

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121218\
 Data File : VN052850.D
 Acq On : 13 Dec 2018 1:34
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 13 04:16:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	958798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1519053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1362414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	646618	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	535833	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	
35) Dibromofluoromethane	7.59	113	434188	51.21	ug/l	0.00
Spiked Amount			Recovery	=	102.42%	
50) Toluene-d8	10.09	98	1881123	51.17	ug/l	0.00
Spiked Amount			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	645537	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	512807	51.957	ug/l	98
3) Chloromethane	2.06	50	606257	51.179	ug/l	100
4) Vinyl Chloride	2.19	62	612719	51.701	ug/l	100
5) Bromomethane	2.57	94	347106	47.487	ug/l	100
6) Chloroethane	2.71	64	356470	50.888	ug/l	99
7) Trichlorofluoromethane	3.02	101	752951	51.246	ug/l	100
8) Diethyl Ether	3.41	74	287805	53.698	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	465165	51.083	ug/l	100
10) Methyl Iodide	3.96	142	656462	51.477	ug/l	100
11) Tert butyl alcohol	4.78	59	149417	262.302	ug/l	100
12) 1,1-Dichloroethene	3.74	96	453818	51.482	ug/l	99
13) Acrolein	3.61	56	110861	206.708	ug/l	99
14) Allyl chloride	4.33	41	710631	49.355	ug/l	99
15) Acrylonitrile	4.99	53	870728	272.467	ug/l	100
16) Acetone	3.82	43	647559	282.818	ug/l	97
17) Carbon Disulfide	4.06	76	1357368	50.124	ug/l	100
18) Methyl Acetate	4.32	43	448949	53.427	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1253589	52.383	ug/l	100
20) Methylene Chloride	4.55	84	522280	50.687	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	487239	51.018	ug/l	99
22) Diisopropyl ether	5.95	45	1604669	52.241	ug/l	99
23) Vinyl Acetate	5.90	43	4848226	265.255	ug/l	98
24) 1,1-Dichloroethane	5.85	63	924789	52.208	ug/l	100
25) 2-Butanone	6.83	43	919755	258.885	ug/l	99
26) 2,2-Dichloropropane	6.83	77	556373	42.652	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	561566	51.809	ug/l	98
28) Bromochloromethane	7.20	49	376240	47.301	ug/l	100
29) Tetrahydrofuran	7.21	42	649461	267.773	ug/l	99
30) Chloroform	7.37	83	894295	51.773	ug/l	99
31) Cyclohexane	7.65	56	870117	50.371	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	746252	51.636	ug/l	100
36) 1,1-Dichloropropene	7.80	75	700937	50.108	ug/l	99
37) Ethyl Acetate	6.93	43	434972	51.762	ug/l	98
38) Carbon Tetrachloride	7.78	117	645364	50.123	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	840980	48.990	ug/l	99
40) Benzene	8.04	78	2109832	50.253	ug/l	99
41) Methacrylonitrile	7.18	41	246470	52.935	ug/l	96
42) 1,2-Dichloroethane	8.13	62	629996	49.843	ug/l	99
43) Isopropyl Acetate	8.17	43	830759	48.218	ug/l	99
44) Trichloroethene	8.84	130	562813	49.629	ug/l	97
45) 1,2-Dichloropropane	9.12	63	556610	50.616	ug/l	99
46) Dibromomethane	9.21	93	321457	50.405	ug/l	99
47) Bromodichloromethane	9.40	83	678978	51.340	ug/l	100
48) Methyl methacrylate	9.20	41	398752	52.774	ug/l	99
49) 1,4-Dioxane	9.20	88	91296	1064.497	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2103175	266.214	ug/l	99
52) Toluene	10.16	92	1386641	54.531	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	679735	51.077	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	792906	49.999	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	463915	51.108	ug/l	98
56) Ethyl methacrylate	10.43	69	617816	53.035	ug/l	99
57) 1,3-Dichloropropane	10.71	76	793042	50.947	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1753818	269.819	ug/l	100
59) 2-Hexanone	10.75	43	1391876	257.077	ug/l	100
60) Dibromochloromethane	10.90	129	511774	52.167	ug/l	100
61) 1,2-Dibromoethane	11.01	107	463429	51.650	ug/l	100
64) Tetrachloroethene	10.63	164	595448	50.851	ug/l	100
65) Chlorobenzene	11.44	112	1406361	49.756	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	496775	50.535	ug/l	100
67) Ethyl Benzene	11.51	91	2467938	50.843	ug/l	100
68) m/p-Xylenes	11.62	106	1860938	102.102	ug/l	100
69) o-Xylene	11.95	106	910687	51.169	ug/l	99
70) Styrene	11.96	104	1496303	52.299	ug/l	99
71) Bromoform	12.13	173	346445	51.876	ug/l #	99
73) Isopropylbenzene	12.25	105	2440043	50.541	ug/l	100
74) N-amyl acetate	12.07	43	713310	53.816	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	530354	49.016	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	692078	72.544	ug/l #	100
77) Bromobenzene	12.53	156	607931	49.508	ug/l	100
78) n-propylbenzene	12.59	91	2759487	50.117	ug/l	100
79) 2-Chlorotoluene	12.68	91	1613355	49.563	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1957033	50.215	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	150537	50.691	ug/l	99
82) 4-Chlorotoluene	12.77	91	1640685	49.297	ug/l	100
83) tert-Butylbenzene	12.99	119	1703629	49.554	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1982930	50.258	ug/l	99
85) sec-Butylbenzene	13.17	105	2306770	49.545	ug/l	99
86) p-Isopropyltoluene	13.29	119	2008423	49.790	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1072811	49.163	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1059110	49.010	ug/l	100
89) n-Butylbenzene	13.62	91	1672429	49.250	ug/l	100
90) Hexachloroethane	13.88	117	335682	49.697	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1036971	49.401	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	85620	52.495	ug/l	99

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QLast Update : Thu Dec 13 01:08:35 2018
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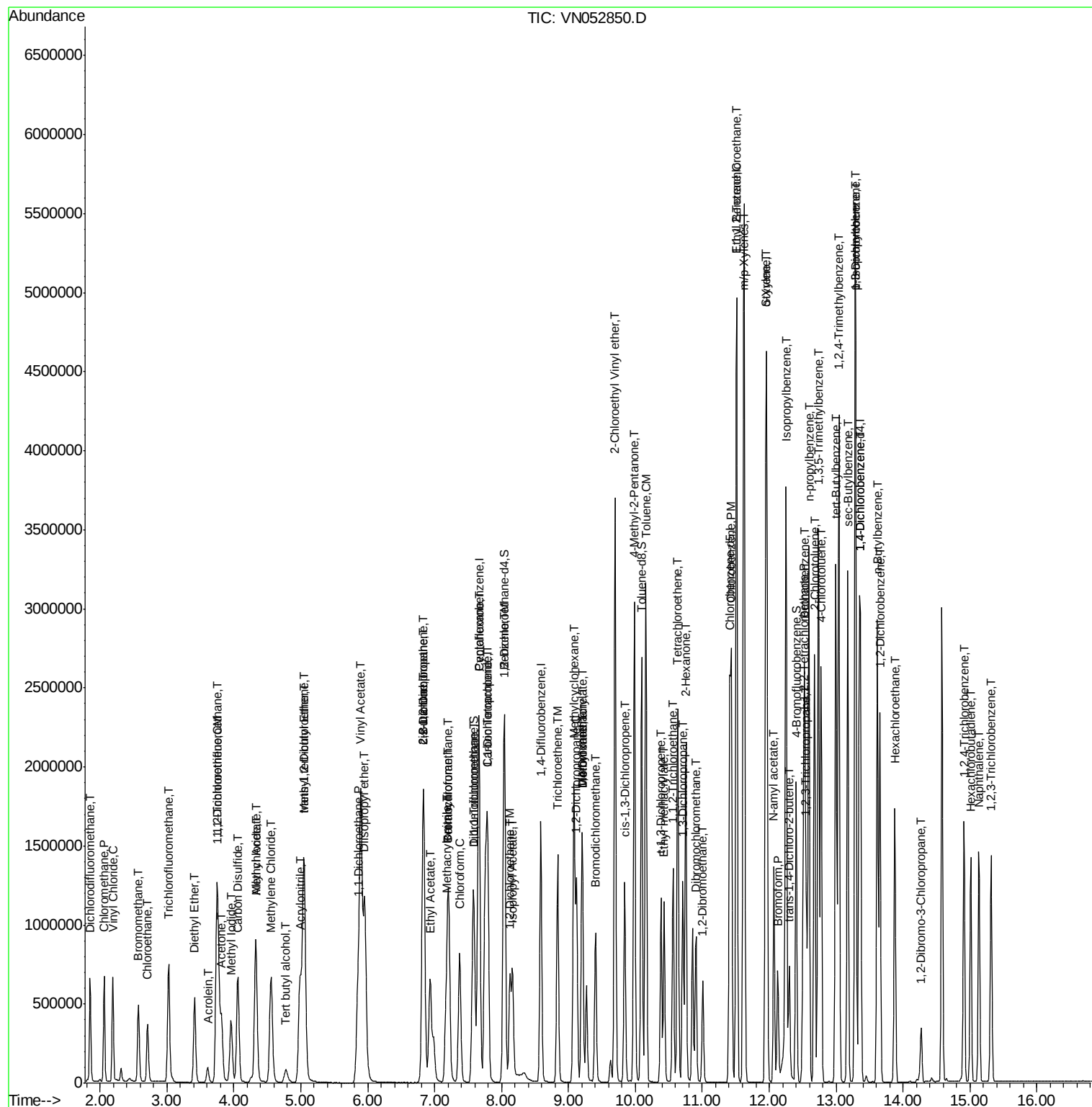
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	572980	50.216	ug/l	99
94) Hexachlorobutadiene	15.01	225	305195	46.210	ug/l	99
95) Naphthalene	15.13	128	1264274	53.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	537137	51.303	ug/l	100

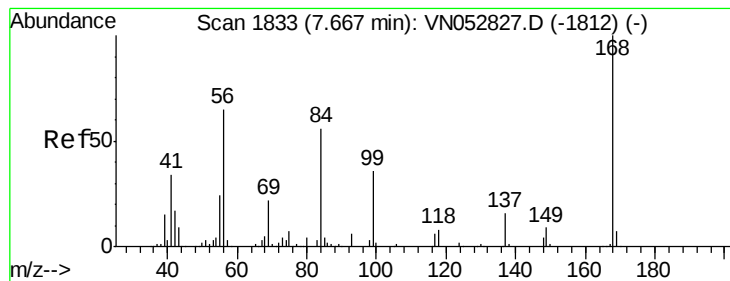
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

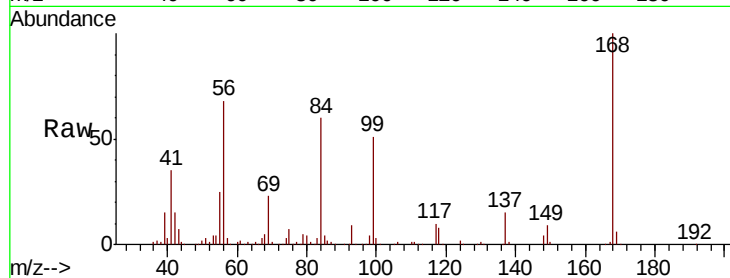
VSTDCCC050EC

Tot Ion:168 Resp: 958798

Ion Ratio Lower Upper

168 100

99 50.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

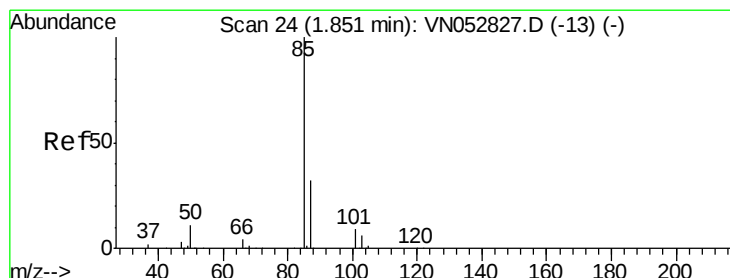
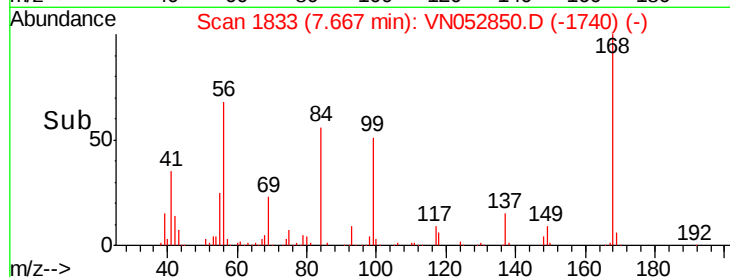
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.957 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052850.D

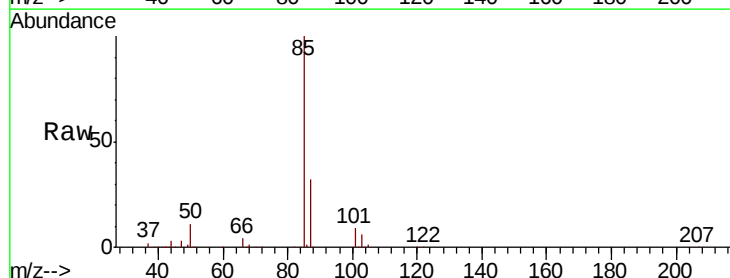
Acq: 13 Dec 2018 1:34

Tgt Ion: 85 Resp: 512807

Ion Ratio Lower Upper

85 100

87 31.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

400000

300000

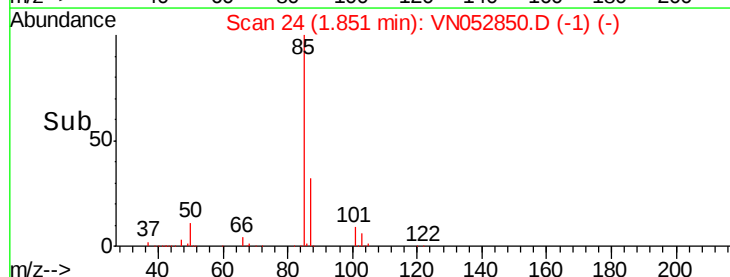
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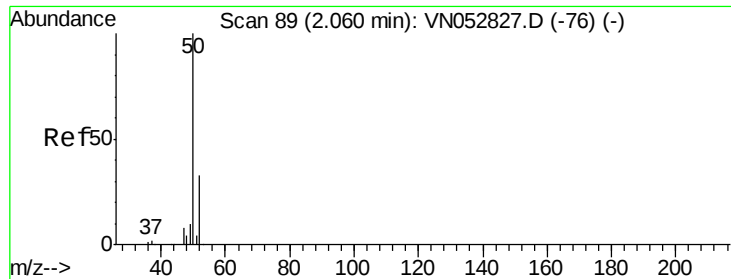
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1.80 1.90 2.00

Time-->

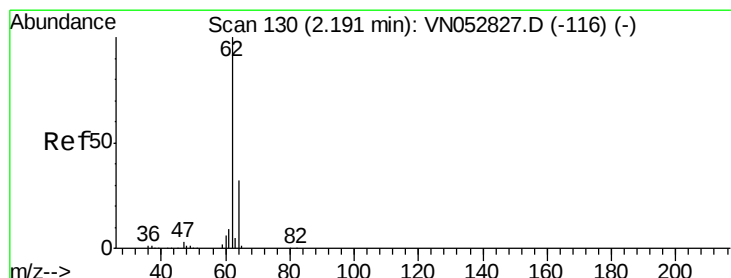
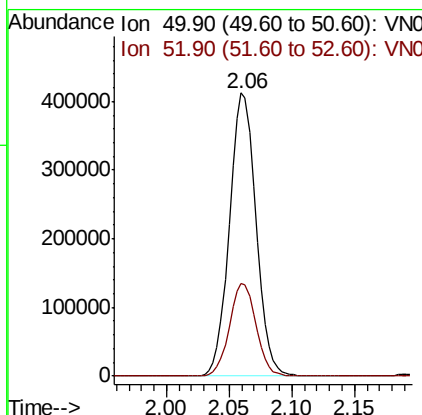
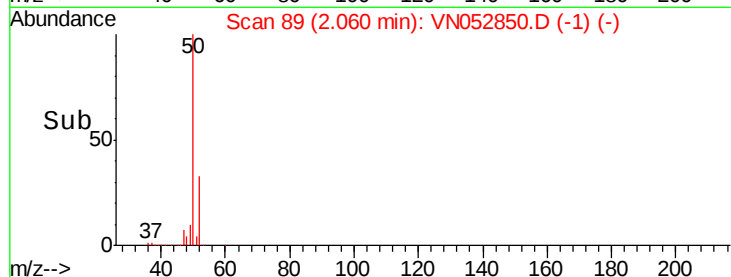
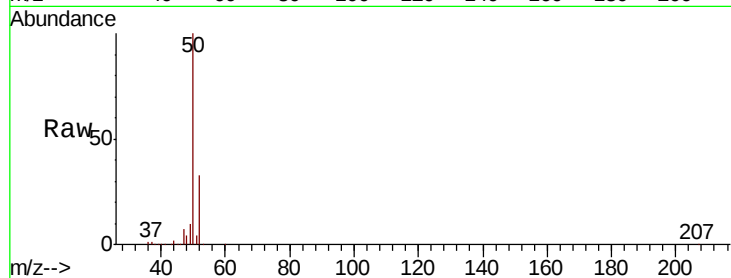




#3
Chloromethane
Concen: 51.179 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

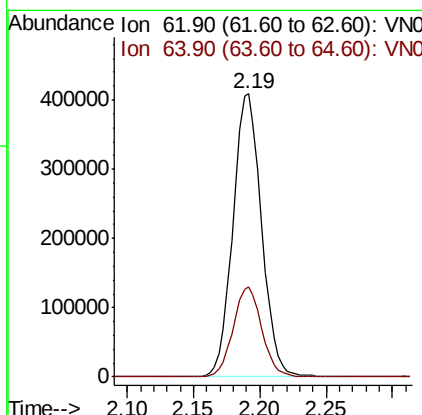
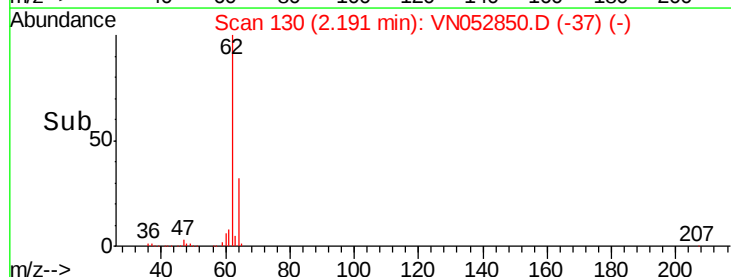
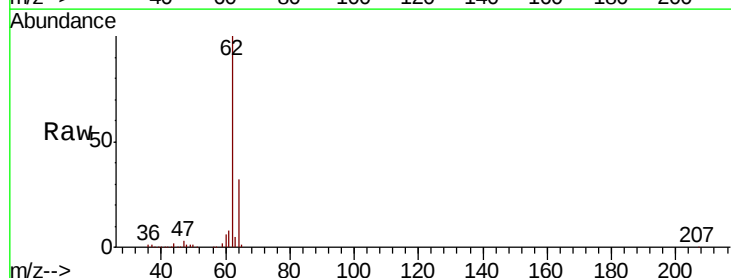
Instrument :
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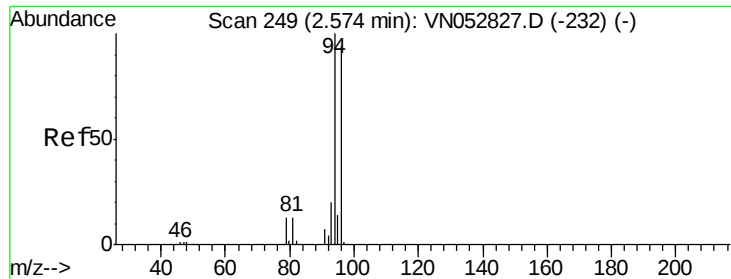
Tot Ion: 50 Resp: 606257
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4



#4
Vinyl Chloride
Concen: 51.701 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion: 62 Resp: 612719
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5

Bromomethane

Concen: 47.487 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

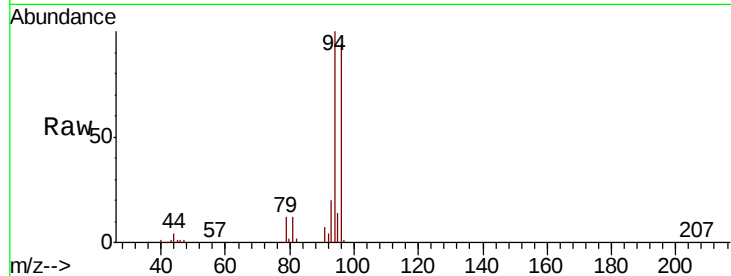
VSTDCCC050EC

Tot Ion: 94 Resp: 347106

Ion Ratio Lower Upper

94 100

96 93.7 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN052827.D (-232) (-)

Ion 95.90 (95.60 to 96.60): VN052827.D (-232) (-)

2.57

200000

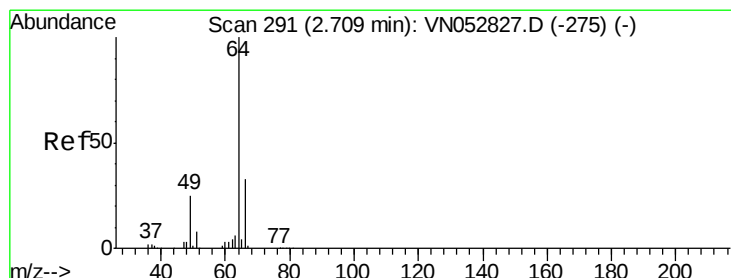
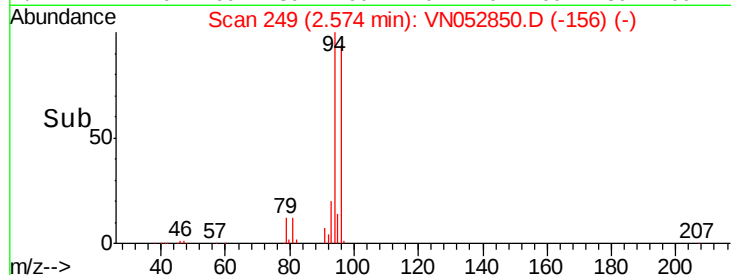
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 50.888 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052850.D

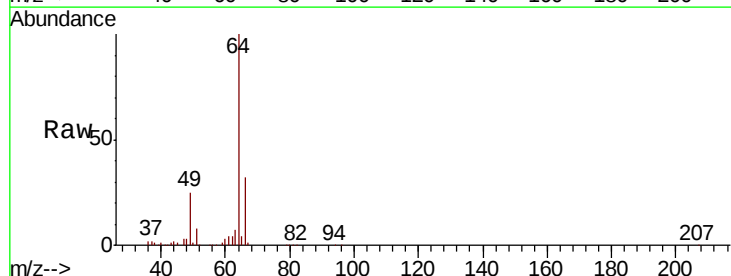
Acq: 13 Dec 2018 1:34

Tgt Ion: 64 Resp: 356470

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN052827.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN052827.D (-275) (-)

2.71

200000

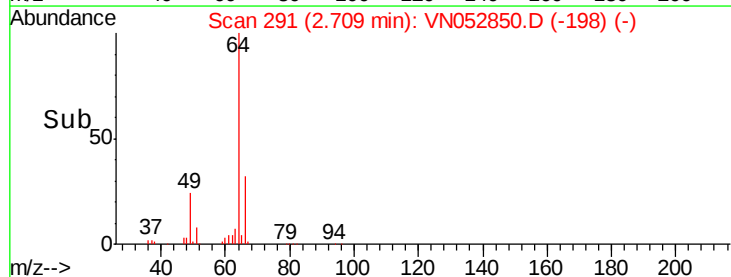
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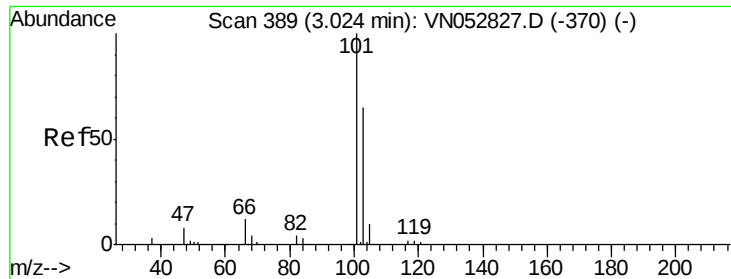
100000

50000

0

Time-->



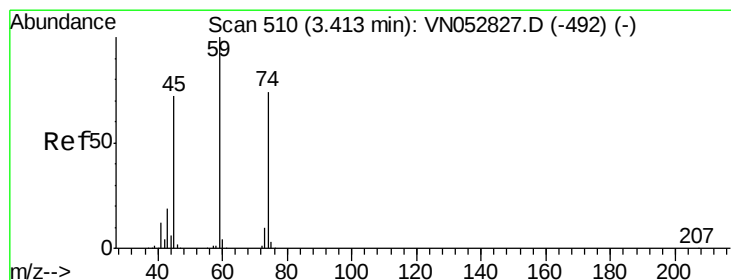
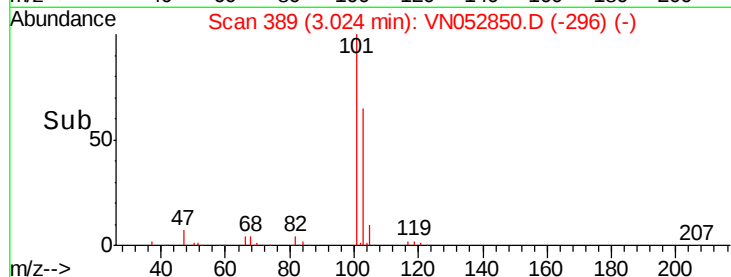
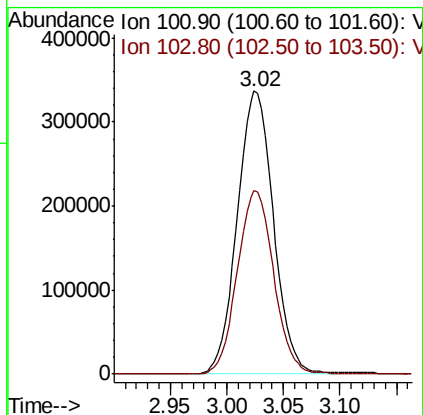
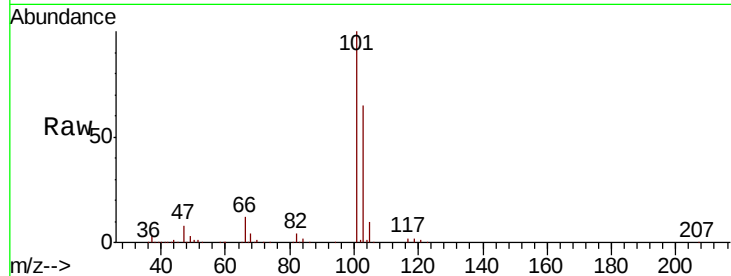


#7

Trichlorofluoromethane
 Concen: 51.246 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Instrument :
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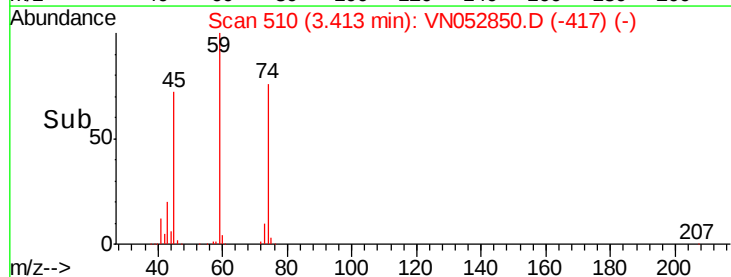
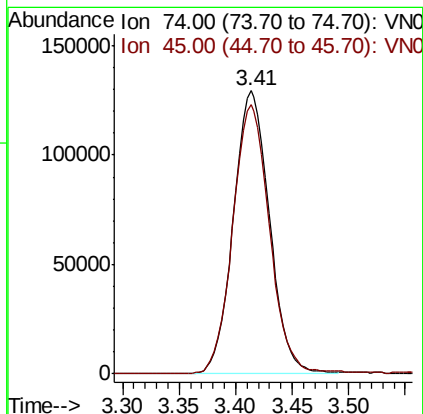
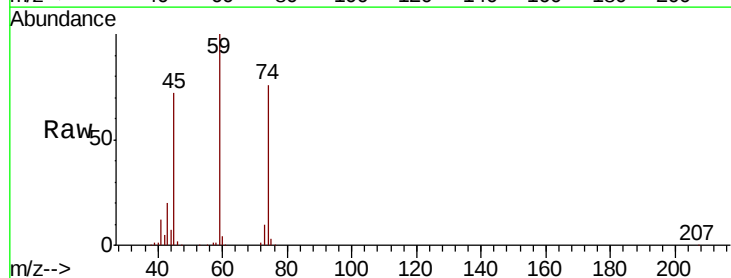
Tot Ion:101 Resp: 752951
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6

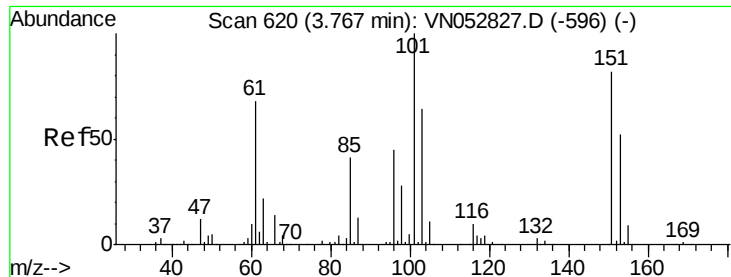


#8

Diethyl Ether
 Concen: 53.698 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 74 Resp: 287805
 Ion Ratio Lower Upper
 74 100
 45 95.6 49.4 148.0

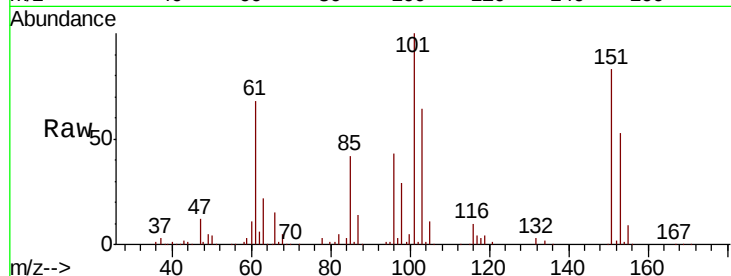




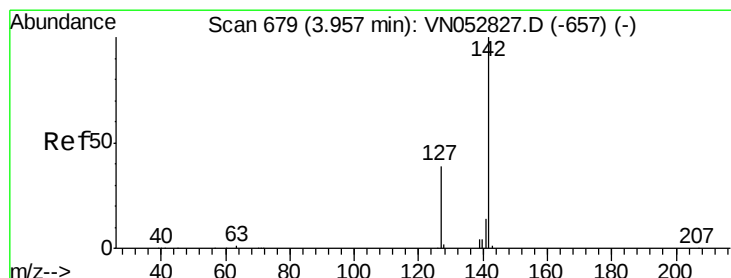
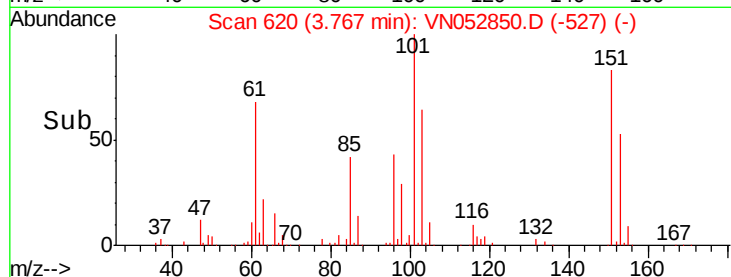
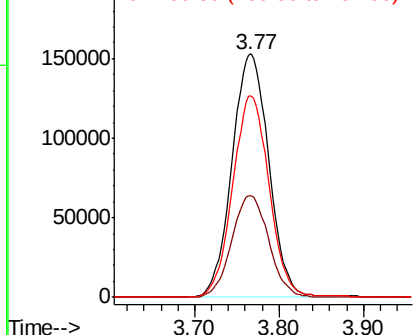
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.083 ug/l
 RT: 3.77 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 465165
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.6 50.4
 151 82.2 65.5 98.3

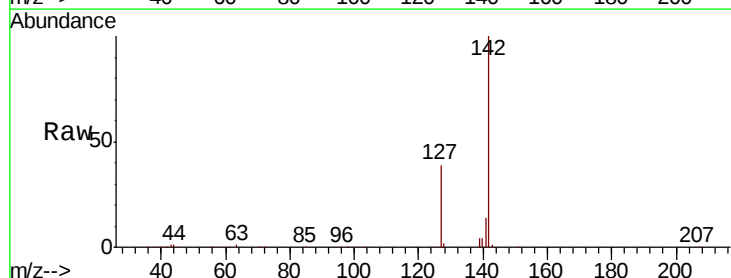


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

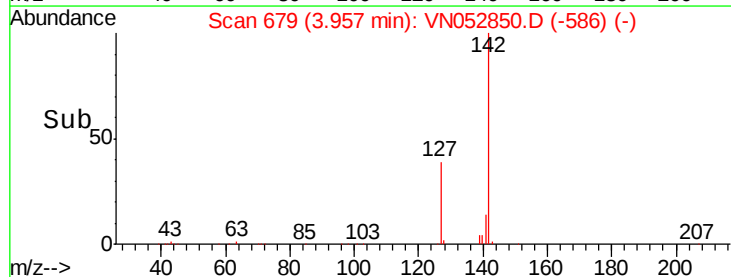
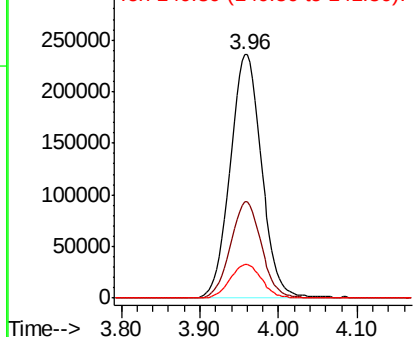


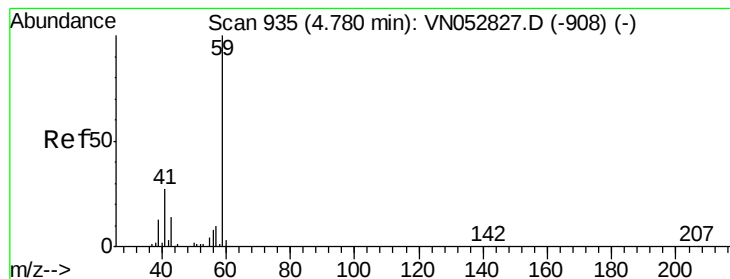
#10
 Methyl Iodide
 Concen: 51.477 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion:142 Resp: 656462
 Ion Ratio Lower Upper
 142 100
 127 39.1 31.0 46.6
 141 14.0 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



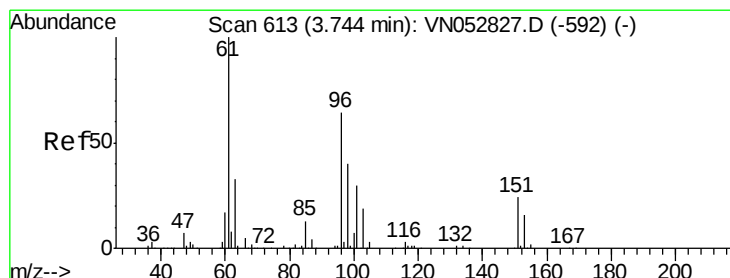
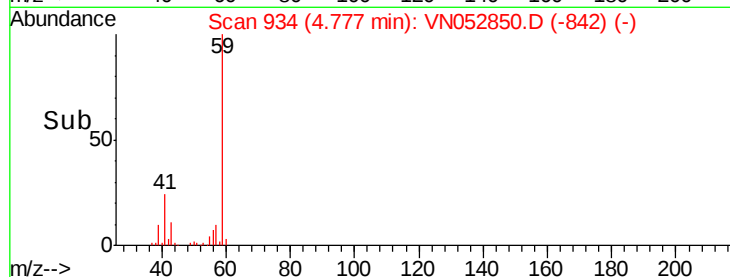
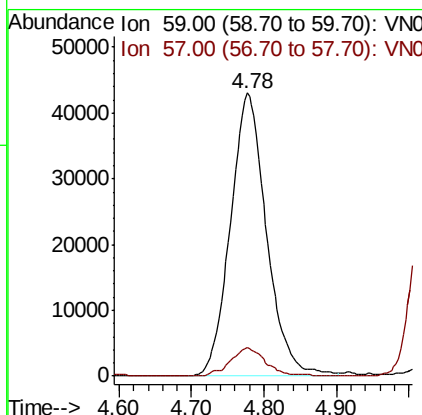
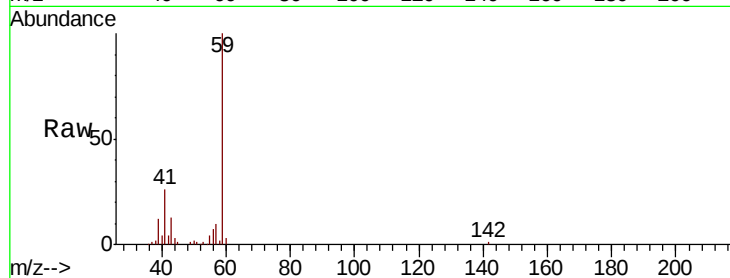


#11

Tert butyl alcohol
 Concen: 262.302 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

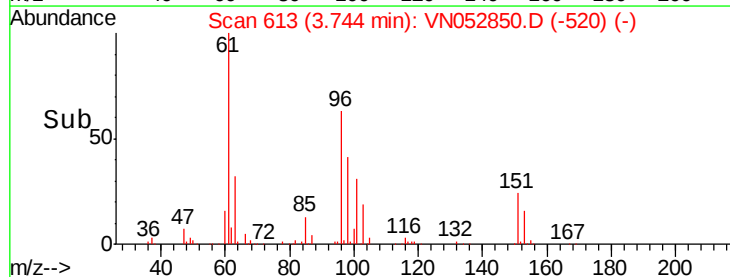
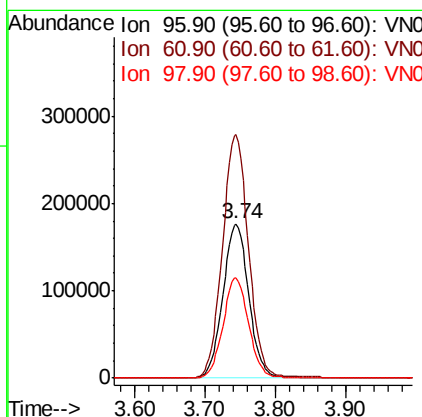
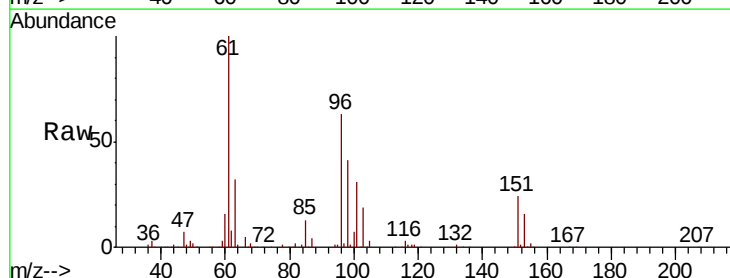
Tot Ion: 59 Resp: 149417
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.7 11.5

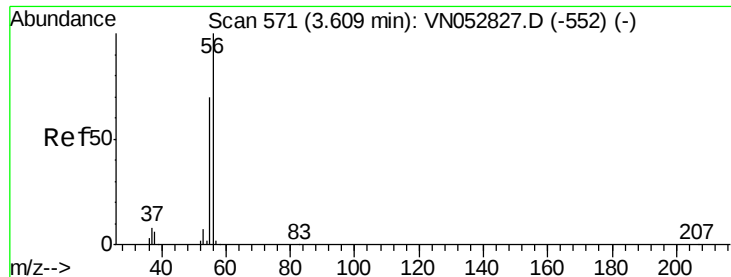


#12

1,1-Dichloroethene
 Concen: 51.482 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 96 Resp: 453818
 Ion Ratio Lower Upper
 96 100
 61 157.9 125.6 188.4
 98 65.3 50.6 75.8





#13

Acrolein

Concen: 206.708 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

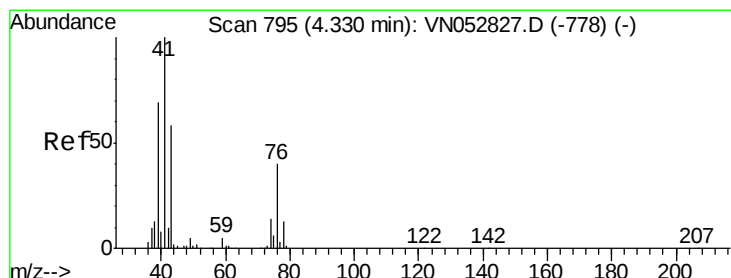
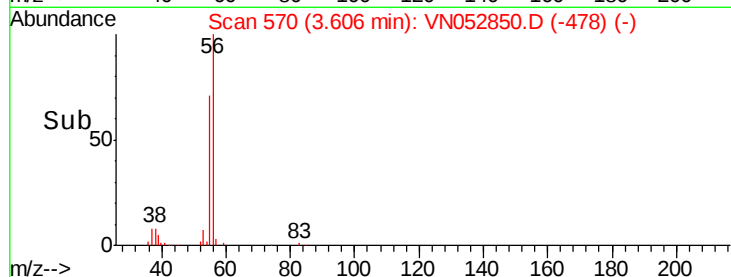
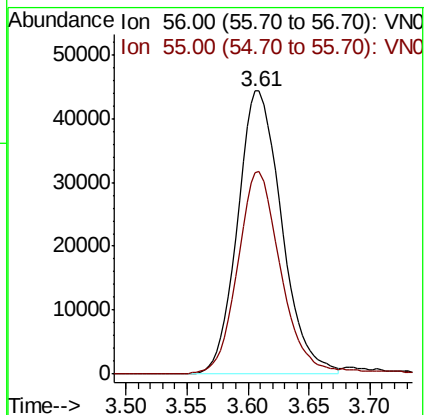
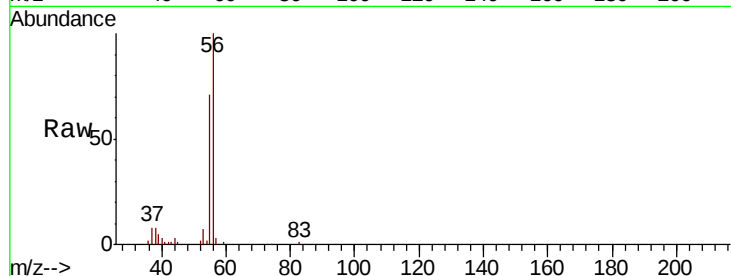
VSTDCCC050EC

Tot Ion: 56 Resp: 110861

Ion Ratio Lower Upper

56 100

55 70.2 56.6 85.0



#14

Allyl chloride

Concen: 49.355 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

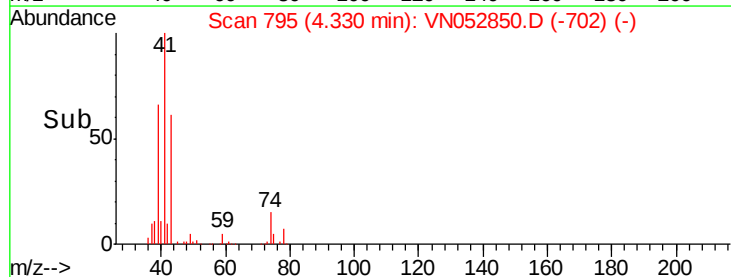
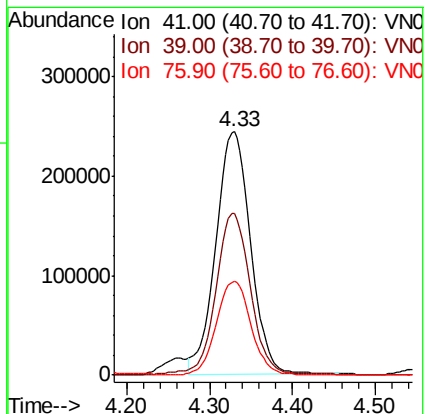
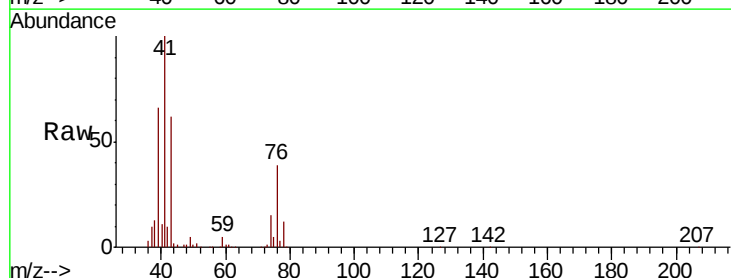
Tgt Ion: 41 Resp: 710631

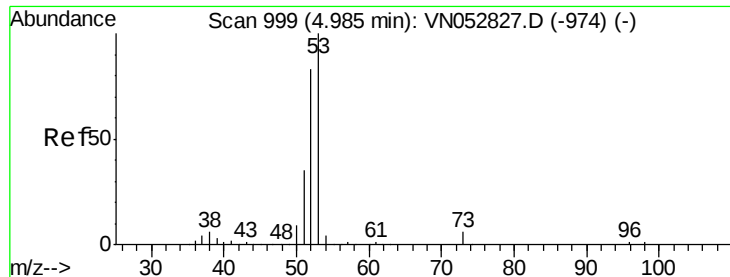
Ion Ratio Lower Upper

41 100

39 66.5 54.1 81.1

76 38.0 30.3 45.5





#15

Acrylonitrile

Concen: 272.467 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

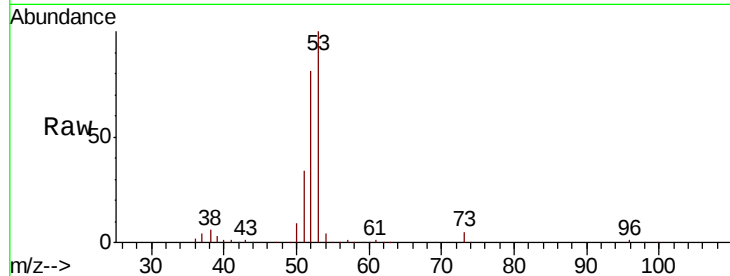
Tot Ion: 53 Resp: 870728

Ion Ratio Lower Upper

53 100

52 81.6 65.1 97.7

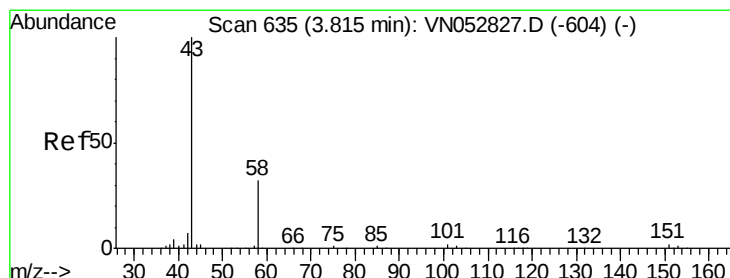
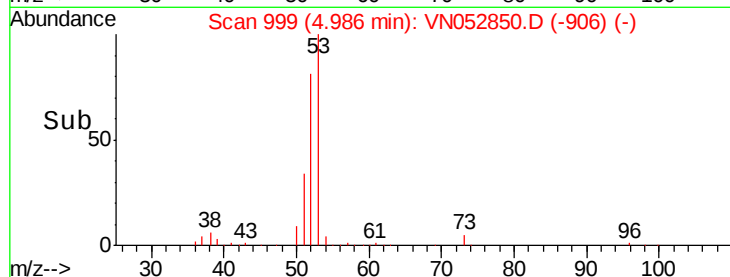
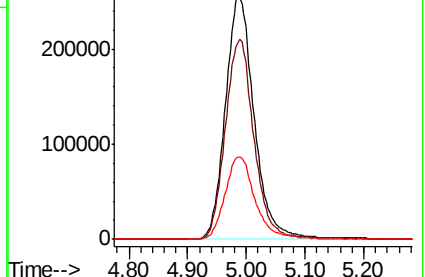
51 35.5 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052827.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN052827.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN052827.D (-974) (-)



#16

Acetone

Concen: 282.818 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052850.D

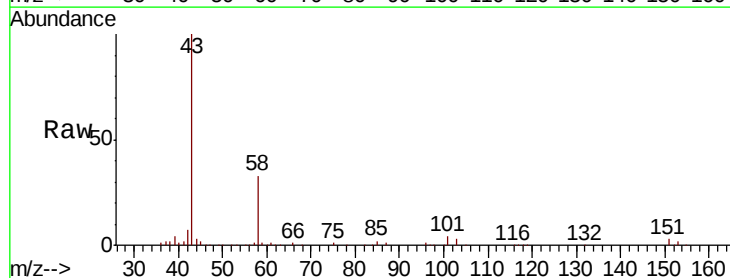
Acq: 13 Dec 2018 1:34

Tgt Ion: 43 Resp: 647559

Ion Ratio Lower Upper

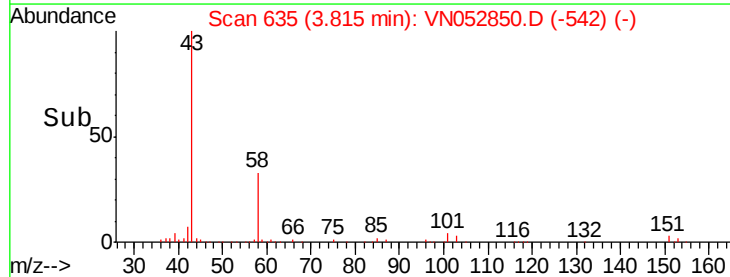
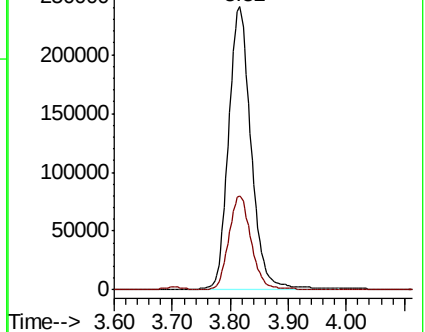
43 100

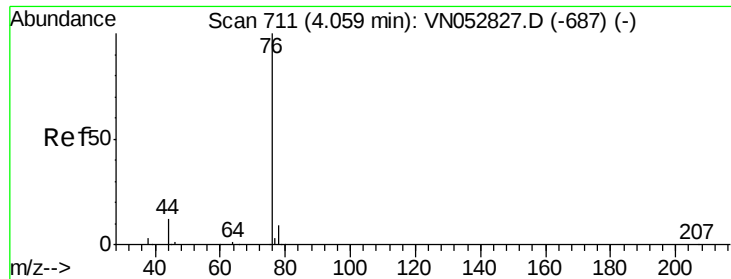
58 33.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052827.D (-604) (-)

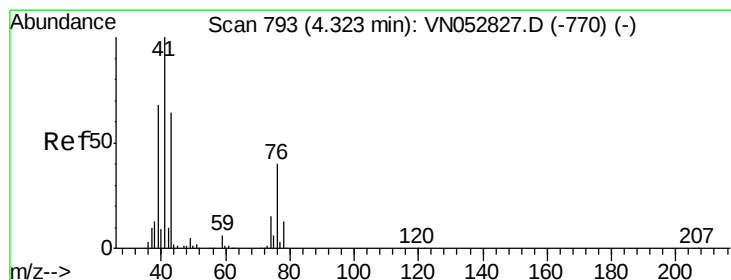
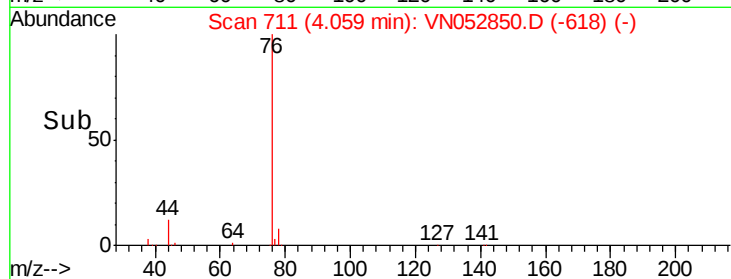
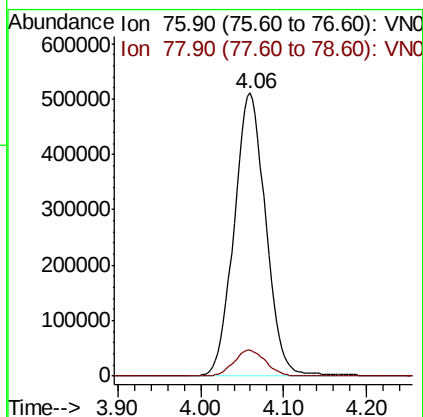
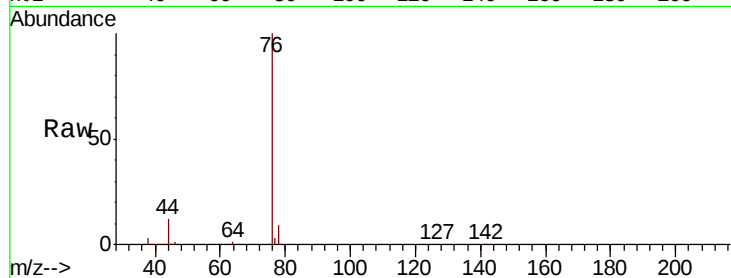




#17
Carbon Disulfide
Concen: 50.124 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

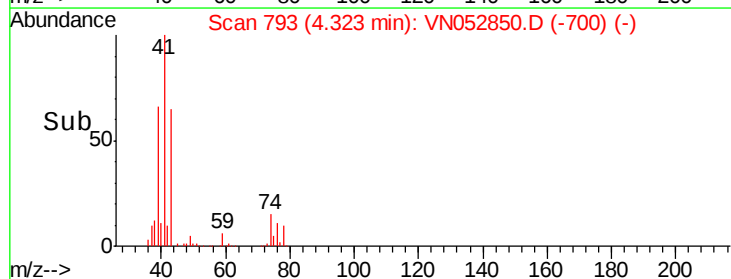
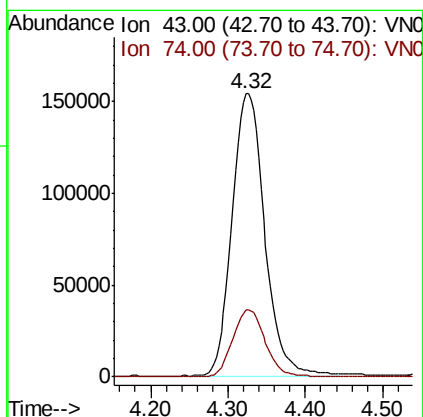
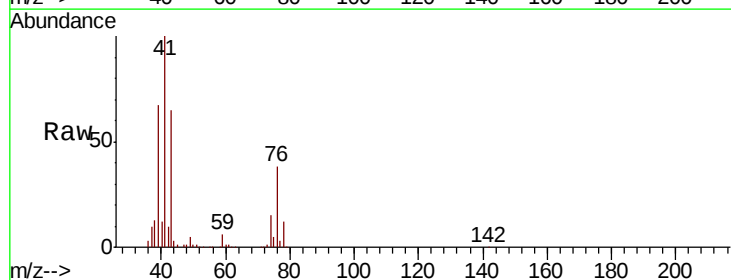
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

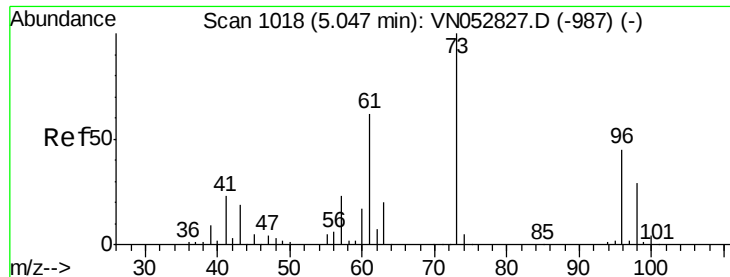
Tot Ion: 76 Resp: 1357368
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 53.427 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion: 43 Resp: 448949
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8





#19

Methyl tert-butyl Ether
 Concen: 52.383 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

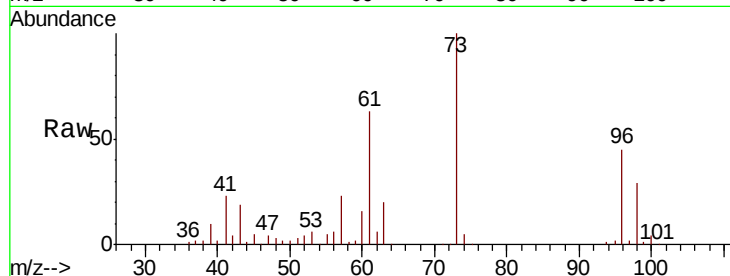
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 1253589

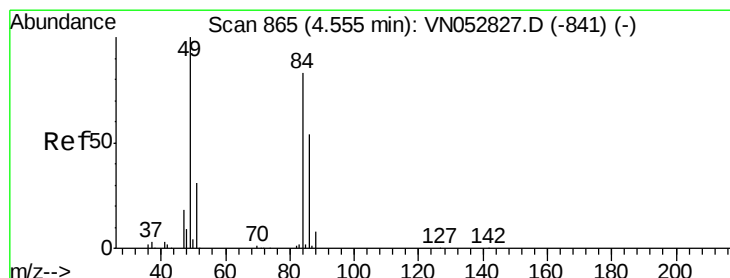
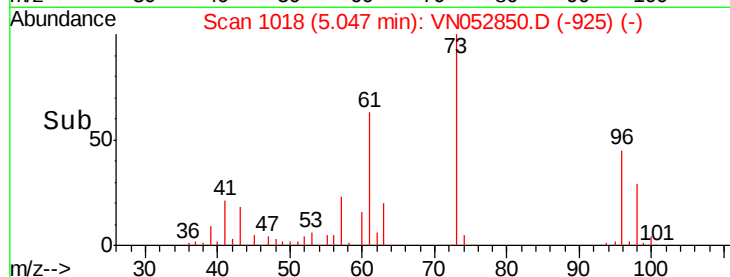
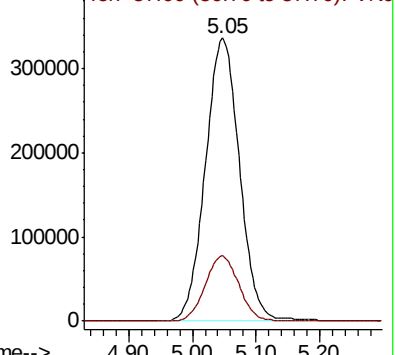
Ion Ratio Lower Upper

73 100

57 23.2 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN052827.D (-987) (-)
 Ion 57.00 (56.70 to 57.70): VN052827.D (-987) (-)



#20

Methylene Chloride
 Concen: 50.687 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 84 Resp: 522280

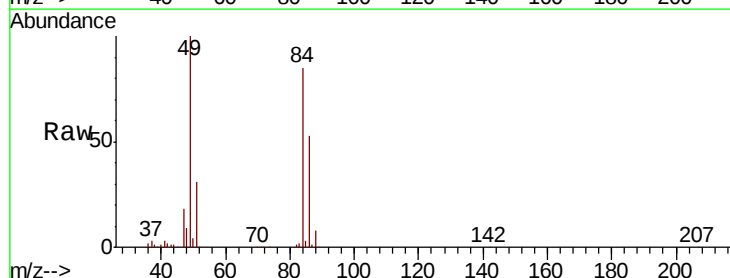
Ion Ratio Lower Upper

84 100

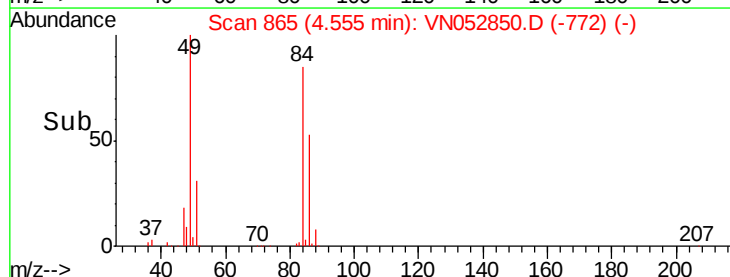
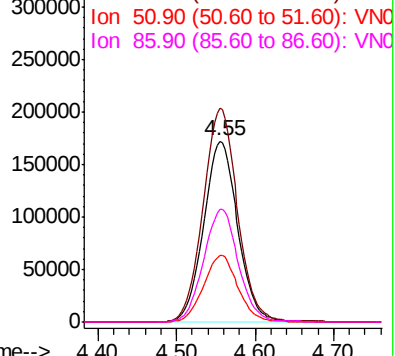
49 118.1 96.8 145.2

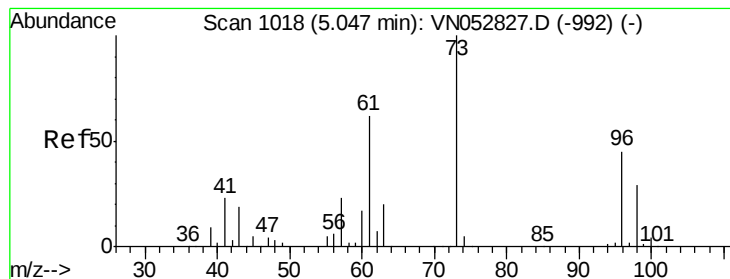
51 36.7 29.9 44.9

86 62.0 51.8 77.6



Abundance Ion 83.90 (83.60 to 84.60): VN052827.D (-841) (-)
 Ion 48.90 (48.60 to 49.60): VN052827.D (-841) (-)
 Ion 50.90 (50.60 to 51.60): VN052827.D (-841) (-)
 Ion 85.90 (85.60 to 86.60): VN052827.D (-841) (-)





#21

trans-1,2-Dichloroethene

Concen: 51.018 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

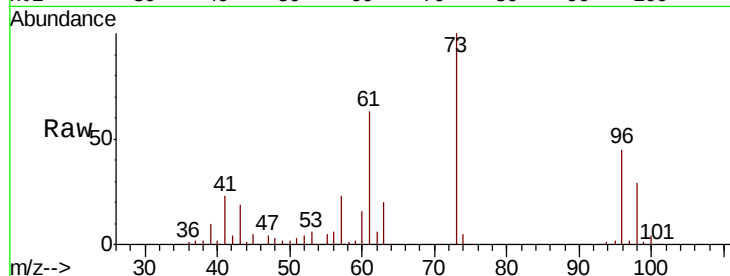
Tot Ion: 96 Resp: 487239

Ion Ratio Lower Upper

96 100

61 139.8 110.8 166.2

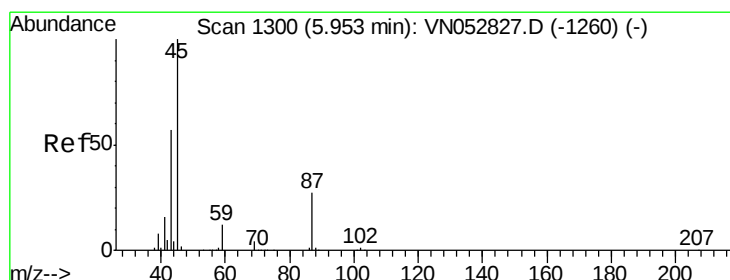
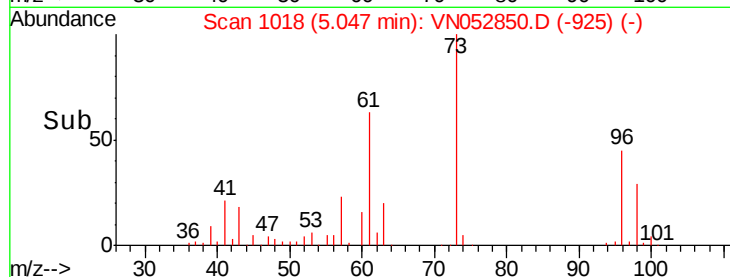
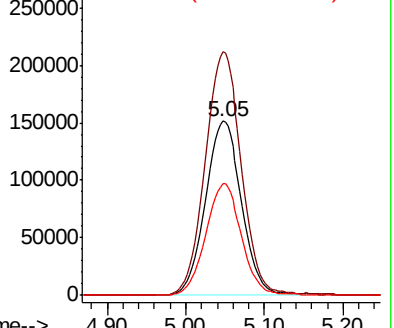
98 64.0 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VN052827.D (-992) (-)

Ion 60.90 (60.60 to 61.60): VN052827.D (-992) (-)

Ion 97.90 (97.60 to 98.60): VN052827.D (-992) (-)



#22

Diisopropyl ether

Concen: 52.241 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Tgt Ion: 45 Resp: 1604669

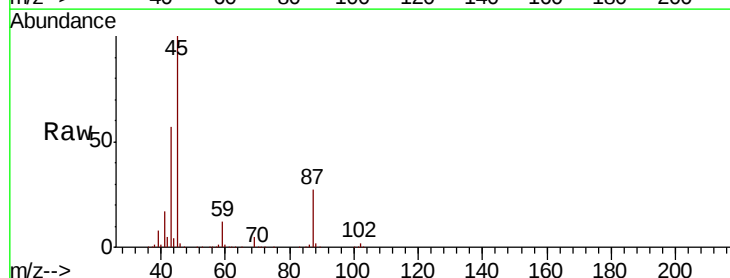
Ion Ratio Lower Upper

45 100

43 56.2 45.5 68.3

87 27.0 22.0 33.0

59 11.7 9.4 14.0

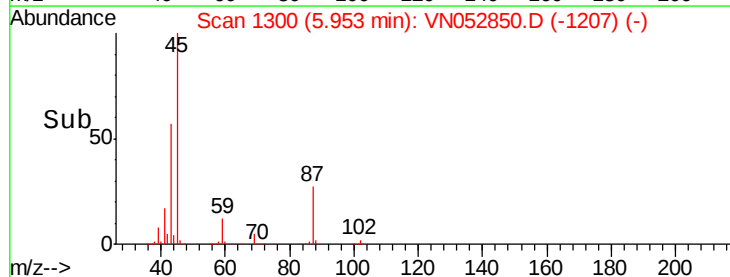
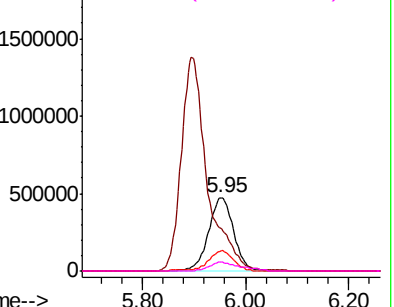


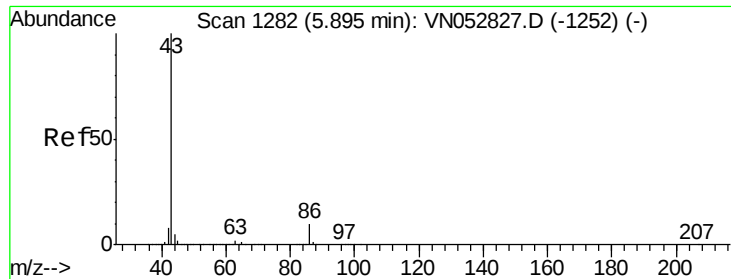
Abundance Ion 45.00 (44.70 to 45.70): VN052827.D (-1260) (-)

Ion 43.00 (42.70 to 43.70): VN052827.D (-1260) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1260) (-)

Ion 59.00 (58.70 to 59.70): VN052827.D (-1260) (-)





#23

Vinyl Acetate

Concen: 265.255 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

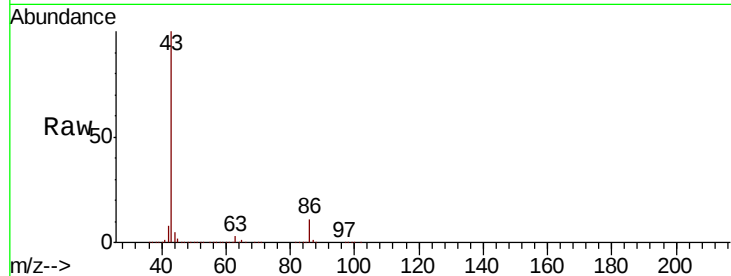
VSTDCCC050EC

Tot Ion: 43 Resp: 4848226

Ion Ratio Lower Upper

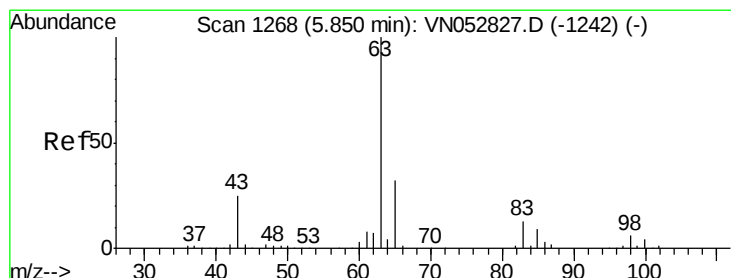
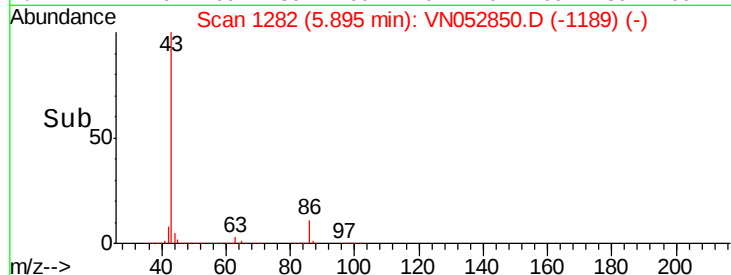
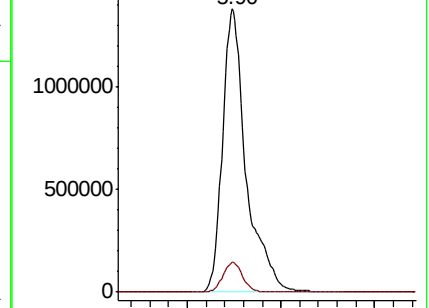
43 100

86 10.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 52.208 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

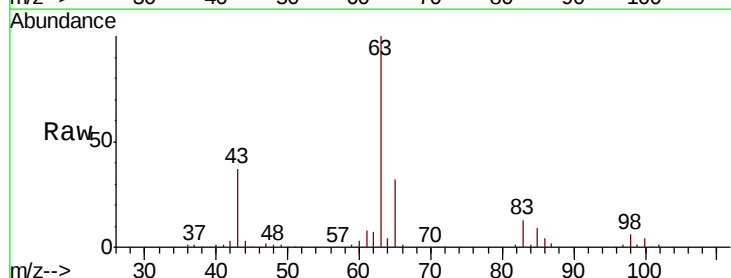
Tgt Ion: 63 Resp: 924789

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

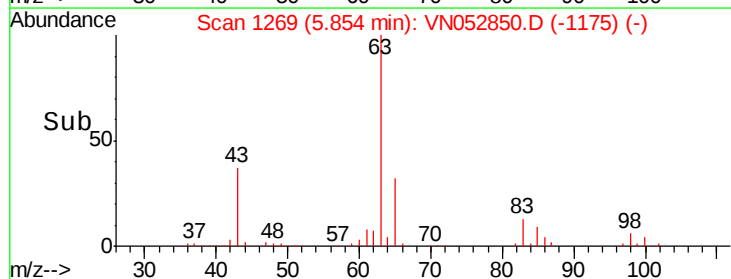
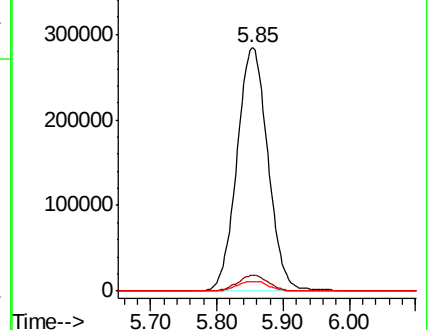
100 3.8 2.0 5.8

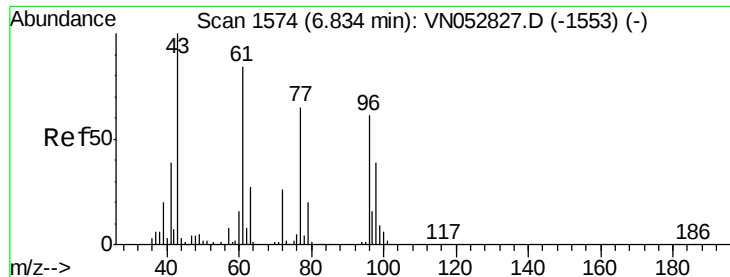


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

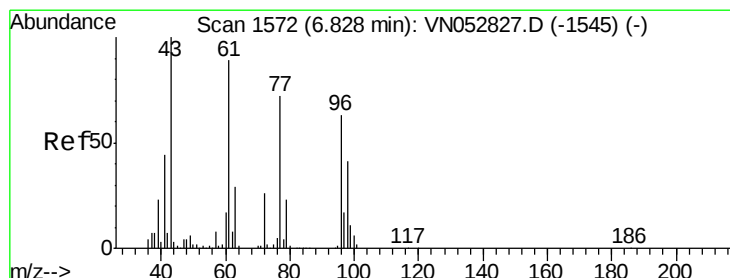
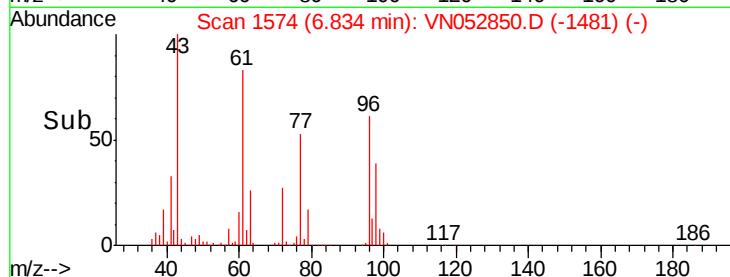
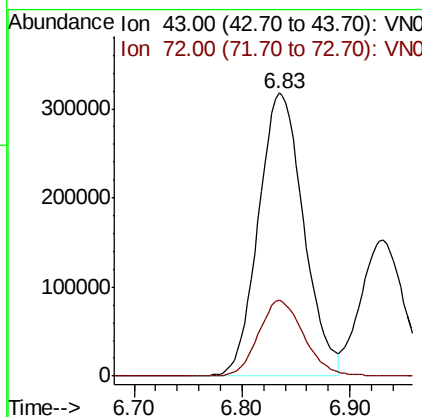
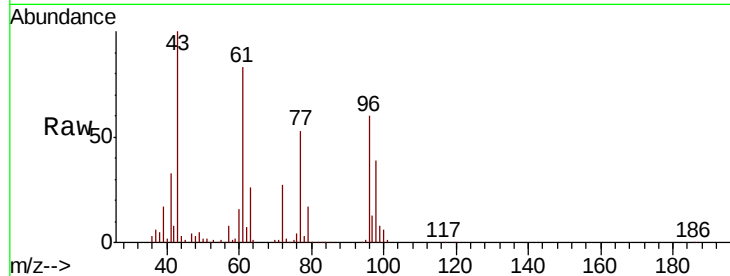




#25
 2-Butanone
 Concen: 258.885 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

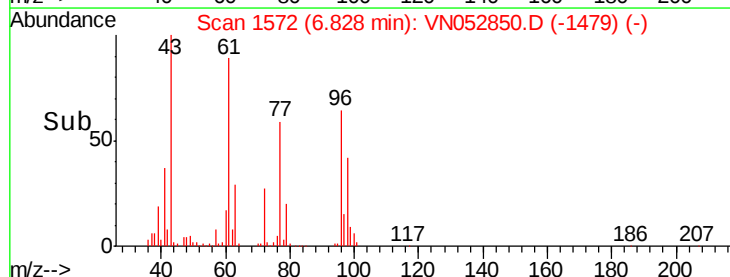
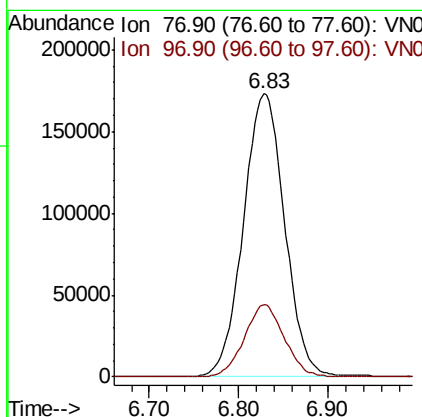
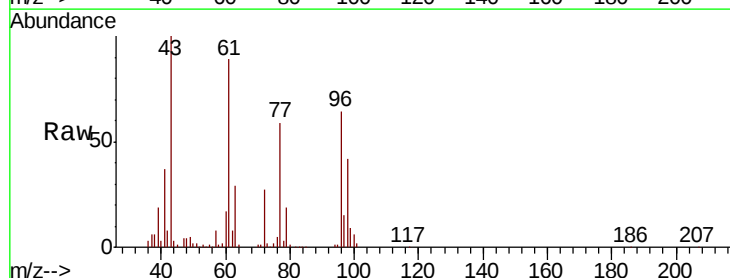
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

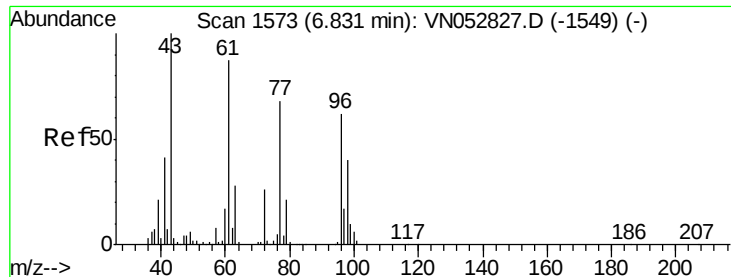
Tot Ion: 43 Resp: 919755
 Ion Ratio Lower Upper
 43 100
 72 26.8 21.0 31.6



#26
 2,2-Dichloropropane
 Concen: 42.652 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 77 Resp: 556373
 Ion Ratio Lower Upper
 77 100
 97 24.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 51.809 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

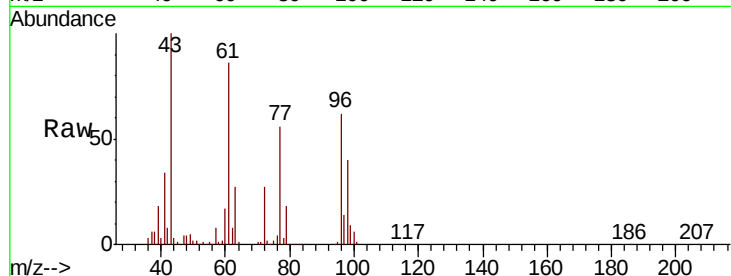
Tot Ion: 96 Resp: 561566

Ion Ratio Lower Upper

96 100

61 138.4 0.0 284.2

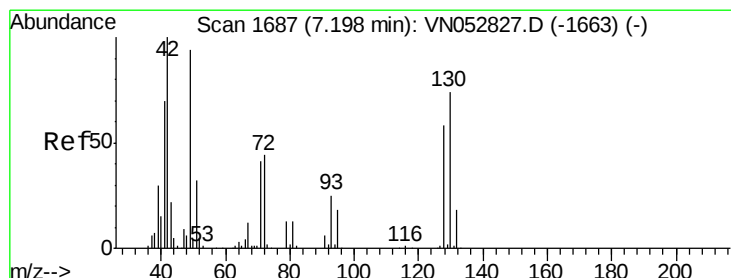
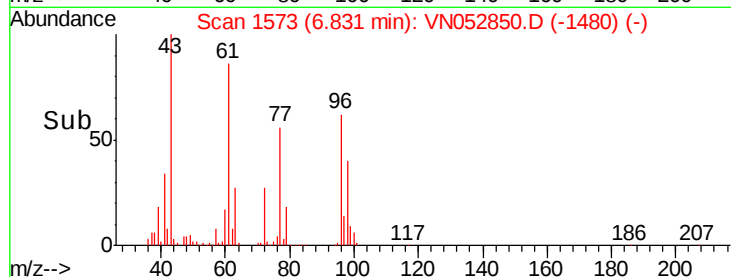
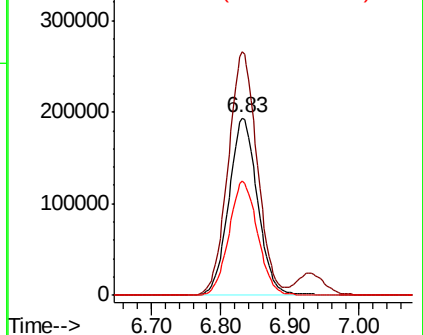
98 64.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN052827.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN052827.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN052827.D (-1549) (-)



#28

Bromochloromethane

Concen: 47.301 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

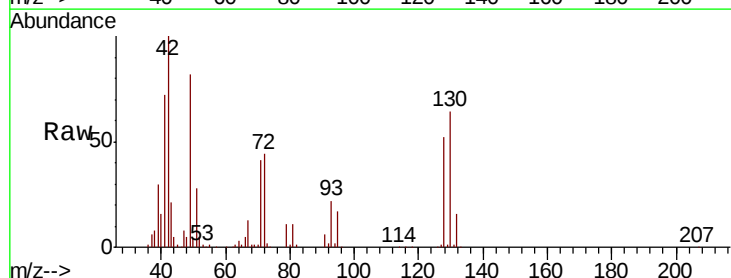
Tgt Ion: 49 Resp: 376240

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

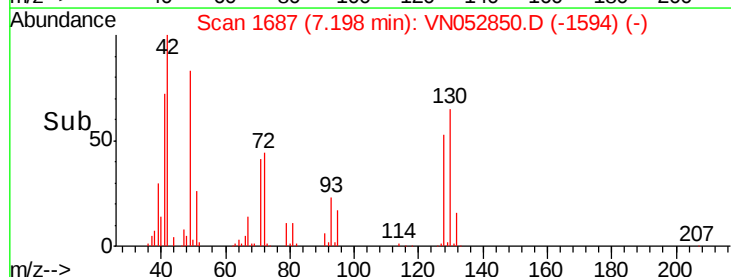
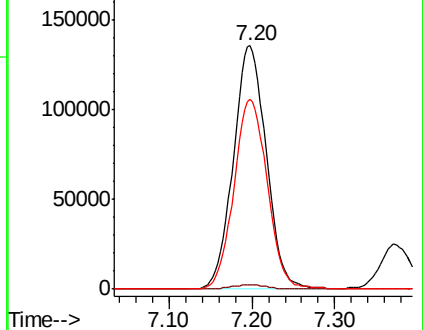
130 78.7 63.3 94.9

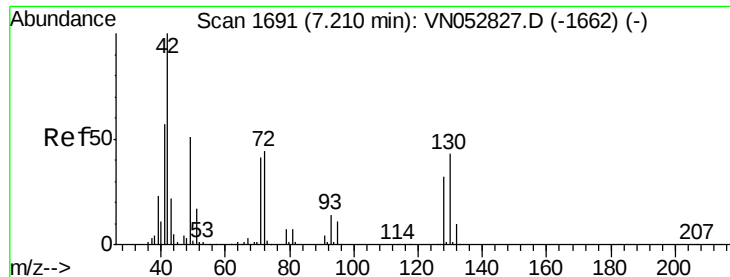


Abundance Ion 48.90 (48.60 to 49.60): VN052827.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN052827.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN052827.D (-1663) (-)

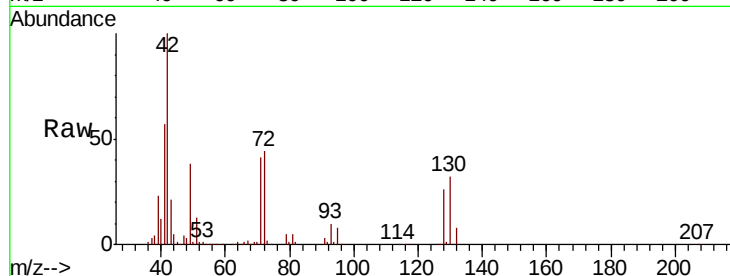




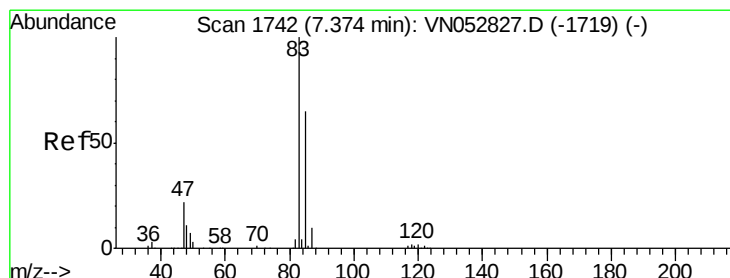
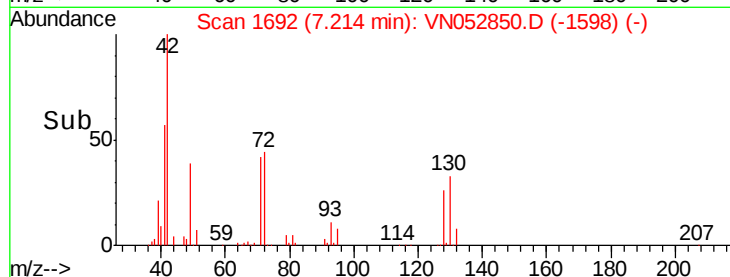
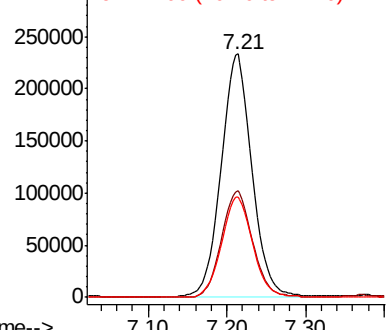
#29
Tetrahydrofuran
Concen: 267.773 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 649461
Ion Ratio Lower Upper
42 100
72 44.0 34.7 52.1
71 41.6 32.3 48.5

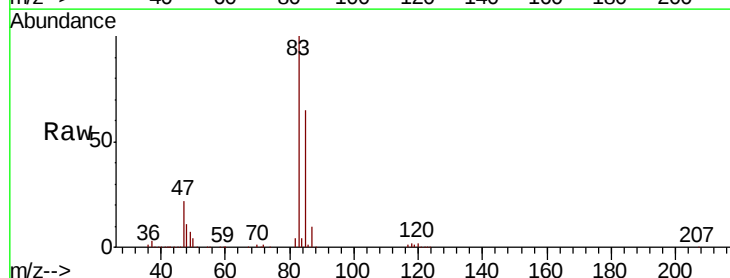


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

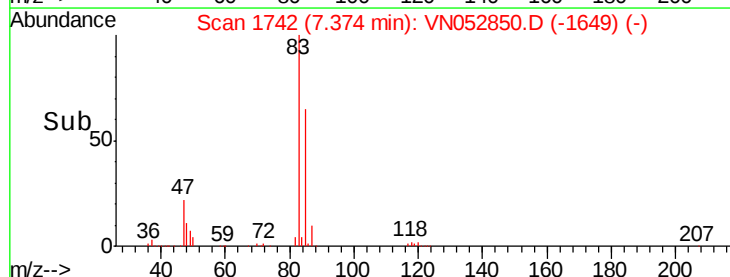
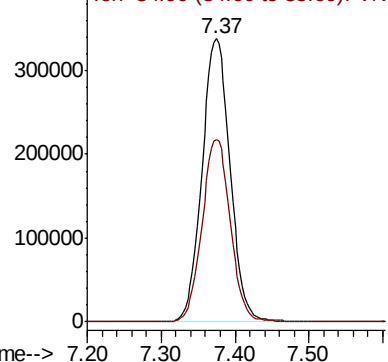


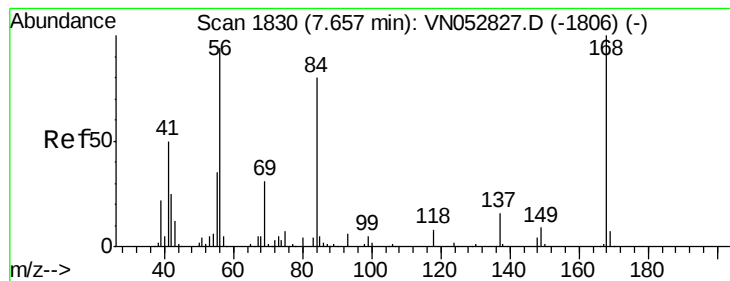
#30
Chloroform
Concen: 51.773 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion: 83 Resp: 894295
Ion Ratio Lower Upper
83 100
85 64.6 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 50.371 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

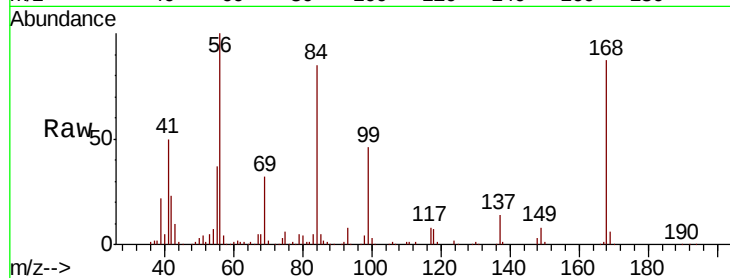
Tot Ion: 56 Resp: 870117

Ion Ratio Lower Upper

56 100

69 32.3 26.6 39.8

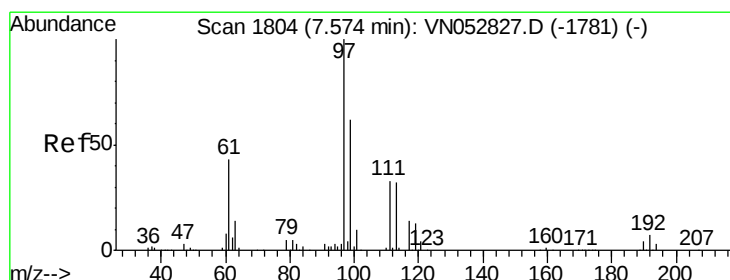
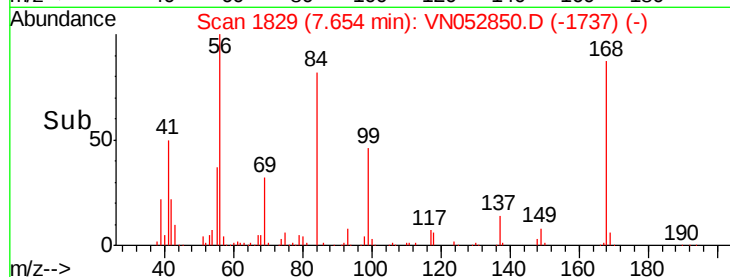
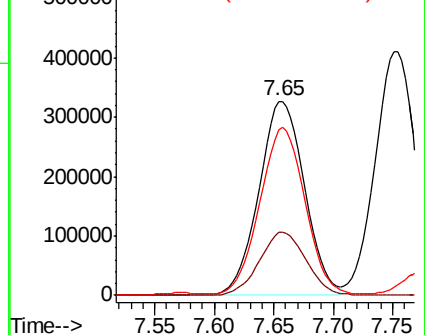
84 83.9 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN052827.D (-1806) (-)

Ion 69.00 (68.70 to 69.70): VN052827.D (-1806) (-)

Ion 84.00 (83.70 to 84.70): VN052827.D (-1806) (-)



#32

1,1,1-Trichloroethane

Concen: 51.636 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

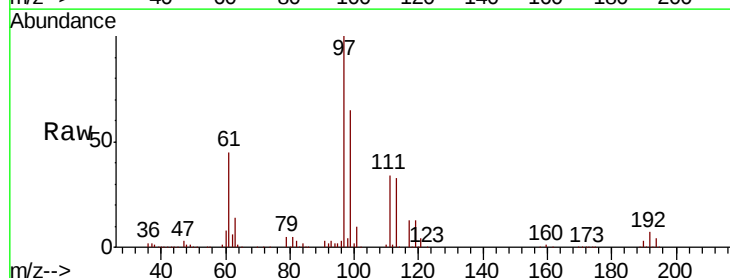
Tgt Ion: 97 Resp: 746252

Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

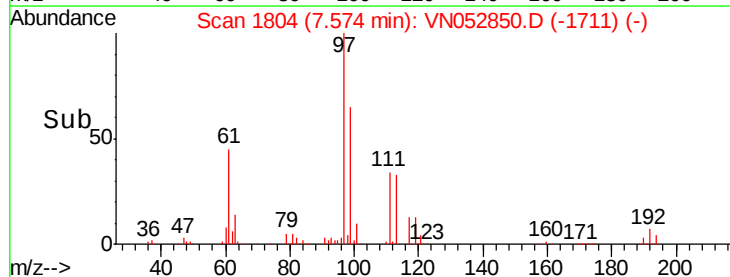
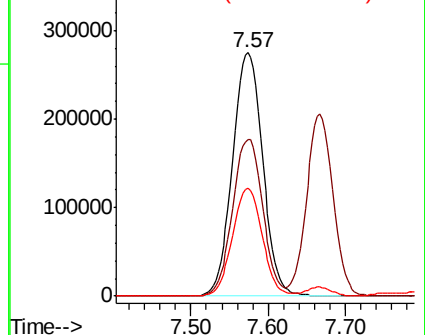
61 43.7 35.0 52.6

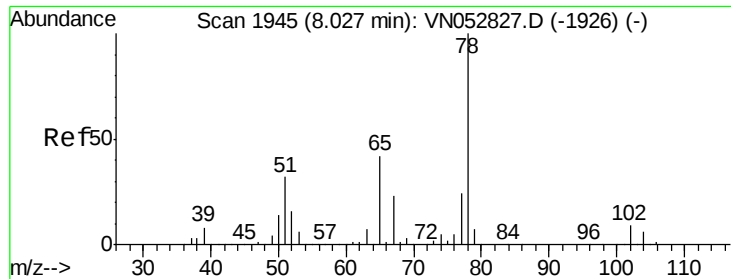


Abundance Ion 96.90 (96.60 to 97.60): VN052827.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1781) (-)

Ion 60.90 (60.60 to 61.60): VN052827.D (-1781) (-)

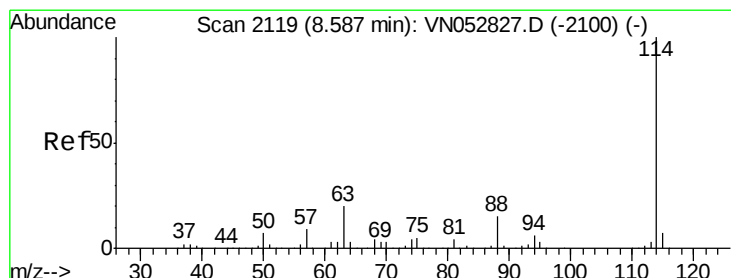
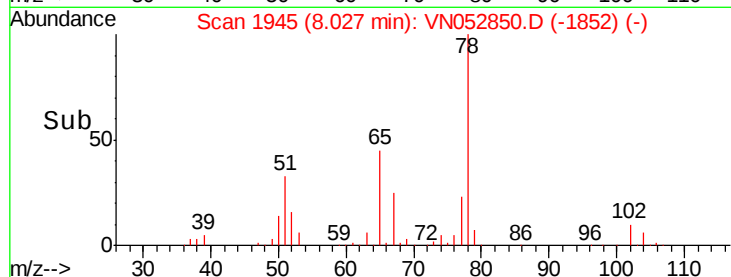
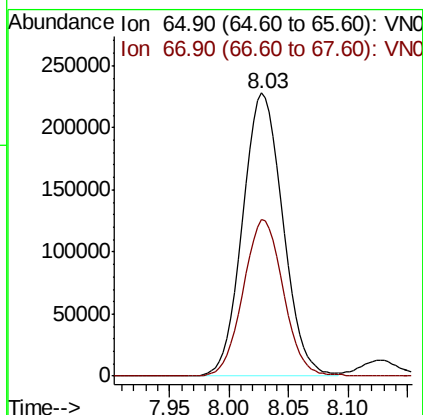
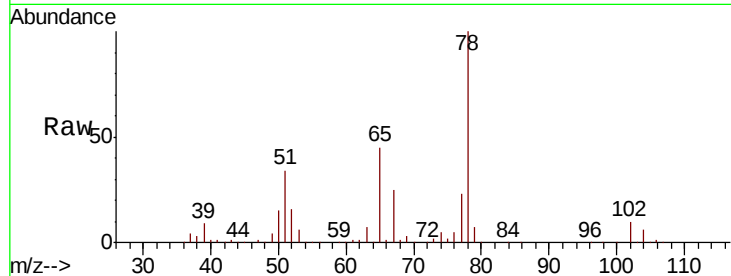




#33
 1,2-Dichloroethane-d4
 Concen: 51.636 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

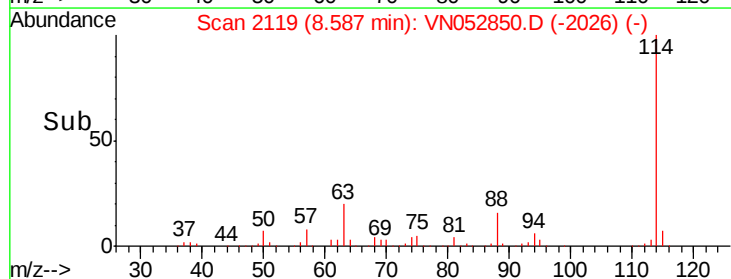
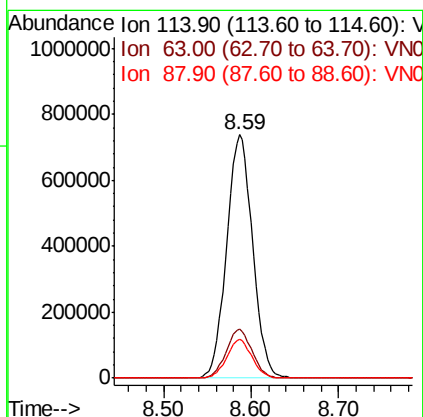
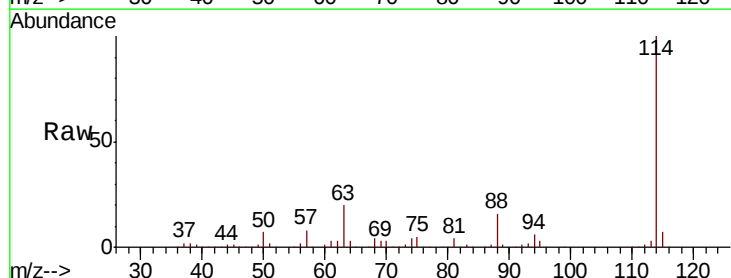
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

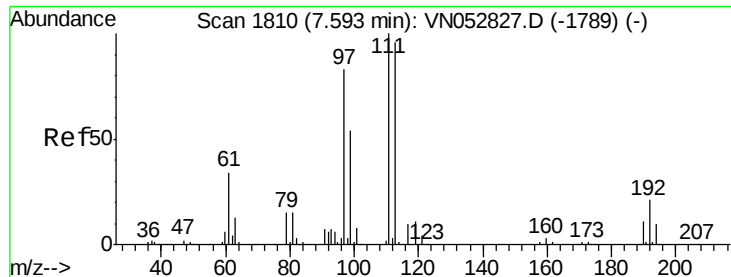
Tot Ion: 65 Resp: 535833
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 114 Resp: 1519053
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.8 0.0 31.0

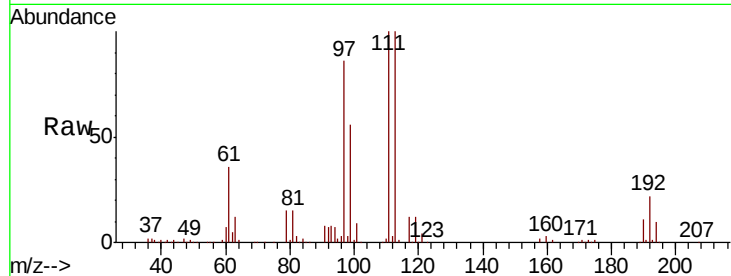




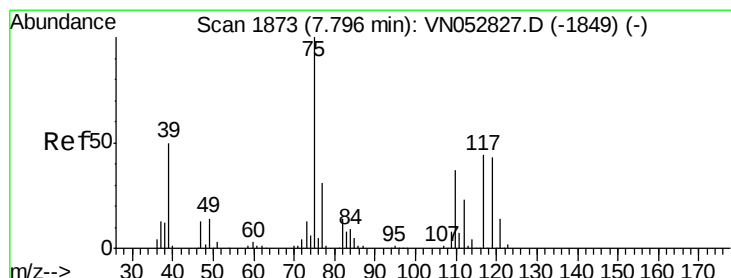
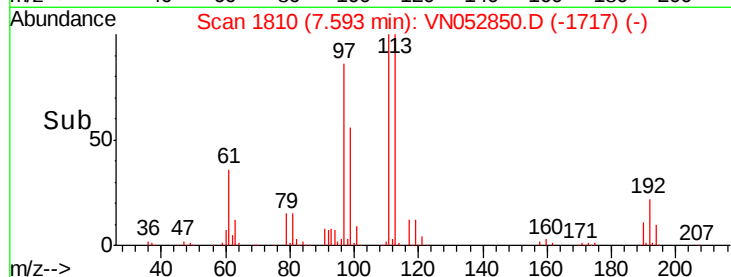
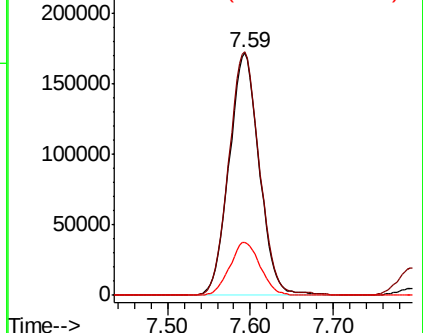
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 434188
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.4
 192 22.1 17.5 26.3

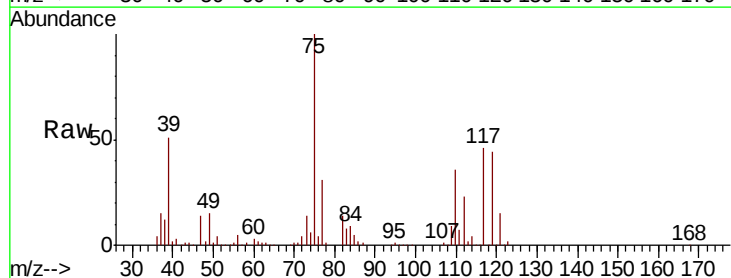


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

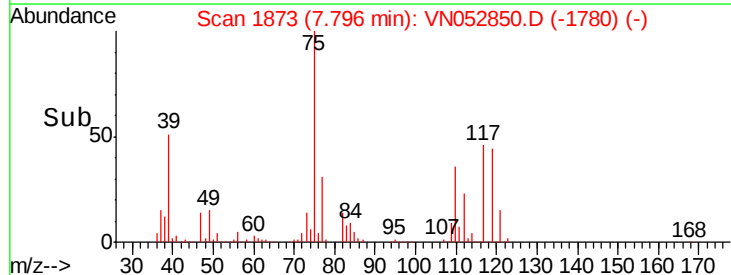
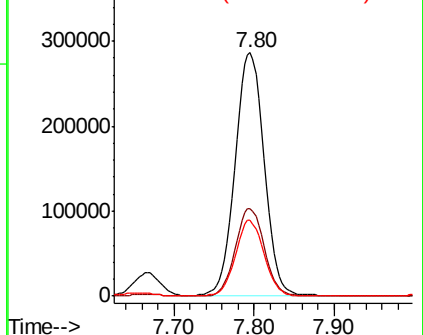


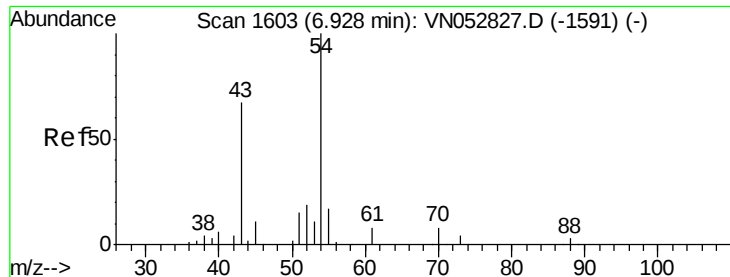
#36
 1,1-Dichloropropene
 Concen: 50.108 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 75 Resp: 700937
 Ion Ratio Lower Upper
 75 100
 110 35.8 18.2 54.6
 77 30.8 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

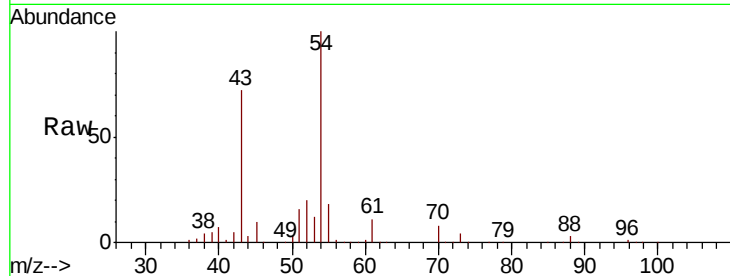




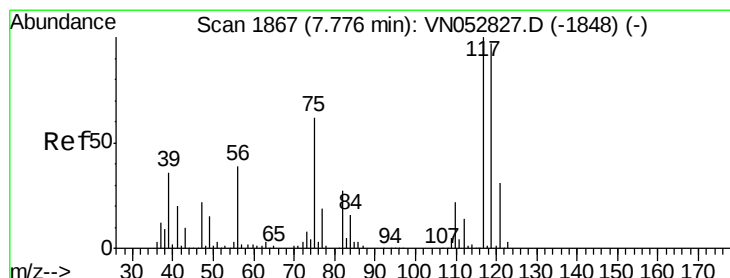
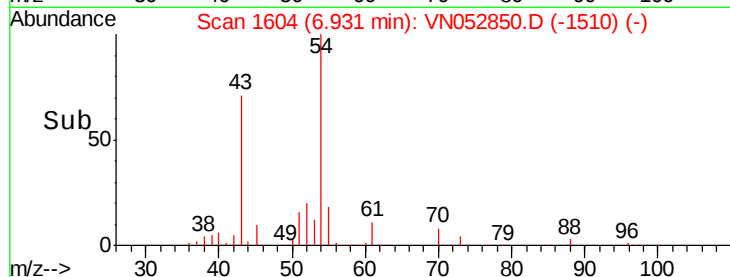
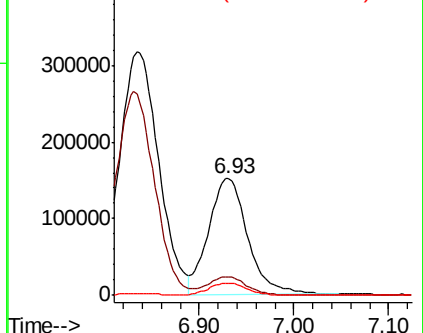
#37
Ethyl Acetate
Concen: 51.762 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 434972
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 10.6 8.4 12.6

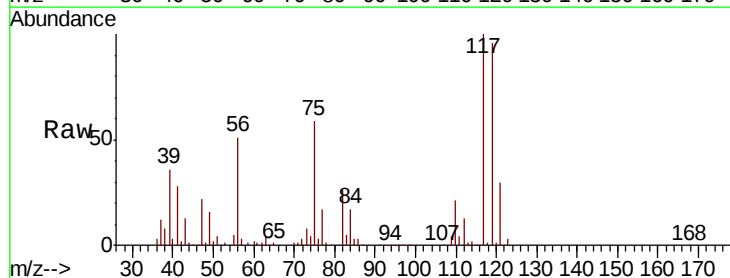


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

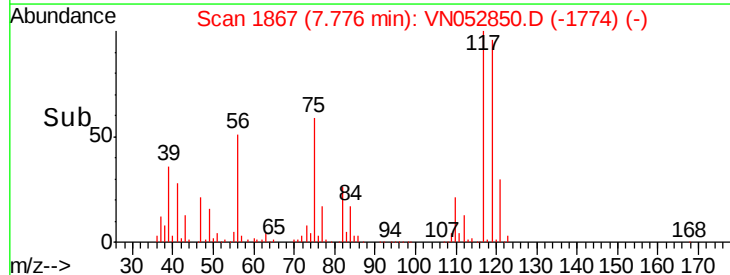
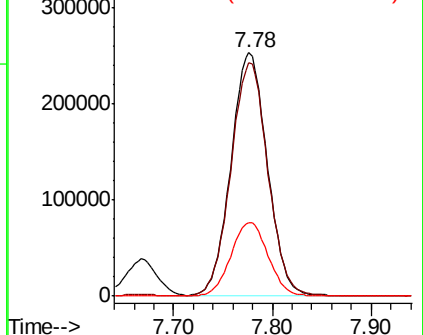


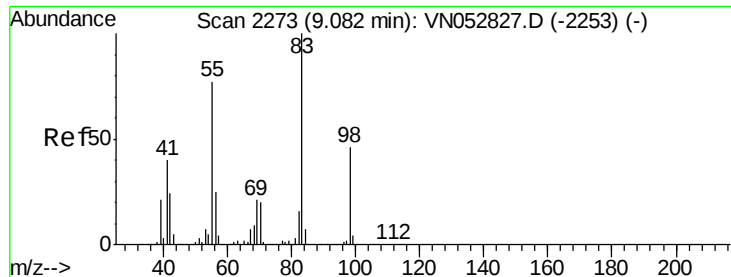
#38
Carbon Tetrachloride
Concen: 50.123 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion: 117 Resp: 645364
Ion Ratio Lower Upper
117 100
119 95.8 77.1 115.7
121 30.3 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

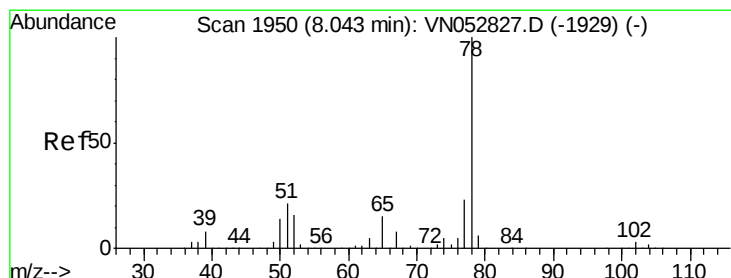
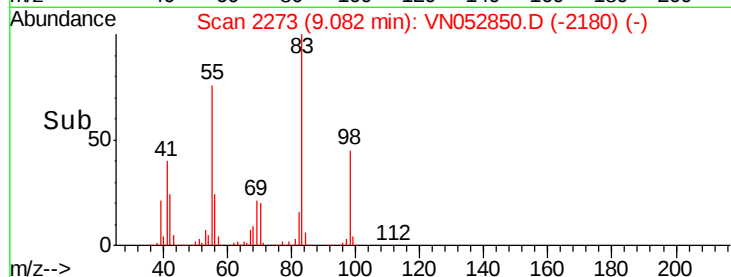
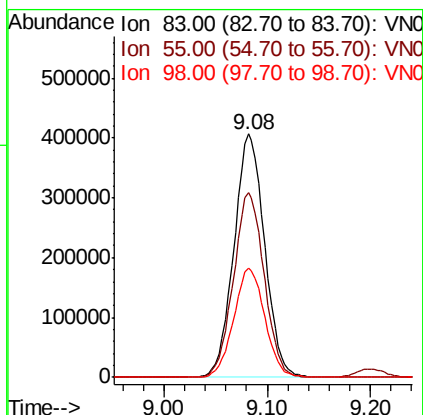
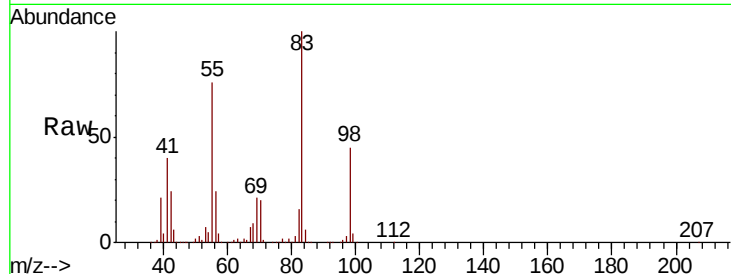




#39
Methvlcvclohexane
Concen: 48.990 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

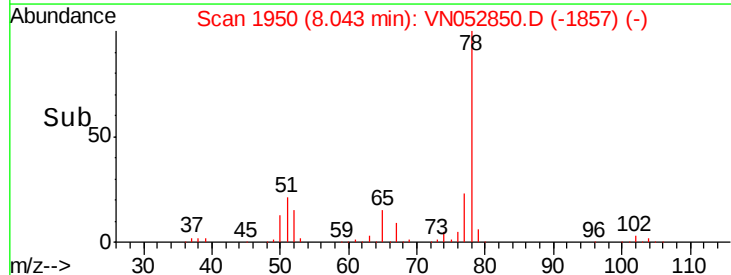
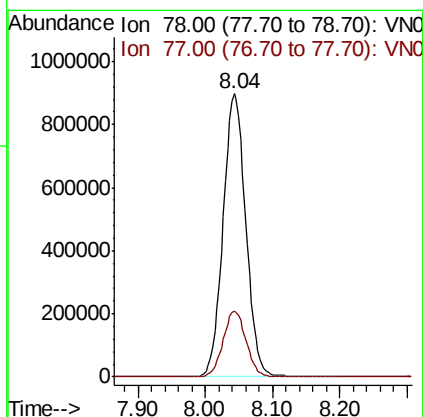
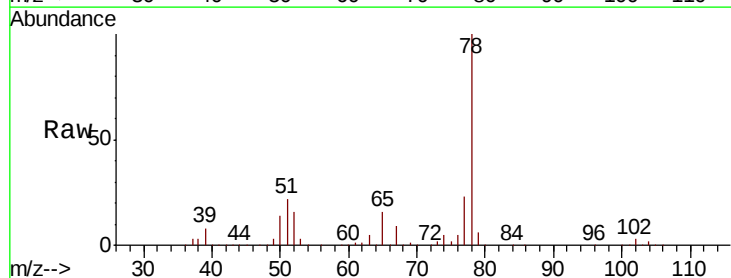
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

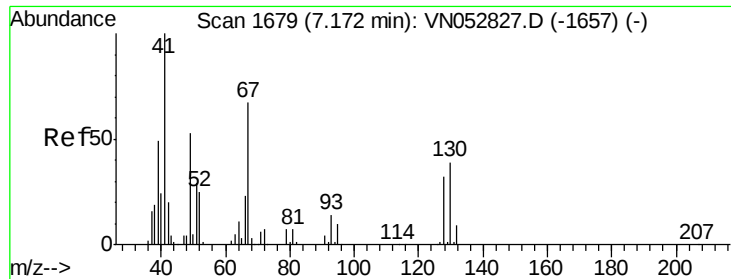
Tot Ion: 83 Resp: 840980
Ion Ratio Lower Upper
83 100
55 75.9 61.3 91.9
98 44.8 37.0 55.4



#40
Benzene
Concen: 50.253 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion: 78 Resp: 2109832
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7

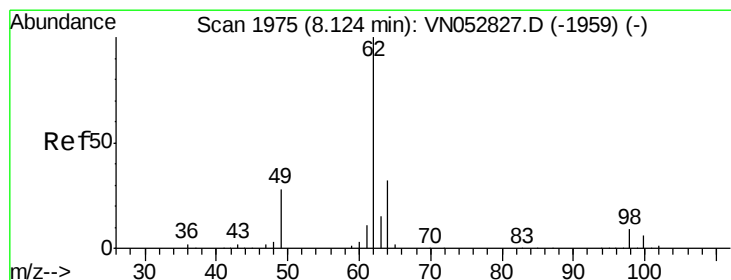
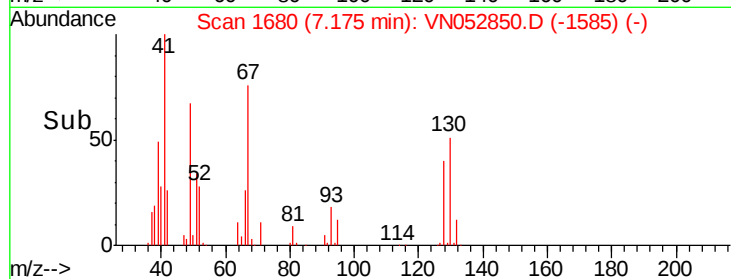
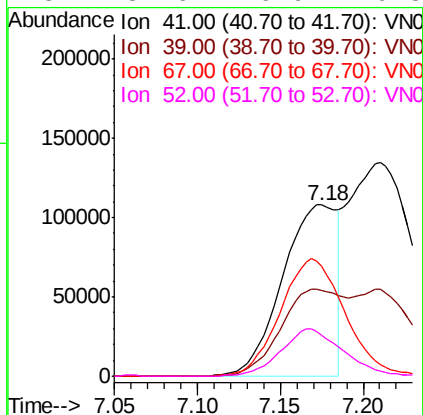
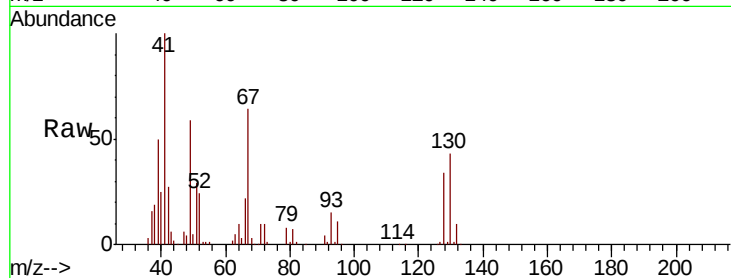




#41
Methacrylonitrile
Concen: 52.935 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

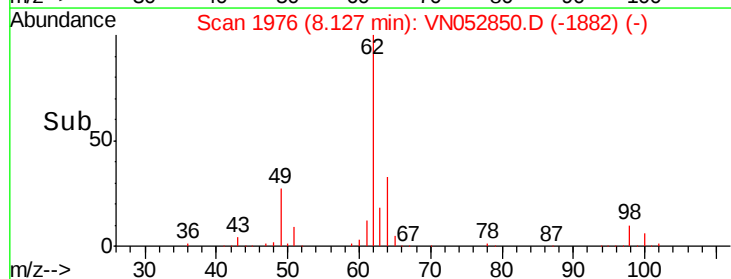
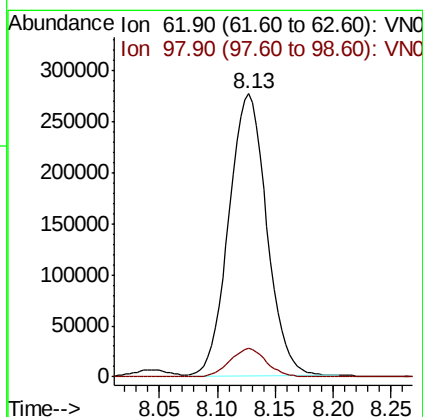
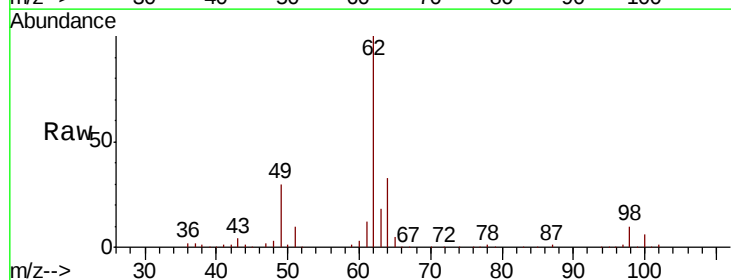
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

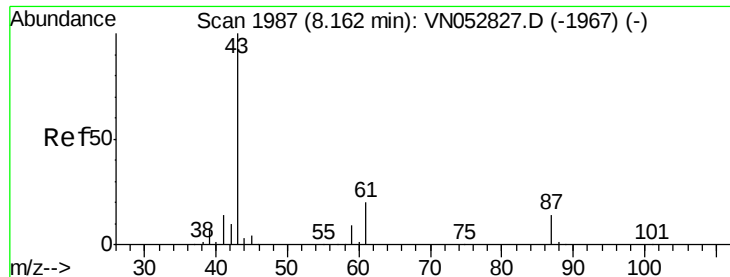
Tot Ion:	41	Resp:	246470
Ion	Ratio	Lower	Upper
41	100		
39	59.6	48.0	72.0
67	82.0	70.3	105.5
52	31.6	26.9	40.3



#42
1,2-Dichloroethane
Concen: 49.843 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion:	62	Resp:	629996
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.0





#43

Isopropyl Acetate

Concen: 48.218 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

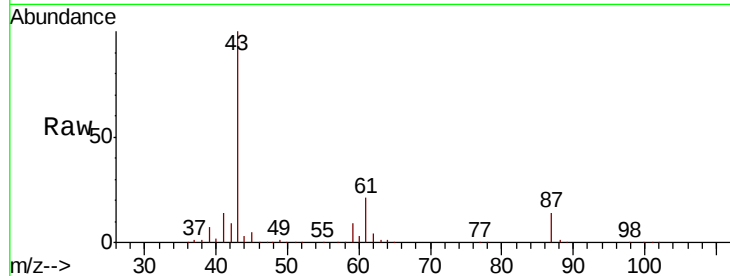
Tot Ion: 43 Resp: 830759

Ion Ratio Lower Upper

43 100

61 27.9 22.9 34.3

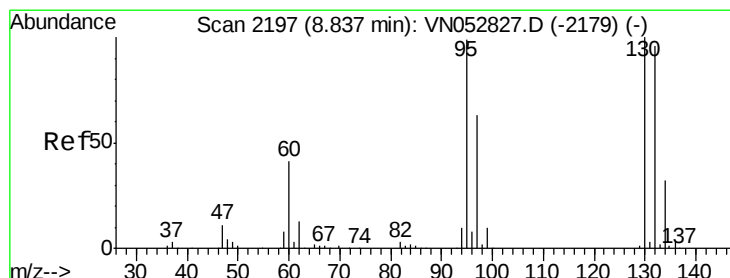
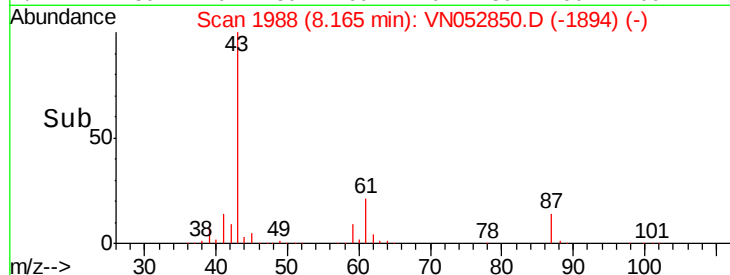
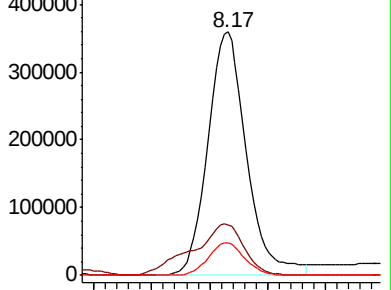
87 12.7 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)



#44

Trichloroethene

Concen: 49.629 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052850.D

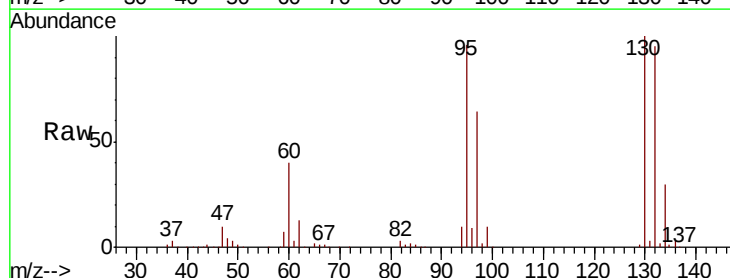
Acq: 13 Dec 2018 1:34

Tgt Ion: 130 Resp: 562813

Ion Ratio Lower Upper

130 100

95 95.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052827.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052827.D (-2179) (-)

Ion 130.00 (129.70 to 130.30): VN052827.D (-2179) (-)

Ion 137.00 (136.70 to 137.30): VN052827.D (-2179) (-)

Ion 139.00 (138.70 to 139.30): VN052827.D (-2179) (-)

Ion 141.00 (140.70 to 141.30): VN052827.D (-2179) (-)

Ion 143.00 (142.70 to 143.30): VN052827.D (-2179) (-)

Ion 145.00 (144.70 to 145.30): VN052827.D (-2179) (-)

Ion 147.00 (146.70 to 147.30): VN052827.D (-2179) (-)

Ion 149.00 (148.70 to 149.30): VN052827.D (-2179) (-)

Ion 151.00 (150.70 to 151.30): VN052827.D (-2179) (-)

Ion 153.00 (152.70 to 153.30): VN052827.D (-2179) (-)

Ion 155.00 (154.70 to 155.30): VN052827.D (-2179) (-)

Ion 157.00 (156.70 to 157.30): VN052827.D (-2179) (-)

Ion 159.00 (158.70 to 159.30): VN052827.D (-2179) (-)

Ion 161.00 (160.70 to 161.30): VN052827.D (-2179) (-)

Ion 163.00 (162.70 to 163.30): VN052827.D (-2179) (-)

Ion 165.00 (164.70 to 165.30): VN052827.D (-2179) (-)

Ion 167.00 (166.70 to 167.30): VN052827.D (-2179) (-)

Ion 169.00 (168.70 to 169.30): VN052827.D (-2179) (-)

Ion 171.00 (170.70 to 171.30): VN052827.D (-2179) (-)

Ion 173.00 (172.70 to 173.30): VN052827.D (-2179) (-)

Ion 175.00 (174.70 to 175.30): VN052827.D (-2179) (-)

Ion 177.00 (176.70 to 177.30): VN052827.D (-2179) (-)

Ion 179.00 (178.70 to 179.30): VN052827.D (-2179) (-)

Ion 181.00 (180.70 to 181.30): VN052827.D (-2179) (-)

Ion 183.00 (182.70 to 183.30): VN052827.D (-2179) (-)

Ion 185.00 (184.70 to 185.30): VN052827.D (-2179) (-)

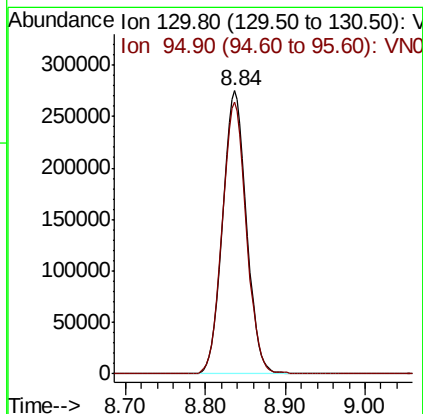
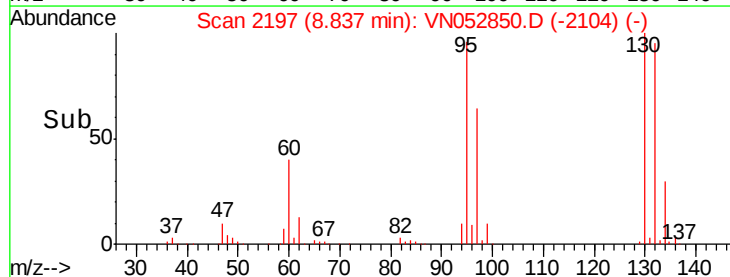
Ion 187.00 (186.70 to 187.30): VN052827.D (-2179) (-)

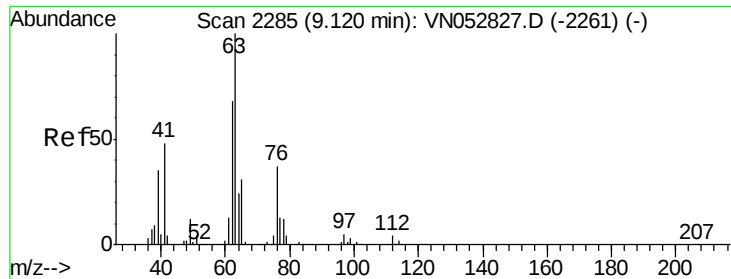
Ion 189.00 (188.70 to 189.30): VN052827.D (-2179) (-)

Ion 191.00 (190.70 to 191.30): VN052827.D (-2179) (-)

Ion 193.00 (192.70 to 193.30): VN052827.D (-2179) (-)

Ion 195.00 (194.70 to 195.30): VN052827.D (-2179) (-)

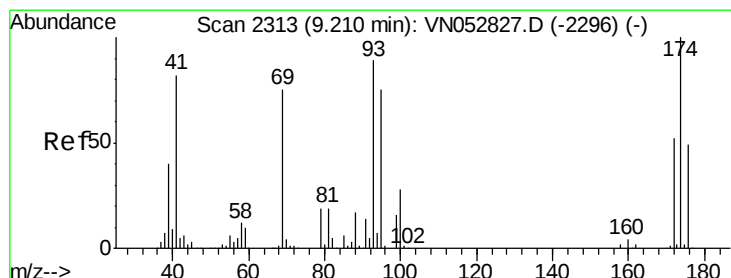
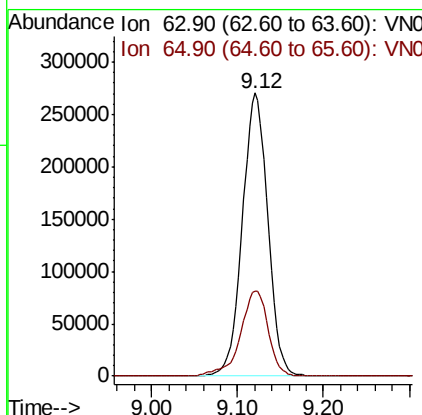
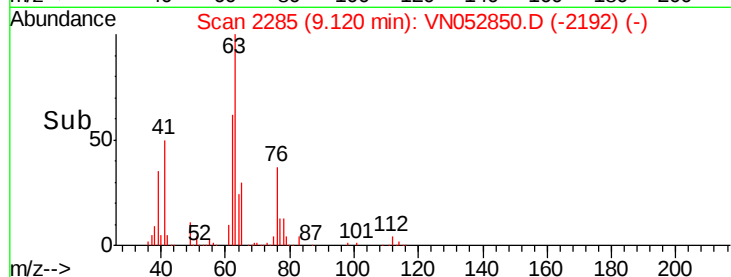
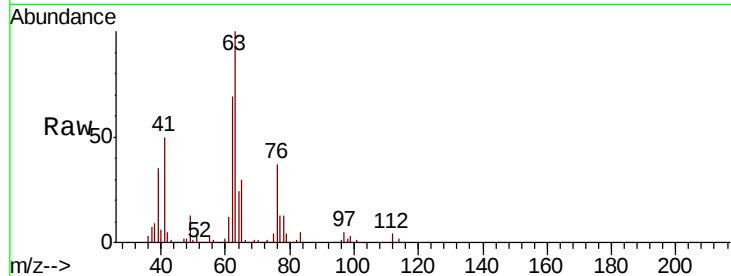




#45
 1,2-Dichloropropane
 Concen: 50.616 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

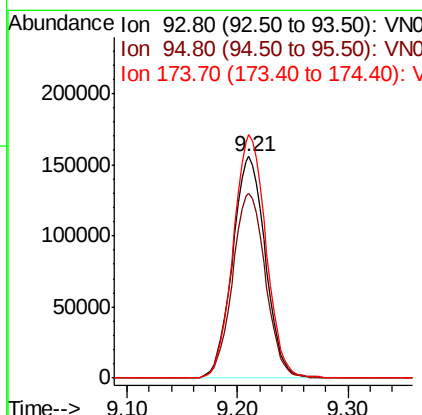
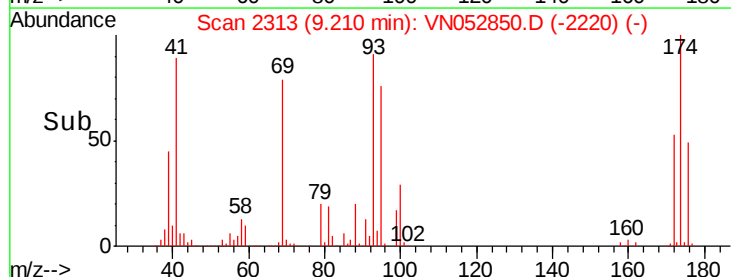
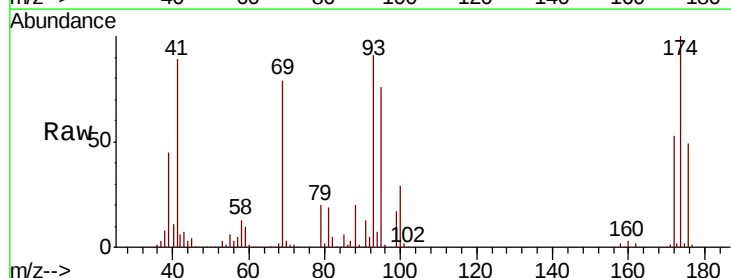
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

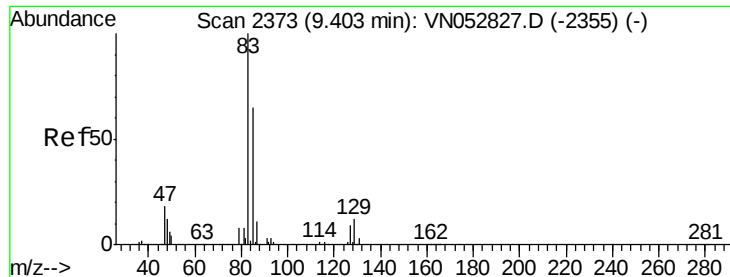
Tot Ion: 63 Resp: 55610
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.6 37.0



#46
 Dibromomethane
 Concen: 50.405 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 93 Resp: 321457
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.8 101.6
 174 109.6 89.0 133.4





#47

Bromodichloromethane

Concen: 51.340 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

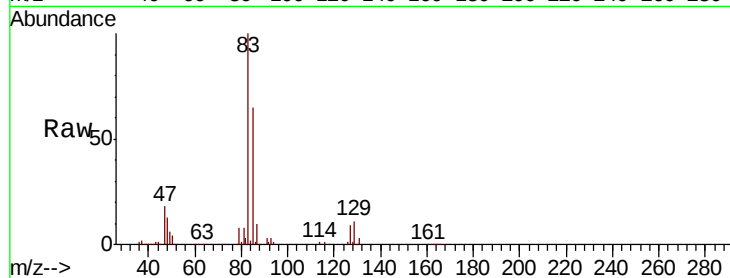
Tot Ion: 83 Resp: 678978

Ion Ratio Lower Upper

83 100

85 64.6 51.6 77.4

127 8.9 7.1 10.7

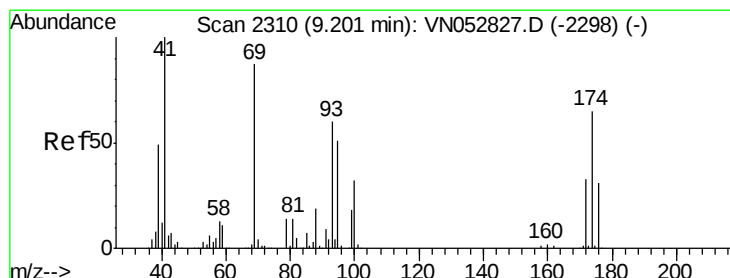
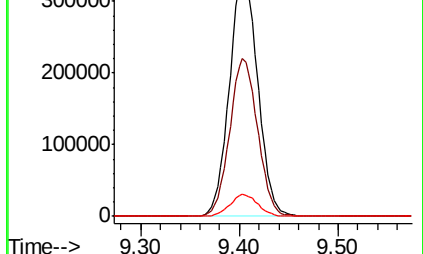
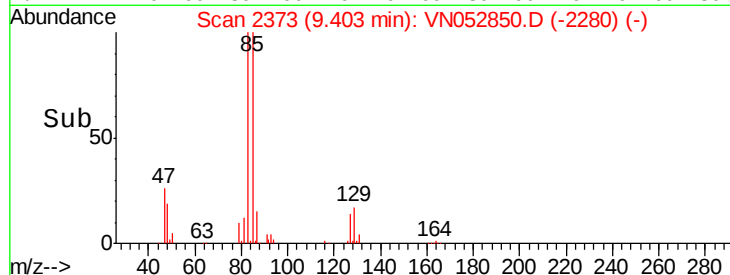


Abundance Ion 82.90 (82.60 to 83.60): VN052850.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052850.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052850.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 52.774 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

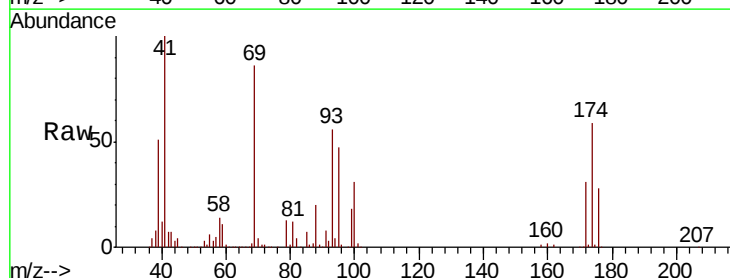
Tgt Ion: 41 Resp: 398752

Ion Ratio Lower Upper

41 100

69 89.7 72.2 108.2

39 53.0 41.9 62.9

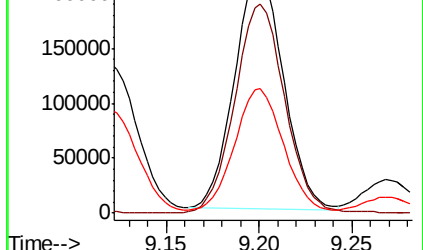
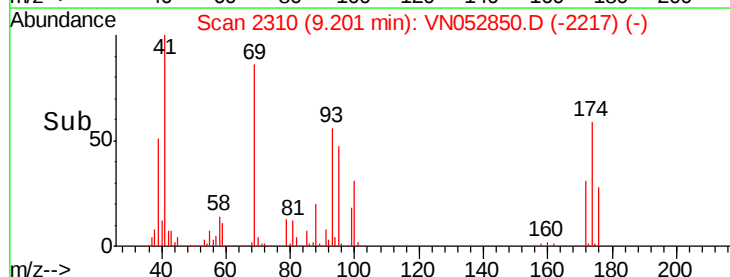


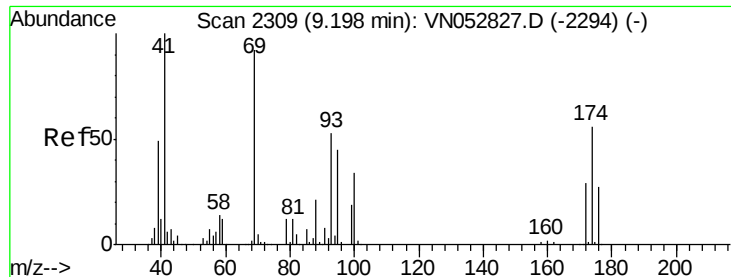
Abundance Ion 41.00 (40.70 to 41.70): VN052850.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN052850.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN052850.D (-2217) (-)

Time-->

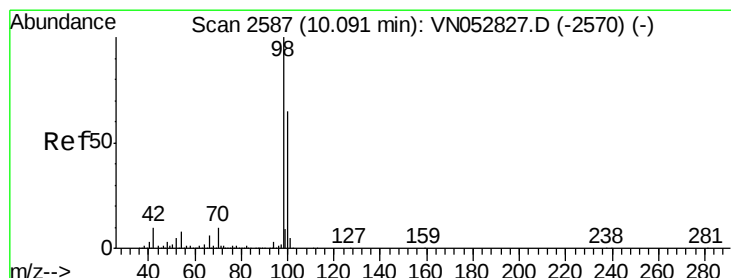
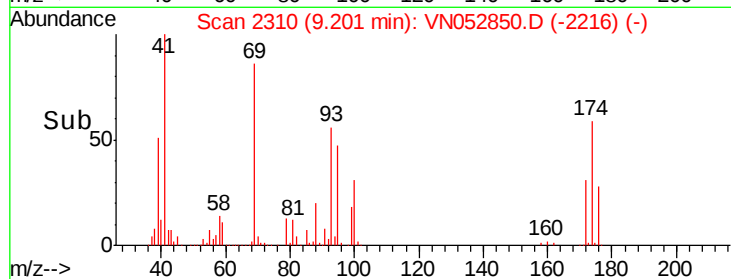
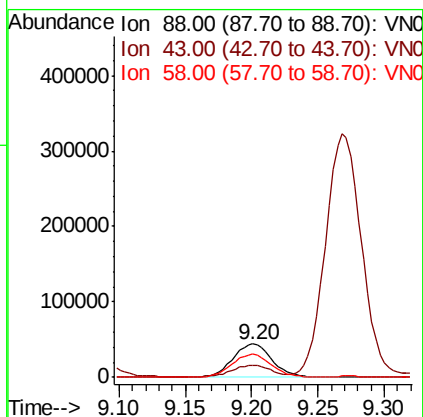
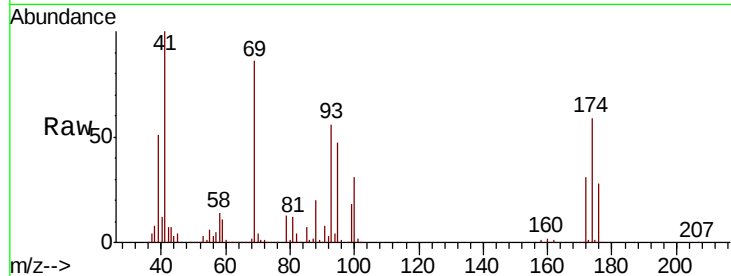




#49
 1,4-Dioxane
 Concen: 1064.497 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

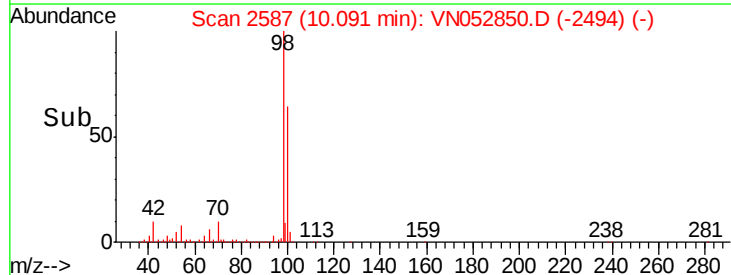
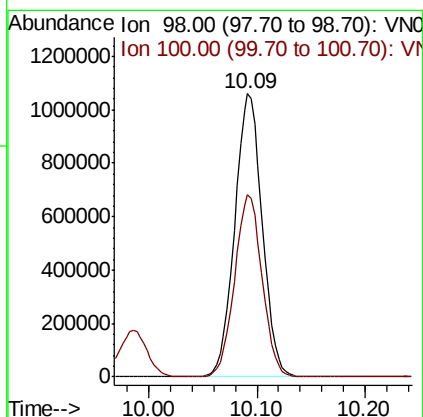
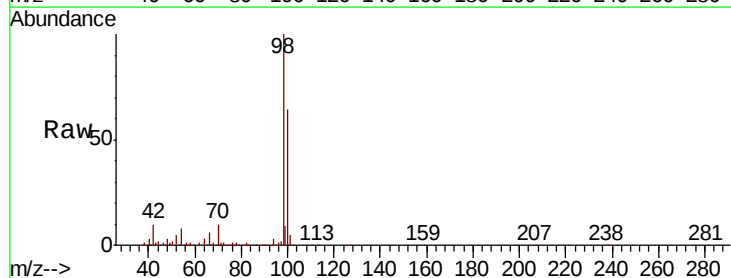
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 91296
 Ion Ratio Lower Upper
 88 100
 43 33.0 26.6 40.0
 58 69.6 58.4 87.6



#50
 Toluene-d8
 Concen: 1064.497 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 98 Resp: 1881123
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.6 77.4

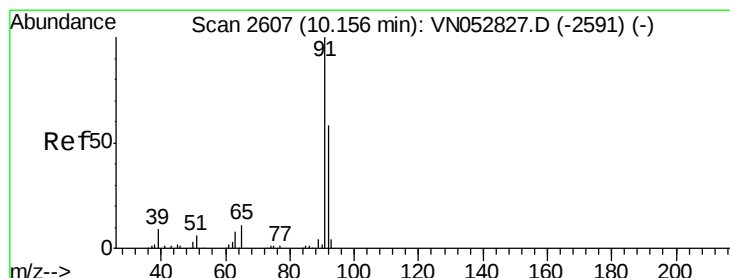
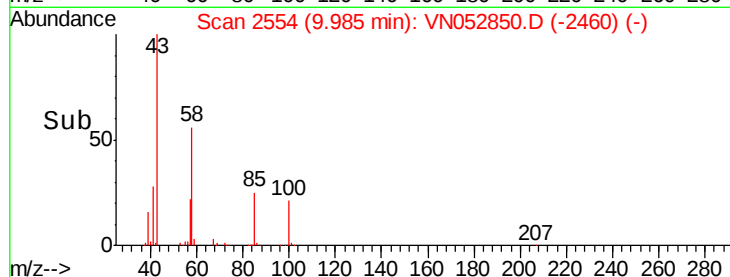
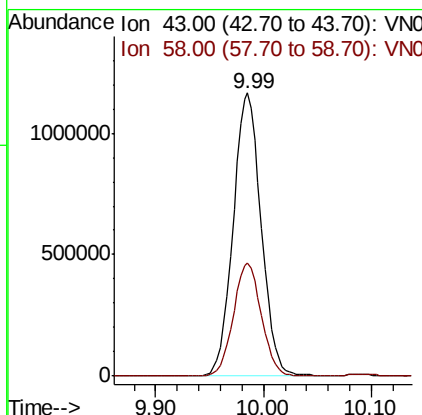
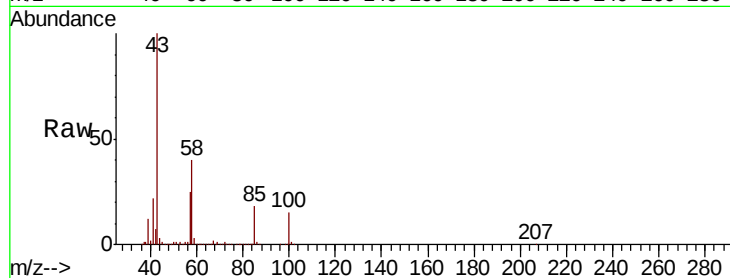




#51
 4-Methyl-2-Pentanone
 Concen: 266.214 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

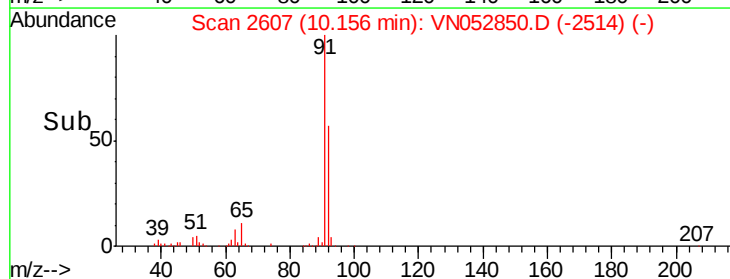
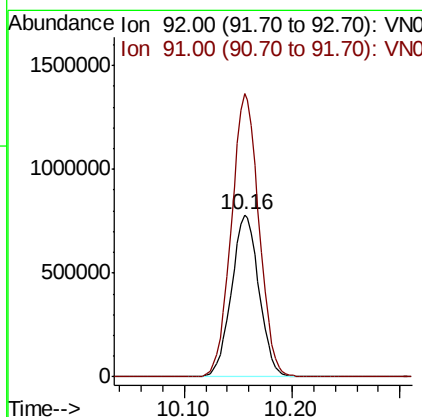
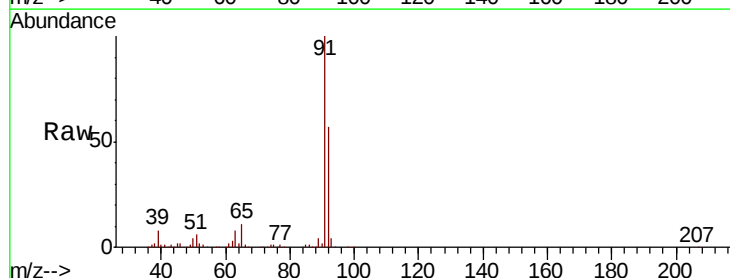
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

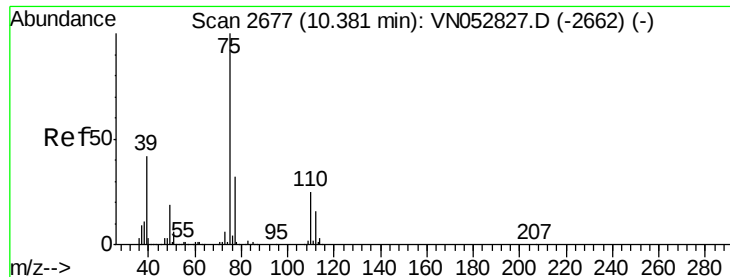
Tot Ion: 43 Resp: 2103175
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.2 48.4



#52
 Toluene
 Concen: 54.531 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 92 Resp: 1386641
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 51.077 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

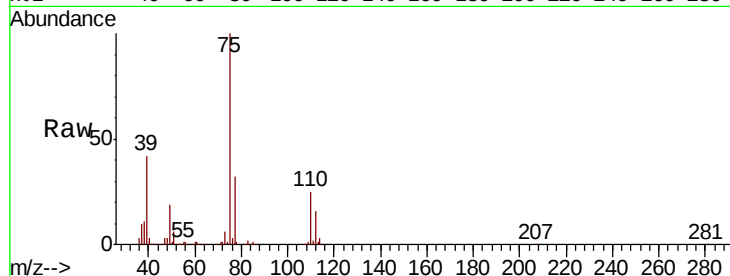
VSTDCCC050EC

Tot Ion: 75 Resp: 679735

Ion Ratio Lower Upper

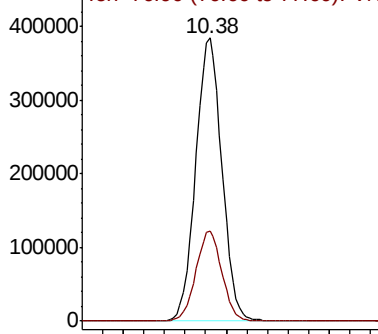
75 100

77 31.9 25.6 38.4

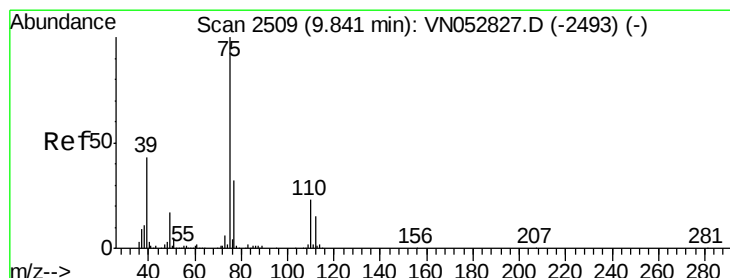
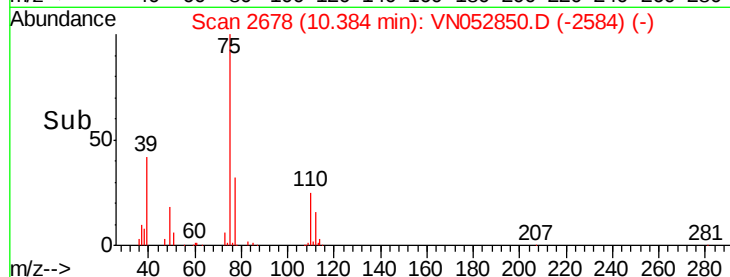


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.999 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

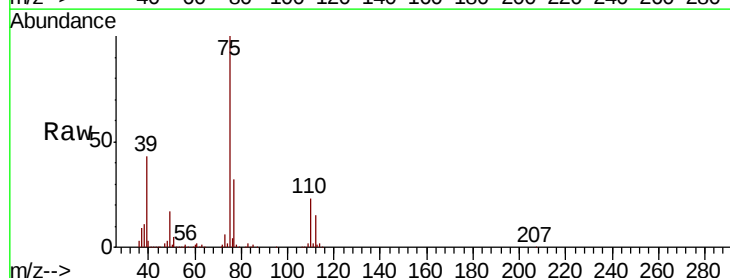
Tgt Ion: 75 Resp: 792906

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

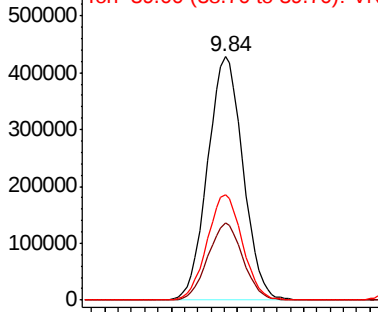
39 43.3 34.8 52.2



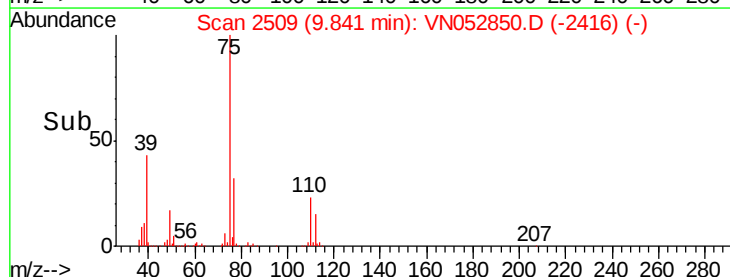
Abundance Ion 74.90 (74.60 to 75.60): VN0

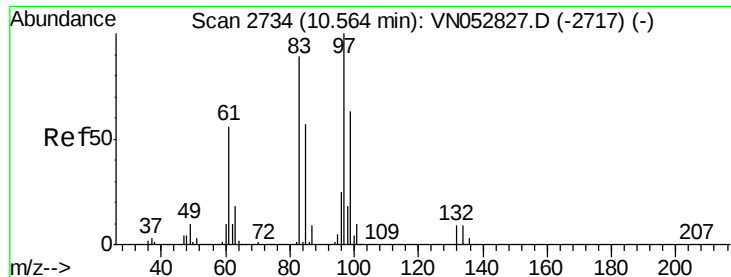
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->





#55

1,1,2-Trichloroethane

Concen: 51.108 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 463915

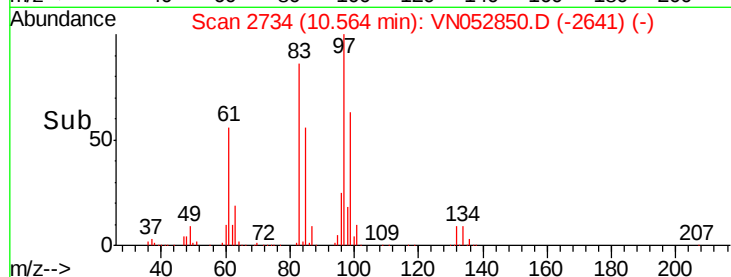
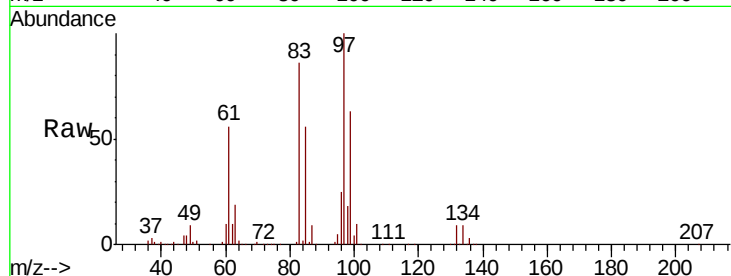
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.9	106.3
85	56.1	45.4	68.2
99	62.8	50.4	75.6

97 100

83 85.8 70.9 106.3

85 56.1 45.4 68.2

99 62.8 50.4 75.6



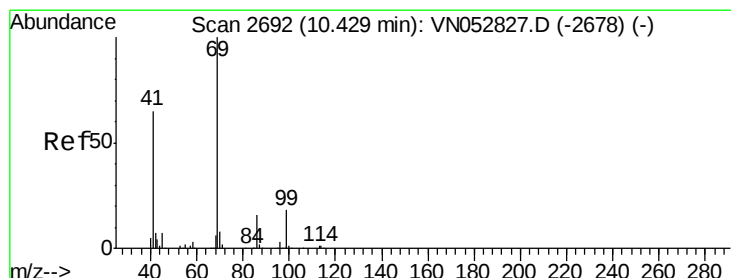
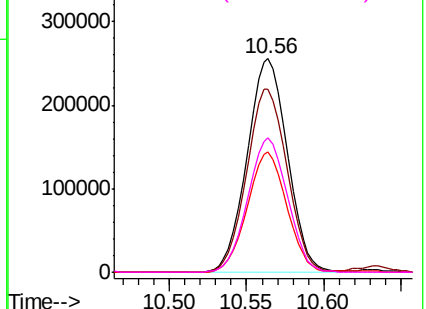
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 53.035 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

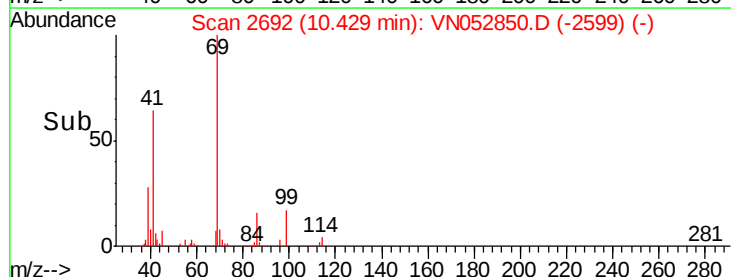
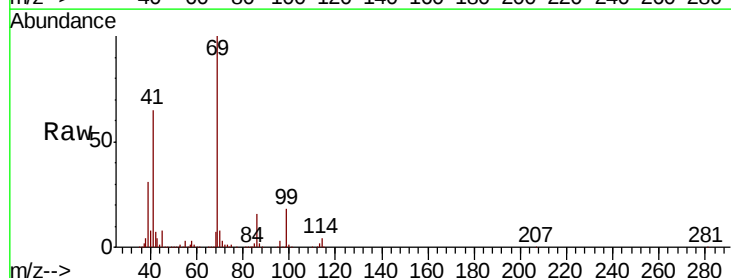
Tgt Ion: 69 Resp: 617816

Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.7	77.5
39	30.9	24.6	37.0

69 100

41 63.9 51.7 77.5

39 30.9 24.6 37.0

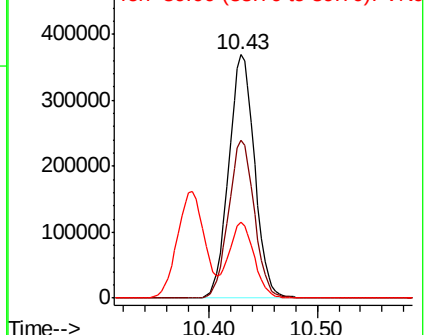


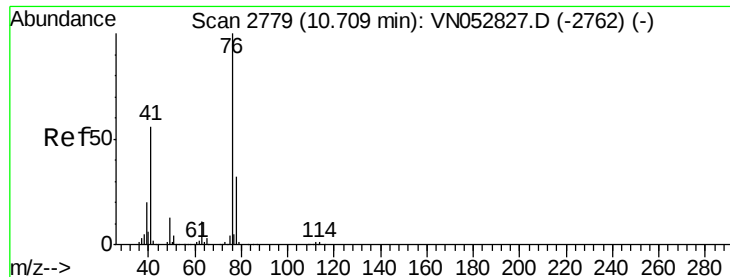
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 50.947 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

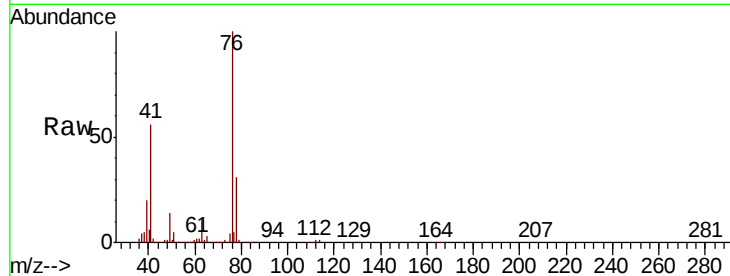
VSTDCCC050EC

Tot Ion: 76 Resp: 793042

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

400000

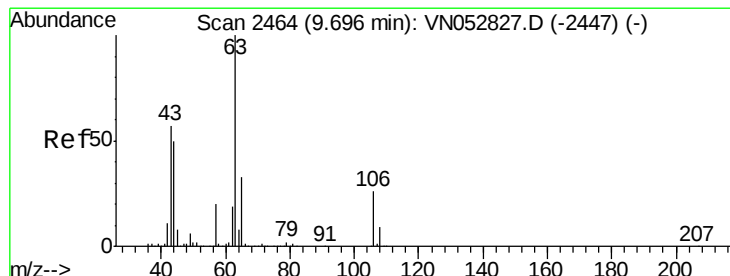
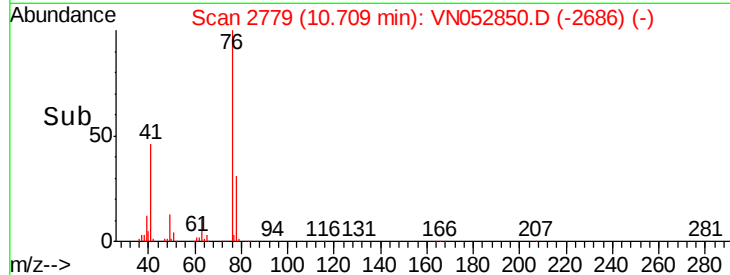
300000

200000

100000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 269.819 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052850.D

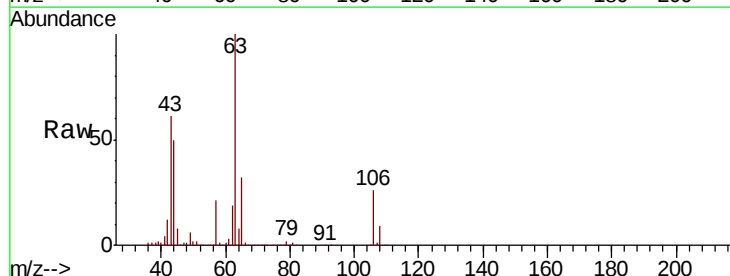
Acq: 13 Dec 2018 1:34

Tgt Ion: 63 Resp: 1753818

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

1000000

800000

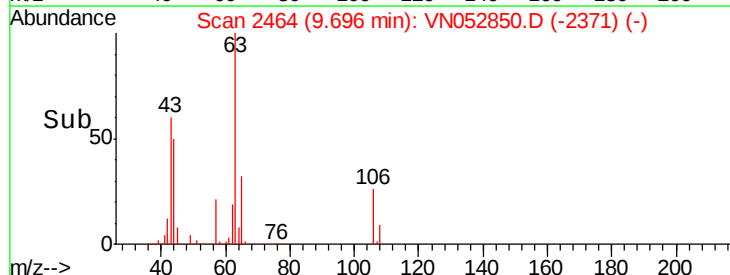
600000

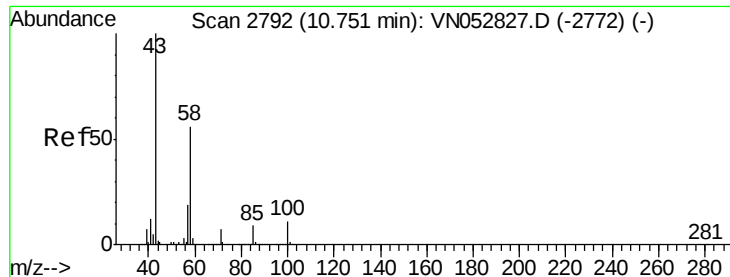
400000

200000

0

Time--> 9.60 9.70 9.80

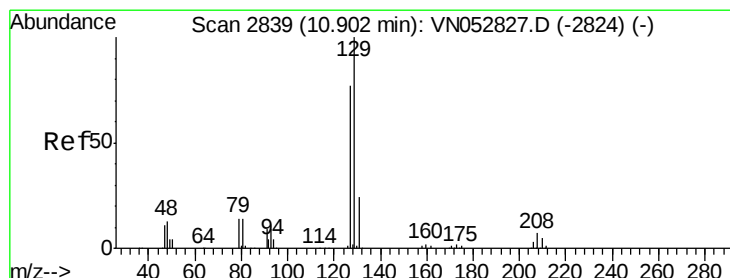
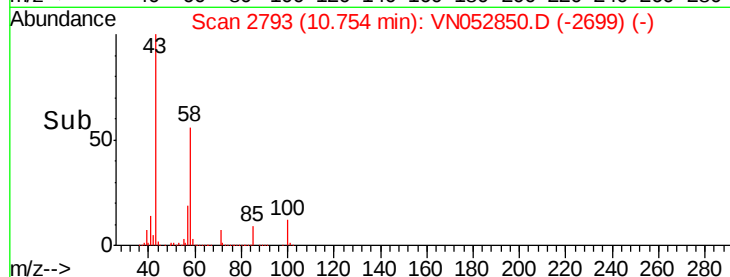
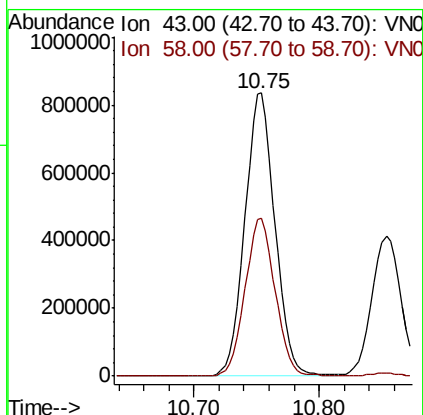
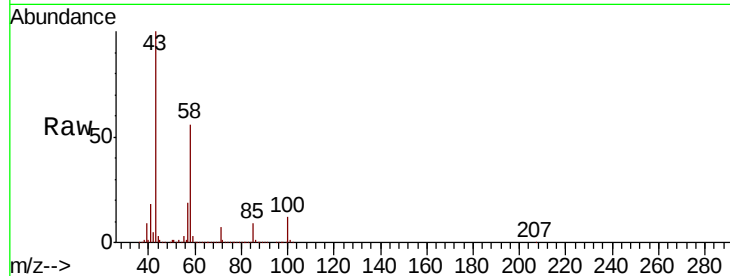




#59
2-Hexanone
Concen: 257.077 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

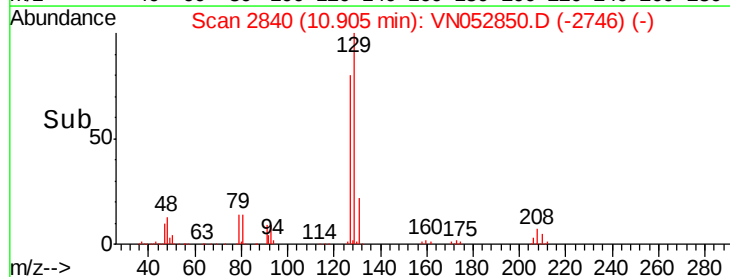
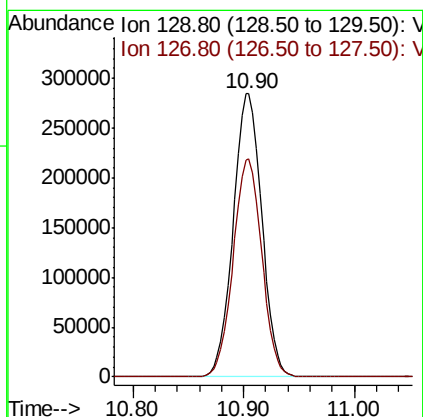
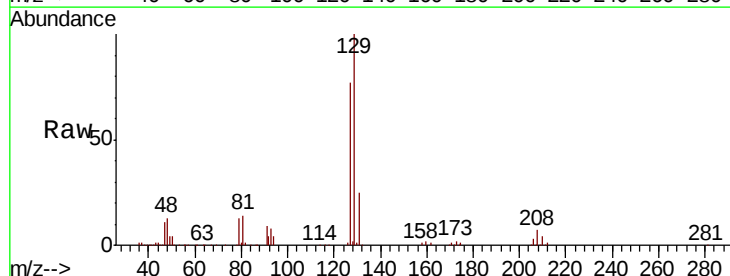
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

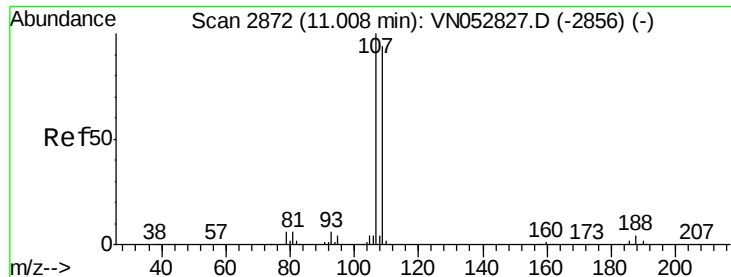
Tot Ion: 43 Resp: 1391876
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 52.167 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion: 129 Resp: 511774
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.650 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

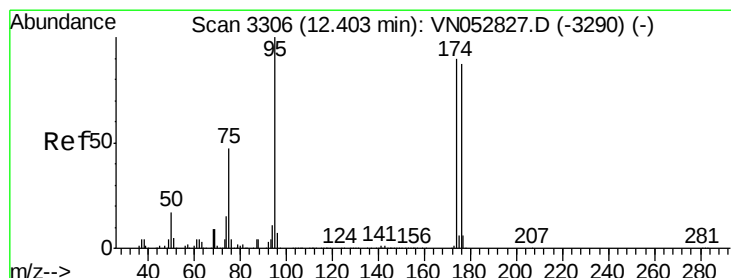
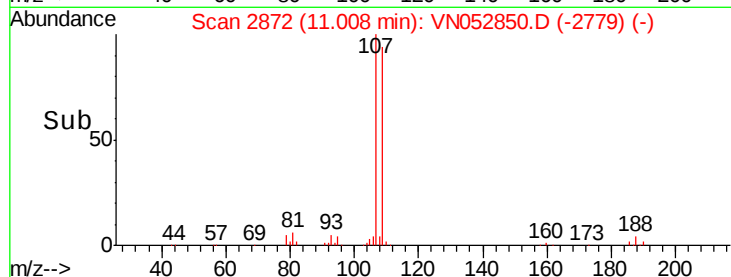
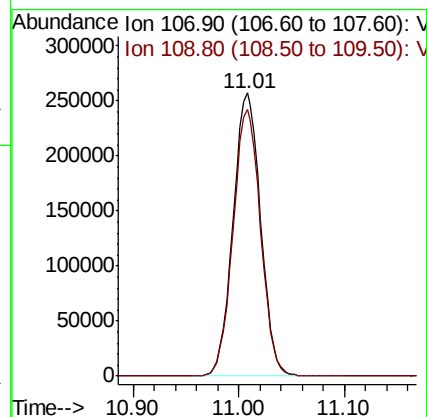
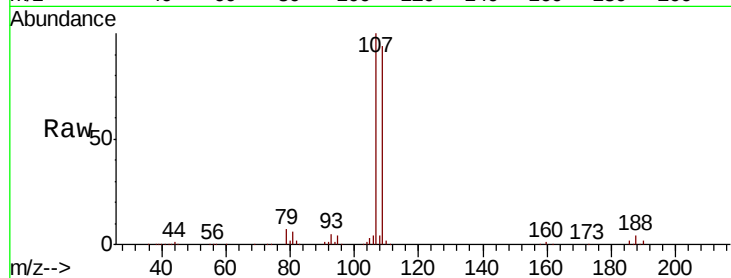
VSTDCCC050EC

Tot Ion:107 Resp: 463429

Ion Ratio Lower Upper

107 100

109 94.4 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 51.650 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

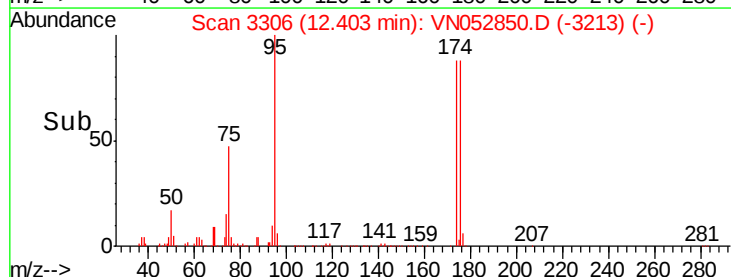
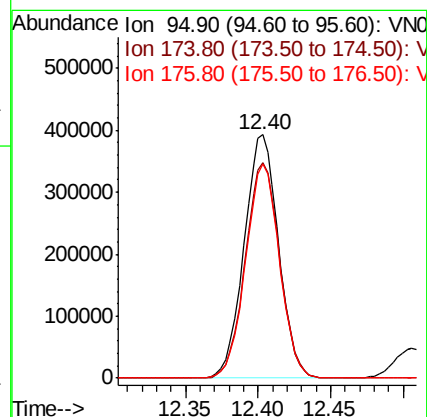
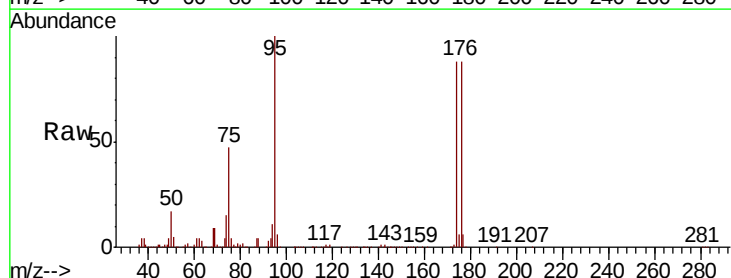
Tgt Ion: 95 Resp: 645537

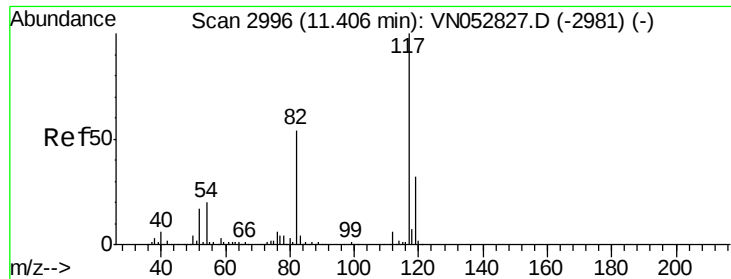
Ion Ratio Lower Upper

95 100

174 88.9 0.0 178.8

176 86.8 0.0 173.8

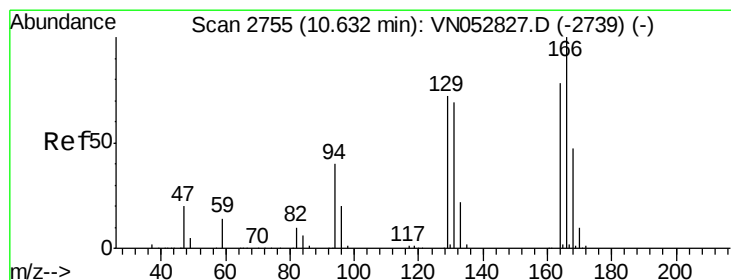
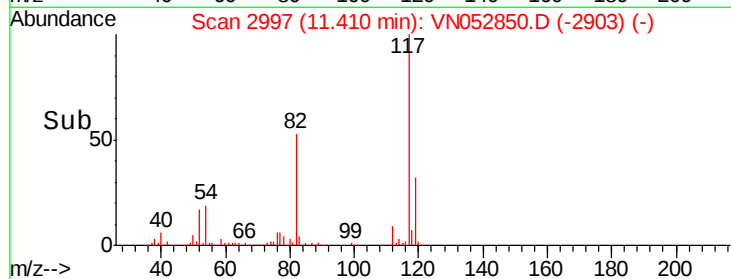
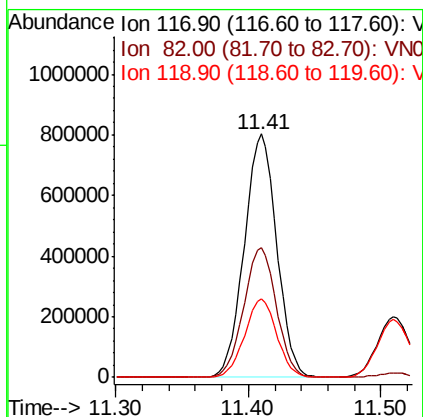
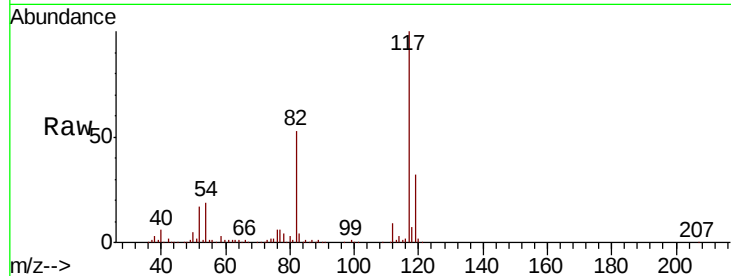




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

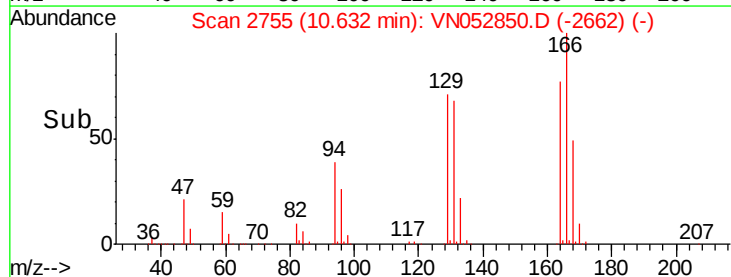
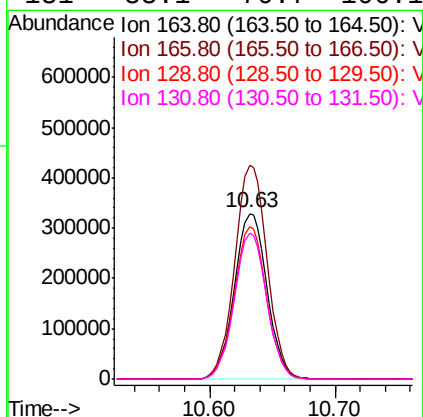
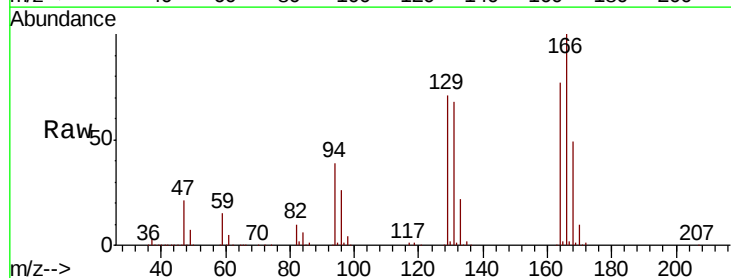
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

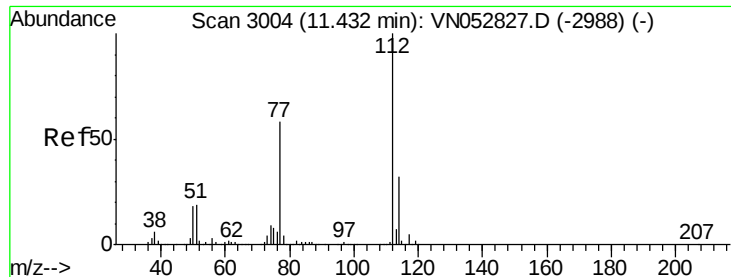
Tot Ion:117 Resp: 1362414
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 50.851 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion:164 Resp: 595448
Ion Ratio Lower Upper
164 100
166 129.0 102.9 154.3
129 92.0 73.7 110.5
131 88.1 70.7 106.1

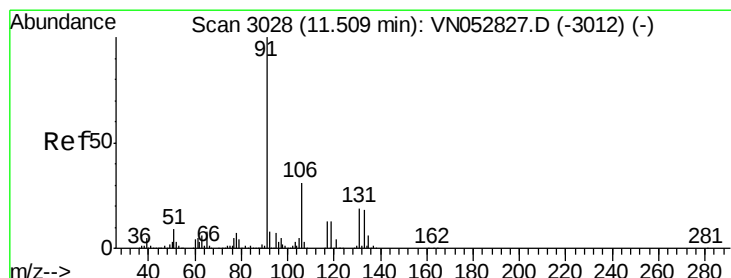
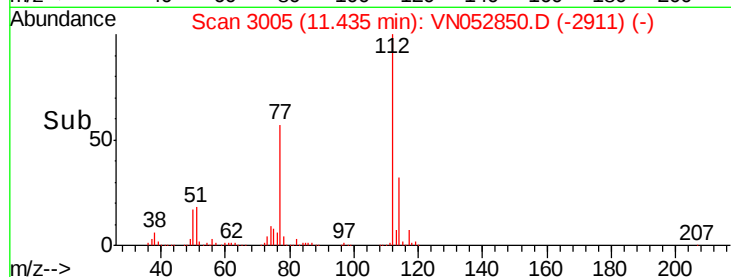
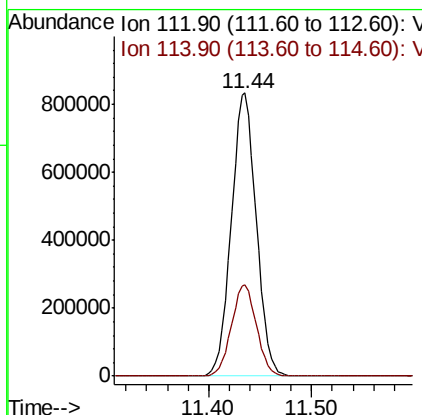
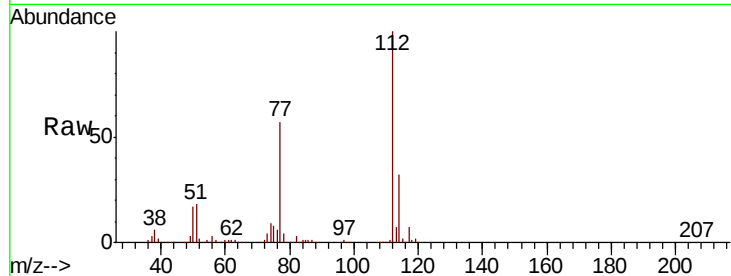




#65
Chlorobenzene
Concen: 49.756 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

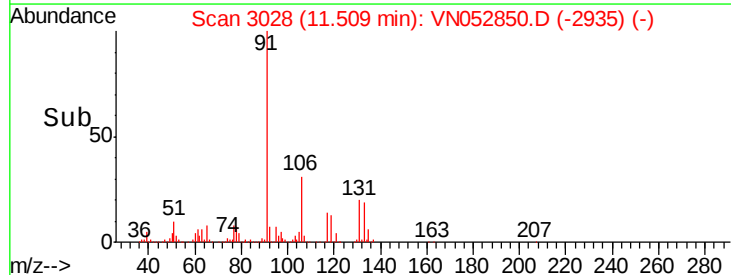
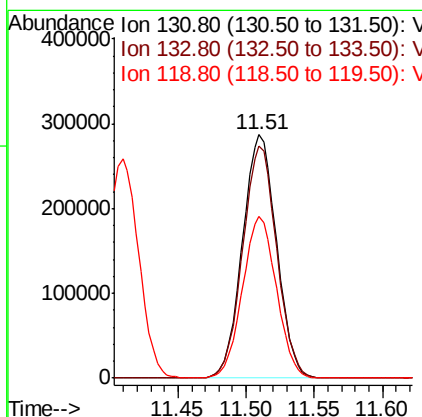
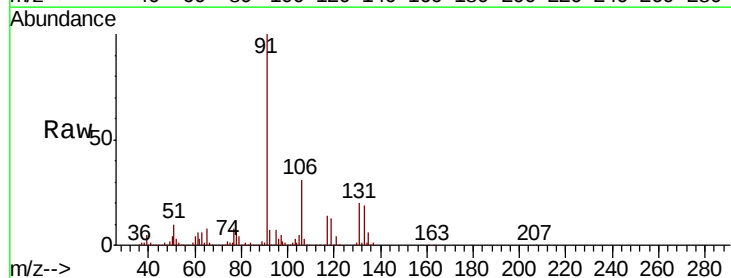
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

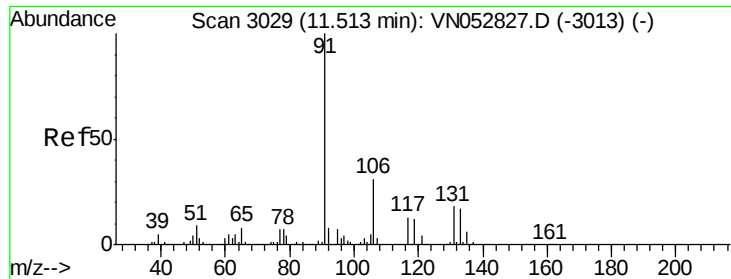
Tot Ion:112 Resp: 1406361
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.535 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion:131 Resp: 496775
Ion Ratio Lower Upper
131 100
133 95.4 47.6 142.9
119 66.3 33.3 99.8

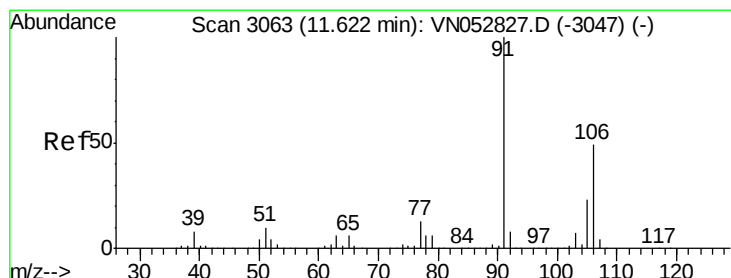
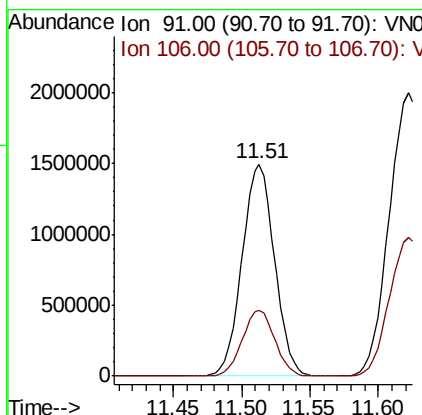
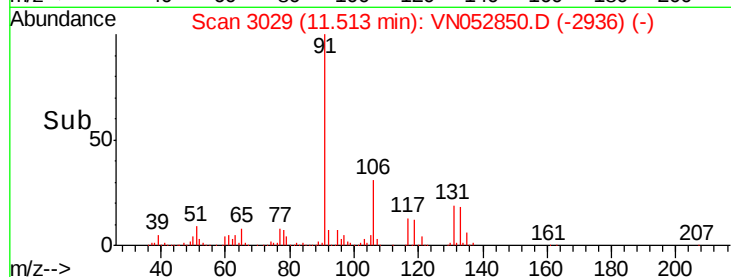
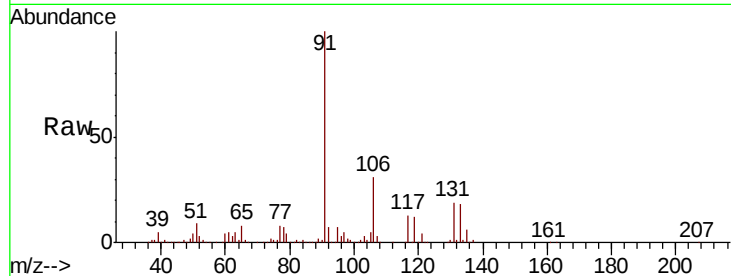




#67
Ethyl Benzene
Concen: 50.843 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

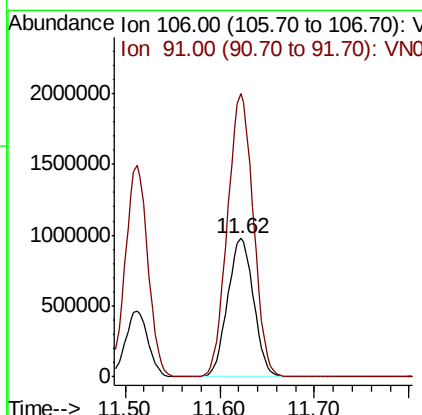
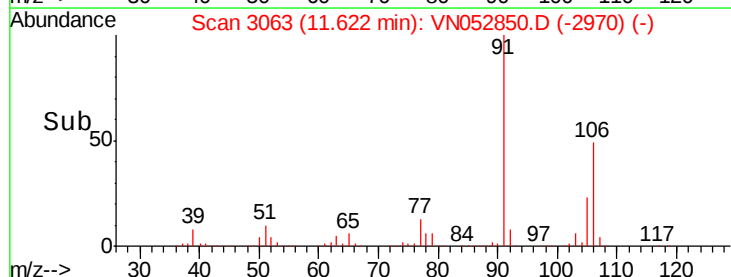
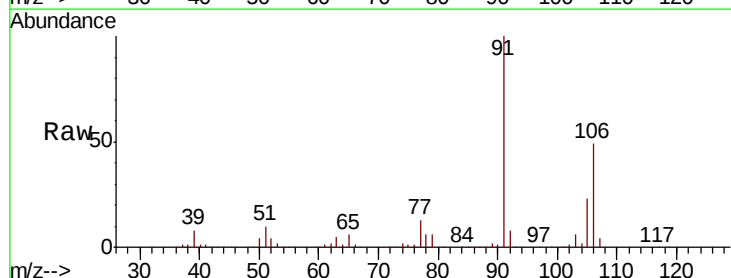
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

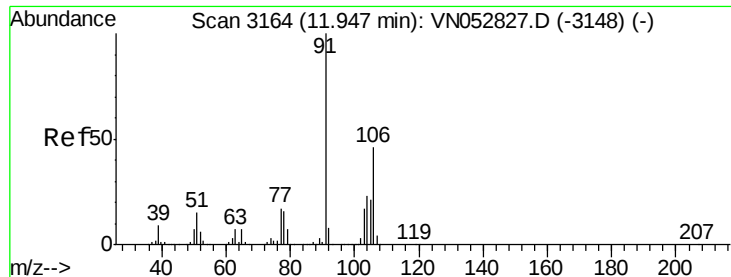
Tot Ion: 91 Resp: 2467938
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 102.102 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion: 106 Resp: 1860938
Ion Ratio Lower Upper
106 100
91 203.3 162.2 243.4

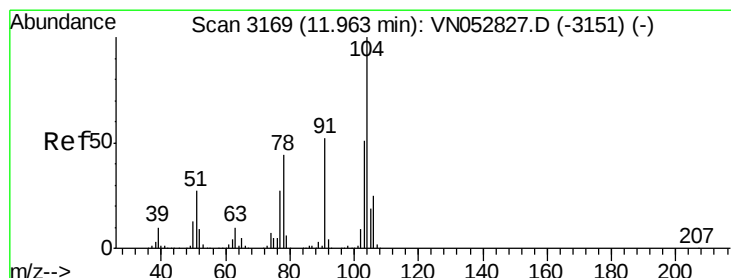
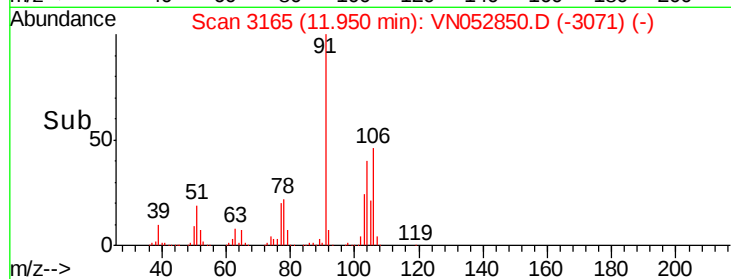
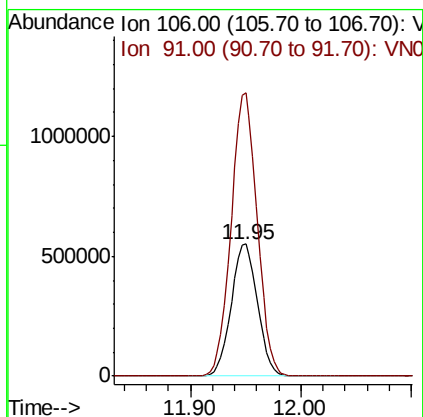
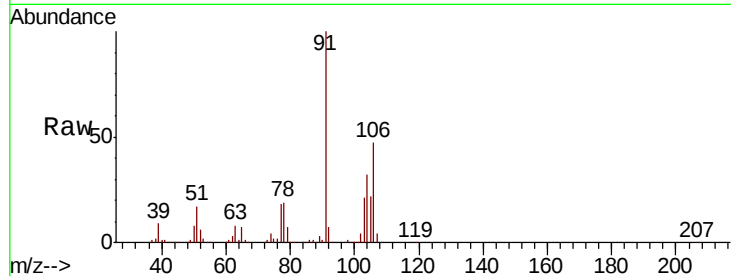




#69
o-Xylene
Concen: 51.169 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

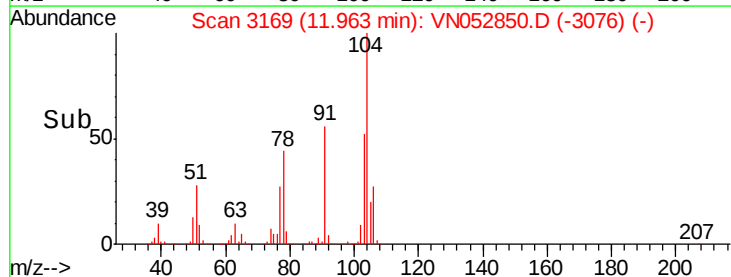
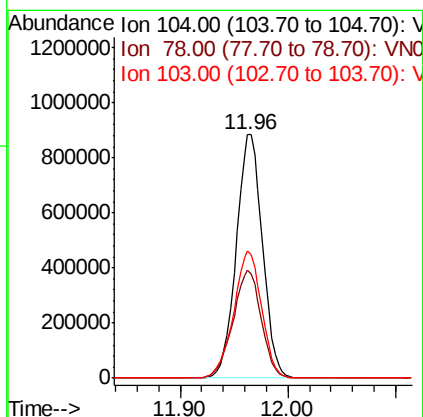
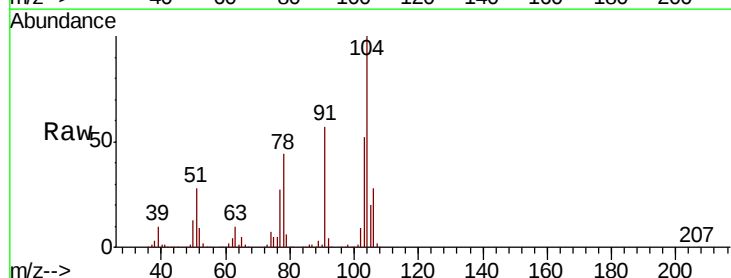
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

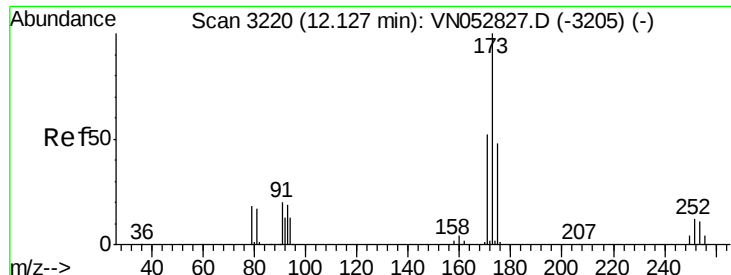
Tot Ion:106 Resp: 910687
Ion Ratio Lower Upper
106 100
91 212.4 106.6 319.8



#70
Styrene
Concen: 52.299 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052850.D
Acq: 13 Dec 2018 1:34

Tgt Ion:104 Resp: 1496303
Ion Ratio Lower Upper
104 100
78 47.8 38.9 58.3
103 55.6 44.3 66.5





#71

Bromoform

Concen: 51.876 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

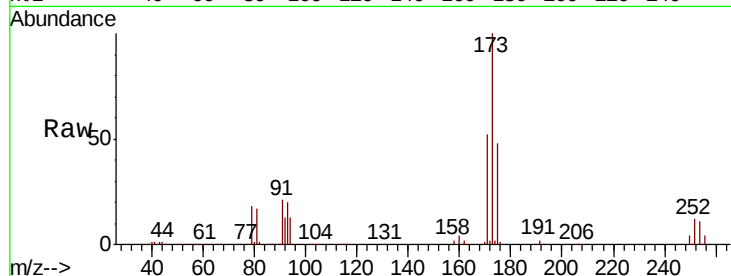
Tot Ion:173 Resp: 346445

Ion Ratio Lower Upper

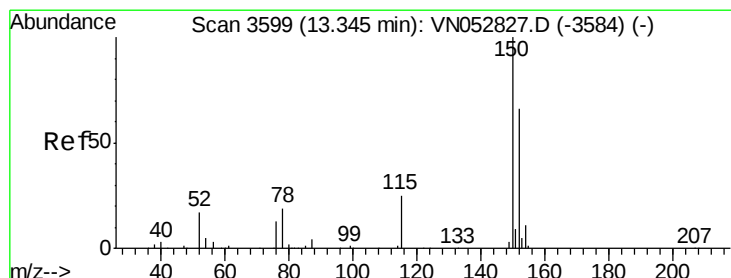
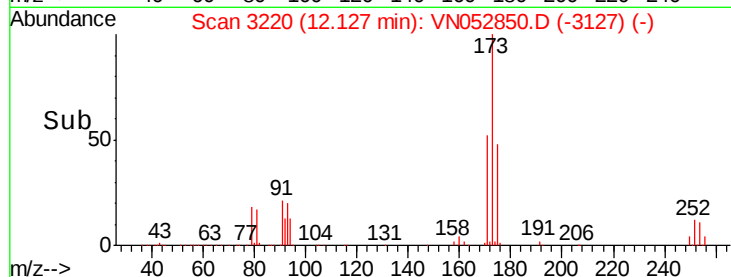
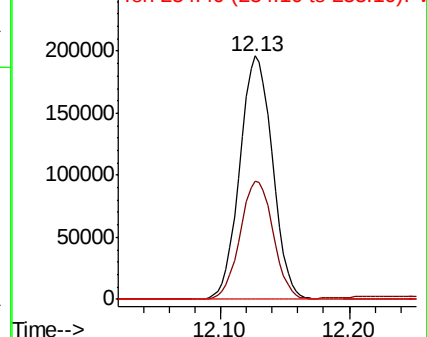
173 100

175 49.1 24.3 72.9

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

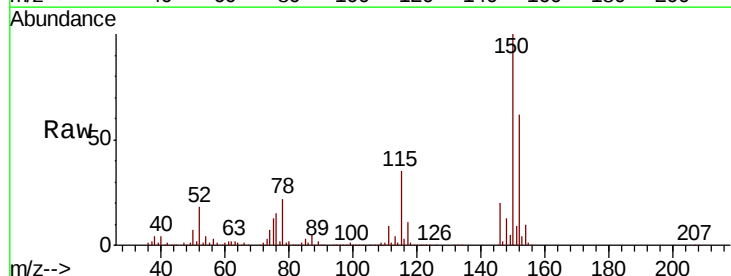
Tgt Ion:152 Resp: 646618

Ion Ratio Lower Upper

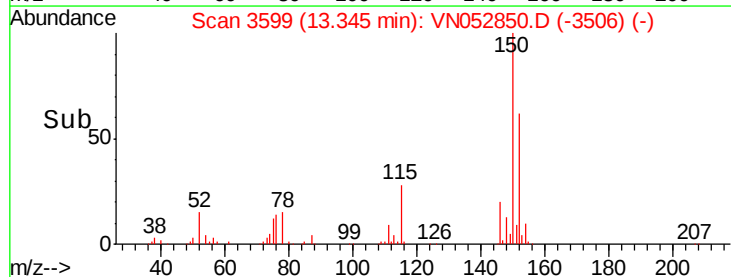
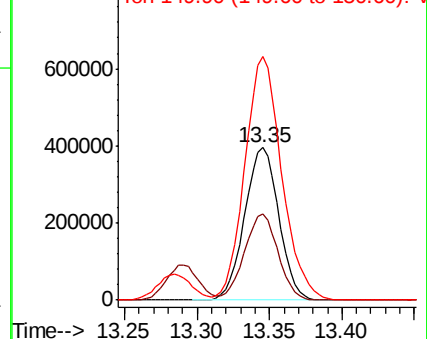
152 100

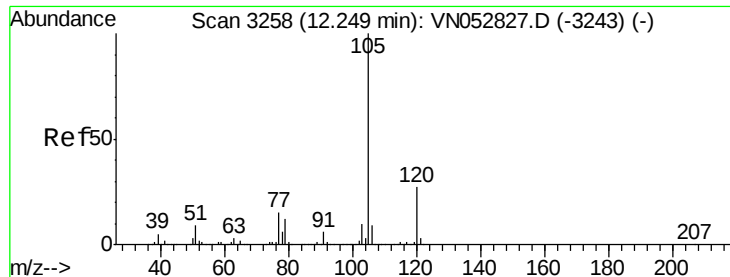
115 55.9 28.3 85.0

150 172.9 0.0 347.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.541 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

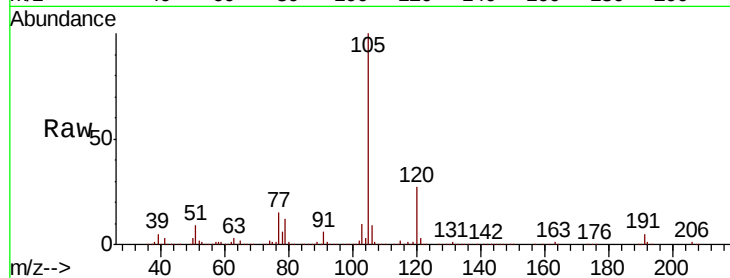
VSTDCCC050EC

Tot Ion:105 Resp: 2440043

Ion Ratio Lower Upper

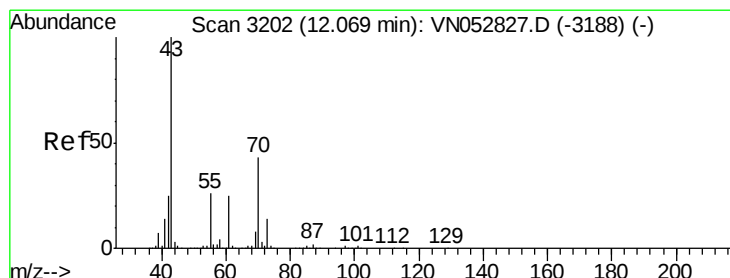
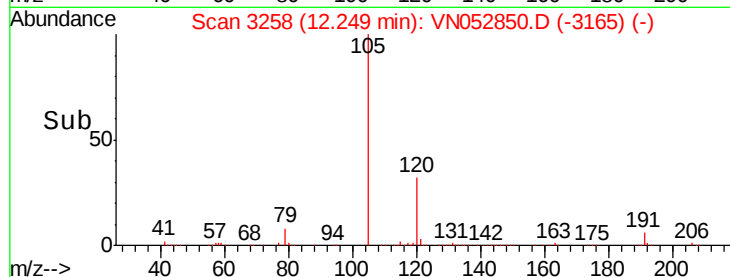
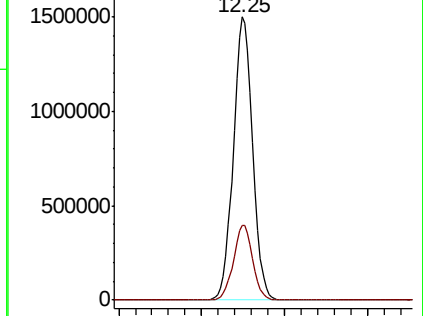
105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.816 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Tgt Ion: 43 Resp: 713310

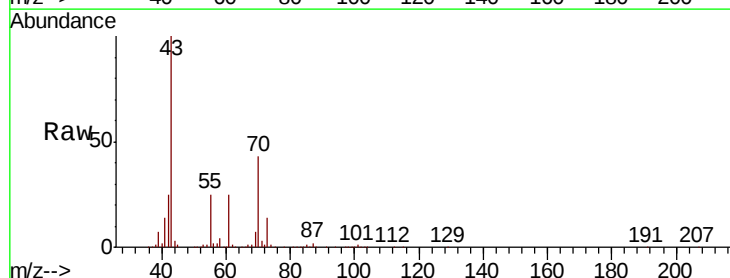
Ion Ratio Lower Upper

43 100

70 43.3 34.2 51.4

55 25.3 20.3 30.5

61 25.1 20.0 30.0

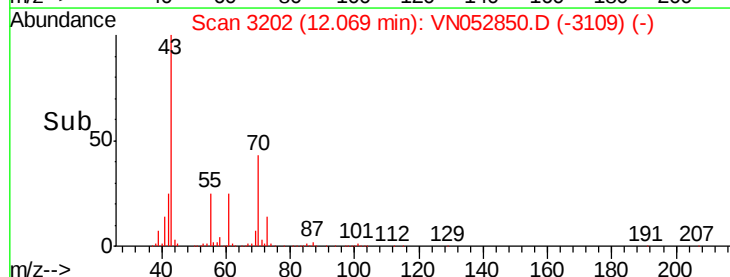
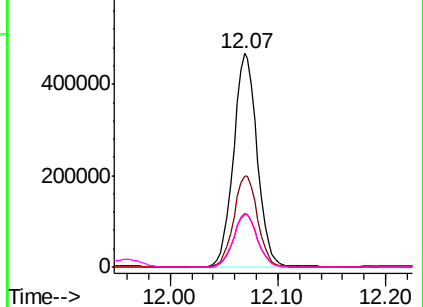


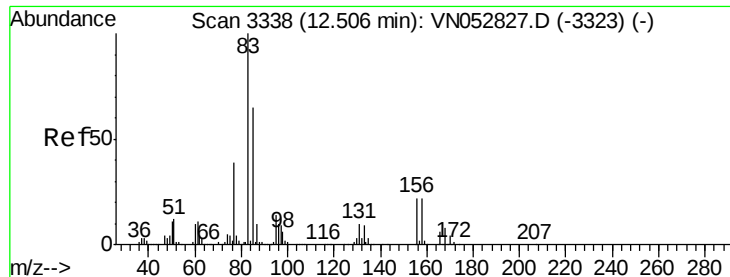
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.016 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

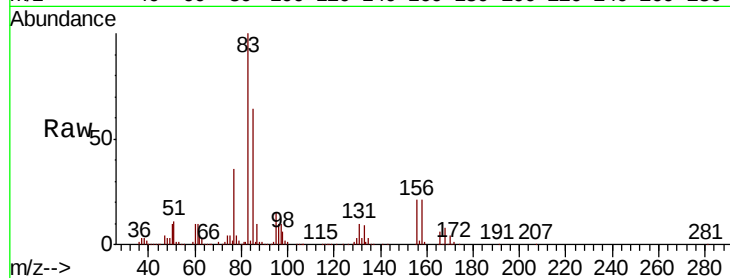
Tot Ion: 83 Resp: 530354

Ion Ratio Lower Upper

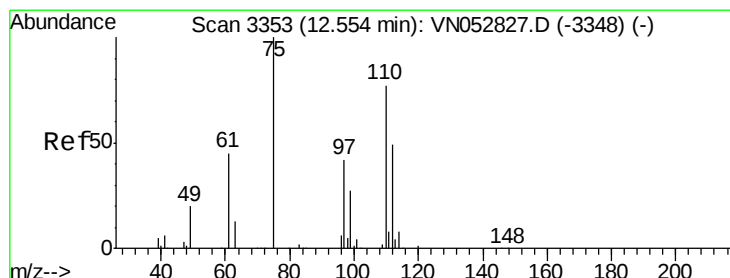
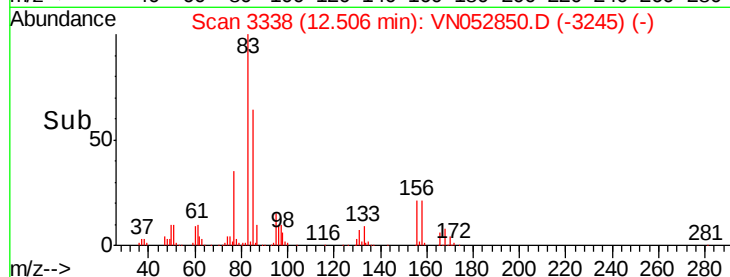
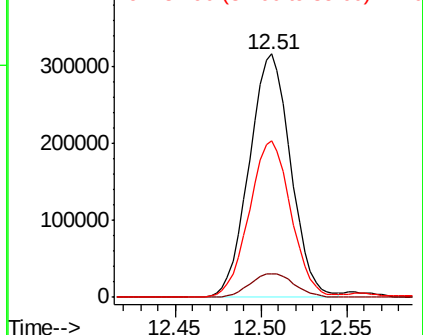
83 100

131 10.4 5.2 15.6

85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 72.544 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052850.D

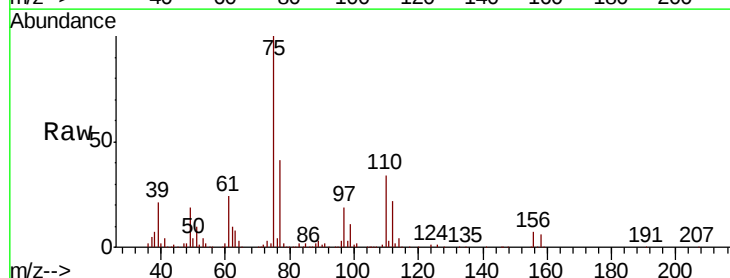
Acq: 13 Dec 2018 1:34

Tgt Ion: 75 Resp: 692078

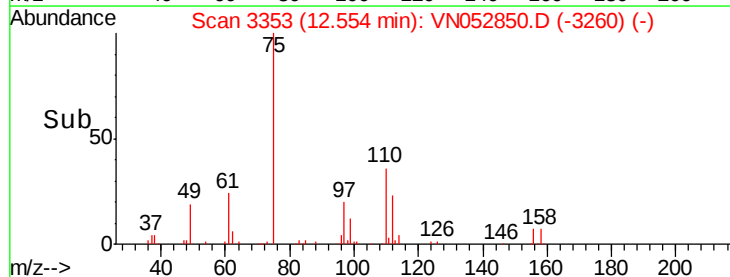
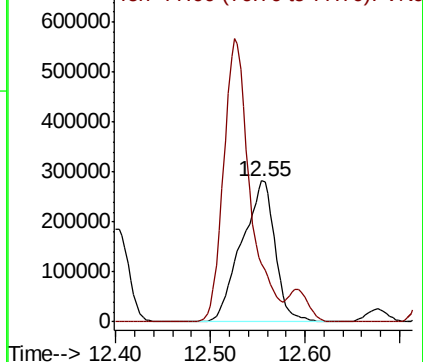
Ion Ratio Lower Upper

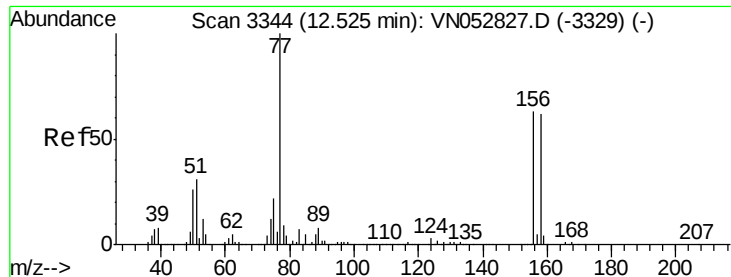
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 49.508 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

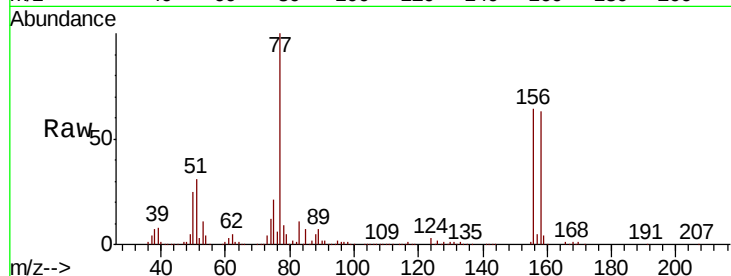
Tot Ion:156 Resp: 607931

Ion Ratio Lower Upper

156 100

77 182.8 91.3 273.8

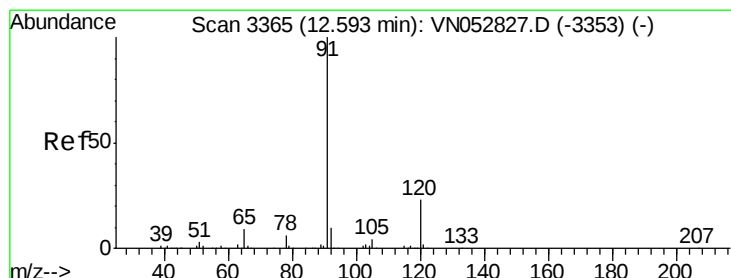
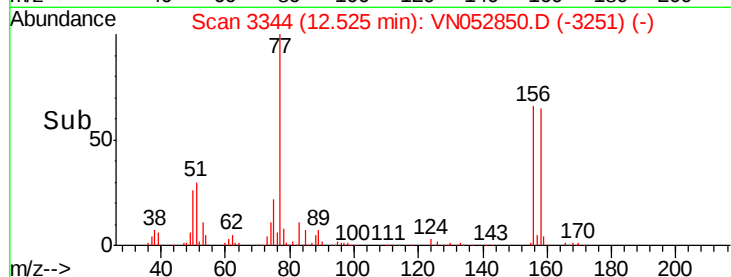
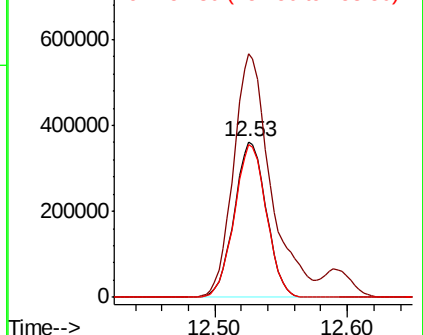
158 98.0 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.117 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052850.D

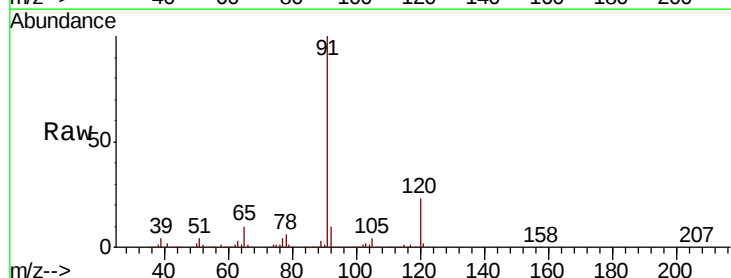
Acq: 13 Dec 2018 1:34

Tgt Ion: 91 Resp: 2759487

Ion Ratio Lower Upper

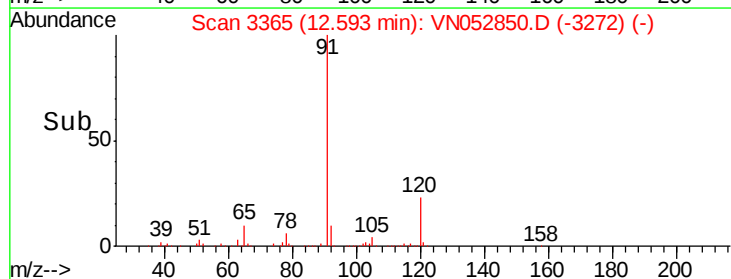
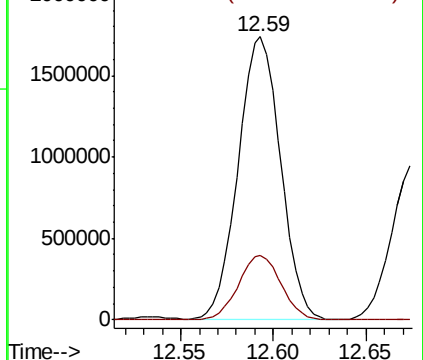
91 100

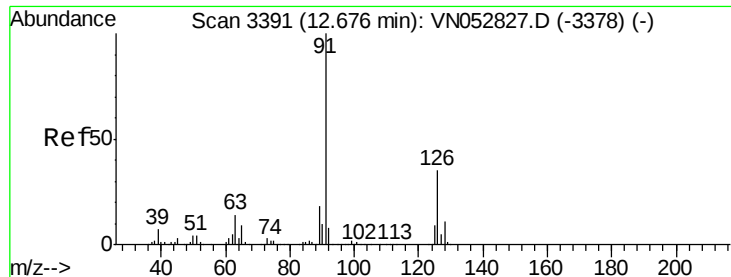
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

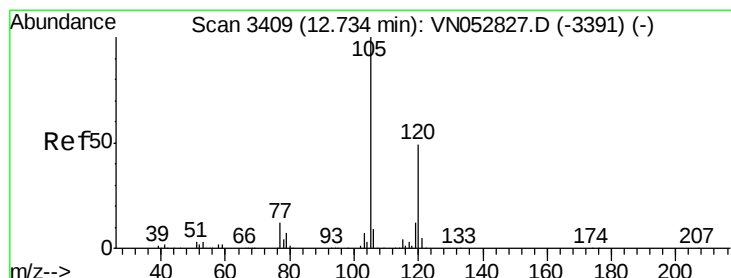
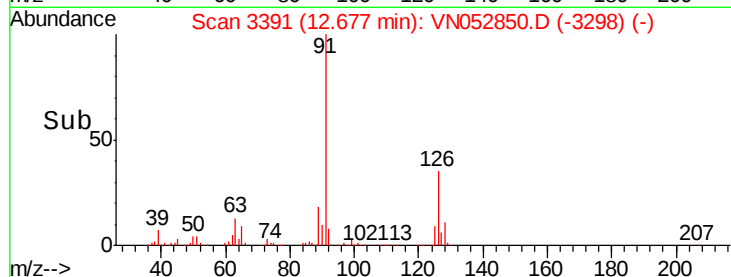
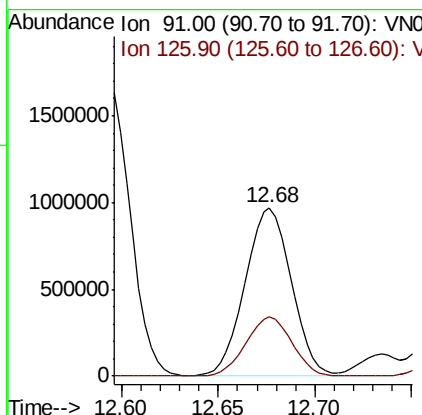
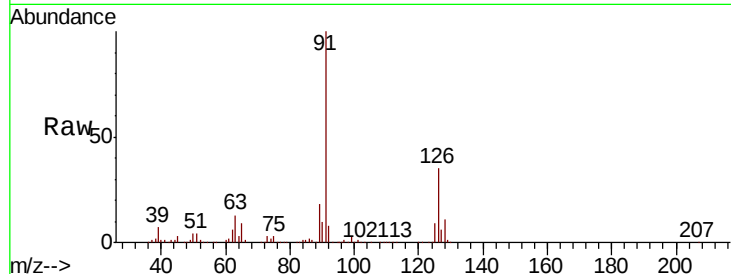




#79
 2-Chlorotoluene
 Concen: 49.563 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

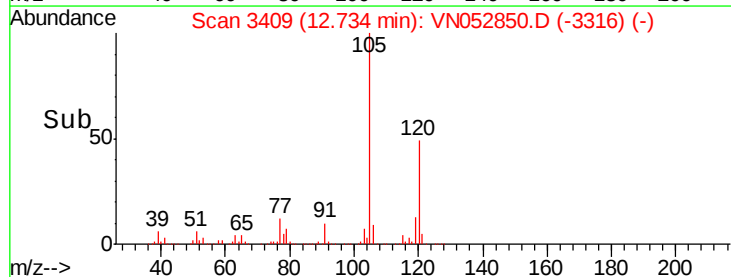
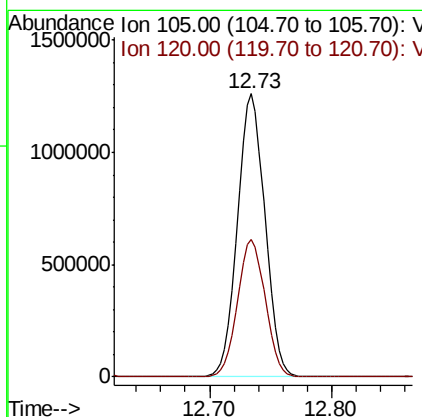
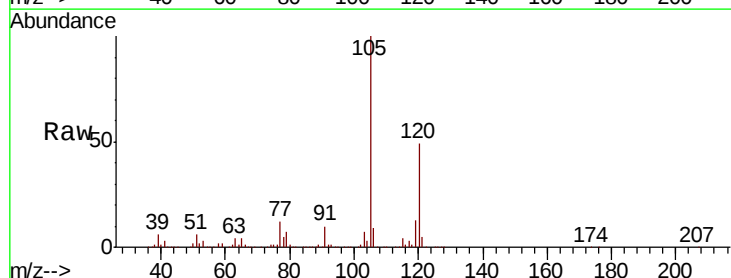
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

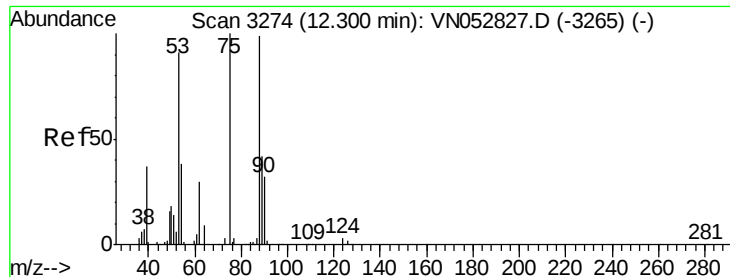
Tot Ion: 91 Resp: 1613355
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.215 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion: 105 Resp: 1957033
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.691 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

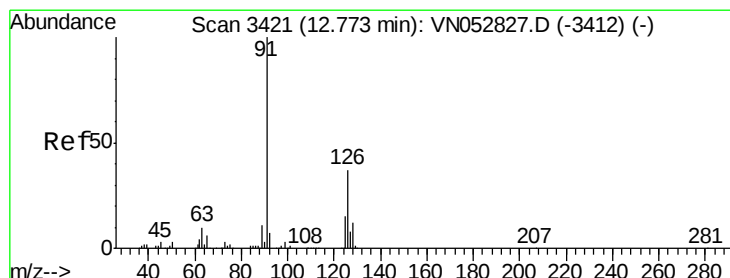
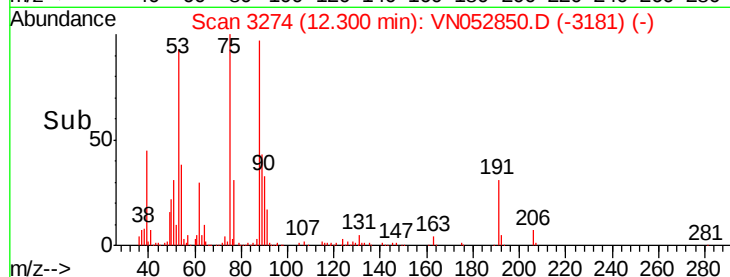
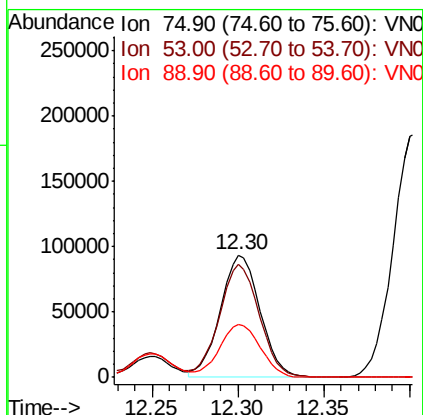
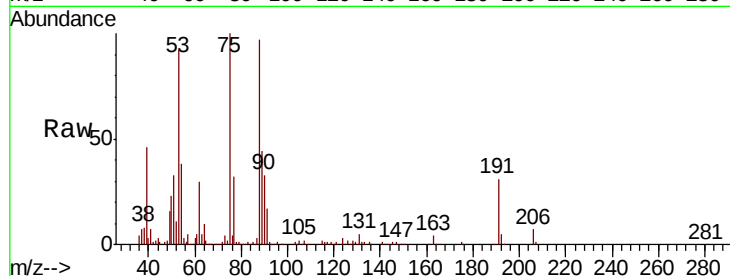
Tot Ion: 75 Resp: 150537

Ion Ratio Lower Upper

75 100

53 92.3 74.7 112.1

89 44.6 36.1 54.1



#82

4-Chlorotoluene

Concen: 49.297 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052850.D

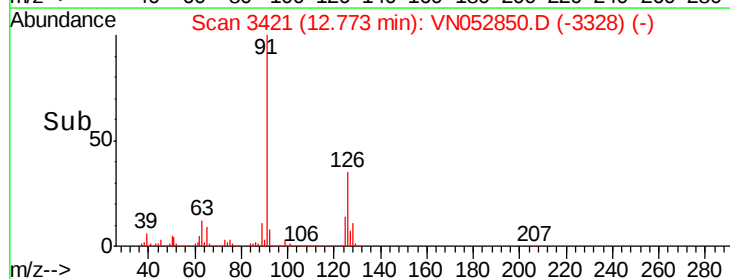
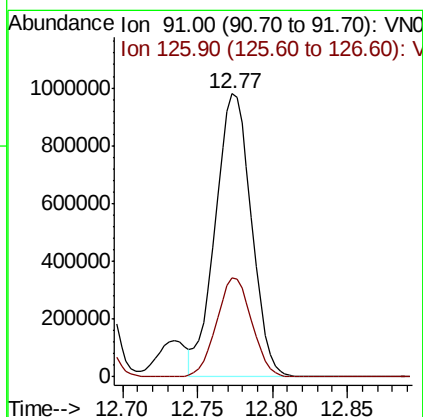
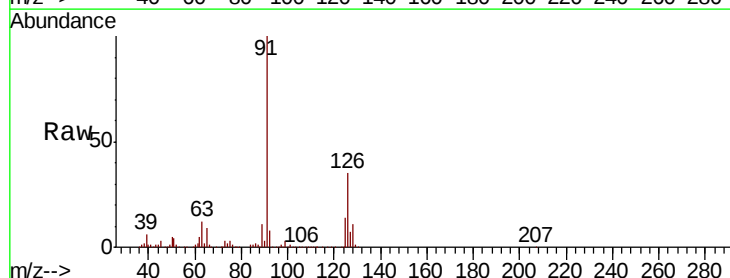
Acq: 13 Dec 2018 1:34

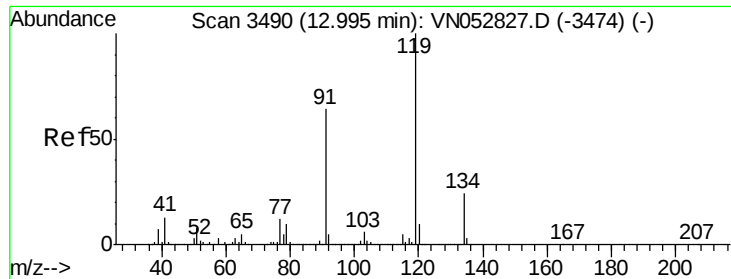
Tgt Ion: 91 Resp: 1640685

Ion Ratio Lower Upper

91 100

126 34.2 17.3 51.7

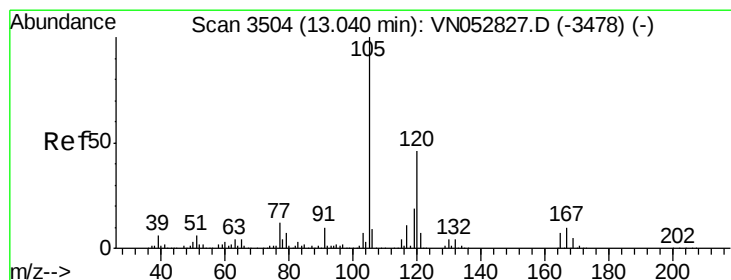
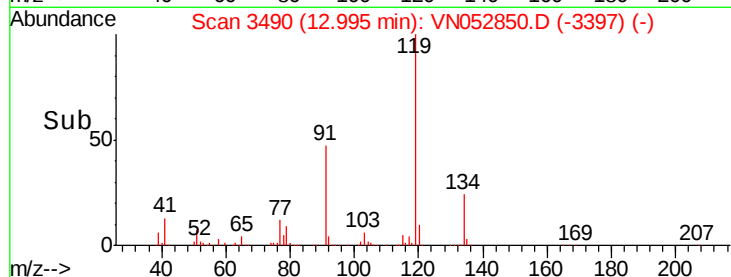
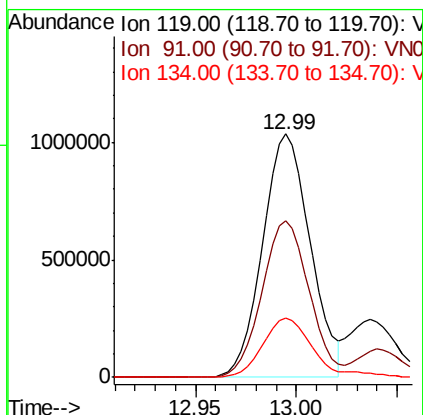
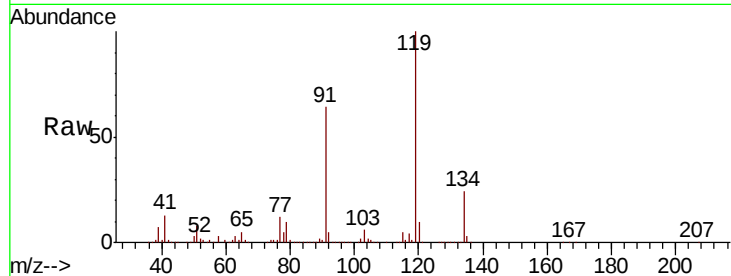




#83
 tert-Butylbenzene
 Concen: 49.554 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

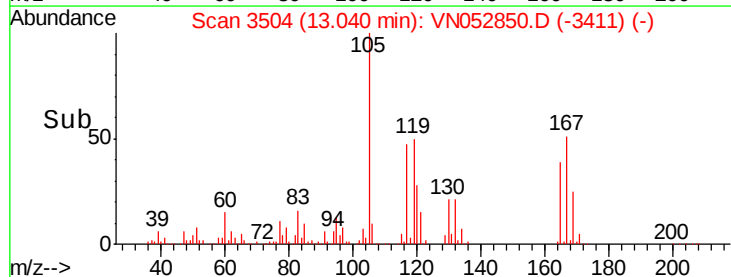
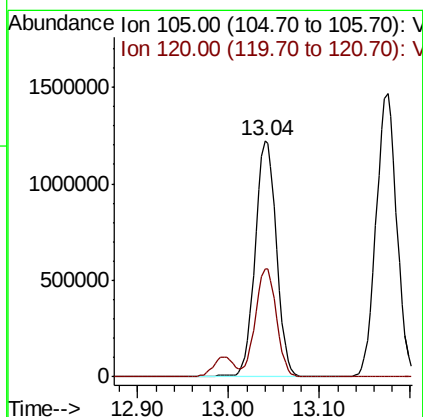
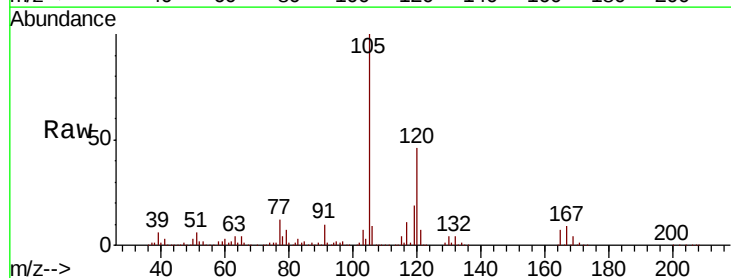
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

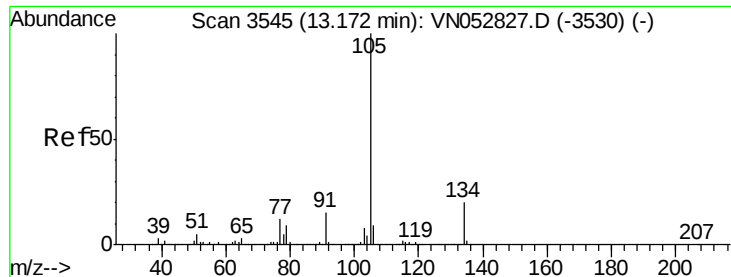
Tot Ion:119 Resp: 1703629
 Ion Ratio Lower Upper
 119 100
 91 63.8 31.9 95.5
 134 25.8 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.258 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion:105 Resp: 1982930
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8





#85

sec-Butylbenzene

Concen: 49.545 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

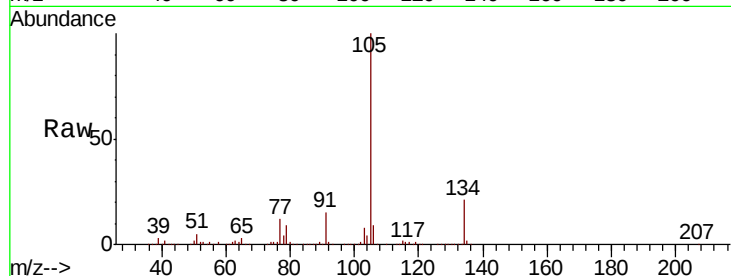
VSTDCCC050EC

Tot Ion:105 Resp: 2306770

Ion Ratio Lower Upper

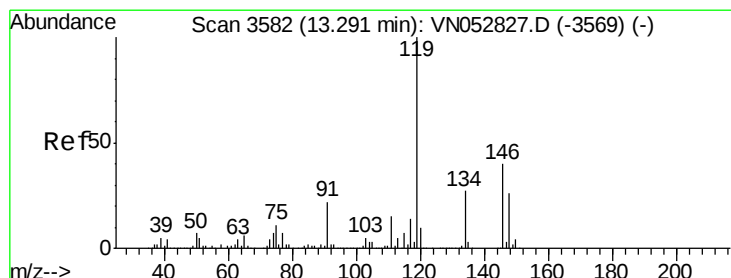
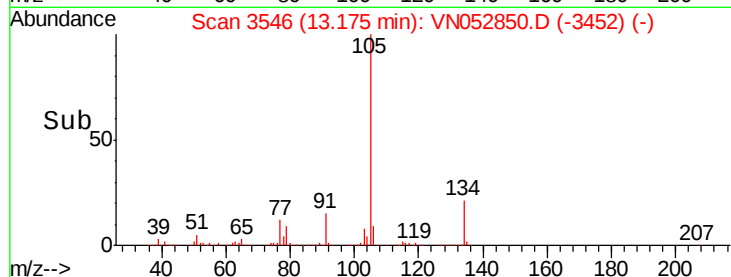
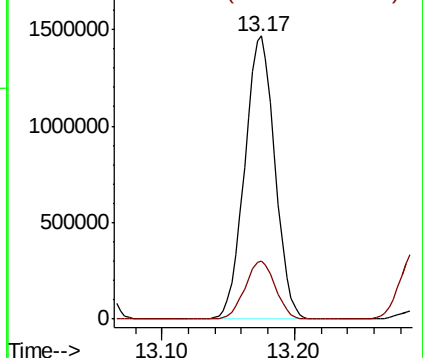
105 100

134 20.5 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.790 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

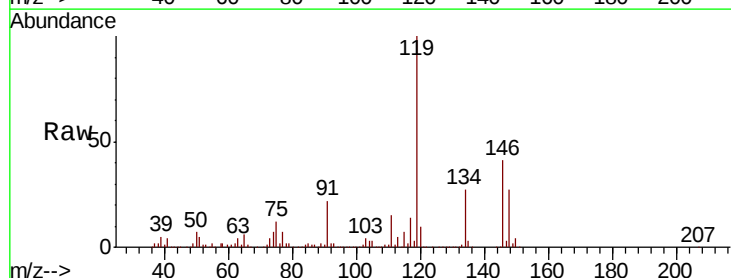
Tgt Ion:119 Resp: 2008423

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

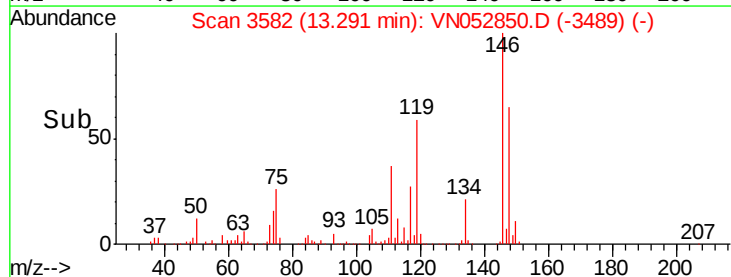
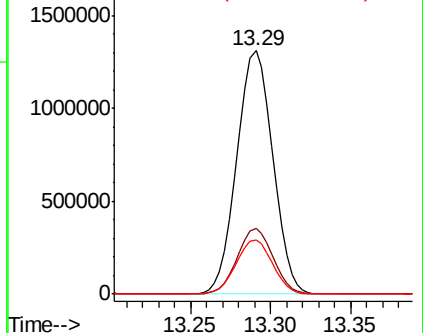
91 22.4 11.1 33.3

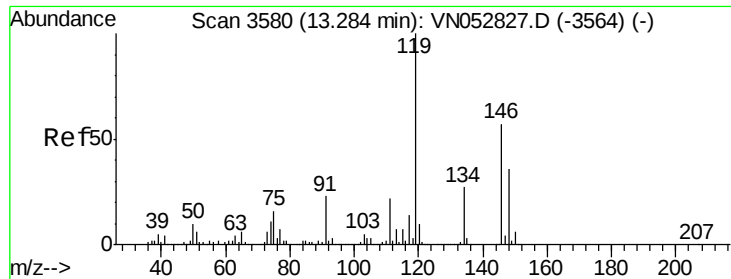


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

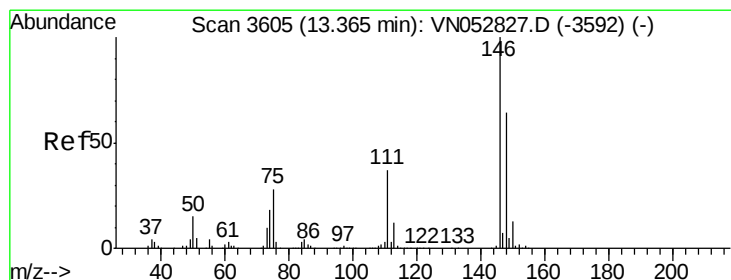
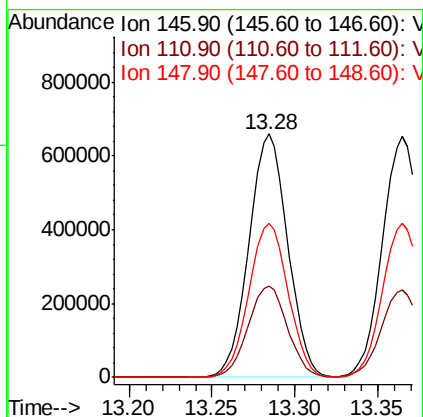
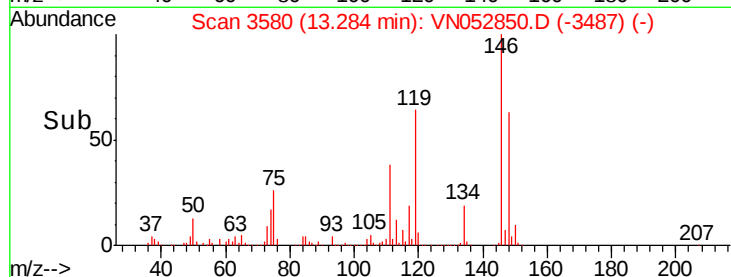
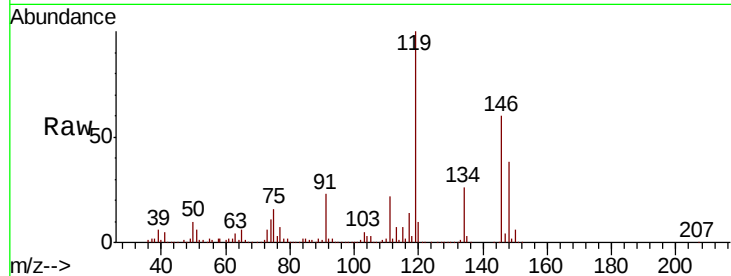




#87
 1,3-Dichlorobenzene
 Concen: 49.163 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

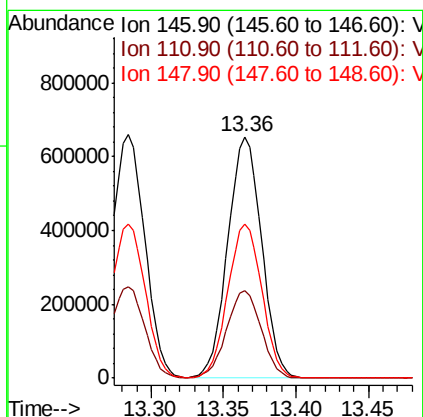
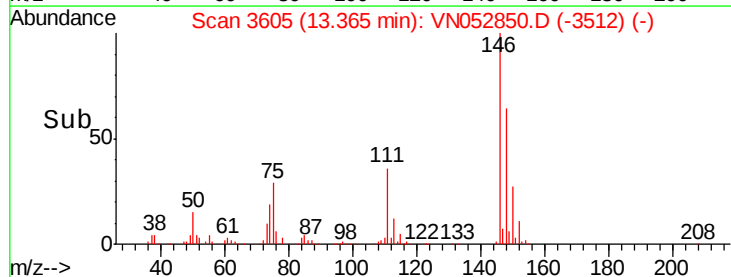
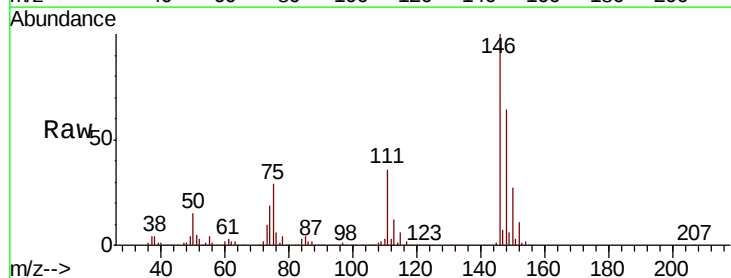
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

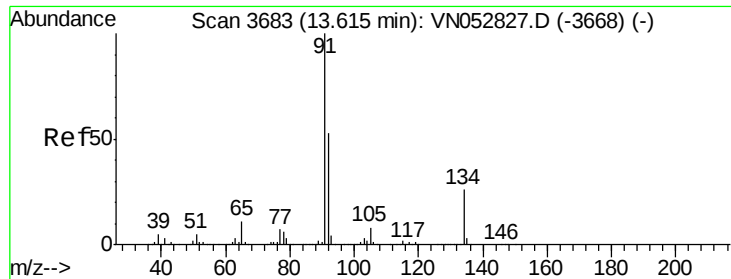
Tot Ion:146 Resp: 1072811
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.2 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.010 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion:146 Resp: 1059110
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.6 55.8
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 49.250 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

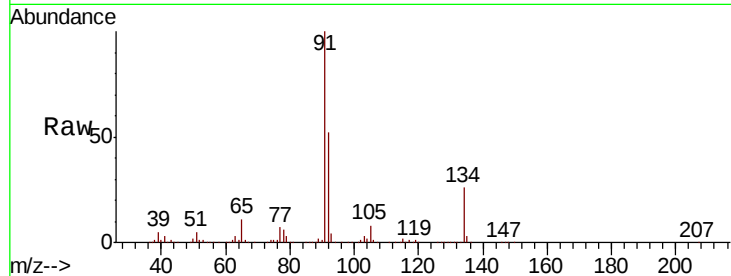
Tot Ion: 91 Resp: 1672429

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

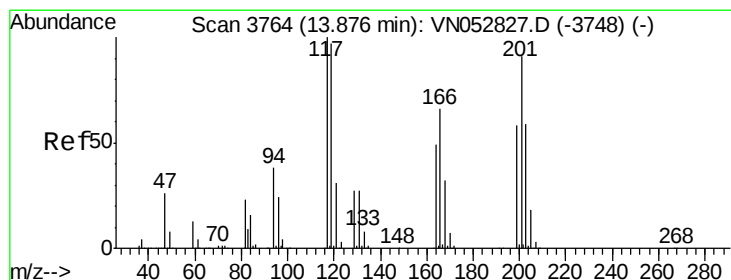
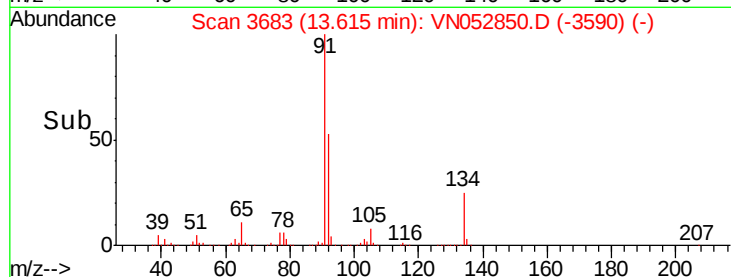
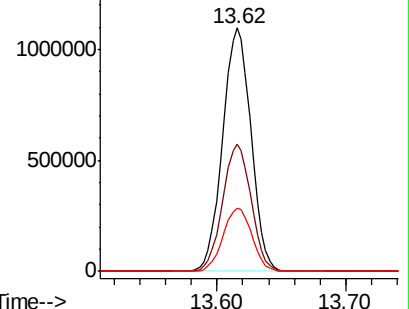
134 26.4 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VN052827.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052827.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052827.D (-3668) (-)



#90

Hexachloroethane

Concen: 49.697 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN052850.D

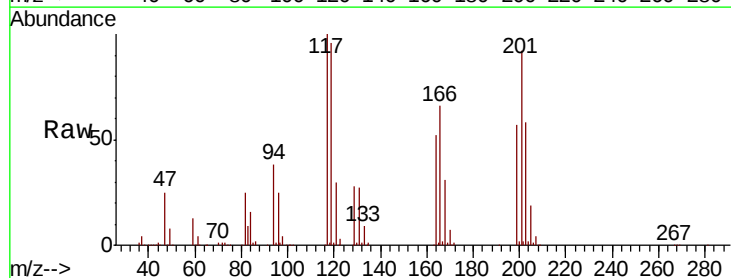
Acq: 13 Dec 2018 1:34

Tgt Ion: 117 Resp: 335682

Ion Ratio Lower Upper

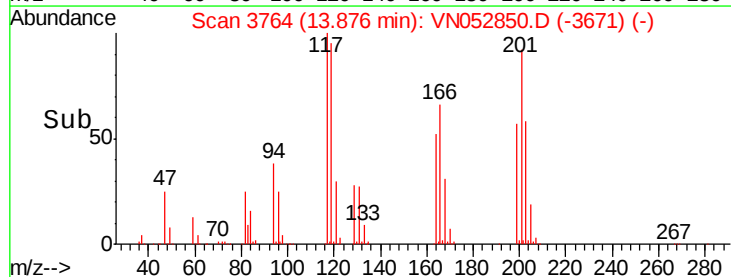
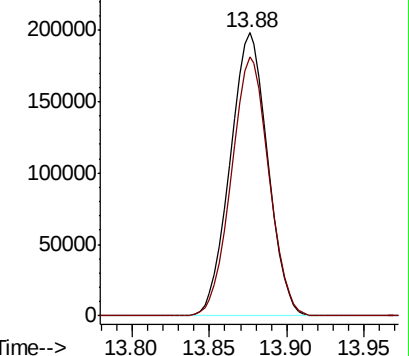
117 100

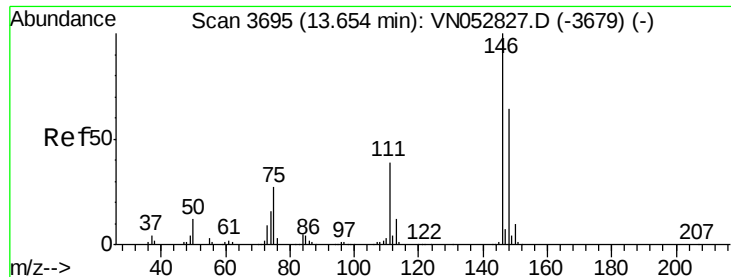
201 91.1 45.7 137.1



Abundance Ion 116.80 (116.50 to 117.50): VN052827.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052827.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 49.401 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

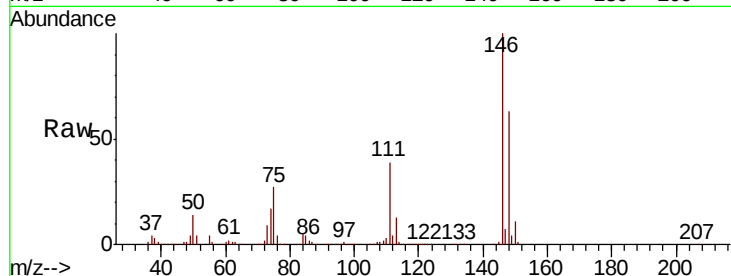
Tot Ion:146 Resp: 1036971

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

148 63.7 32.0 96.0

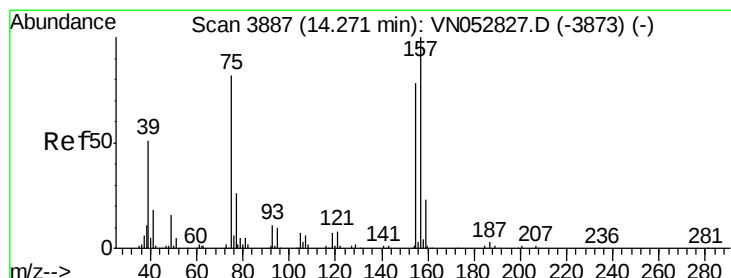
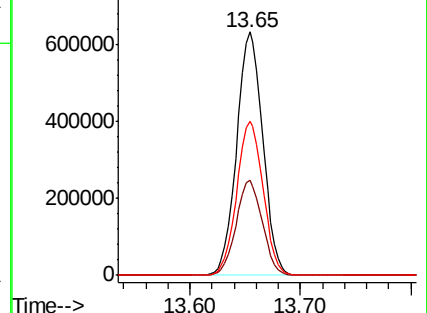
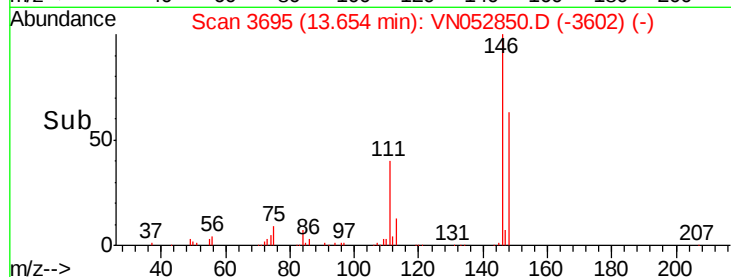


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.495 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

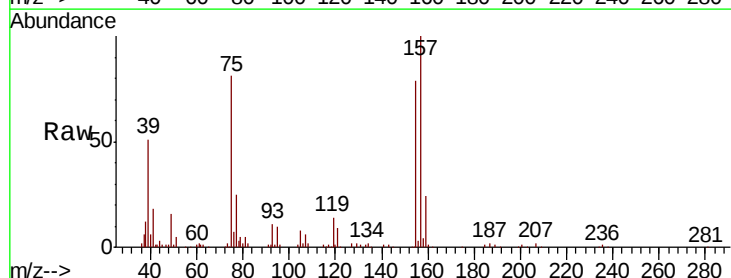
Tgt Ion: 75 Resp: 85620

Ion Ratio Lower Upper

75 100

155 95.1 48.2 144.6

157 120.5 61.2 183.5

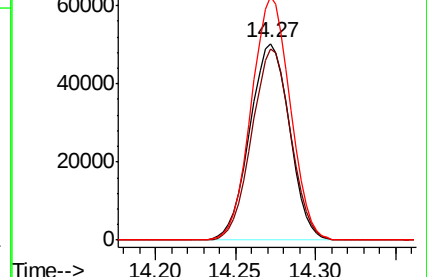
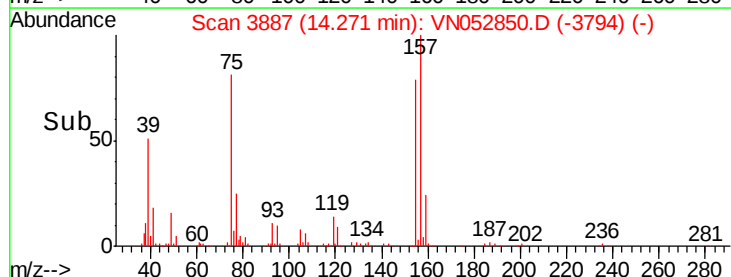


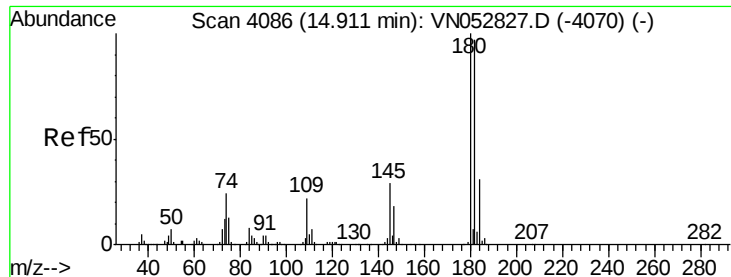
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

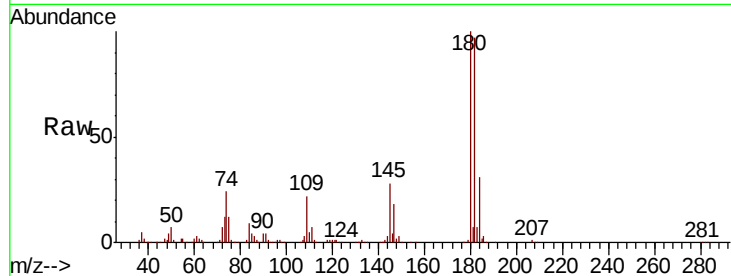




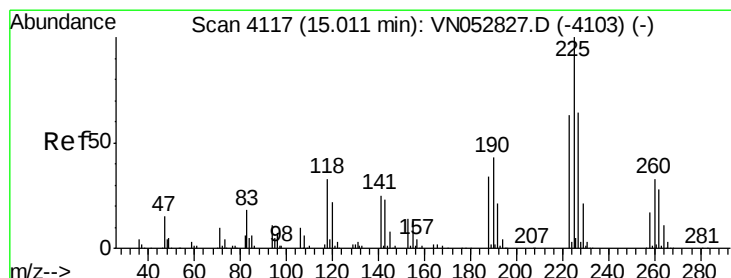
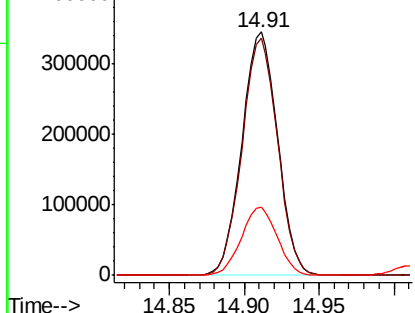
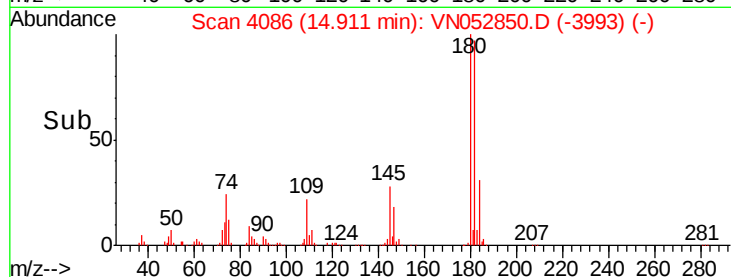
#93
 1,2,4-Trichlorobenzene
 Concen: 50.216 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 572980
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.8 143.3
 145 28.2 14.2 42.6

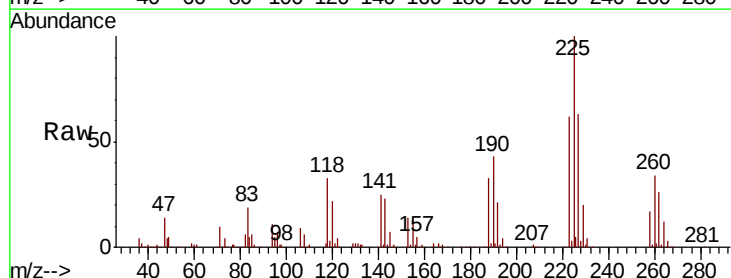


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

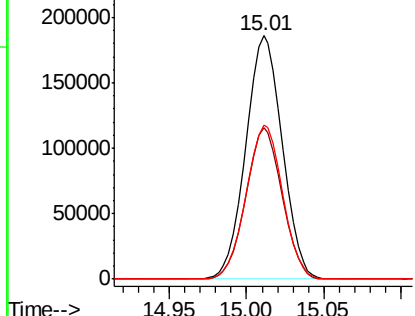
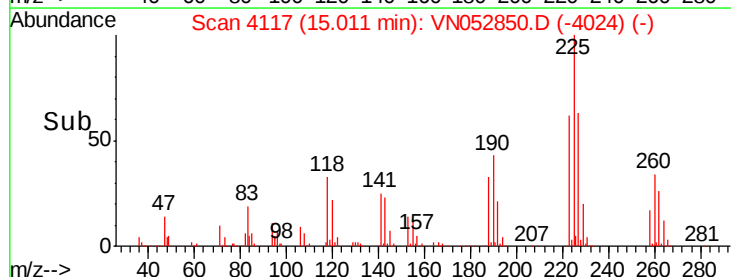


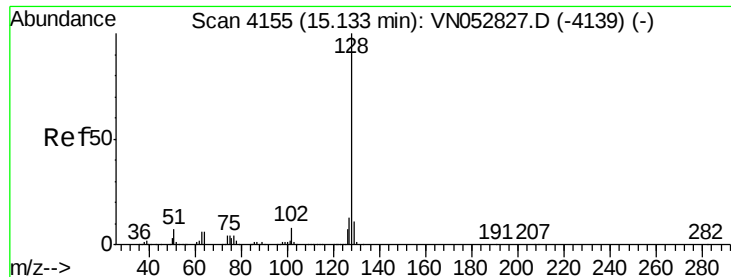
#94
 Hexachlorobutadiene
 Concen: 46.210 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052850.D
 Acq: 13 Dec 2018 1:34

Tgt Ion:225 Resp: 305195
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.5 94.5
 227 63.3 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.498 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

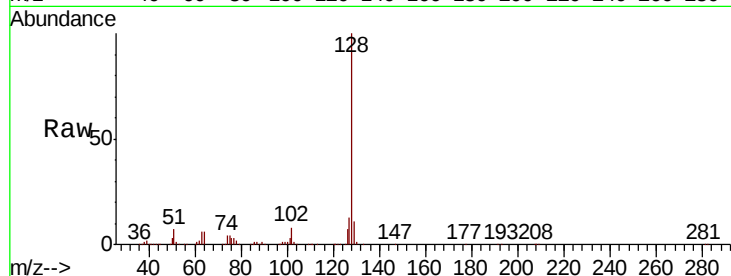
Tot Ion:128 Resp: 1264274

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

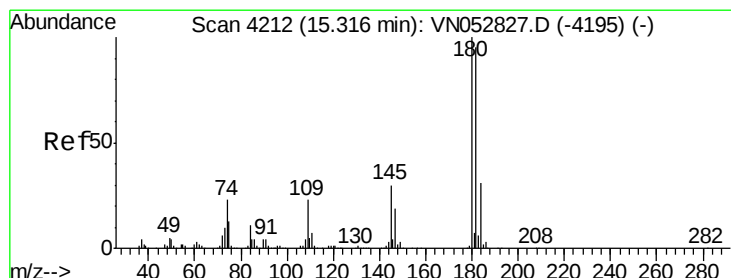
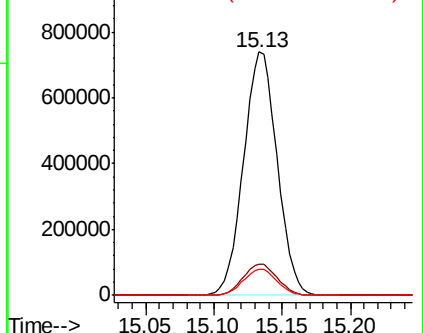
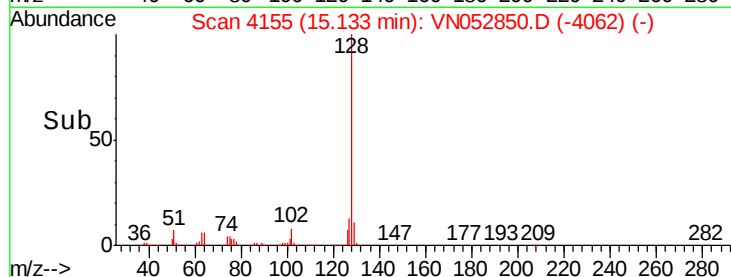
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.303 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052850.D

Acq: 13 Dec 2018 1:34

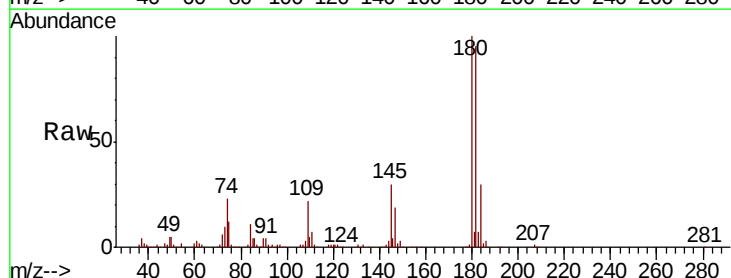
Tgt Ion:180 Resp: 537137

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 29.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

