

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
 Data File : VN051157.D
 Acq On : 13 Sep 2018 8:27
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 14 01:02:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	625349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	878459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	797239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	422683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	344876	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.59	113	334289	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	10.09	98	1247247	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.40	95	426994	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	268698	44.56	ug/l	98
3) Chloromethane	2.06	50	352699	45.23	ug/l	100
4) Vinyl Chloride	2.18	62	363331	43.89	ug/l	98
5) Bromomethane	2.55	94	210658	45.00	ug/l	100
6) Chloroethane	2.70	64	222277	43.51	ug/l	98
7) Trichlorofluoromethane	3.01	101	504893	46.03	ug/l	99
8) Diethyl Ether	3.41	74	195170	48.38	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	324629	45.91	ug/l	100
10) Methyl Iodide	3.95	142	239218	37.73	ug/l	100
11) Tert butyl alcohol	4.80	59	143914	270.74	ug/l	100
12) 1,1-Dichloroethene	3.73	96	294523	44.15	ug/l	99
13) Acrolein	3.61	56	131114	206.74	ug/l	99
14) Allyl chloride	4.32	41	469529	46.20	ug/l	99
15) Acrylonitrile	4.99	53	635478	269.80	ug/l	99
16) Acetone	3.82	43	506730	295.55	ug/l	100
17) Carbon Disulfide	4.05	76	858235	43.67	ug/l	99
18) Methyl Acetate	4.33	43	299982	53.83	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	887146	50.31	ug/l	99
20) Methylene Chloride	4.55	84	348921	45.39	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	325282	44.96	ug/l	99
22) Diisopropyl ether	5.95	45	1007219	49.93	ug/l	97
23) Vinyl Acetate	5.90	43	3550526	260.07	ug/l	99
24) 1,1-Dichloroethane	5.85	63	593547	46.37	ug/l	99
25) 2-Butanone	6.84	43	753184	275.27	ug/l	99
26) 2,2-Dichloropropane	6.82	77	472829	45.13	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	365789	46.08	ug/l	100
28) Bromochloromethane	7.19	49	284034	49.86	ug/l	99
29) Tetrahydrofuran	7.21	42	474911	277.95	ug/l	99
30) Chloroform	7.37	83	604294	47.46	ug/l	100
31) Cyclohexane	7.65	56	521331	45.66	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	507805	46.80	ug/l	100
36) 1,1-Dichloropropene	7.79	75	458985	47.59	ug/l	100
37) Ethyl Acetate	6.93	43	316905	56.73	ug/l	99
38) Carbon Tetrachloride	7.77	117	454677	47.90	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	511063	48.03	ug/l	98
40) Benzene	8.04	78	1394561	47.98	ug/l	99
41) Methacrylonitrile	7.18	41	145938	50.64	ug/l	98
42) 1,2-Dichloroethane	8.13	62	419077	49.47	ug/l	99
43) Isopropyl Acetate	8.17	43	548792	55.68	ug/l	98
44) Trichloroethene	8.83	130	371537	46.74	ug/l	98
45) 1,2-Dichloropropane	9.12	63	364820	48.58	ug/l	99
46) Dibromomethane	9.21	93	226153	49.36	ug/l	100
47) Bromodichloromethane	9.40	83	463431	49.74	ug/l	99
48) Methyl methacrylate	9.20	41	267026	55.59	ug/l	99
49) 1,4-Dioxane	9.20	88	86000	1141.82	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1572227	288.46	ug/l	100
52) Toluene	10.16	92	875292	49.39	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	474891	50.93	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	541780	49.55	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	328654	51.05	ug/l	100
56) Ethyl methacrylate	10.43	69	436729	50.53	ug/l	99
57) 1,3-Dichloropropane	10.71	76	546105	51.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	892612	246.05	ug/l	100
59) 2-Hexanone	10.75	43	1084587	293.42	ug/l	99
60) Dibromochloromethane	10.90	129	372733	51.37	ug/l	99
61) 1,2-Dibromoethane	11.01	107	328190	52.15	ug/l	99
64) Tetrachloroethene	10.63	164	347864	47.82	ug/l	99
65) Chlorobenzene	11.43	112	964833	48.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	356962	49.34	ug/l	100
67) Ethyl Benzene	11.51	91	1639600	50.38	ug/l	100
68) m/p-Xylenes	11.62	106	1279118	102.29	ug/l	99
69) o-Xylene	11.95	106	611459	50.50	ug/l	98
70) Styrene	11.96	104	1015293	54.05	ug/l	99
71) Bromoform	12.13	173	275439	54.07	ug/l	# 100
73) Isopropylbenzene	12.25	105	1640372	46.28	ug/l	100
74) N-amyl acetate	12.07	43	456331	51.15	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	440803	54.34	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	512137	79.01	ug/l	# 100
77) Bromobenzene	12.53	156	427577	44.91	ug/l	99
78) n-propylbenzene	12.59	91	1852793	47.55	ug/l	99
79) 2-Chlorotoluene	12.67	91	1105444	45.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1363386	47.57	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	112741	50.66	ug/l	99
82) 4-Chlorotoluene	12.77	91	1120857	46.37	ug/l	100
83) tert-Butylbenzene	12.99	119	1154964	45.65	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1377202	48.87	ug/l	100
85) sec-Butylbenzene	13.17	105	1548038	47.71	ug/l	99
86) p-Isopropyltoluene	13.29	119	1364112	49.58	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	743537	46.03	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	723177	48.76	ug/l	99
89) n-Butylbenzene	13.62	91	1068071	49.88	ug/l	100
90) Hexachloroethane	13.87	117	236935	47.27	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	726026	46.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	64593	53.31	ug/l	100

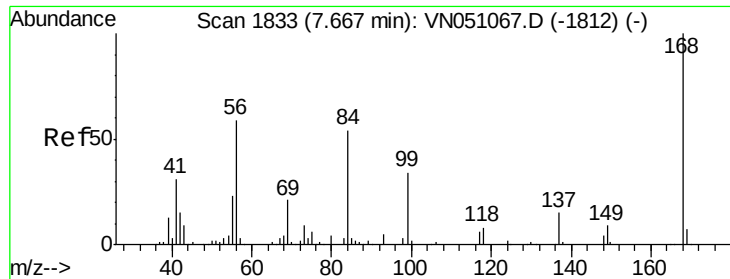
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	337362	44.80	ug/l	99
94) Hexachlorobutadiene	15.01	225	232276	50.66	ug/l	99
95) Naphthalene	15.13	128	709300	45.20	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	337208	46.62	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

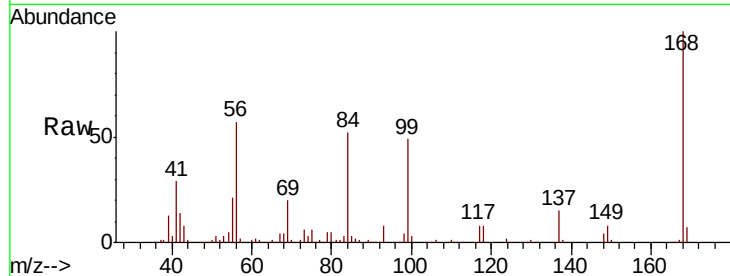
VSTDCCC050

Tot Ion:168 Resp: 625349

Ion Ratio Lower Upper

168 100

99 48.3 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

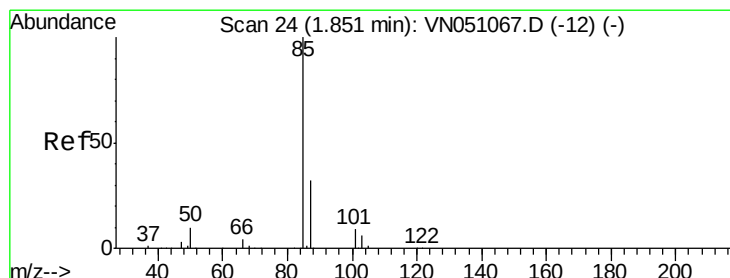
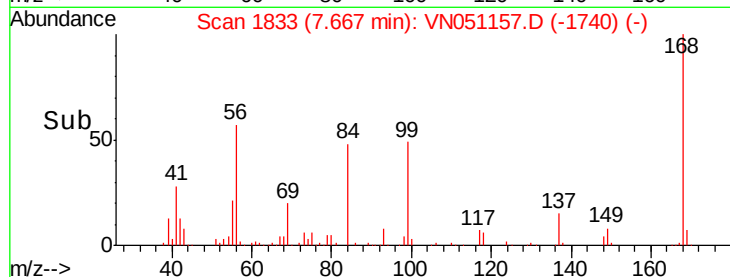
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.56 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051157.D

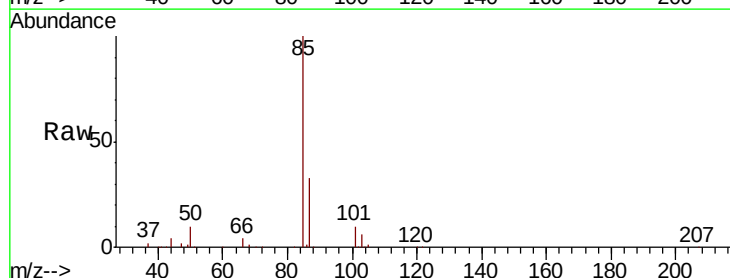
Acq: 13 Sep 2018 8:27

Tgt Ion: 85 Resp: 268698

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

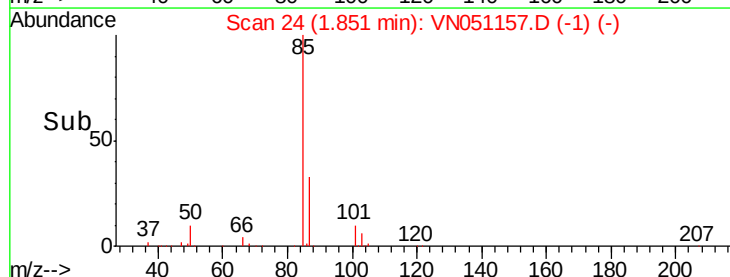
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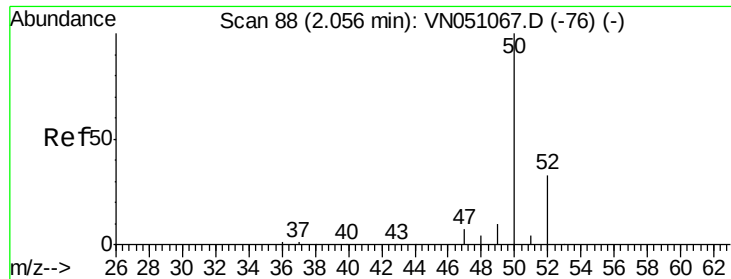
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.23 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

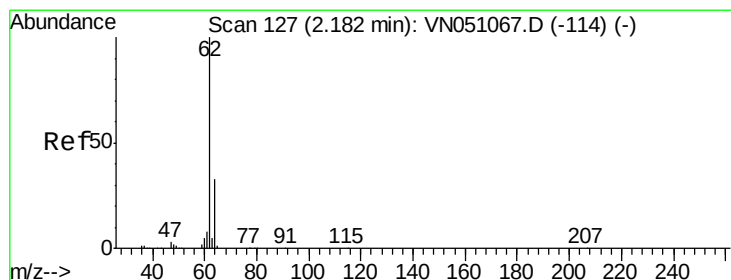
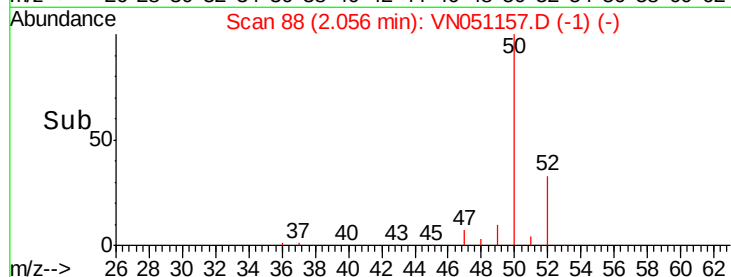
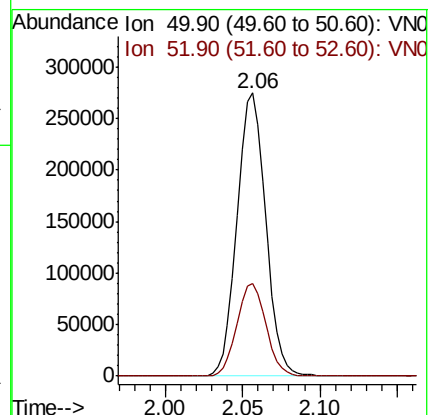
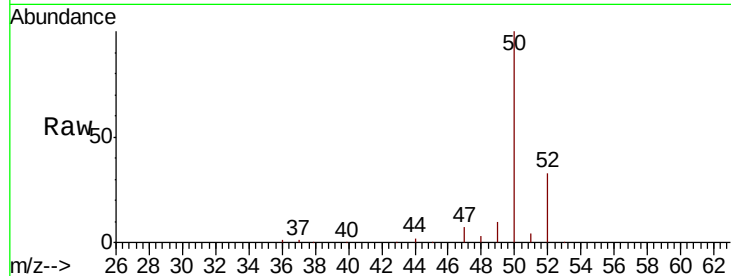
VSTDCCC050

Tot Ion: 50 Resp: 352699

Ion Ratio Lower Upper

50 100

52 32.8 26.0 39.0



#4

Vinyl Chloride

Concen: 43.89 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN051157.D

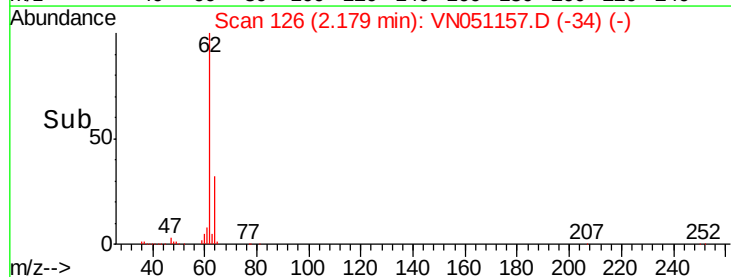
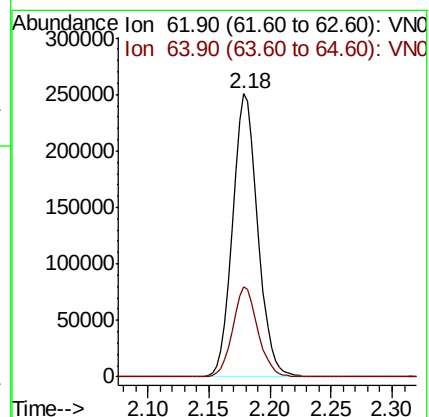
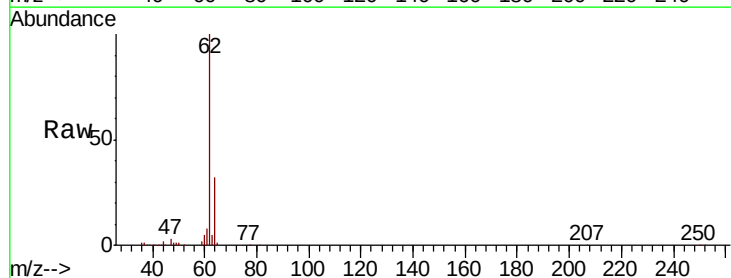
Acq: 13 Sep 2018 8:27

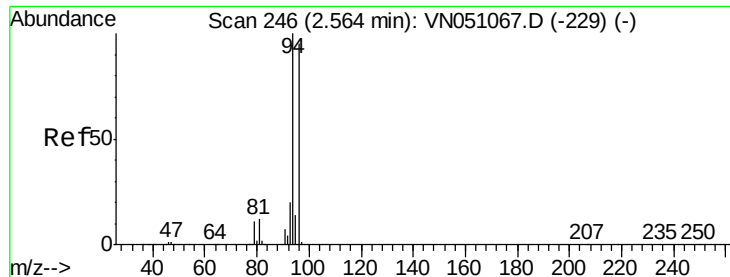
Tgt Ion: 62 Resp: 363331

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.4





#5

Bromomethane

Concen: 45.00 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

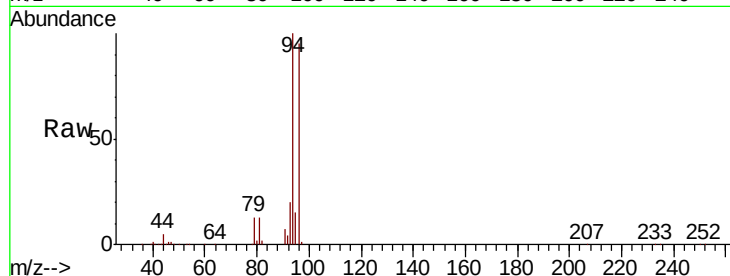
VSTDCCC050

Tot Ion: 94 Resp: 210658

Ion Ratio Lower Upper

94 100

96 95.1 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

120000

100000

80000

60000

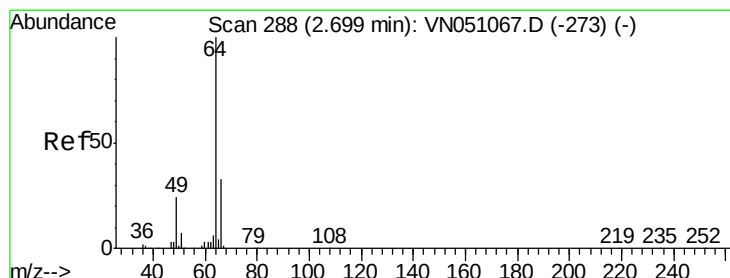
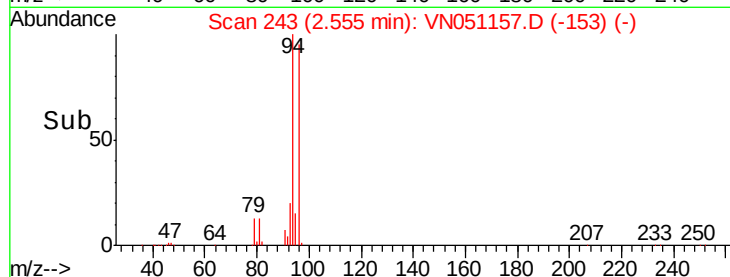
40000

20000

0

2.55

Time-->



#6

Chloroethane

Concen: 43.51 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.00 min

Lab File: VN051157.D

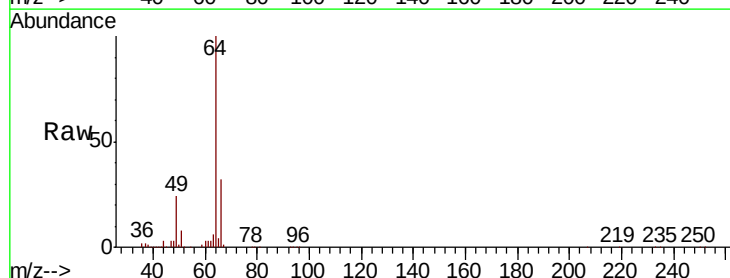
Acq: 13 Sep 2018 8:27

Tgt Ion: 64 Resp: 222277

Ion Ratio Lower Upper

64 100

66 31.7 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

120000

100000

80000

60000

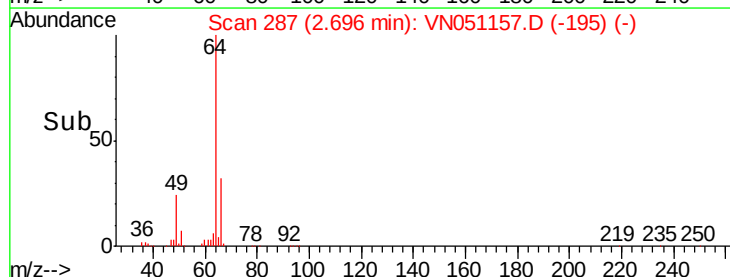
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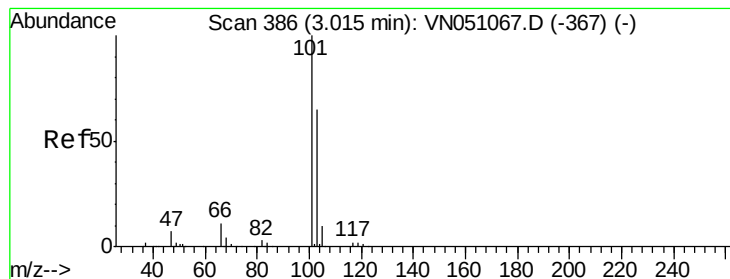
20000

0

2.70

Time-->



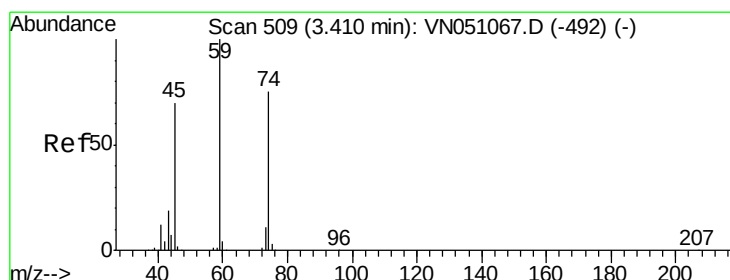
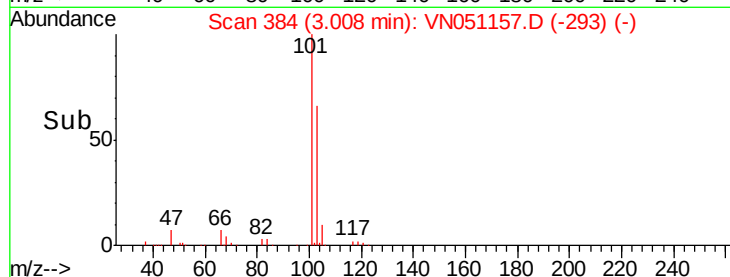
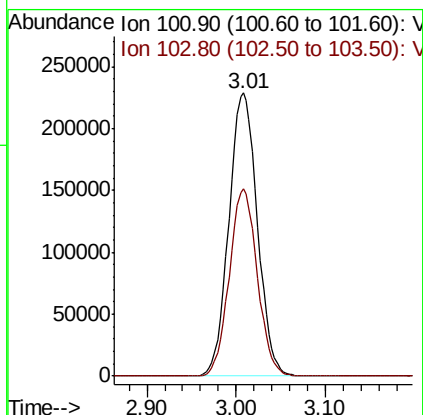
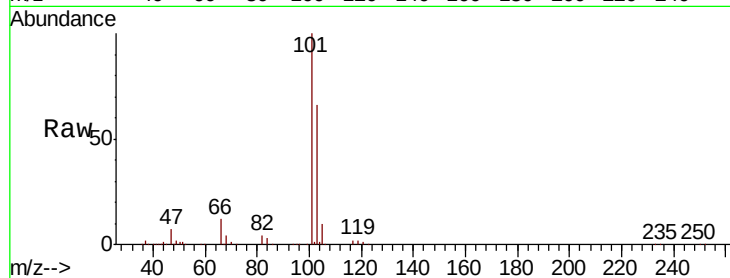


#7

Trichlorofluoromethane
 Concen: 46.03 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.01 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

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 ClientSampleId :
 VSTDCCC050

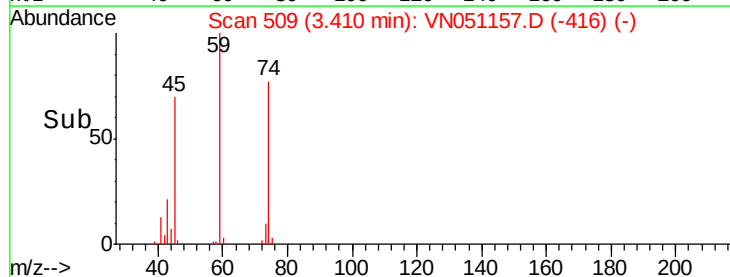
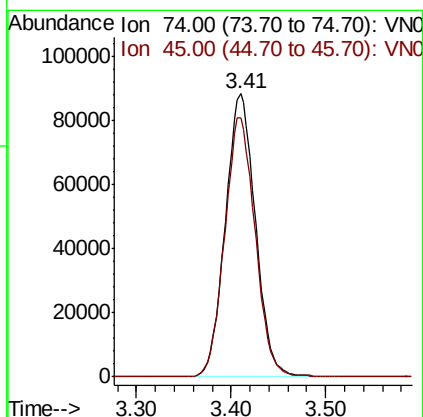
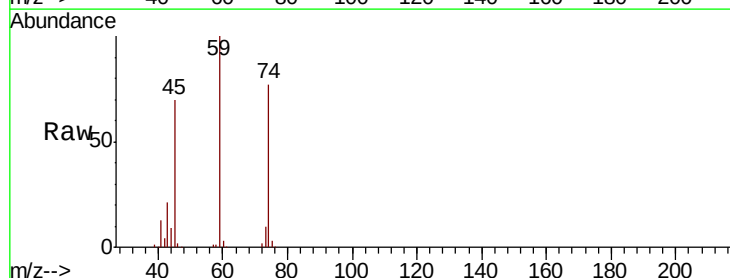
Tot Ion:101 Resp: 504893
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.4 78.6

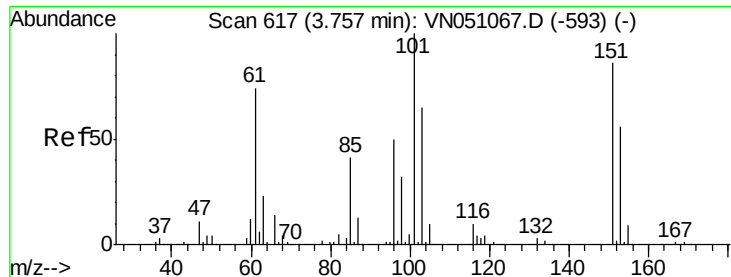


#8

Diethyl Ether
 Concen: 48.38 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

Tgt Ion: 74 Resp: 195170
 Ion Ratio Lower Upper
 74 100
 45 93.0 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.91 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

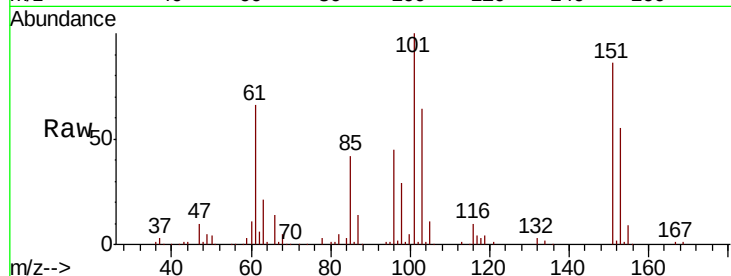
Tot Ion:101 Resp: 324629

Ion Ratio Lower Upper

101 100

85 41.4 33.3 49.9

151 85.7 68.2 102.2

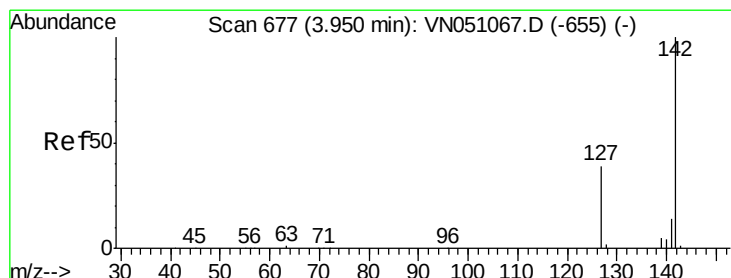
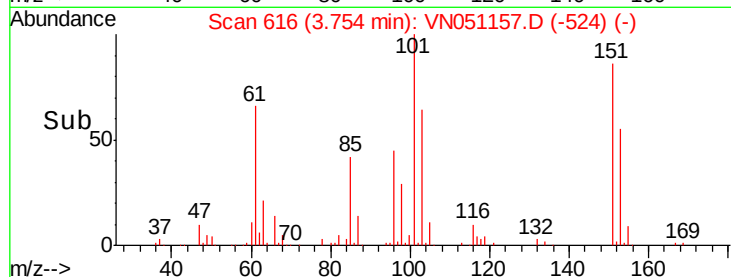
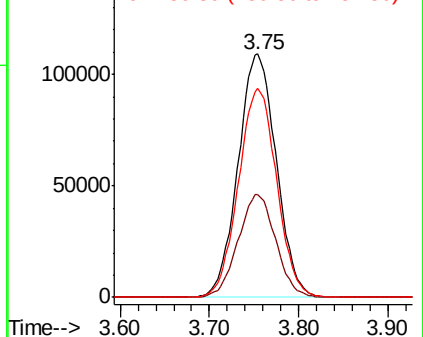


Abundance

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: 37.73 ug/l

RT: 3.95 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

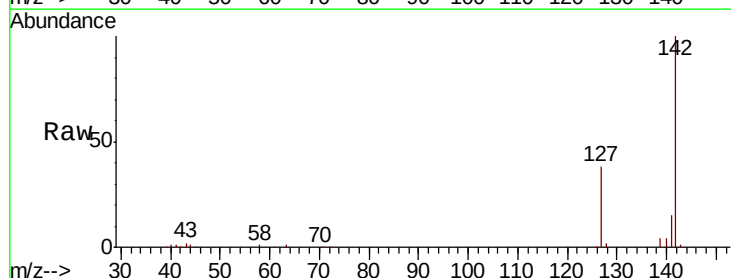
Tgt Ion:142 Resp: 239218

Ion Ratio Lower Upper

142 100

127 38.7 31.0 46.4

141 14.1 11.3 16.9

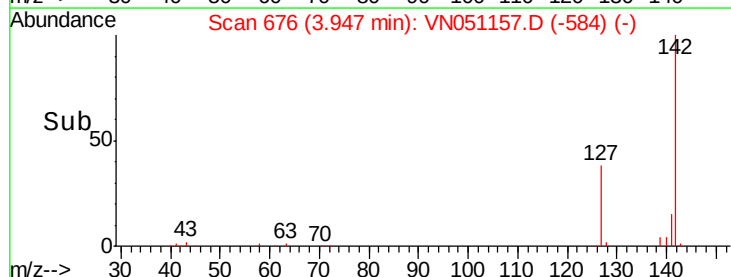
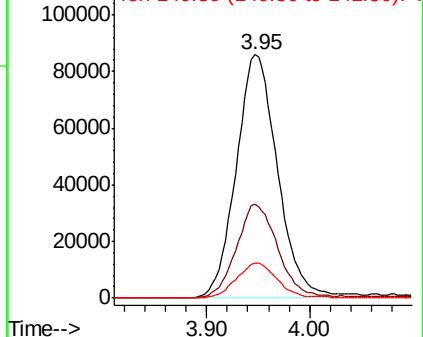


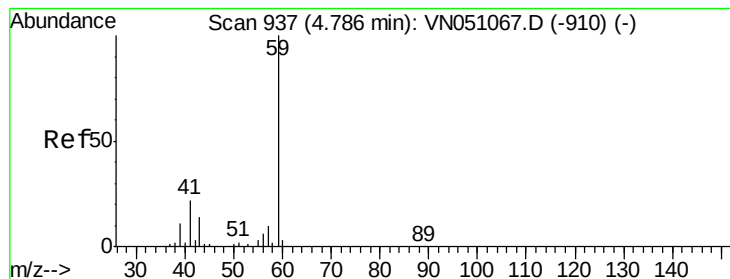
Abundance

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



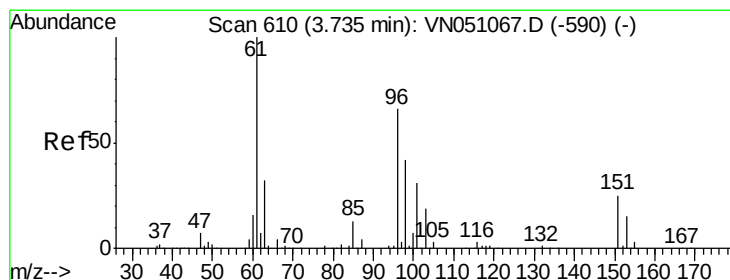
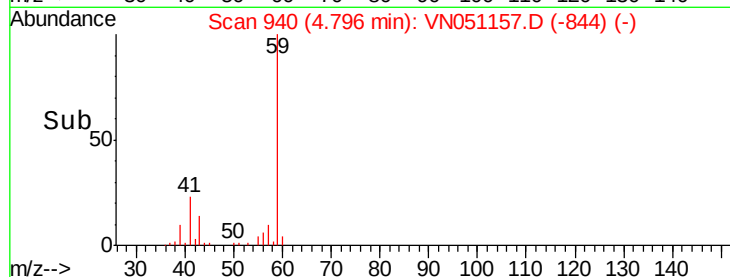
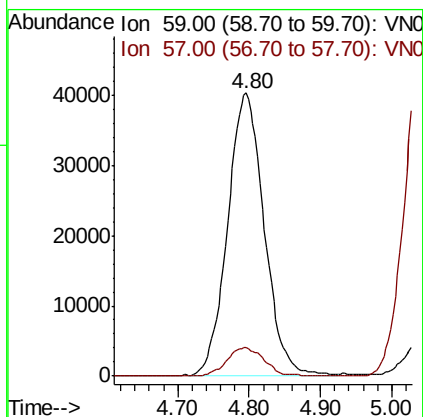
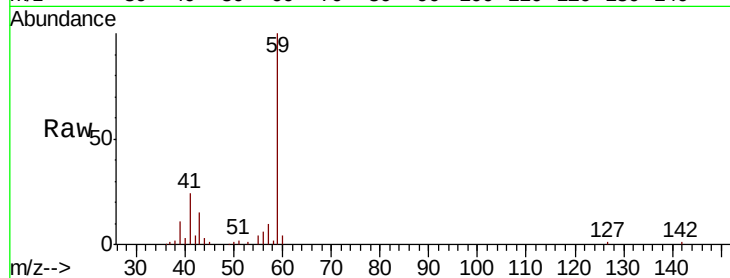


#11

Tert butyl alcohol
 Concen: 270.74 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

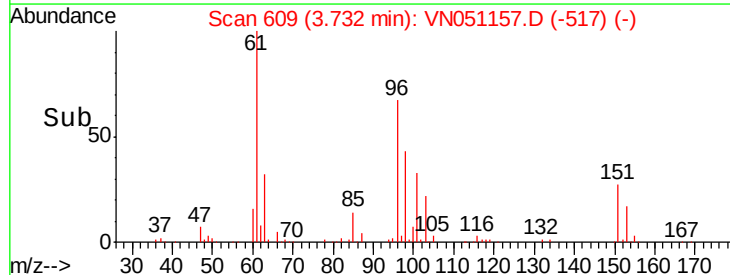
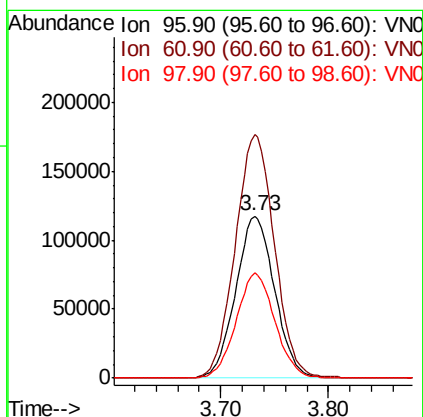
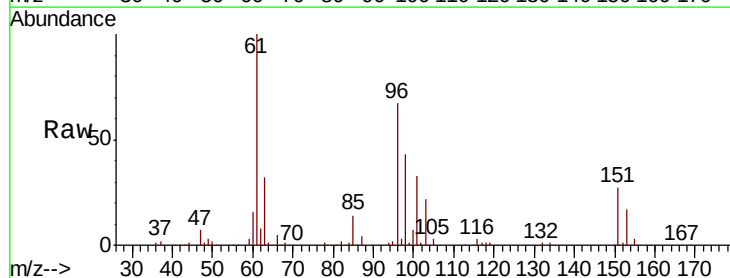
Tot Ion: 59 Resp: 143914
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

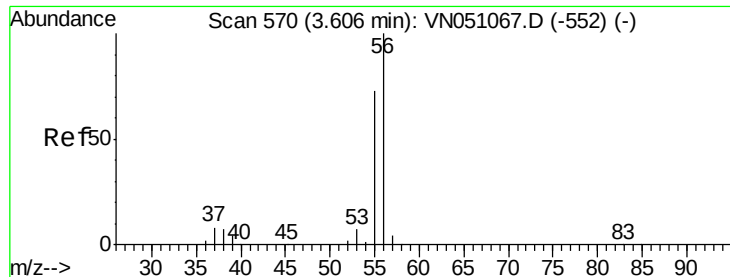


#12

1,1-Dichloroethene
 Concen: 44.15 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

Tgt Ion: 96 Resp: 294523
 Ion Ratio Lower Upper
 96 100
 61 150.1 120.3 180.5
 98 64.7 50.8 76.2





#13

Acrolein

Concen: 206.74 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

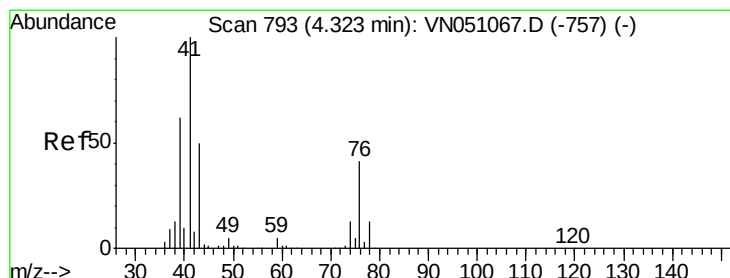
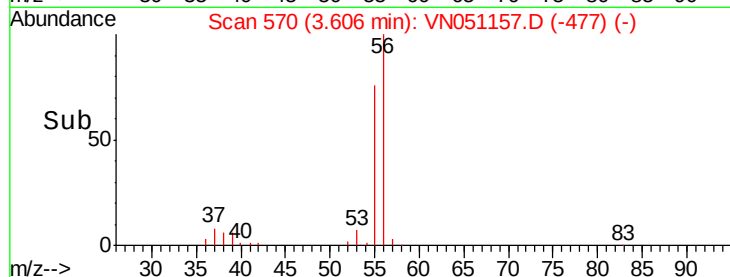
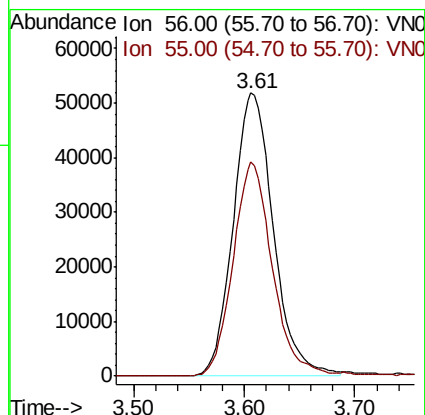
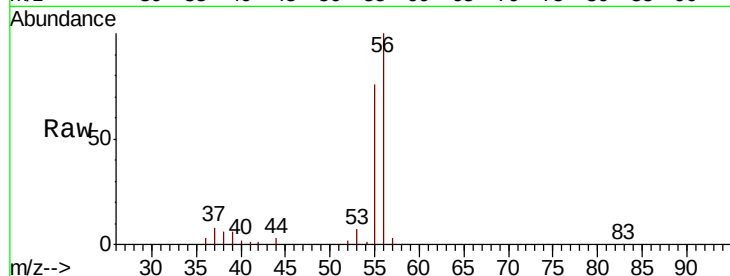
VSTDCCC050

Tot Ion: 56 Resp: 131114

Ion Ratio Lower Upper

56 100

55 73.6 58.0 87.0



#14

Allyl chloride

Concen: 46.20 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

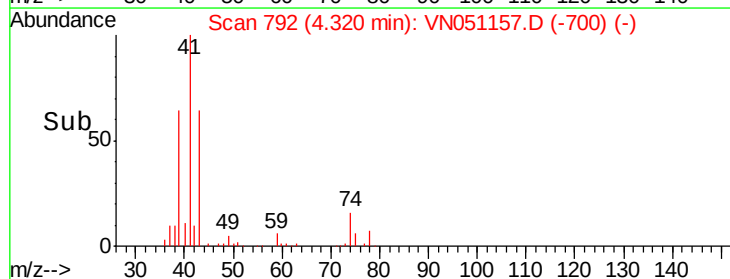
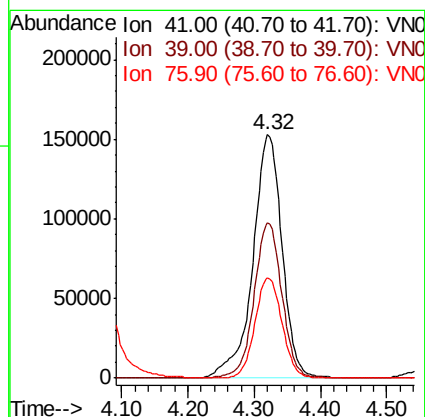
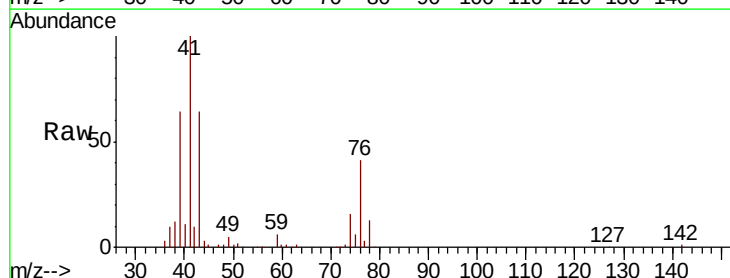
Tgt Ion: 41 Resp: 469529

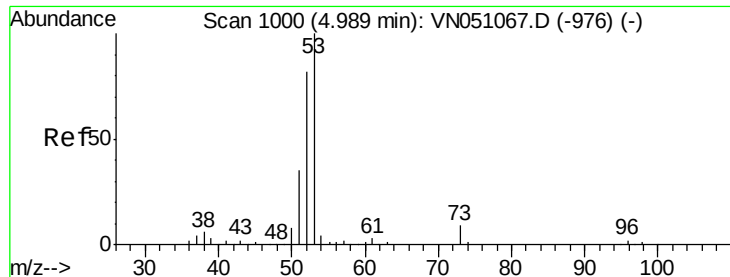
Ion Ratio Lower Upper

41 100

39 60.8 48.8 73.2

76 37.6 30.6 45.8





#15

Acrylonitrile

Concen: 269.80 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

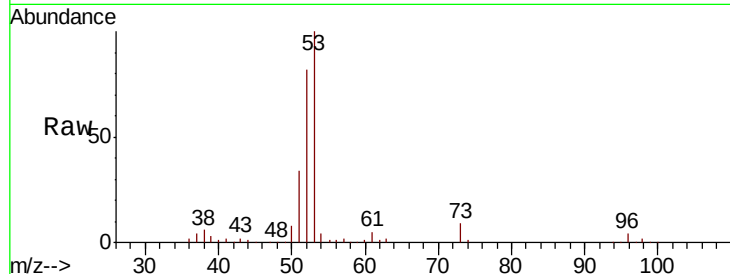
Tot Ion: 53 Resp: 635478

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

51 34.8 28.2 42.2

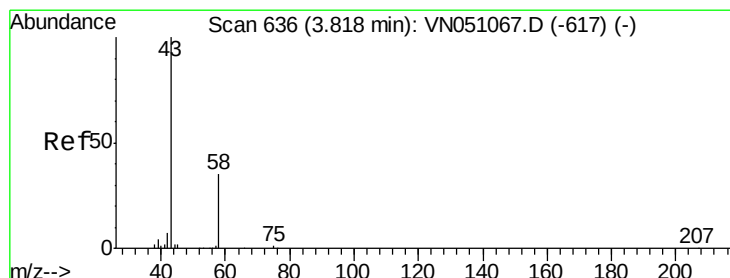
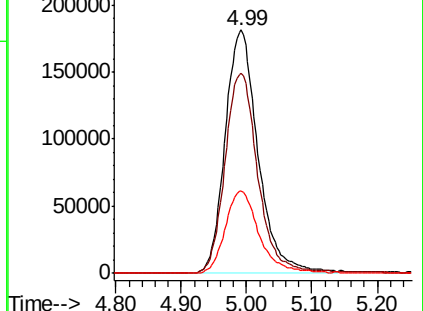
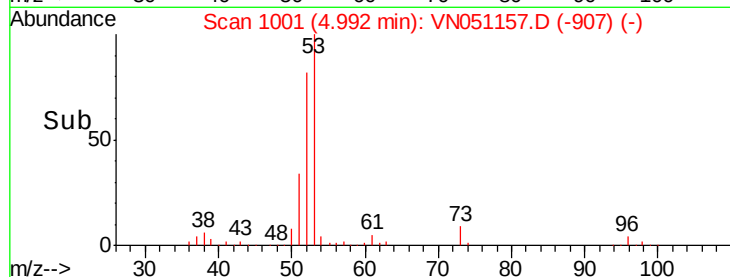


Abundance Ion 53.00 (52.70 to 53.70): VN051067.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN051067.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN051067.D (-976) (-)

Time--> 4.80 4.90 5.00 5.10 5.20



#16

Acetone

Concen: 295.55 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051157.D

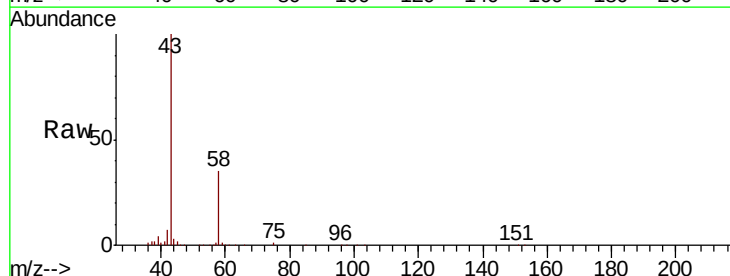
Acq: 13 Sep 2018 8:27

Tgt Ion: 43 Resp: 506730

Ion Ratio Lower Upper

43 100

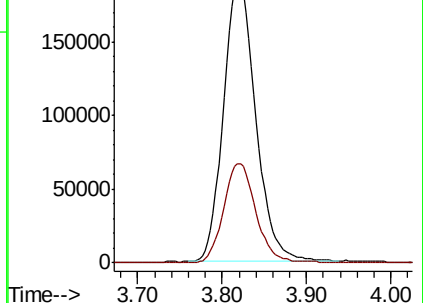
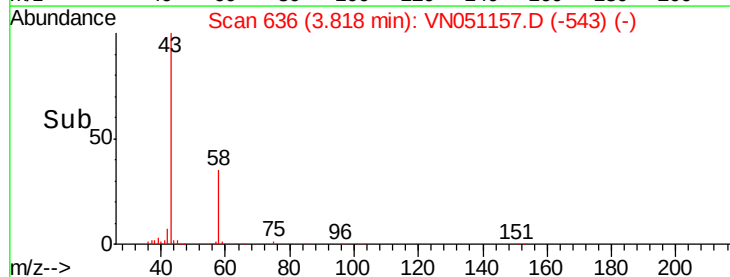
58 34.8 27.8 41.6

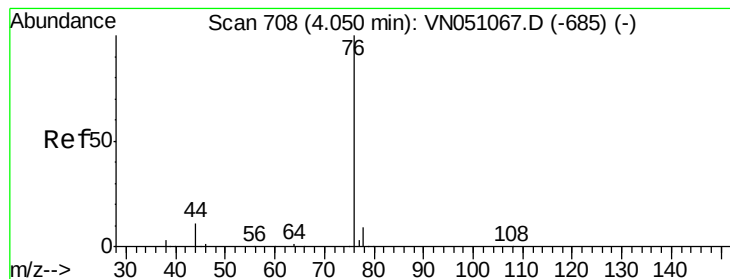


Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-617) (-)

Time--> 3.70 3.80 3.90 4.00





#17

Carbon Disulfide

Concen: 43.67 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

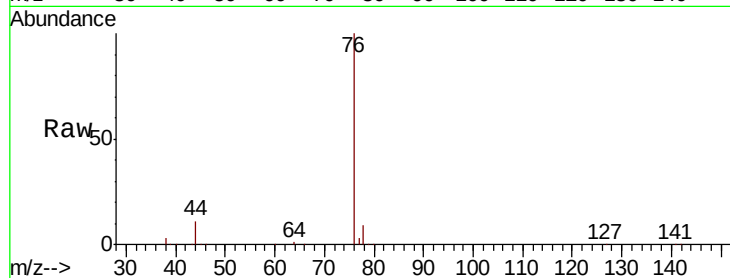
VSTDCCC050

Tot Ion: 76 Resp: 858235

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-685) (-)

4.05

300000

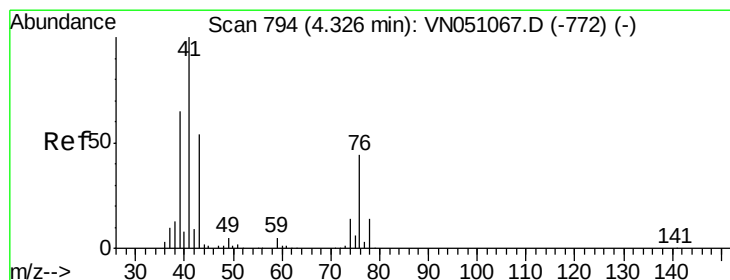
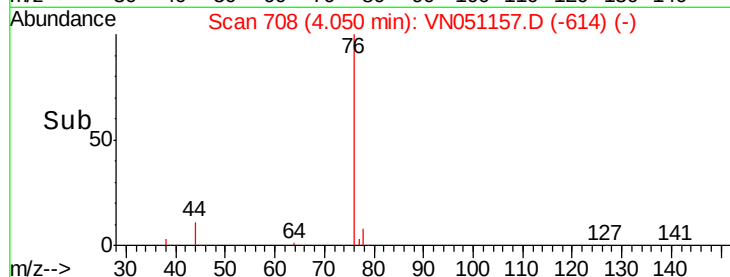
200000

100000

0

3.90 4.00 4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 53.83 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051157.D

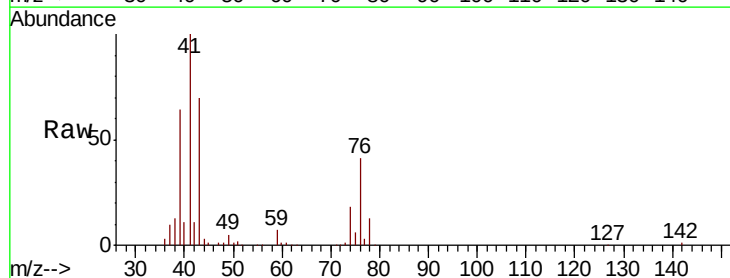
Acq: 13 Sep 2018 8:27

Tgt Ion: 43 Resp: 299982

Ion Ratio Lower Upper

43 100

74 25.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-772) (-)

Ion 74.00 (73.70 to 74.70): VN051067.D (-772) (-)

4.33

120000

100000

80000

60000

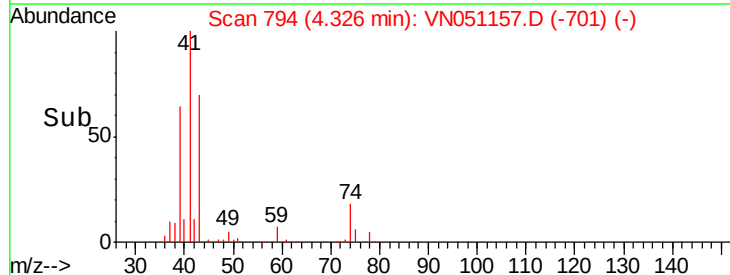
40000

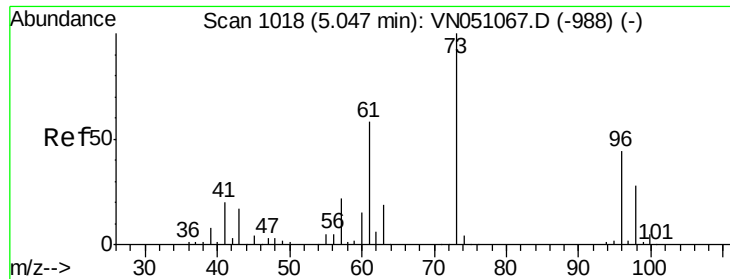
20000

0

4.20 4.30 4.40 4.50

Time-->

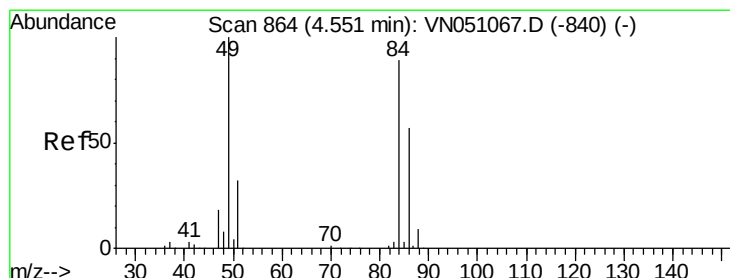
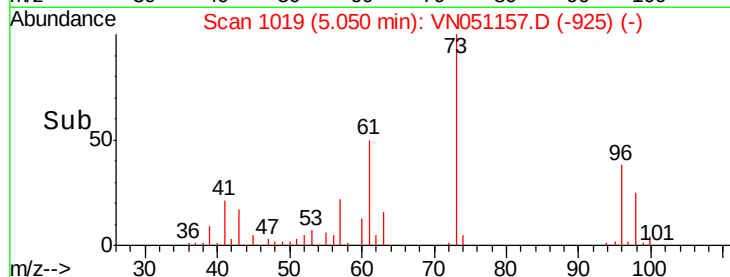
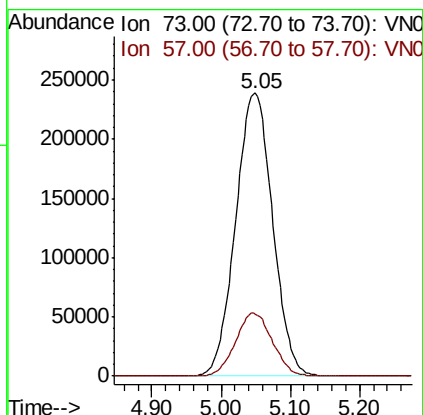
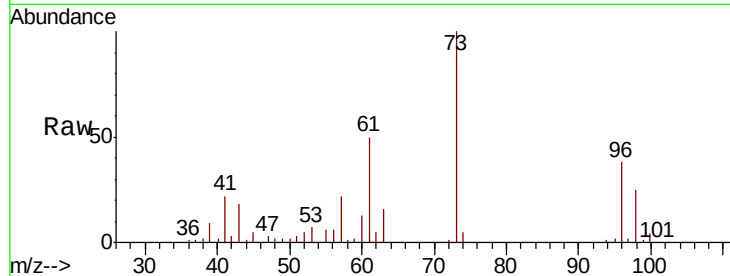




#19
Methyl tert-butyl Ether
Concen: 50.31 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

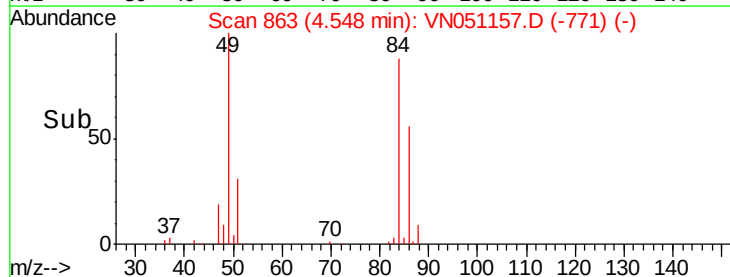
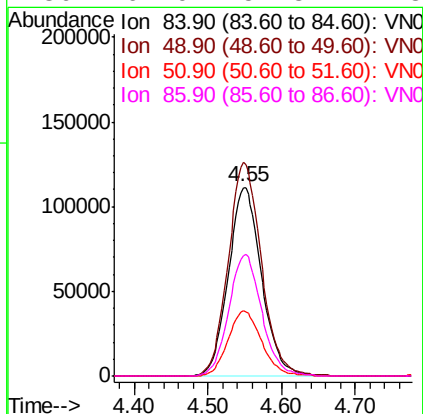
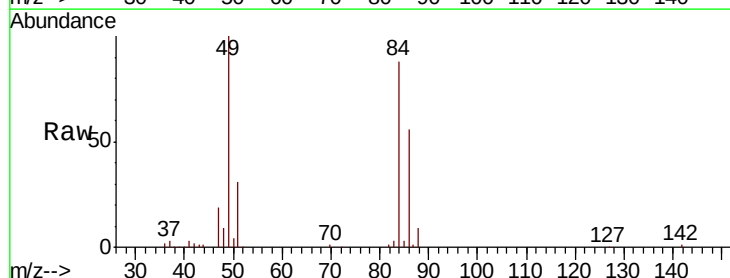
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

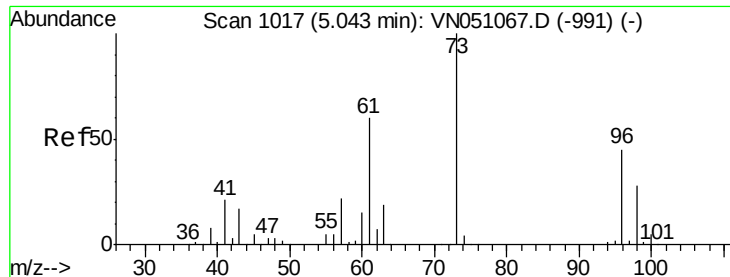
Tot Ion: 73 Resp: 887146
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9



#20
Methylene Chloride
Concen: 45.39 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion: 84 Resp: 348921
Ion Ratio Lower Upper
84 100
49 113.4 90.2 135.2
51 34.6 28.4 42.6
86 64.0 51.8 77.8

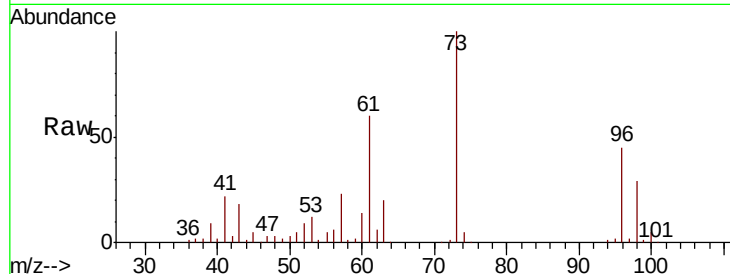




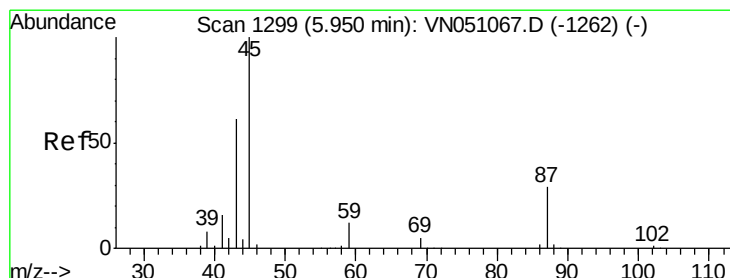
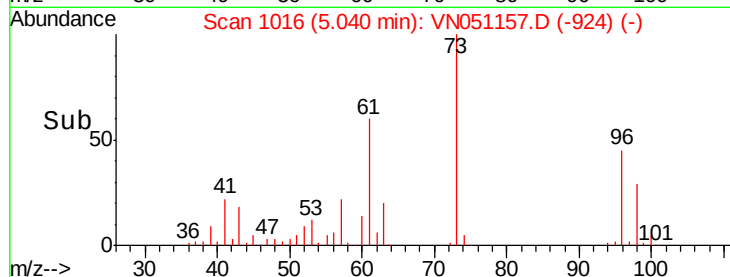
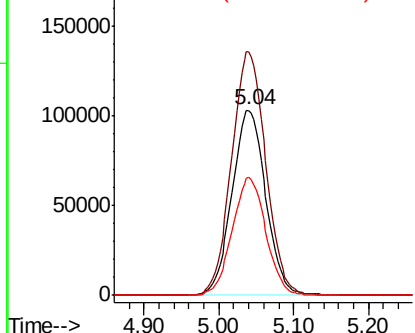
#21
trans-1,2-Dichloroethene
Concen: 44.96 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 325282
Ion Ratio Lower Upper
96 100
61 131.6 106.5 159.7
98 63.7 50.4 75.6

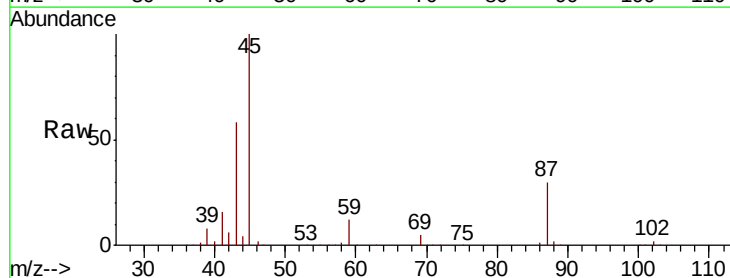


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

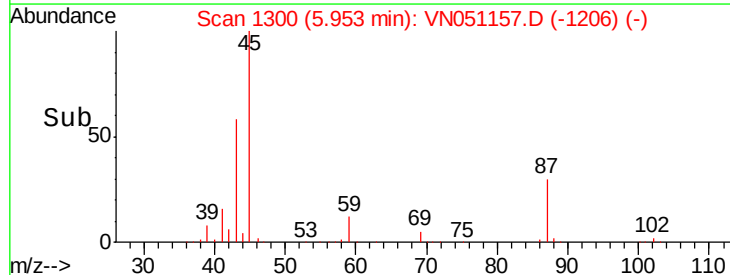
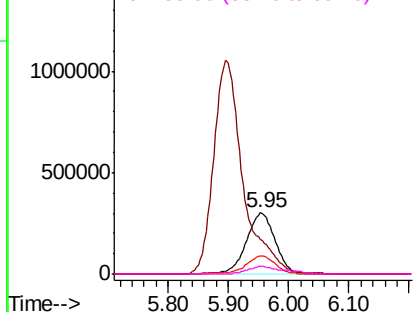


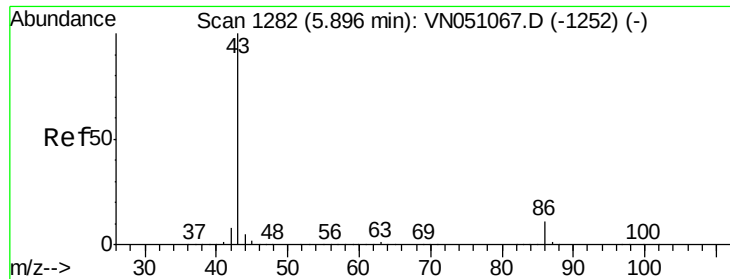
#22
Diisopropyl ether
Concen: 49.93 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion: 45 Resp: 1007219
Ion Ratio Lower Upper
45 100
43 56.7 48.8 73.2
87 30.0 23.8 35.8
59 12.2 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 260.07 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

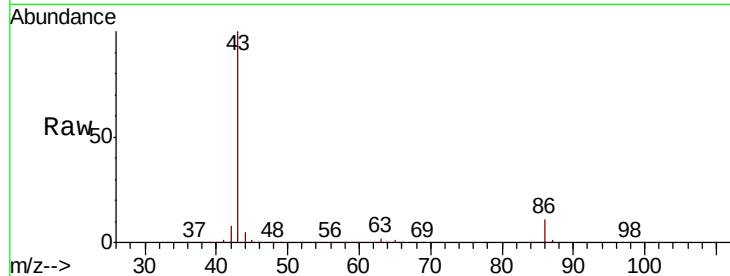
VSTDCCC050

Tot Ion: 43 Resp: 3550526

Ion Ratio Lower Upper

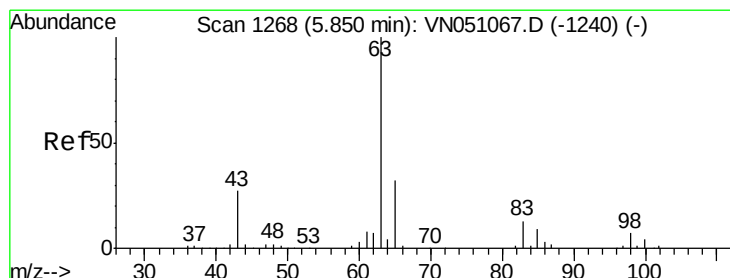
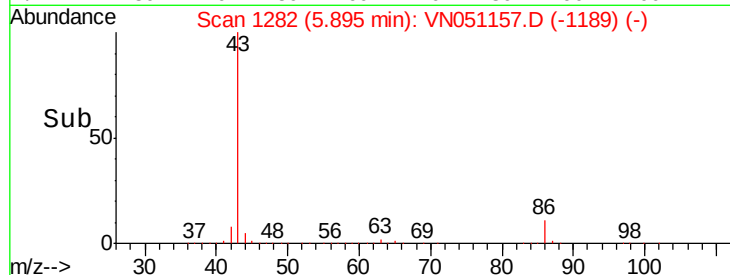
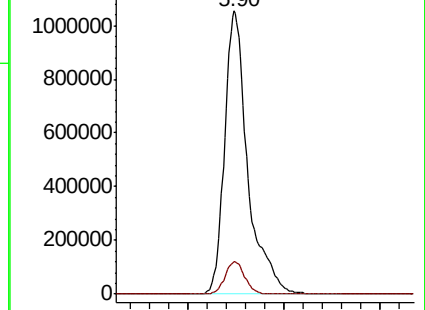
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN051157.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 46.37 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

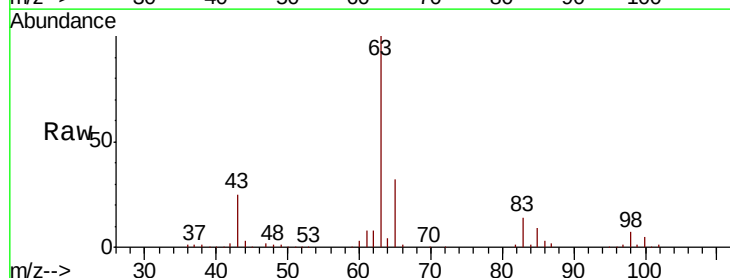
Tgt Ion: 63 Resp: 593547

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

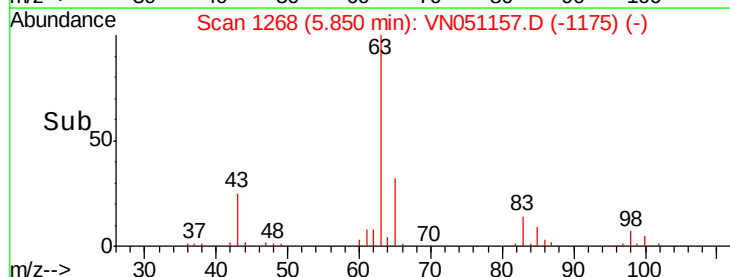
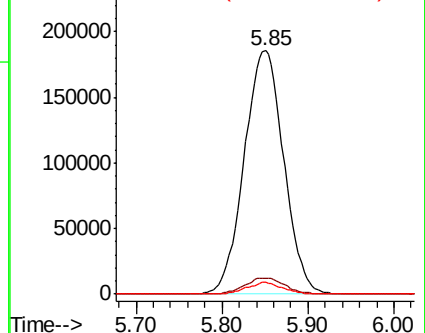
100 4.9 2.1 6.3

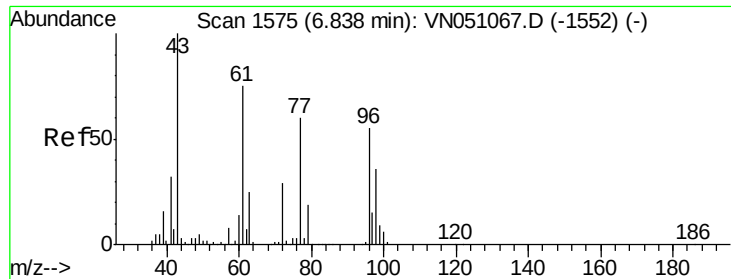


Abundance Ion 62.90 (62.60 to 63.60): VN051157.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN051157.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN051157.D (-1175) (-)

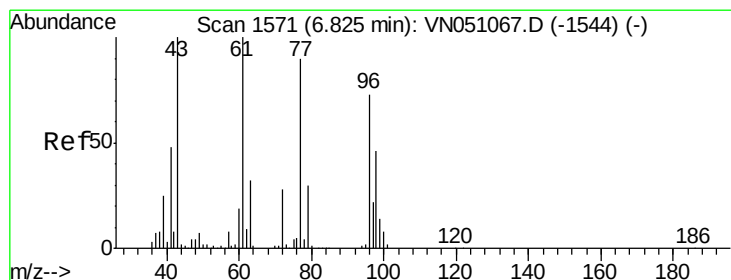
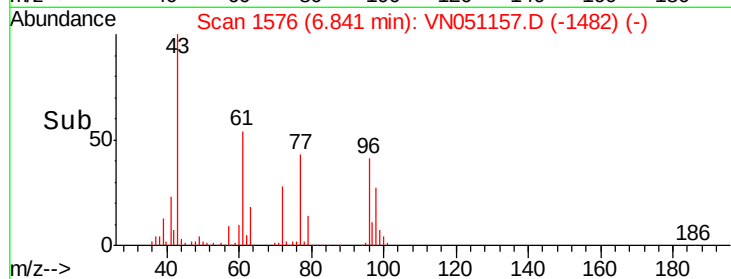
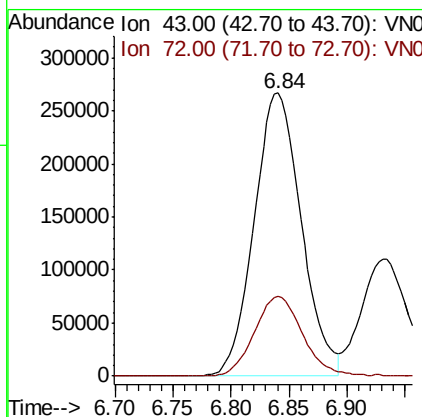
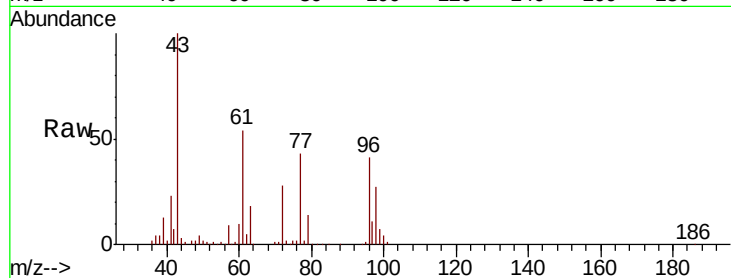




#25
 2-Butanone
 Concen: 275.27 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

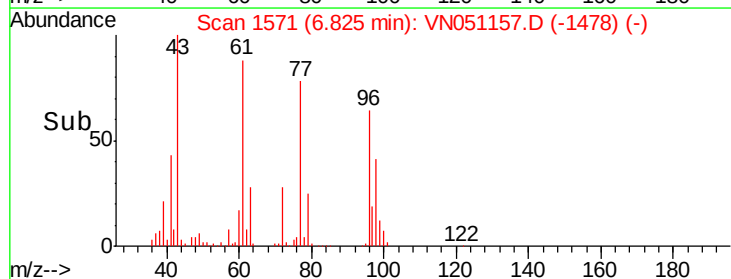
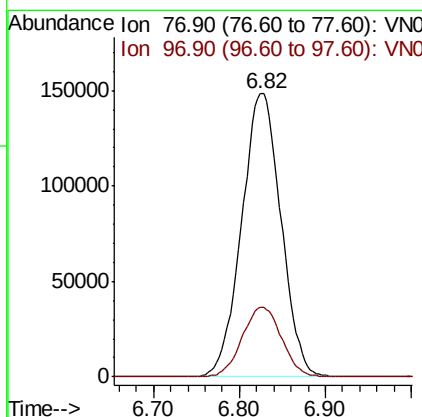
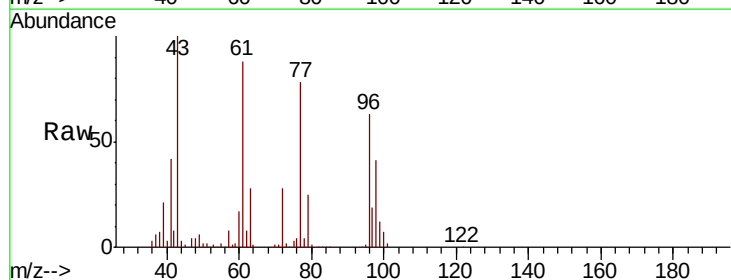
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

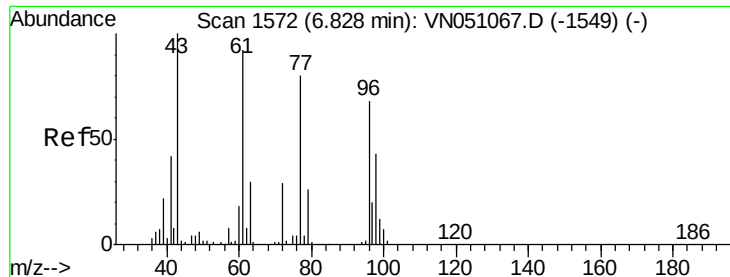
Tot Ion: 43 Resp: 753184
 Ion Ratio Lower Upper
 43 100
 72 28.3 23.0 34.6



#26
 2,2-Dichloropropane
 Concen: 45.13 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

Tgt Ion: 77 Resp: 472829
 Ion Ratio Lower Upper
 77 100
 97 24.6 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 46.08 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

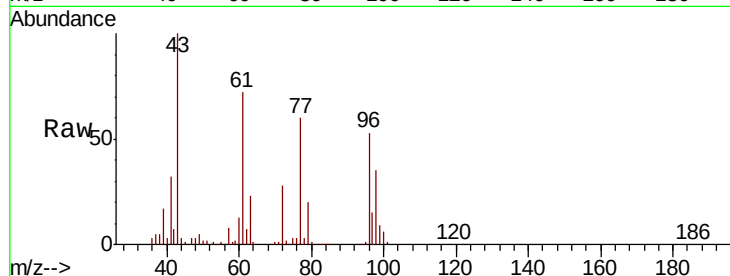
Tot Ion: 96 Resp: 365789

Ion Ratio Lower Upper

96 100

61 138.9 0.0 278.2

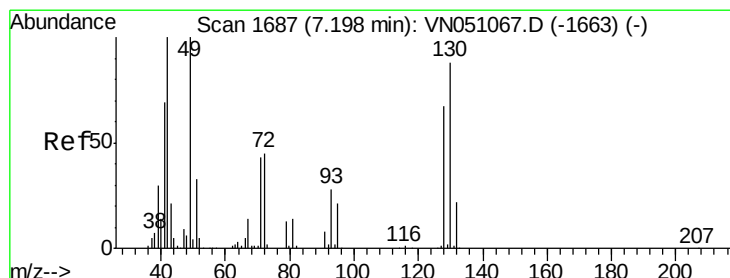
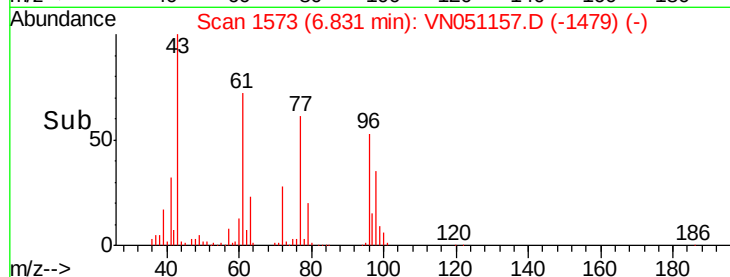
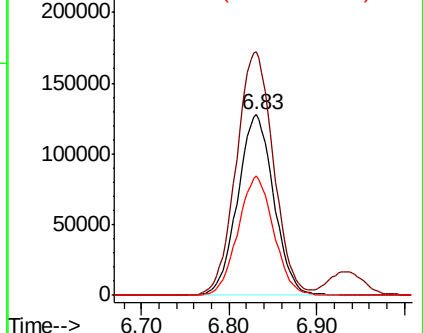
98 65.4 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051157.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN051157.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN051157.D (-1479) (-)



#28

Bromochloromethane

Concen: 49.86 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

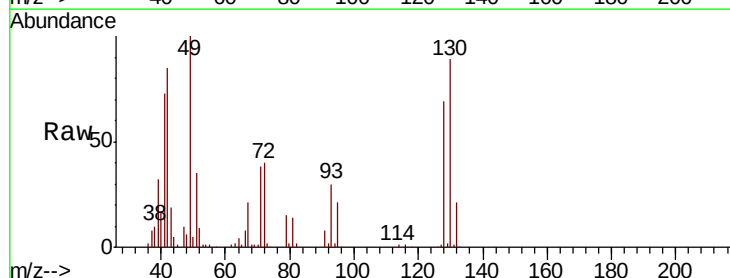
Tgt Ion: 49 Resp: 284034

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

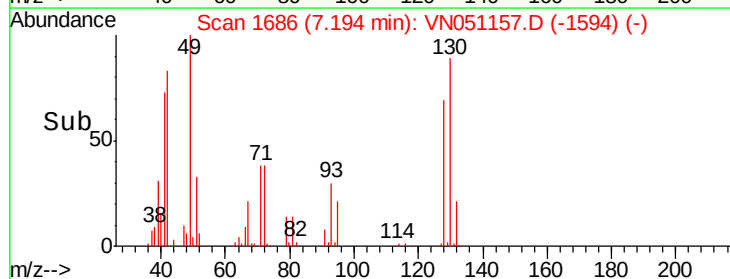
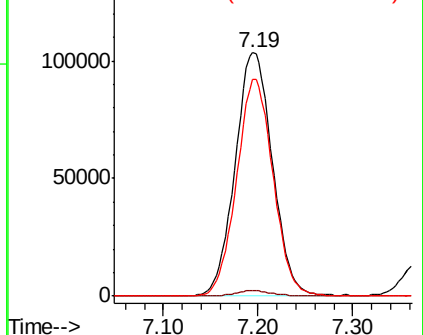
130 87.0 70.7 106.1

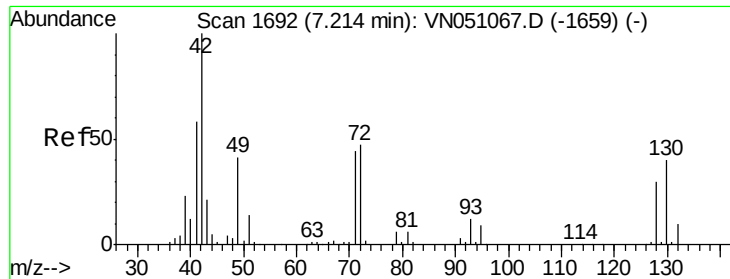


Abundance Ion 48.90 (48.60 to 49.60): VN051157.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051157.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051157.D (-1594) (-)

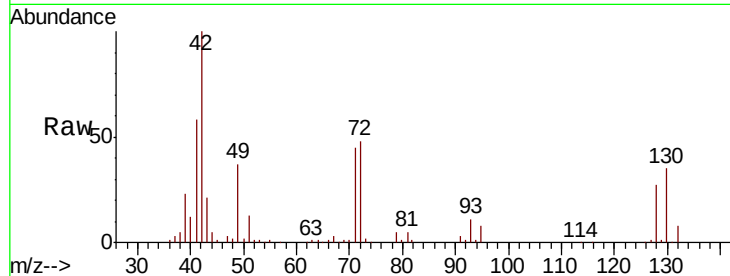




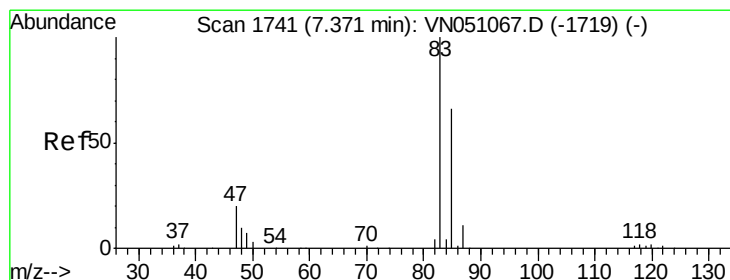
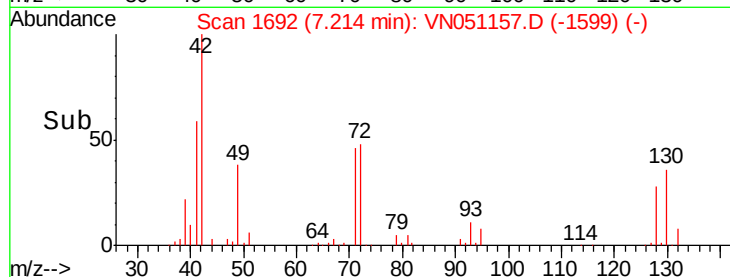
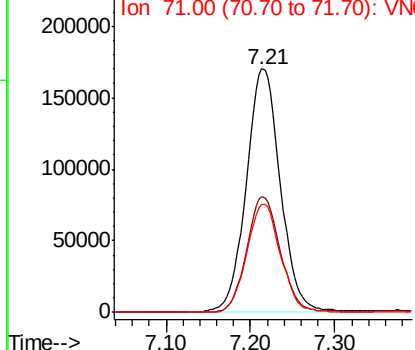
#29
Tetrahydrofuran
Concen: 277.95 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 474911
Ion Ratio Lower Upper
42 100
72 47.1 37.4 56.0
71 44.4 34.7 52.1

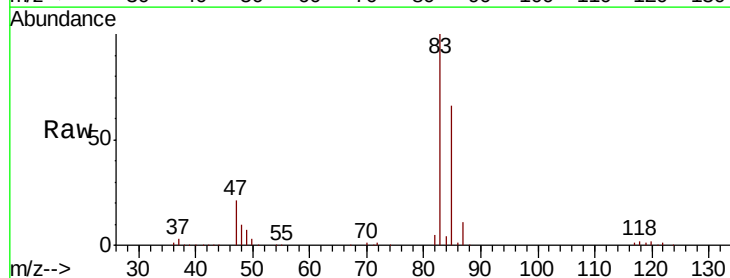


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

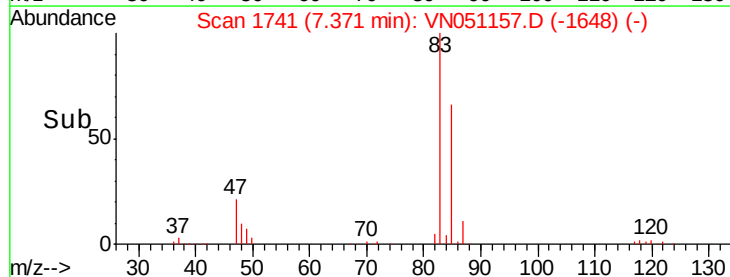
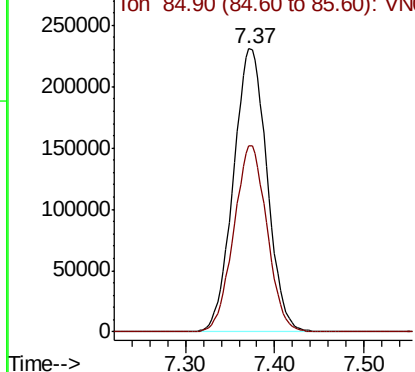


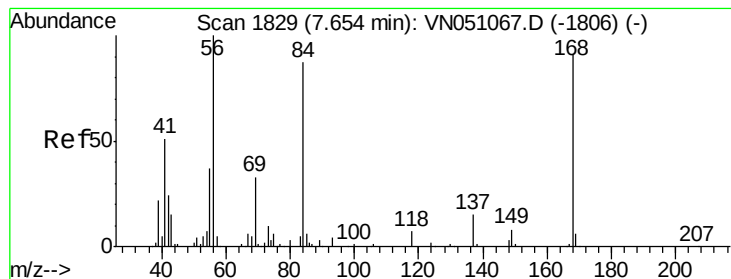
#30
Chloroform
Concen: 47.46 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion: 83 Resp: 604294
Ion Ratio Lower Upper
83 100
85 65.7 52.6 79.0



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





#31

Cyclohexane

Concen: 45.66 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

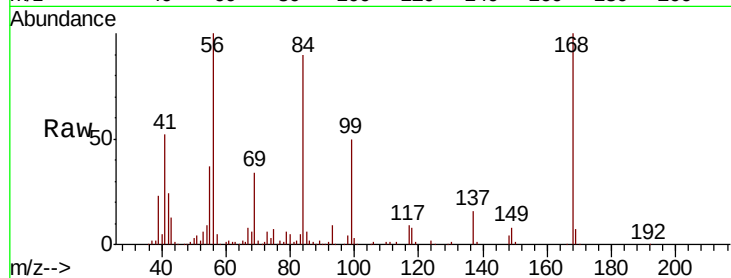
Tot Ion: 56 Resp: 521331

Ion Ratio Lower Upper

56 100

69 33.9 26.3 39.5

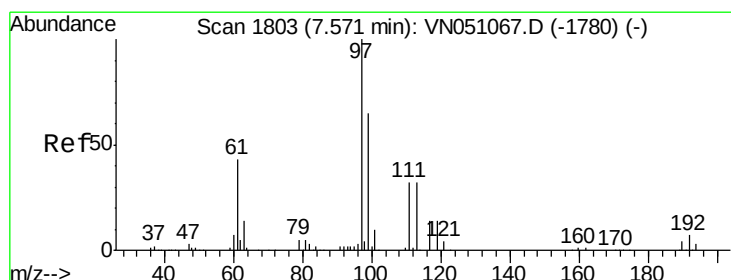
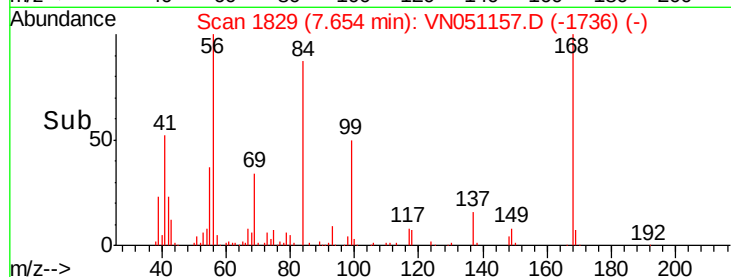
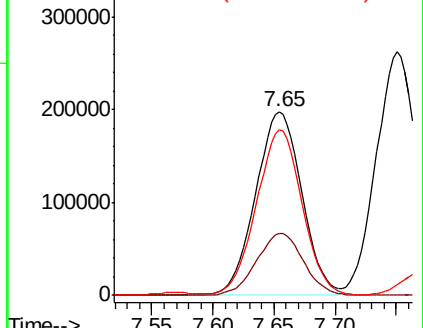
84 88.7 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN051157.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051157.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051157.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 46.80 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

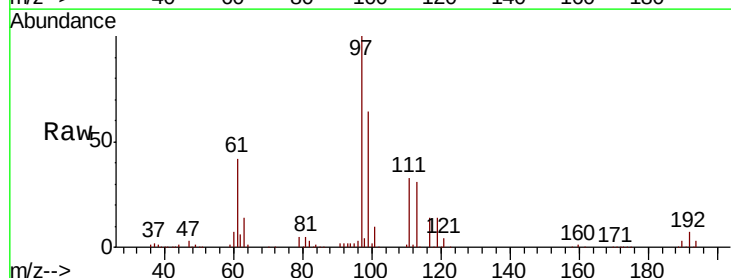
Tgt Ion: 97 Resp: 507805

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

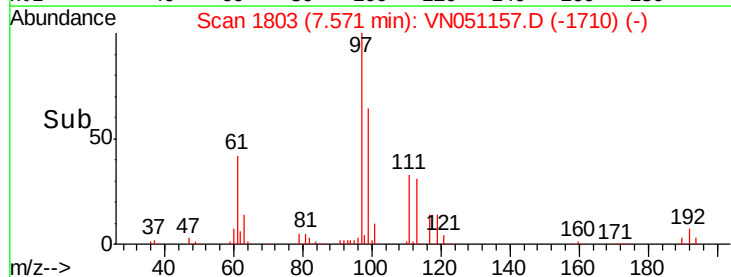
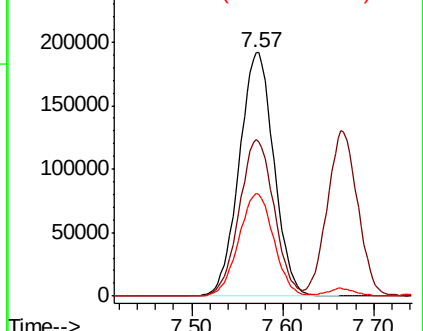
61 42.3 33.8 50.6

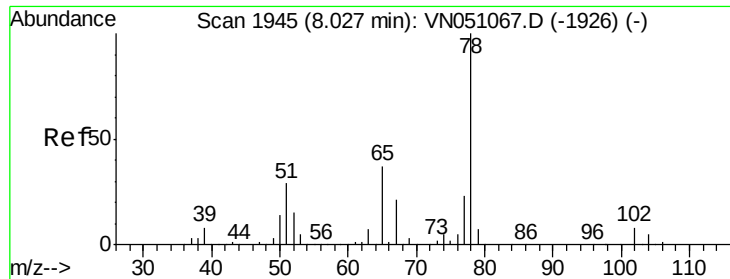


Abundance Ion 96.90 (96.60 to 97.60): VN051157.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN051157.D (-1710) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.56 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

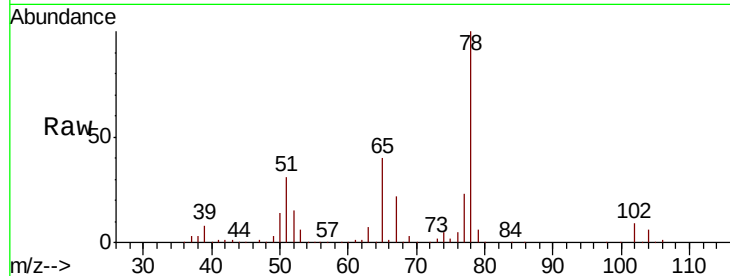
VSTDCCC050

Tot Ion: 65 Resp: 344876

Ion Ratio Lower Upper

65 100

67 55.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051157.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN051157.D (-1852) (-)

8.03

150000

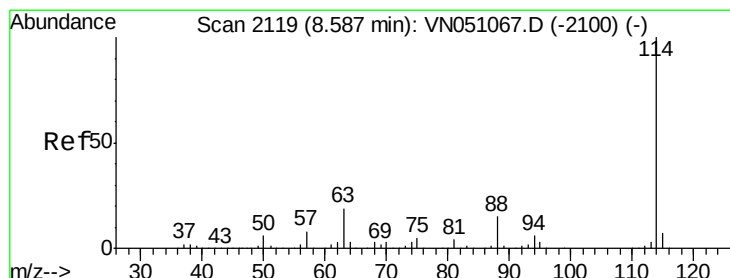
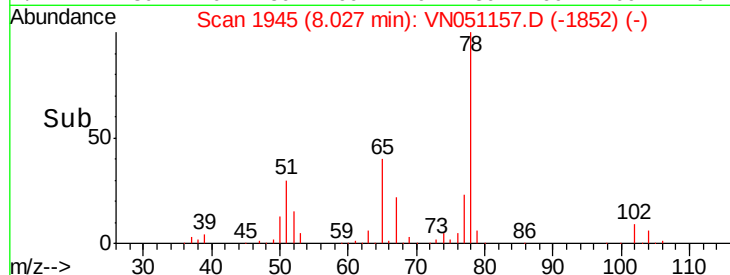
100000

50000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

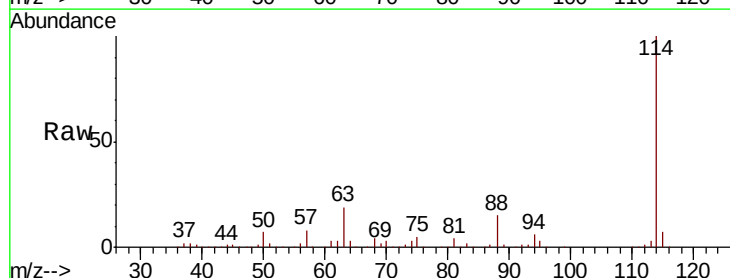
Tgt Ion: 114 Resp: 878459

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

88 15.5 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN051157.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN051157.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN051157.D (-2026) (-)

8.59

500000

400000

300000

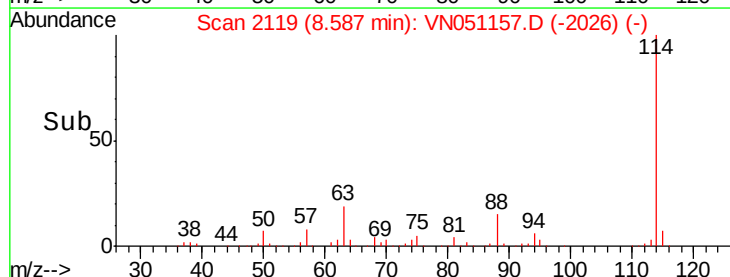
200000

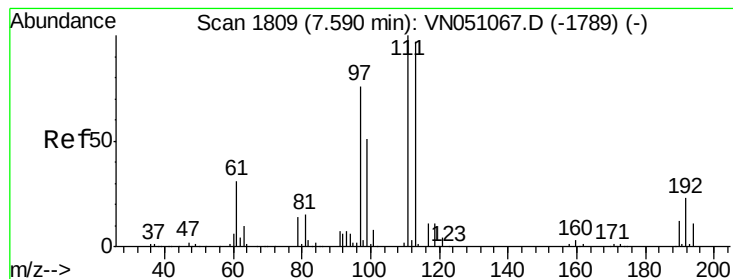
100000

0

8.50 8.60 8.70

Time-->





#35

Dibromofluoromethane

Concen: 50.64 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

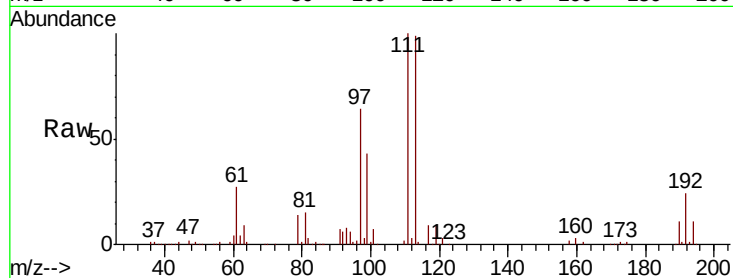
Tot Ion:113 Resp: 334289

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.6

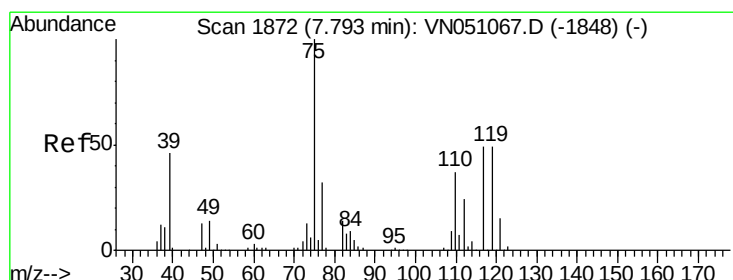
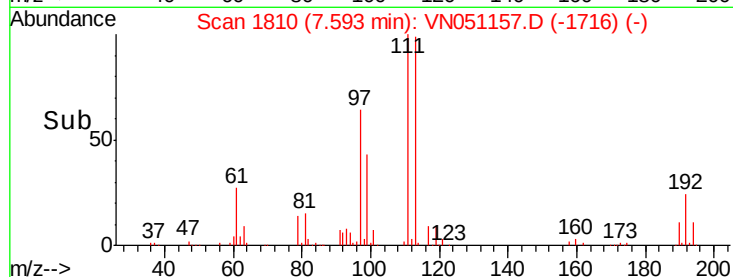
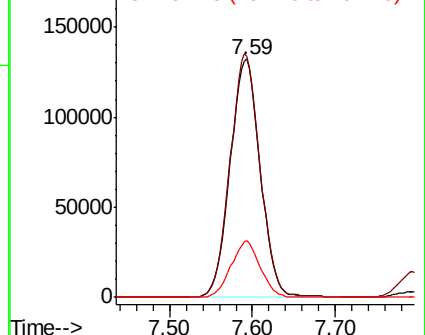
192 22.9 18.7 28.1



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: 47.59 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

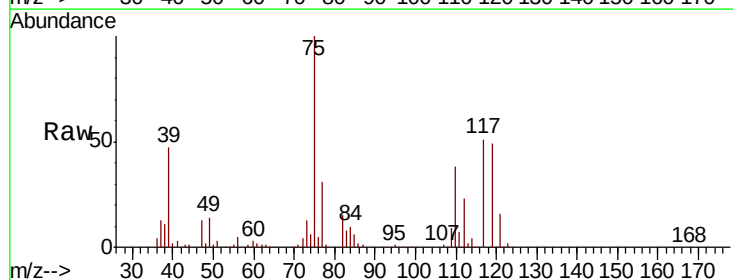
Tgt Ion: 75 Resp: 458985

Ion Ratio Lower Upper

75 100

110 37.5 18.6 55.8

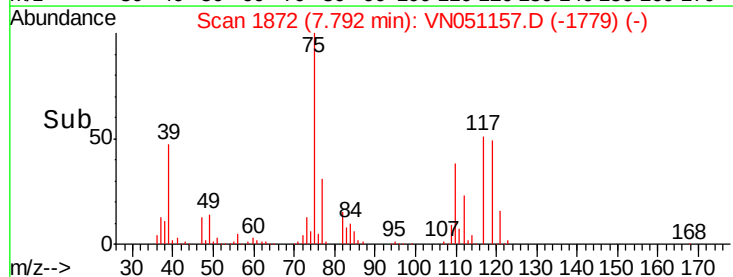
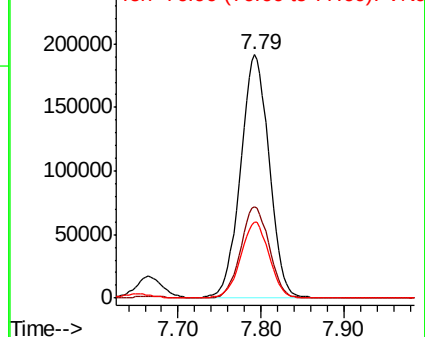
77 31.2 25.2 37.8

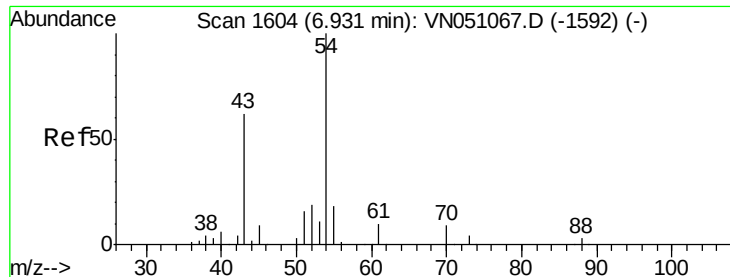


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

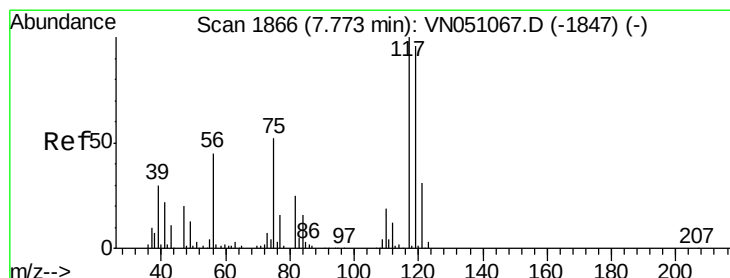
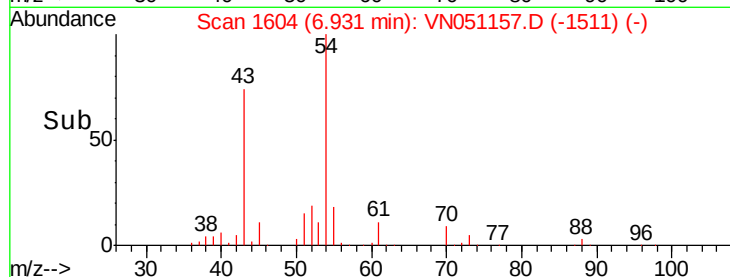
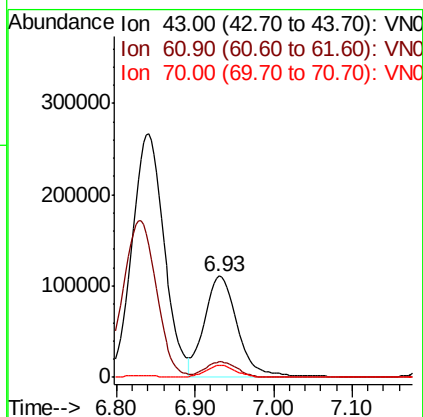
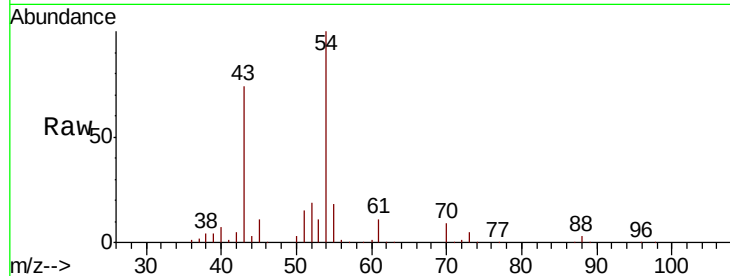




#37
Ethyl Acetate
Concen: 56.73 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

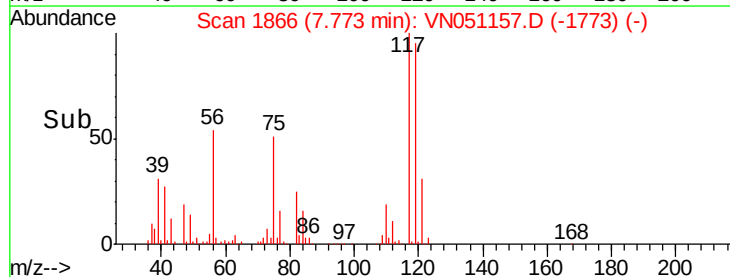
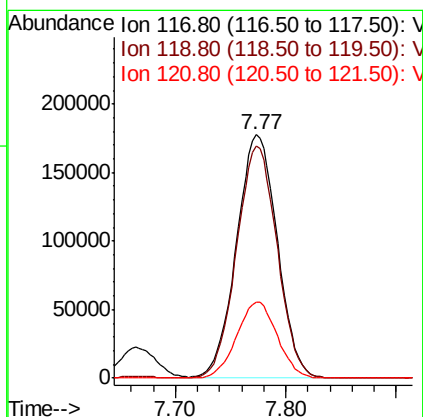
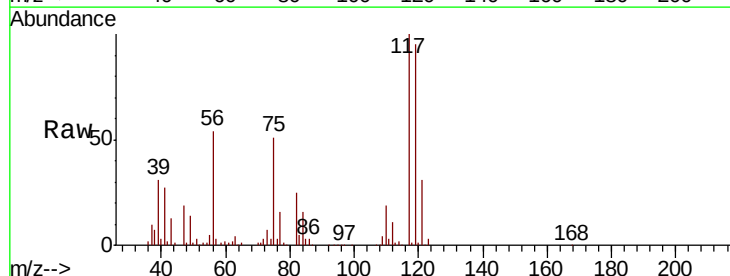
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

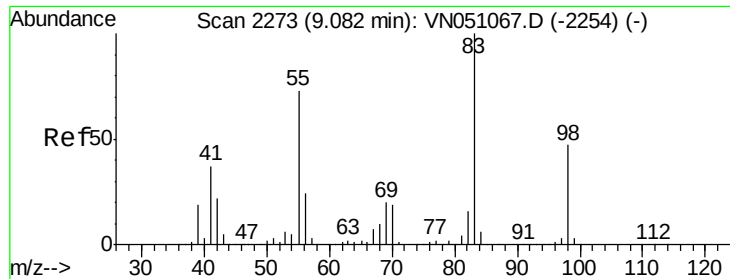
Tot Ion	43	Resp	316905
Ion Ratio	Lower	Upper	
43	100		
61	15.1	12.4	18.6
70	10.8	9.3	13.9



#38
Carbon Tetrachloride
Concen: 47.90 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion	117	Resp	454677
Ion Ratio	Lower	Upper	
117	100		
119	95.4	76.8	115.2
121	31.0	24.6	36.8

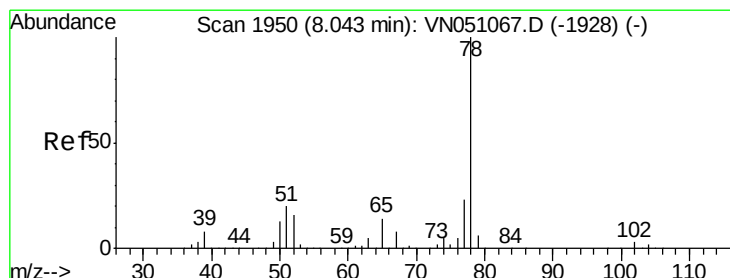
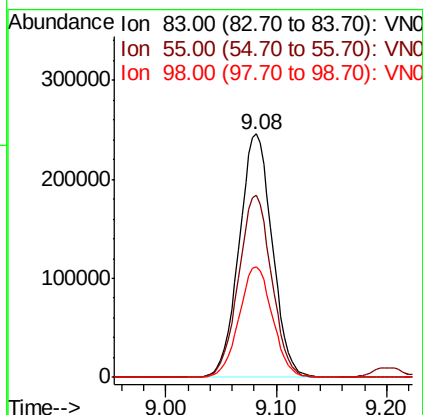
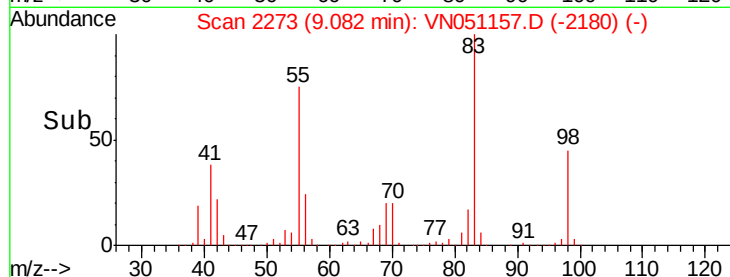
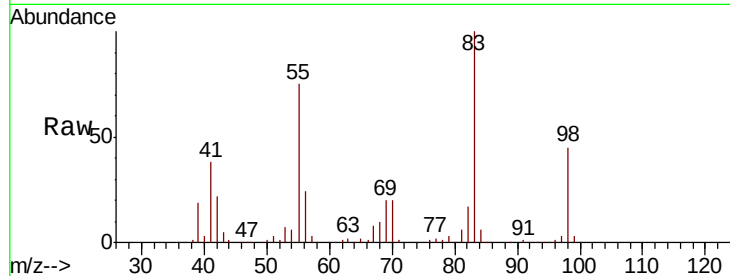




#39
Methylvlcyclohexane
Concen: 48.03 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

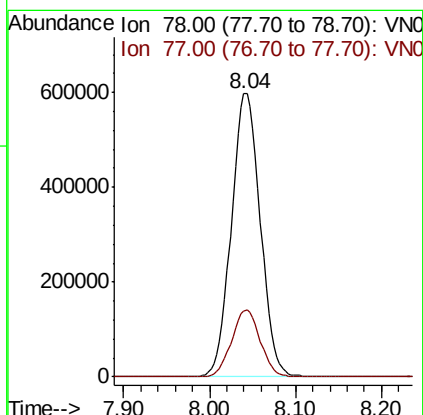
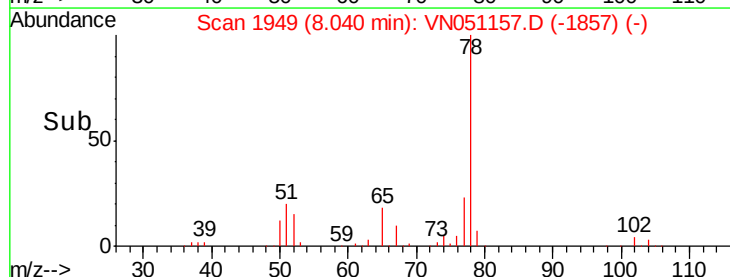
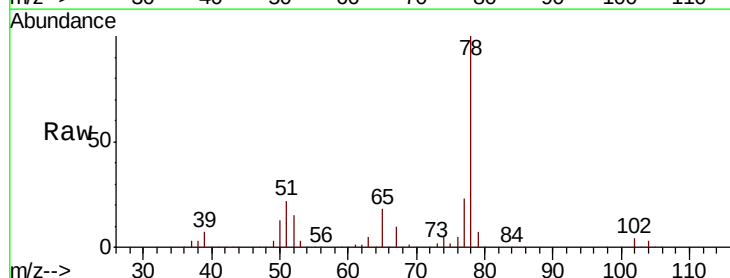
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

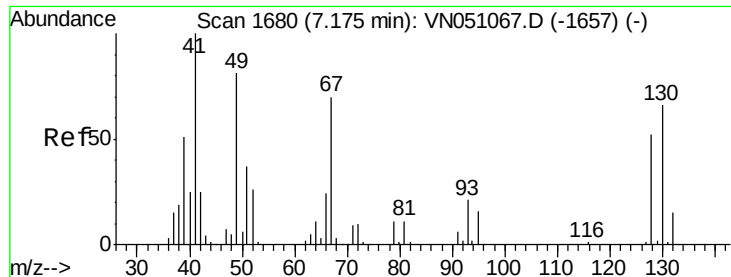
Tot Ion: 83 Resp: 511063
Ion Ratio Lower Upper
83 100
55 74.8 58.4 87.6
98 45.5 37.3 55.9



#40
Benzene
Concen: 47.98 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion: 78 Resp: 1394561
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41

Methacrylonitrile

Concen: 50.64 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 145938

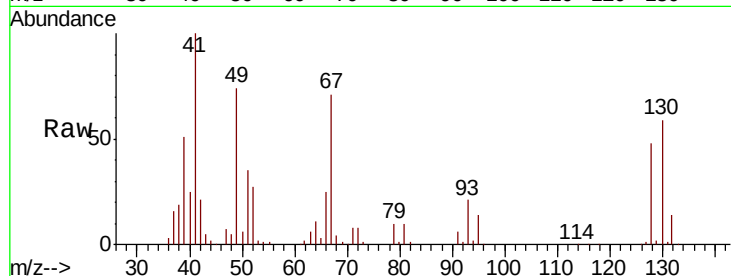
Ion Ratio Lower Upper

41 100

39 65.1 51.3 76.9

67 101.1 78.5 117.7

52 37.6 29.0 43.6

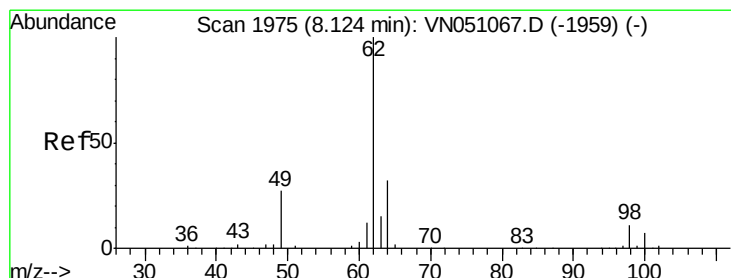
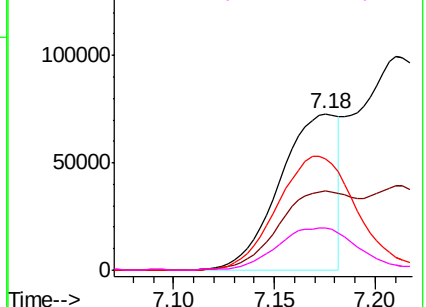
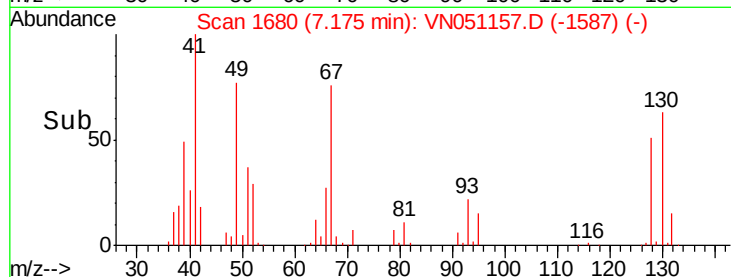


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 49.47 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN051157.D

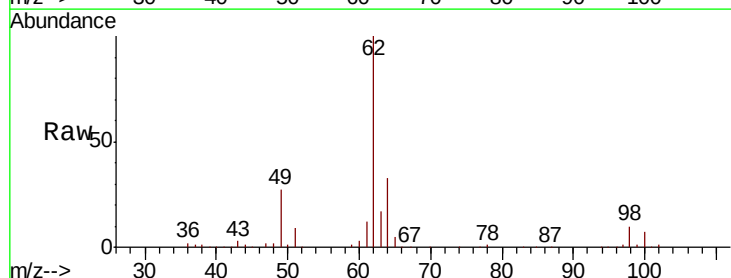
Acq: 13 Sep 2018 8:27

Tgt Ion: 62 Resp: 419077

Ion Ratio Lower Upper

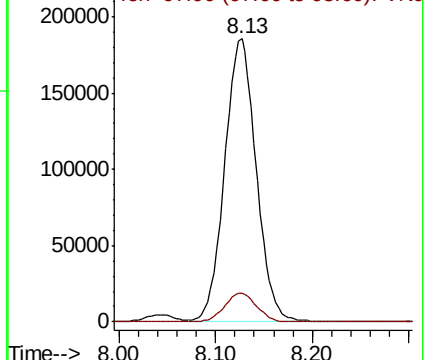
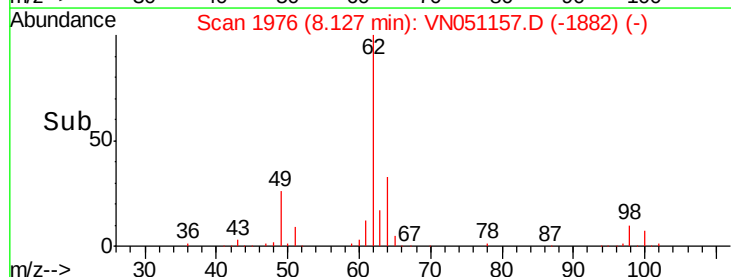
62 100

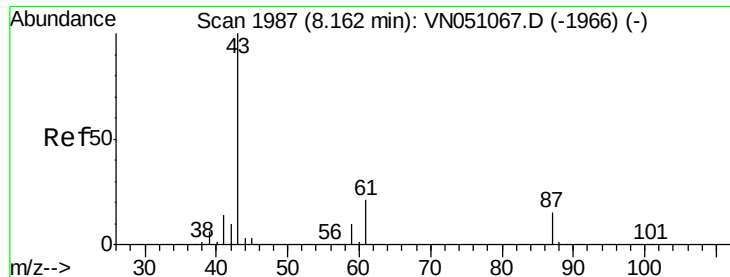
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 55.68 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

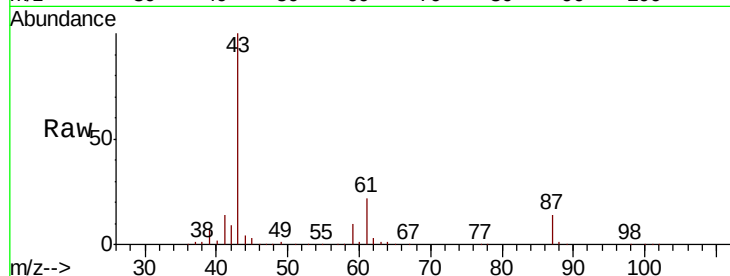
Tot Ion: 43 Resp: 548792

Ion Ratio Lower Upper

43 100

61 30.2 25.0 37.6

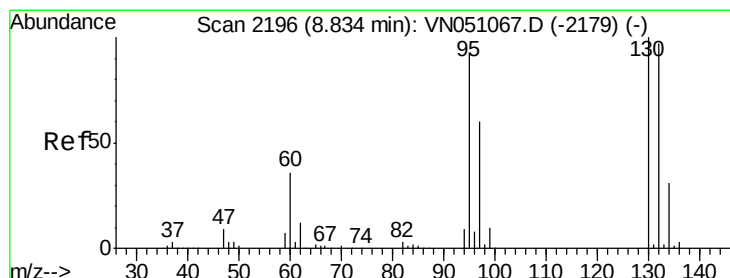
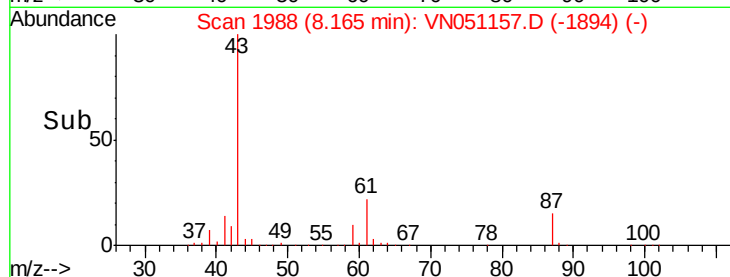
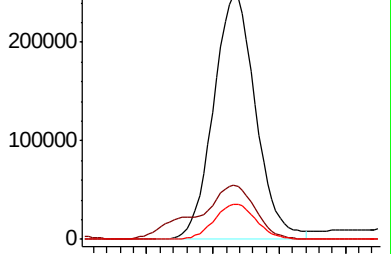
87 14.3 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN051067.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN051067.D (-1966) (-)



#44

Trichloroethene

Concen: 46.74 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051157.D

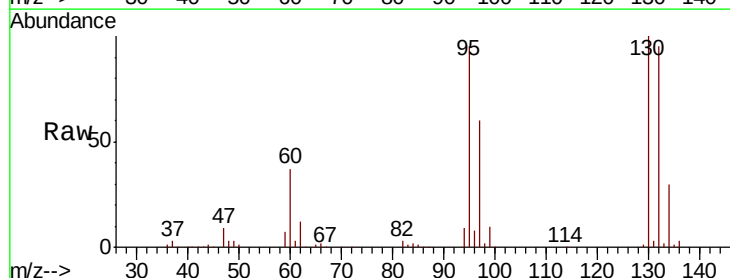
Acq: 13 Sep 2018 8:27

Tgt Ion:130 Resp: 371537

Ion Ratio Lower Upper

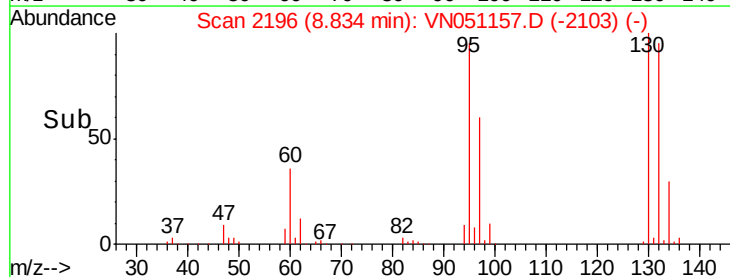
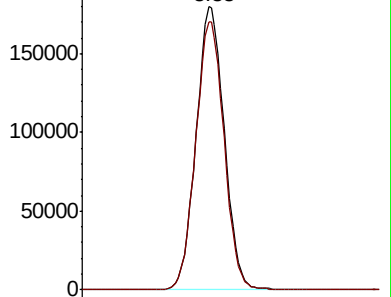
130 100

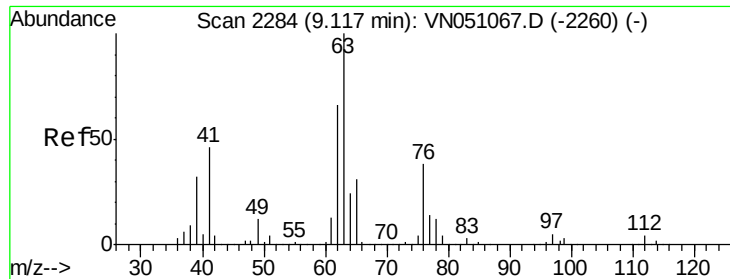
95 94.8 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): VN051067.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051067.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 48.58 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

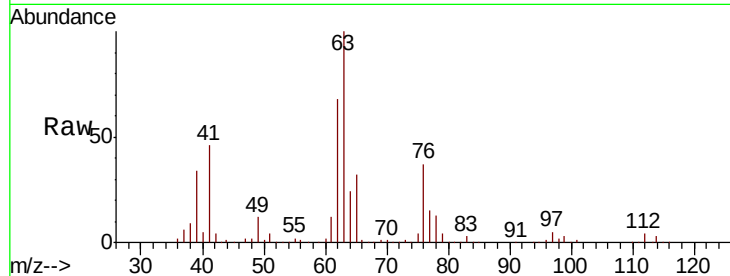
VSTDCCC050

Tot Ion: 63 Resp: 364820

Ion Ratio Lower Upper

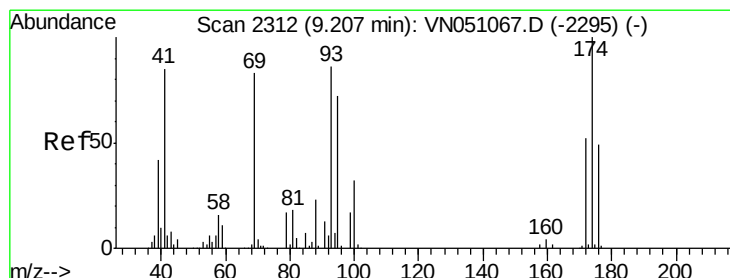
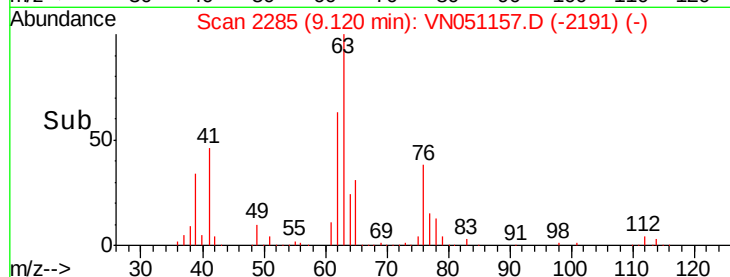
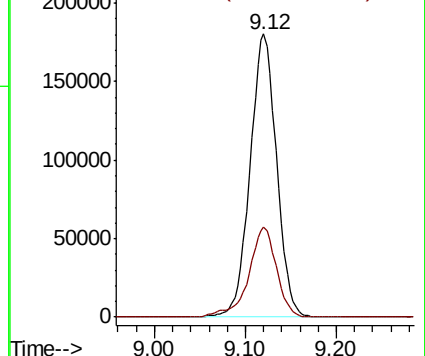
63 100

65 31.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.36 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

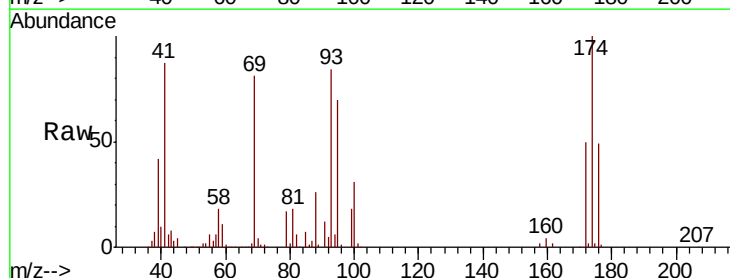
Tgt Ion: 93 Resp: 226153

Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

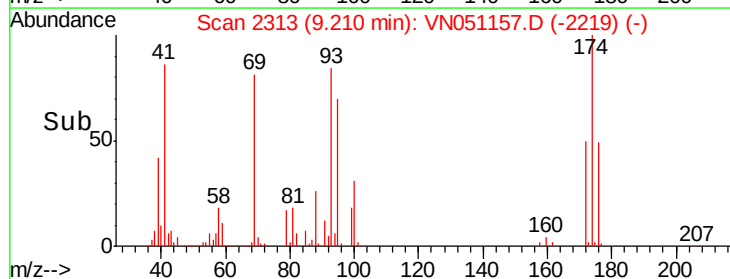
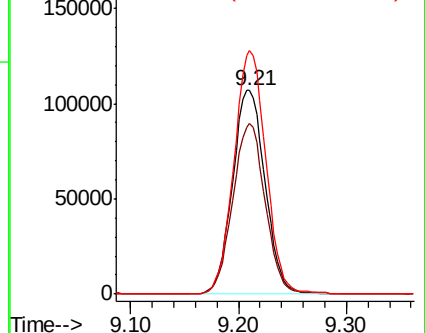
174 116.9 93.3 139.9

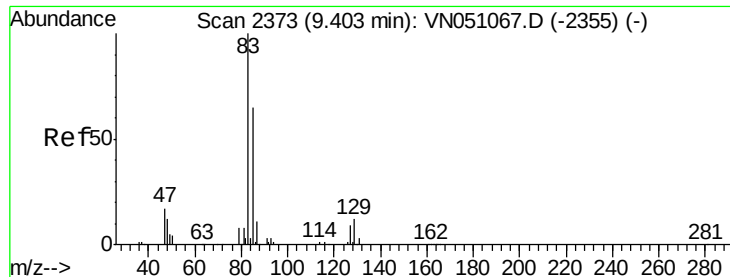


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.74 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

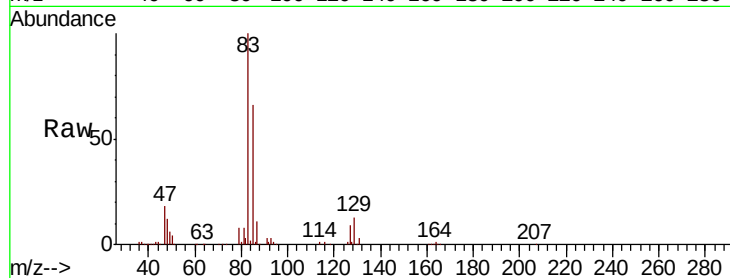
Tot Ion: 83 Resp: 463431

Ion Ratio Lower Upper

83 100

85 66.0 52.3 78.5

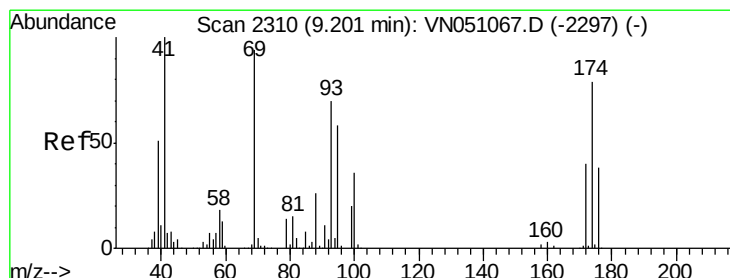
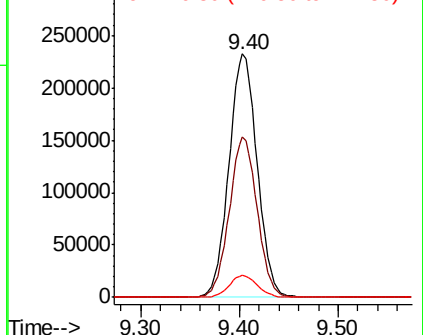
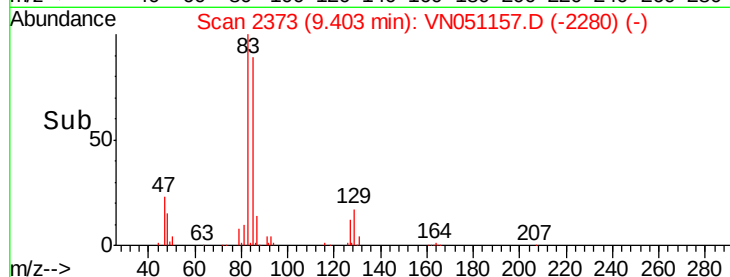
127 9.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051157.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051157.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051157.D (-2280) (-)



#48

Methyl methacrylate

Concen: 55.59 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

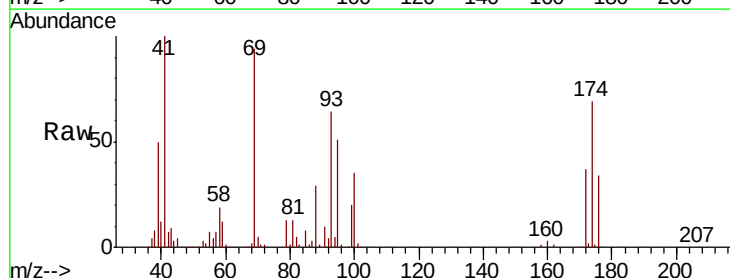
Tgt Ion: 41 Resp: 267026

Ion Ratio Lower Upper

41 100

69 97.5 77.7 116.5

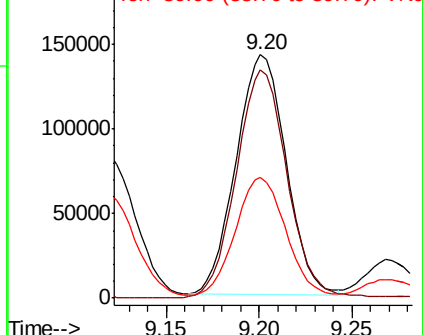
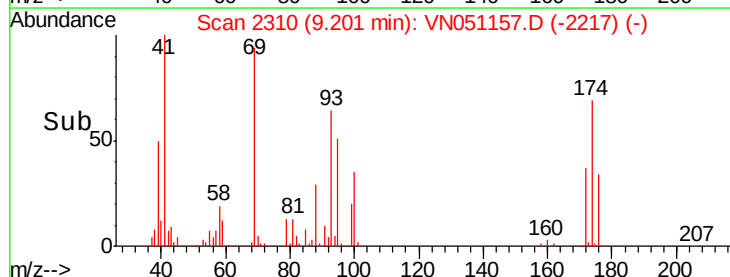
39 51.3 41.6 62.4

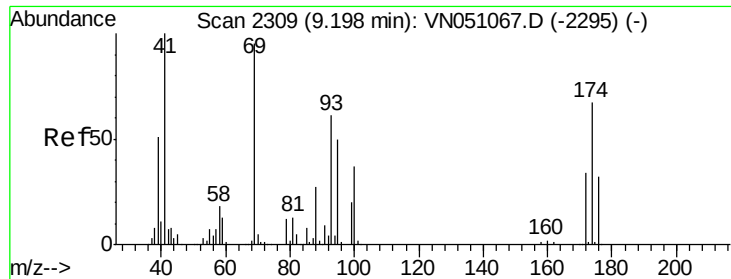


Abundance Ion 41.00 (40.70 to 41.70): VN051157.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051157.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051157.D (-2217) (-)

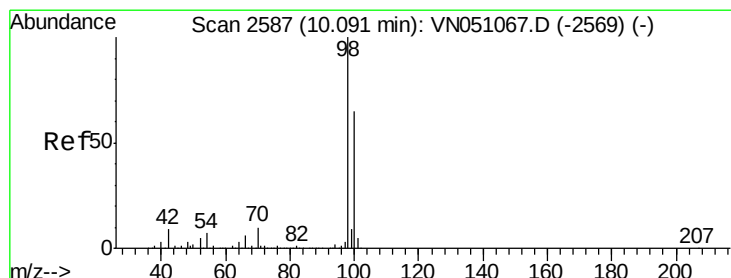
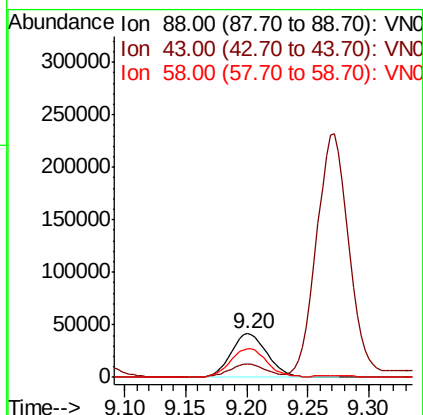
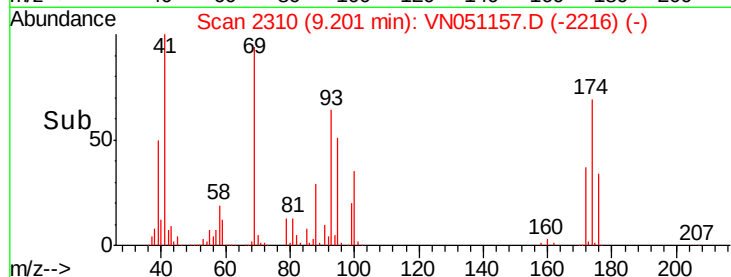
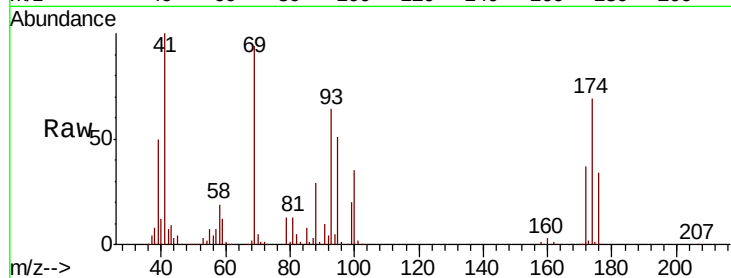




#49
1,4-Dioxane
Concen: 1141.82 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

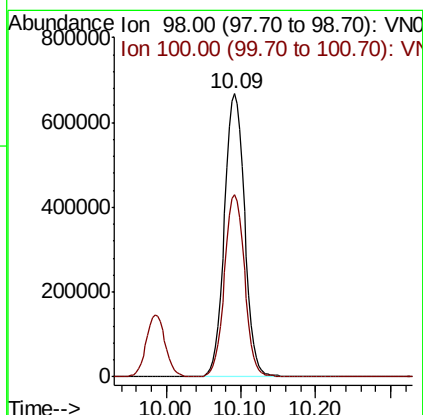
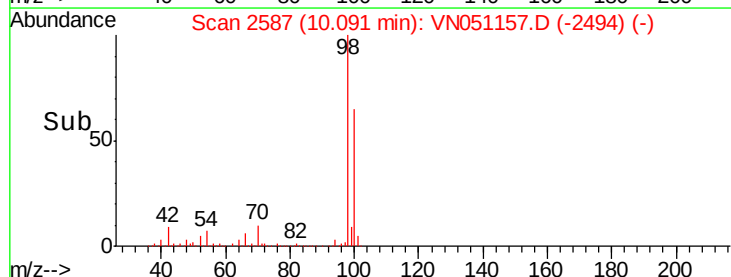
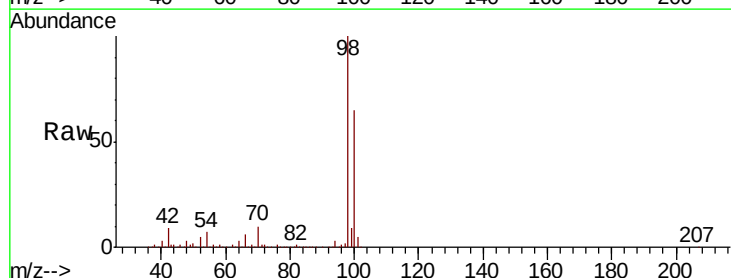
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

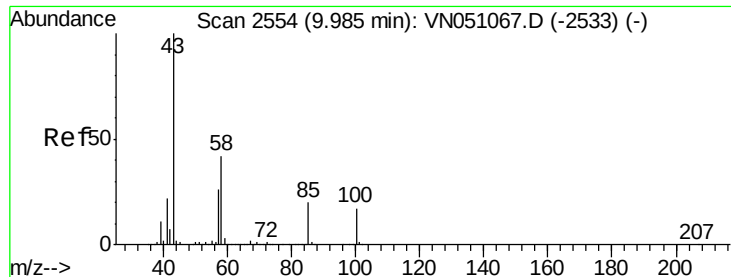
Tot Ion: 88 Resp: 86000
Ion Ratio Lower Upper
88 100
43 29.4 23.7 35.5
58 66.2 54.6 82.0



#50
Toluene-d8
Concen: 49.79 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion: 98 Resp: 1247247
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 288.46 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

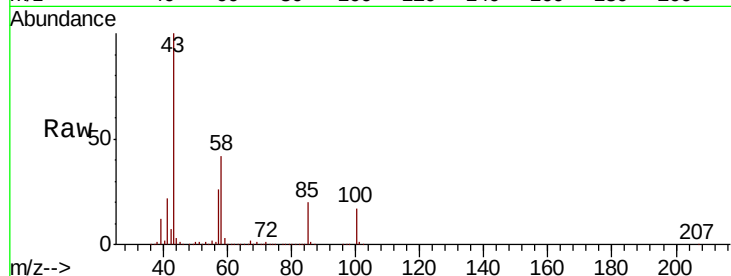
VSTDCCC050

Tot Ion: 43 Resp: 1572227

Ion Ratio Lower Upper

43 100

58 41.8 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-2533) (-)

9.99

800000

600000

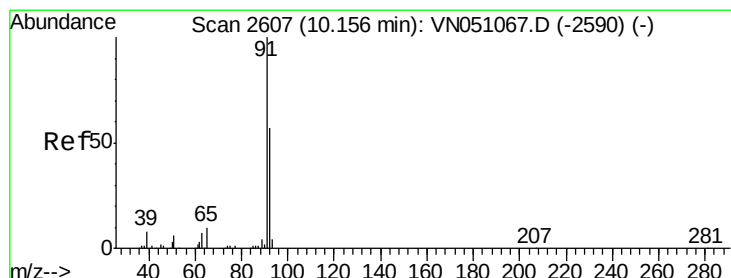
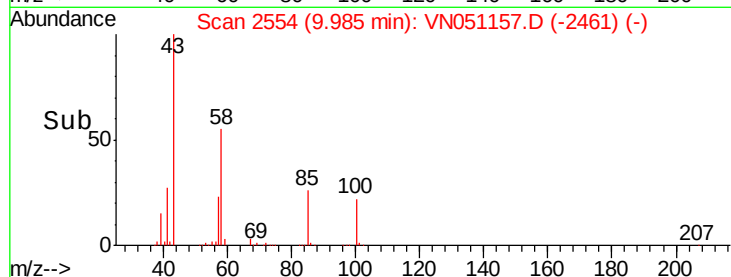
400000

200000

0

Time-->

9.90 10.00 10.10



#52

Toluene

Concen: 49.39 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051157.D

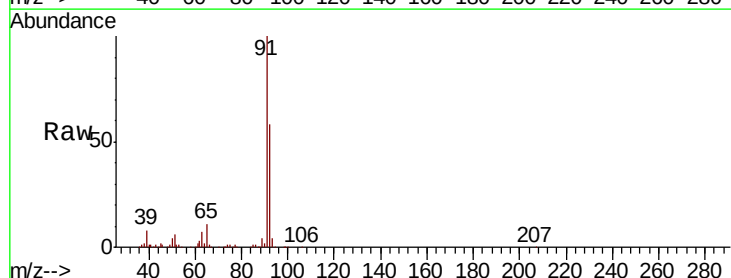
Acq: 13 Sep 2018 8:27

Tgt Ion: 92 Resp: 875292

Ion Ratio Lower Upper

92 100

91 174.7 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN051157.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN051157.D (-2514) (-)

10.16

800000

600000

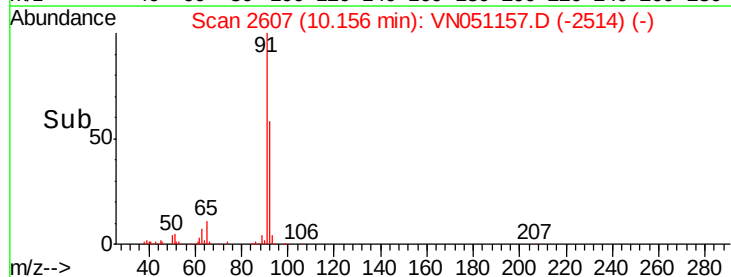
400000

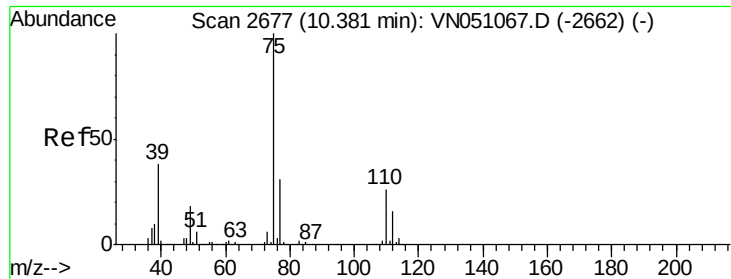
200000

0

Time-->

10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 50.93 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

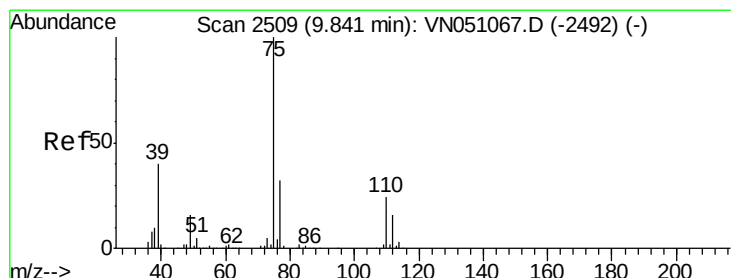
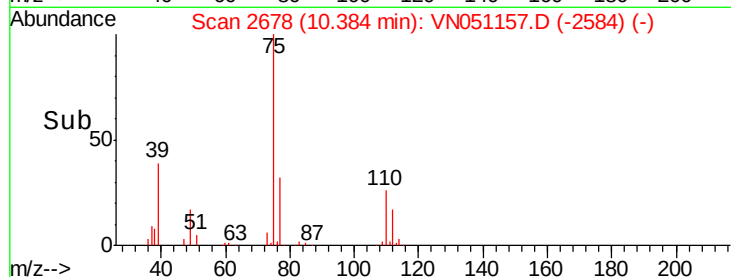
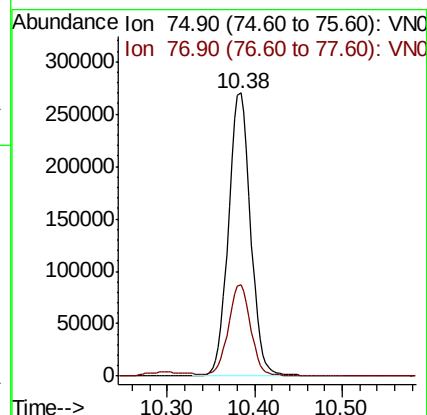
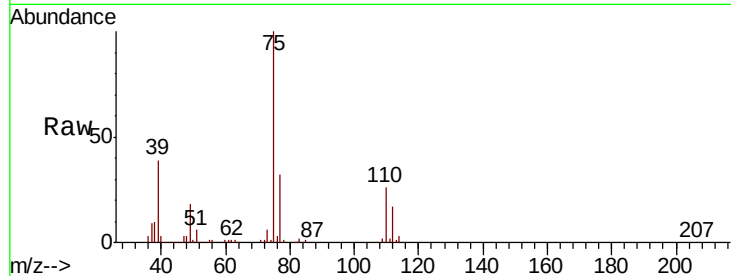
VSTDCCC050

Tot Ion: 75 Resp: 474891

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 49.55 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

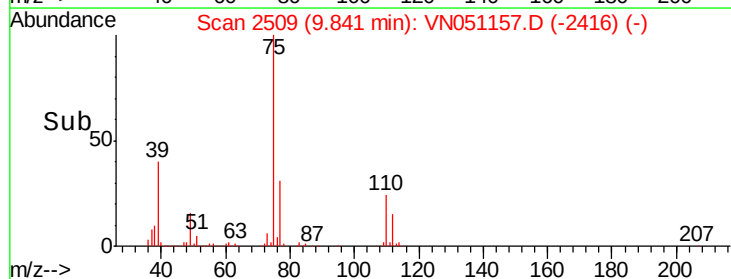
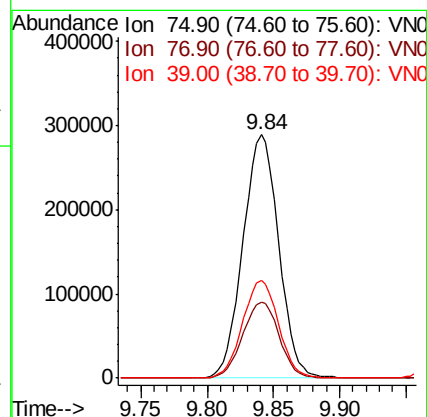
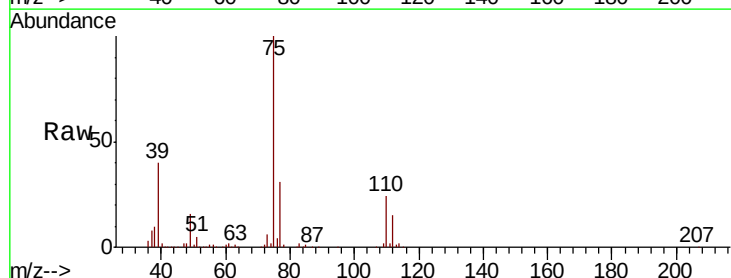
Tgt Ion: 75 Resp: 541780

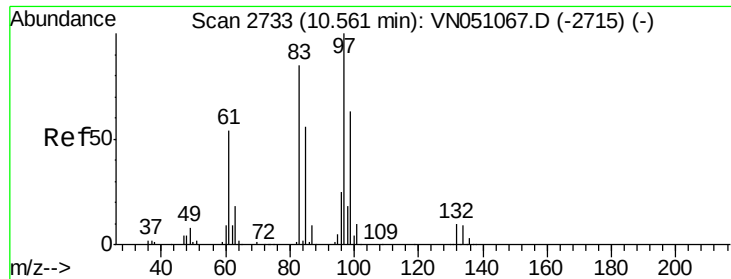
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 40.1 31.9 47.9





#55

1,1,2-Trichloroethane

Concen: 51.05 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 328654

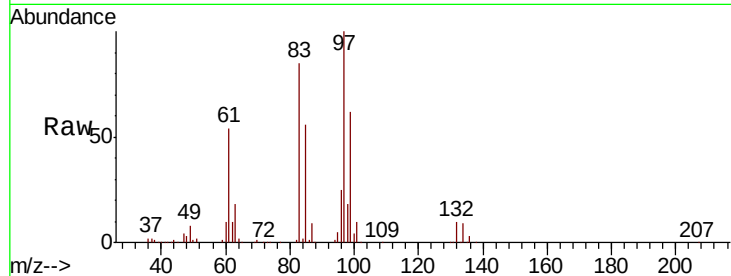
Ion Ratio Lower Upper

97 100

83 85.0 68.2 102.2

85 55.7 44.8 67.2

99 62.2 50.2 75.4

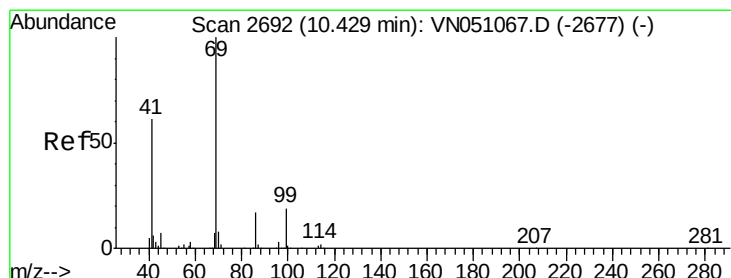
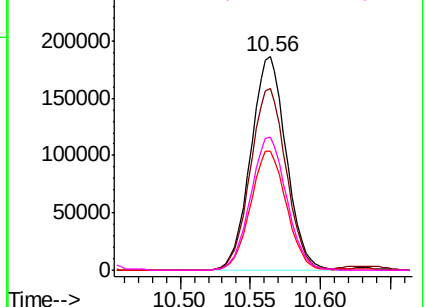
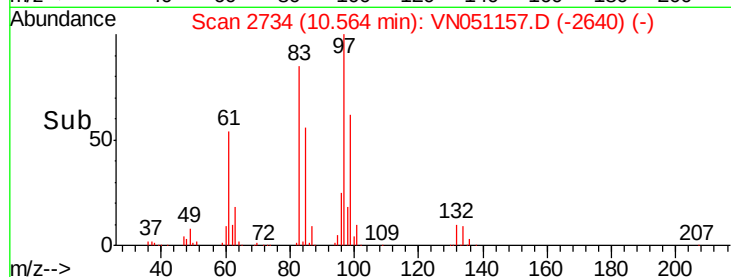


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 50.53 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

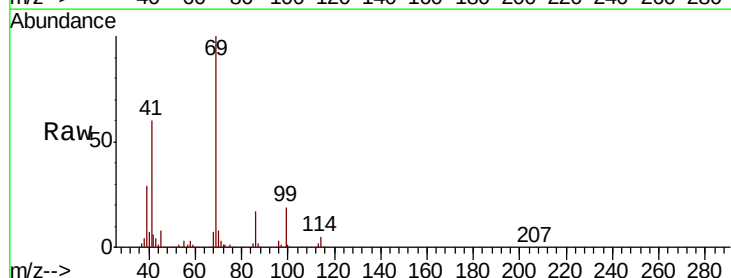
Tgt Ion: 69 Resp: 436729

Ion Ratio Lower Upper

69 100

41 58.9 47.8 71.8

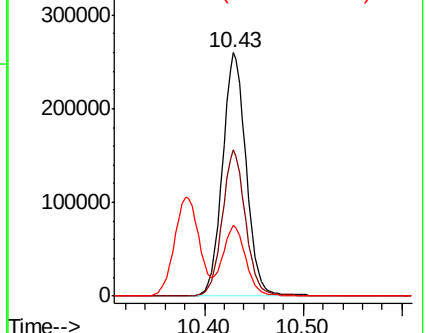
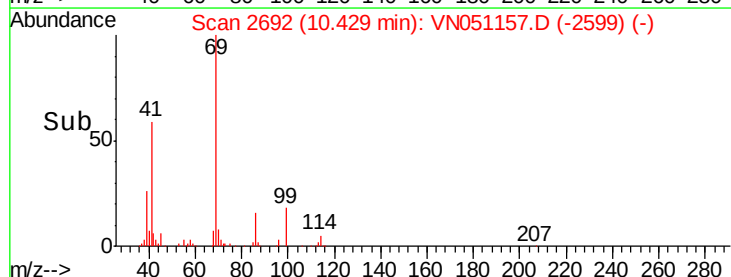
39 28.5 23.0 34.4

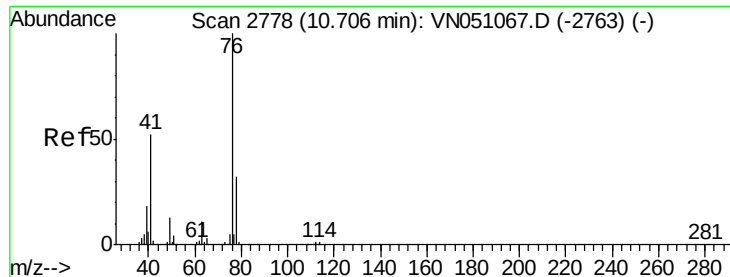


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.17 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

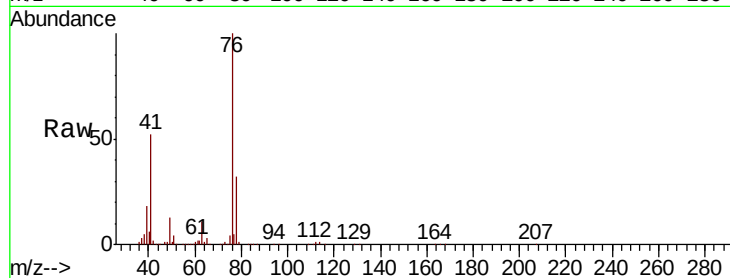
VSTDCCC050

Tot Ion: 76 Resp: 546105

Ion Ratio Lower Upper

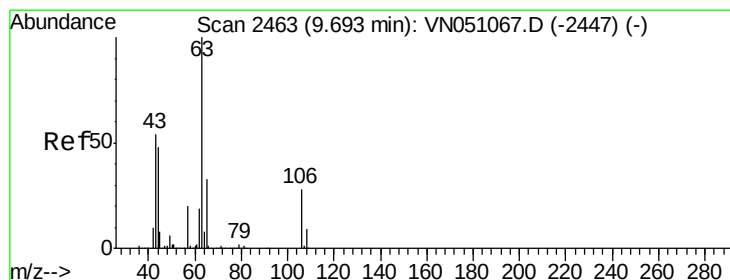
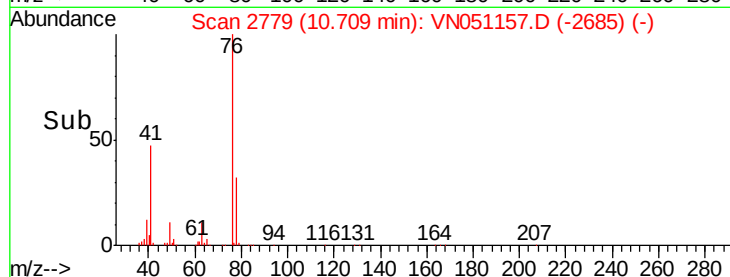
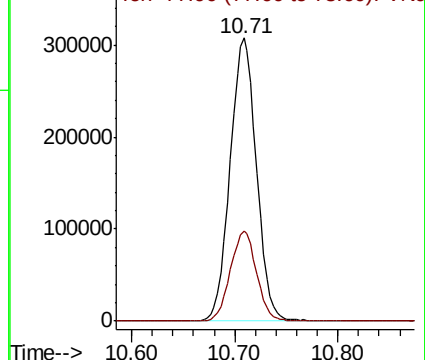
76 100

78 31.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 246.05 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051157.D

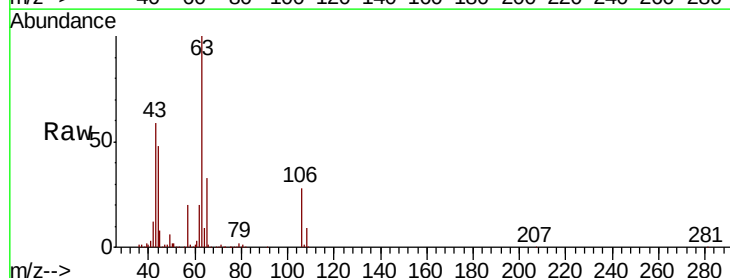
Acq: 13 Sep 2018 8:27

Tgt Ion: 63 Resp: 892612

Ion Ratio Lower Upper

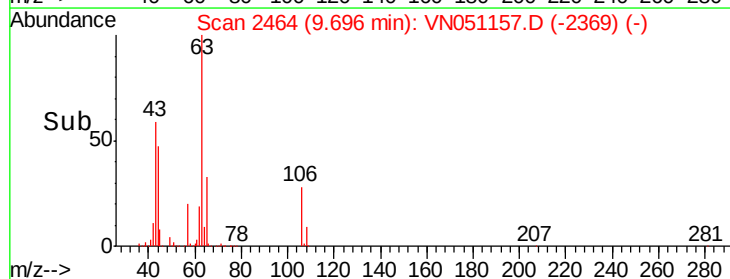
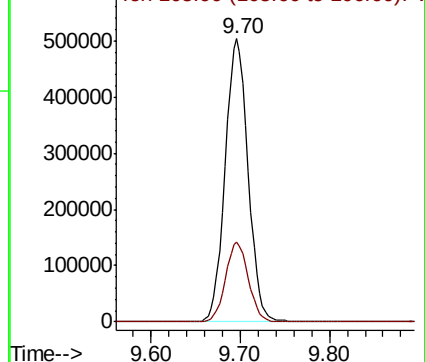
63 100

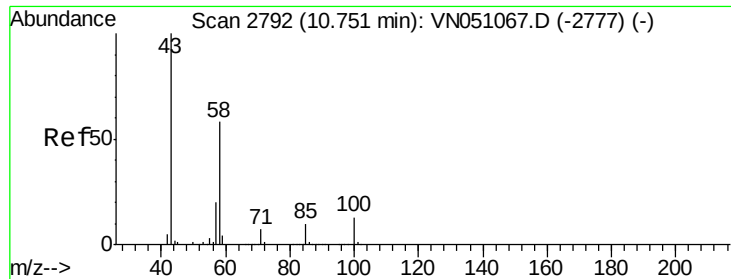
106 28.2 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

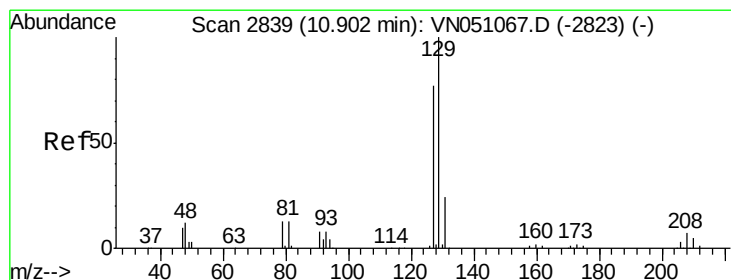
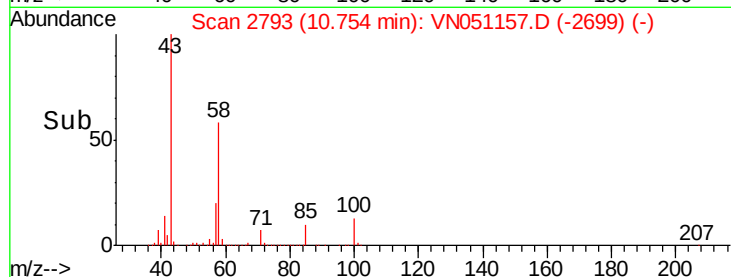
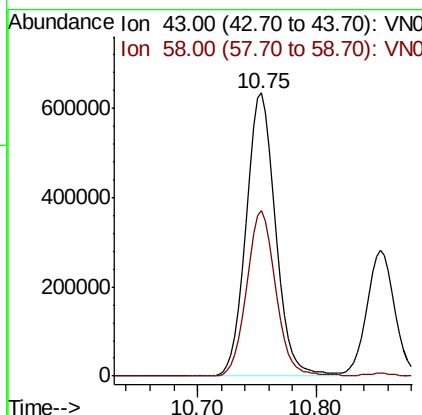
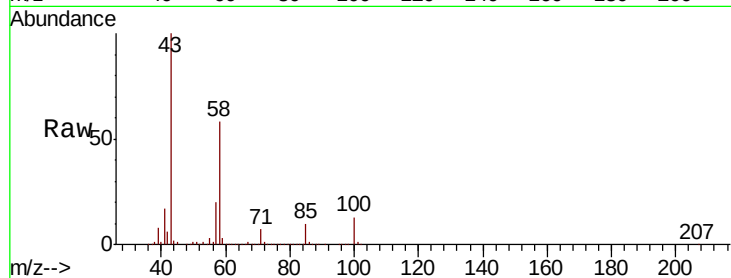




#59
2-Hexanone
Concen: 293.42 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

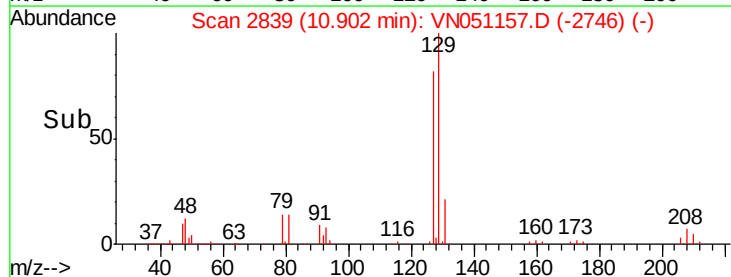
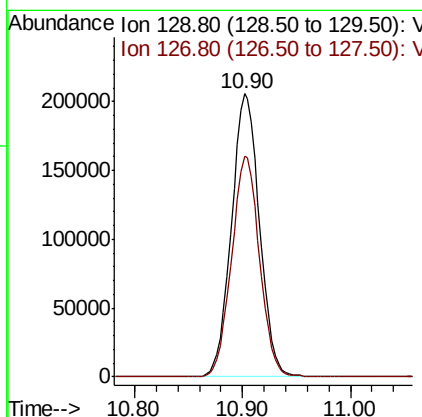
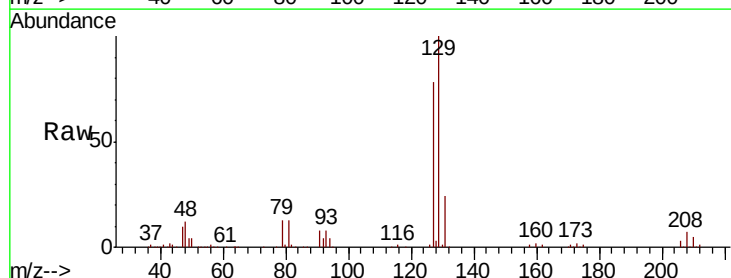
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

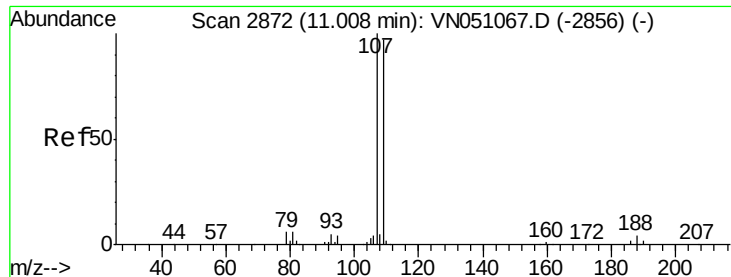
Tot Ion: 43 Resp: 1084587
Ion Ratio Lower Upper
43 100
58 58.1 29.3 88.0



#60
Dibromochloromethane
Concen: 51.37 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion: 129 Resp: 372733
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

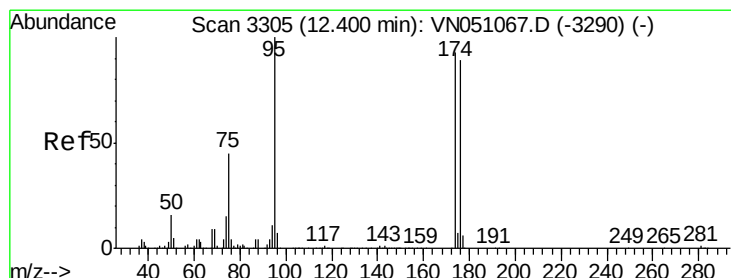
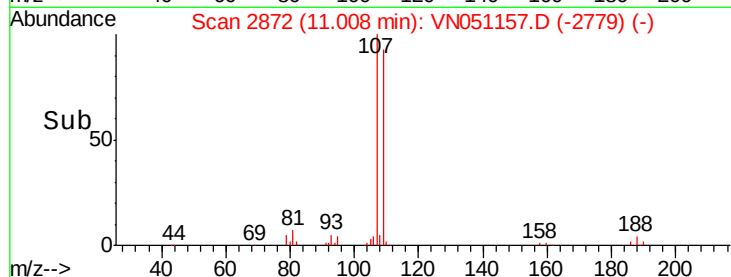
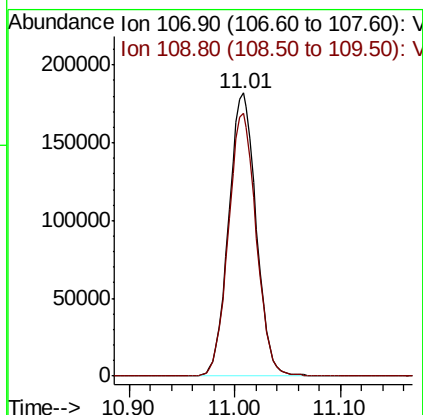
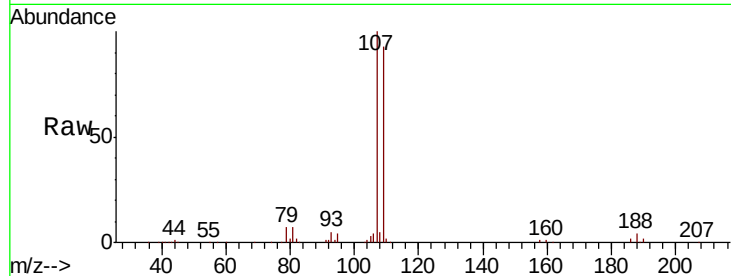




#61
 1,2-Dibromoethane
 Concen: 52.15 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

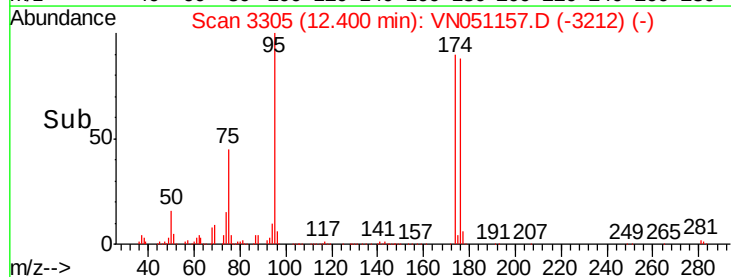
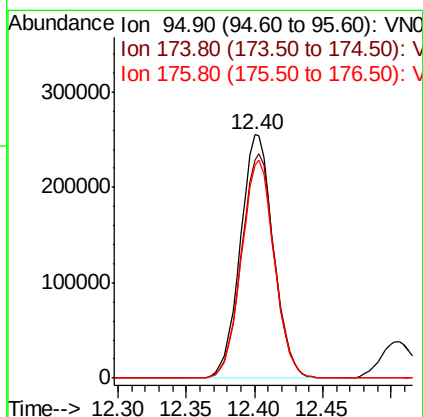
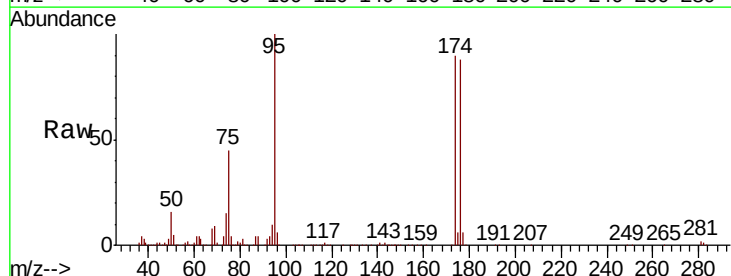
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

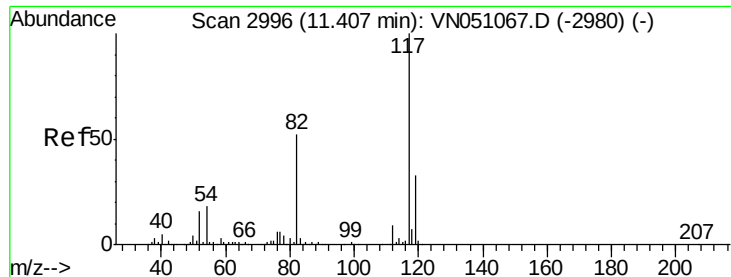
Tot Ion: 107 Resp: 328190
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 51.53 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

Tgt Ion: 95 Resp: 426994
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 184.8
 176 89.1 0.0 178.6

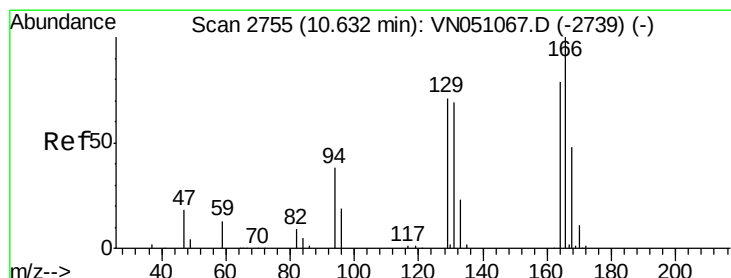
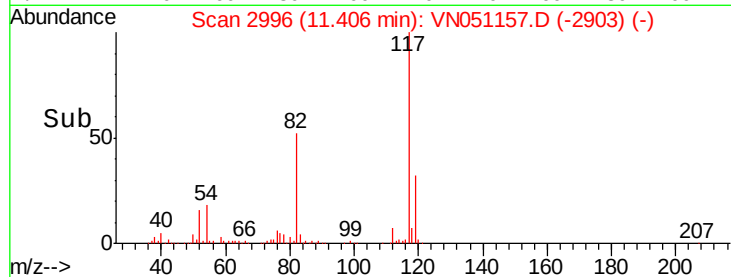
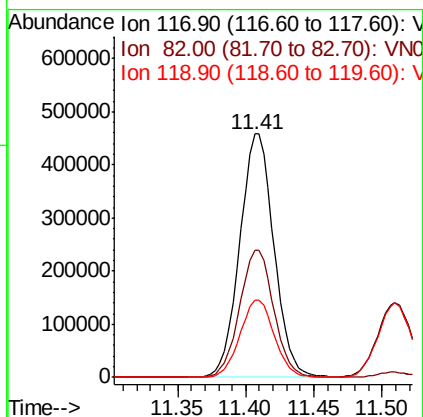
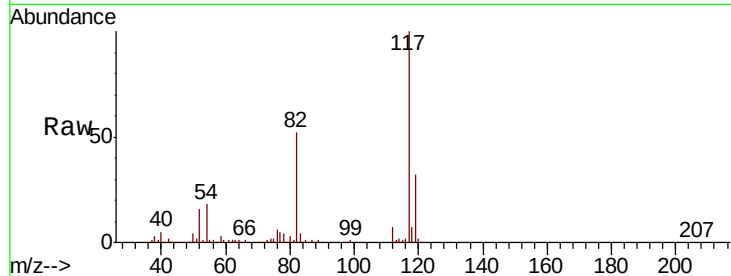




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

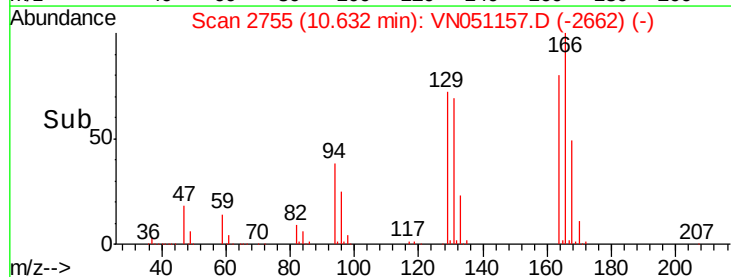
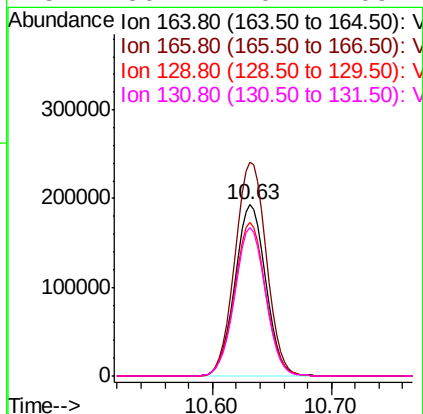
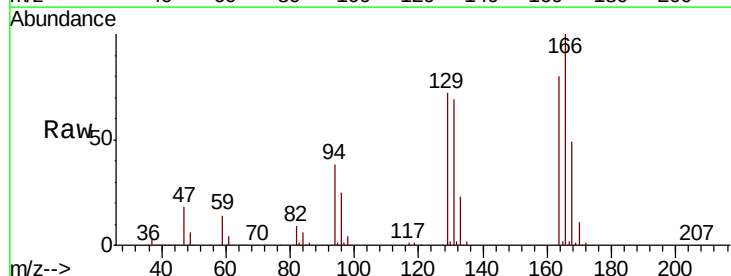
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

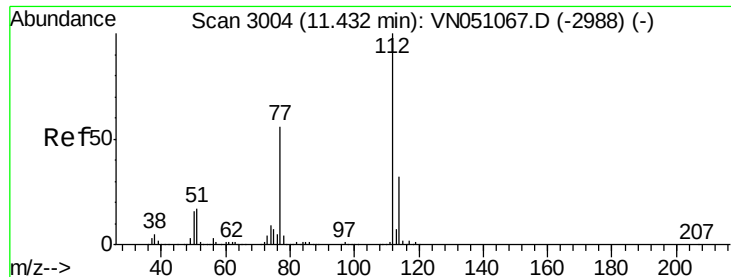
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.6
119	31.8	26.2	39.2



#64
Tetrachloroethene
Concen: 47.82 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	101.3	151.9
129	89.4	72.2	108.2
131	86.4	70.2	105.2

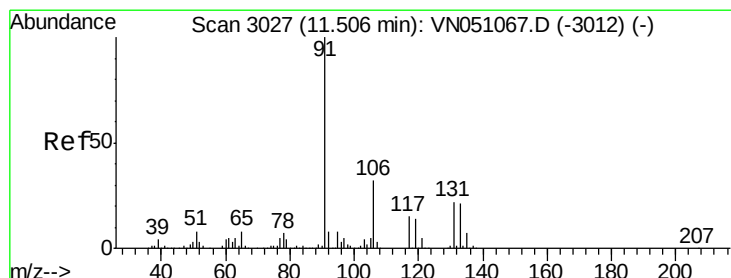
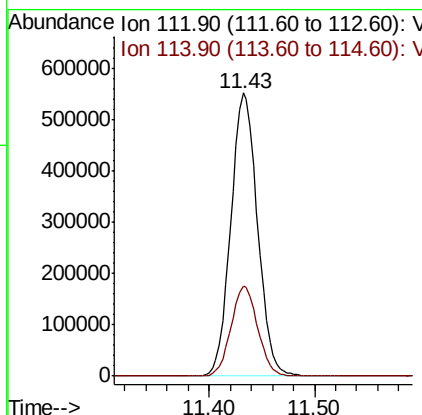
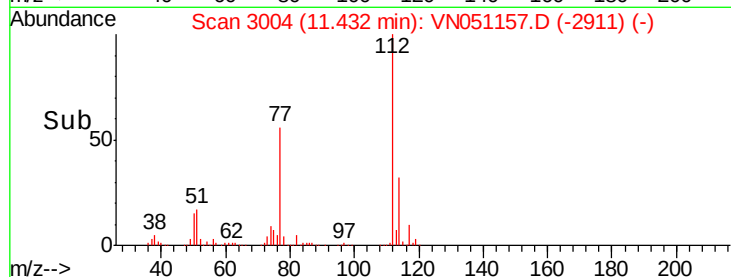
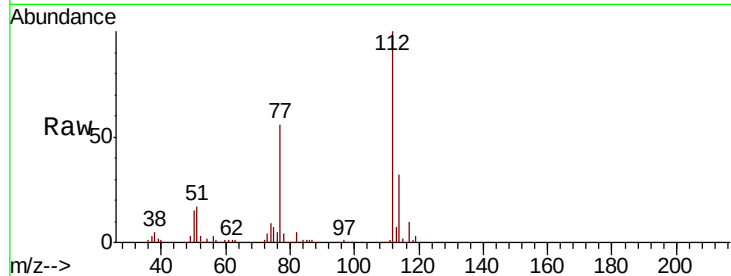




#65
Chlorobenzene
Concen: 48.01 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

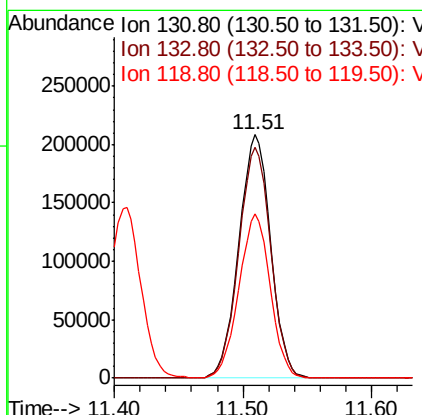
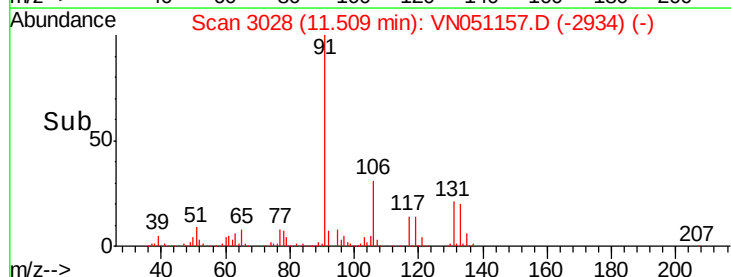
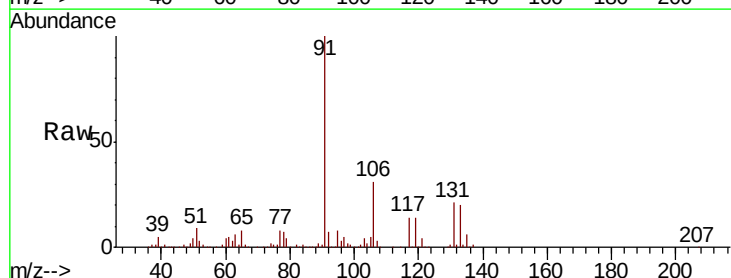
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

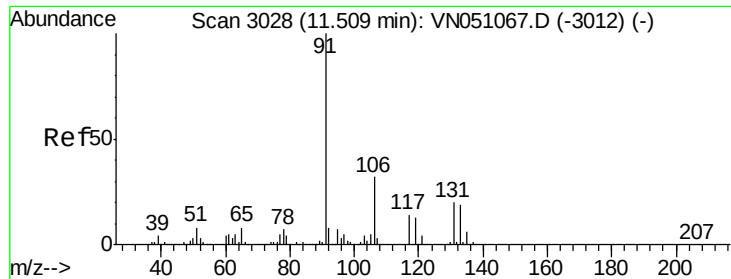
Tot Ion:112 Resp: 964833
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.34 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion:131 Resp: 356962
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 66.7 33.2 99.6

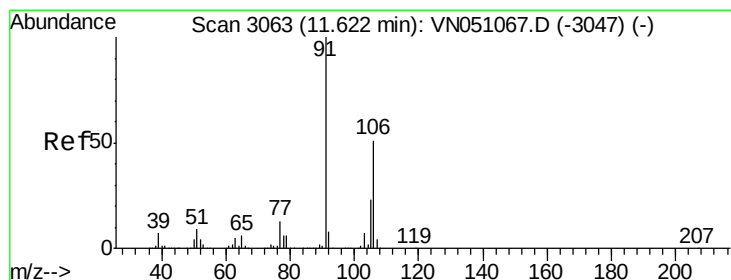
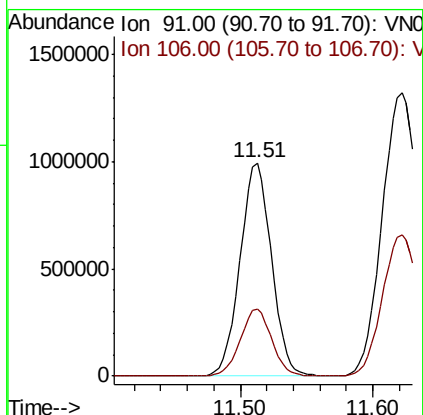
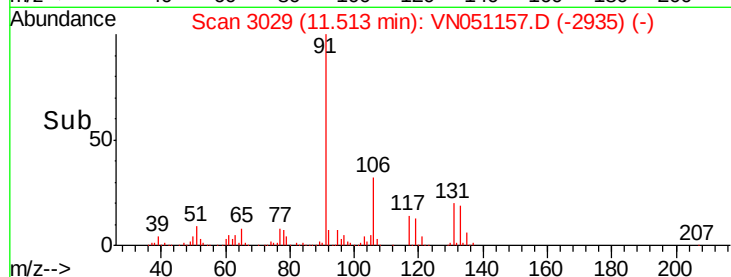
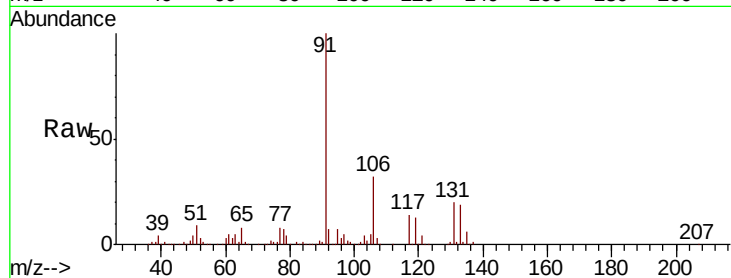




#67
Ethyl Benzene
Concen: 50.38 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

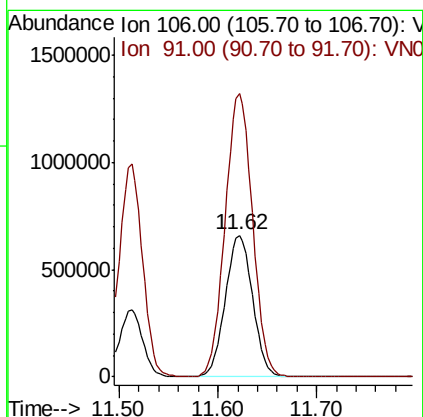
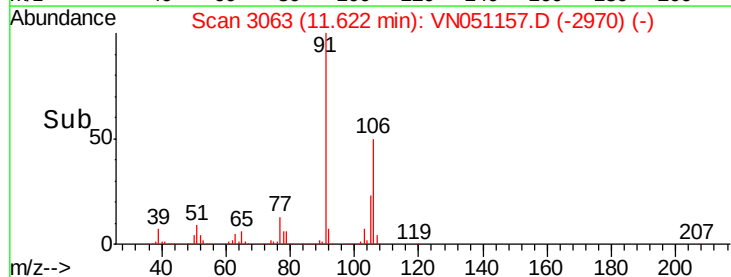
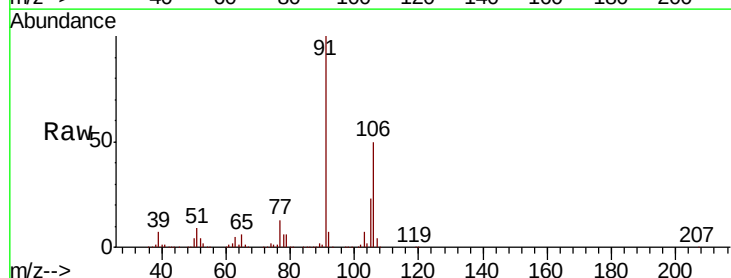
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

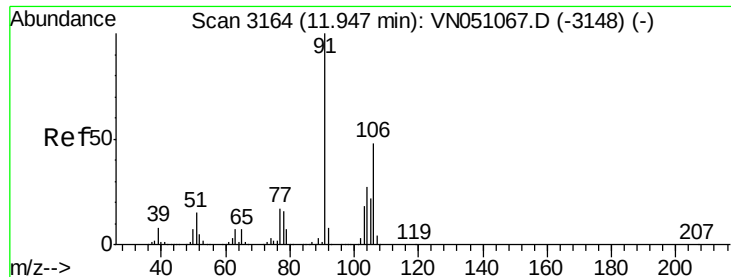
Tot Ion: 91 Resp: 1639600
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 102.29 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion: 106 Resp: 1279118
Ion Ratio Lower Upper
106 100
91 200.8 159.8 239.6

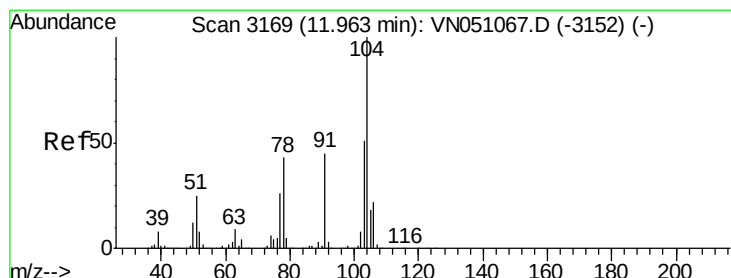
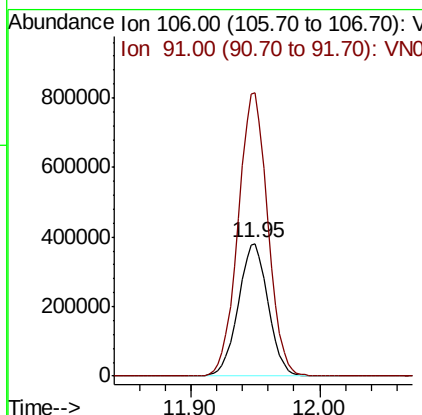
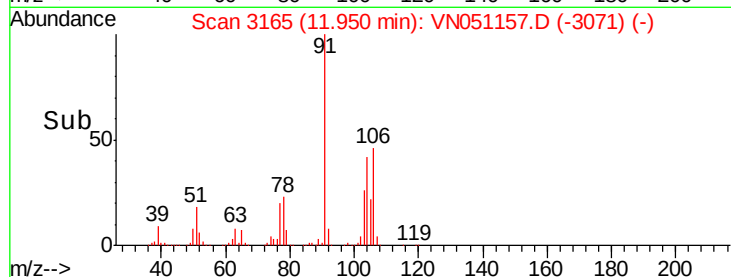
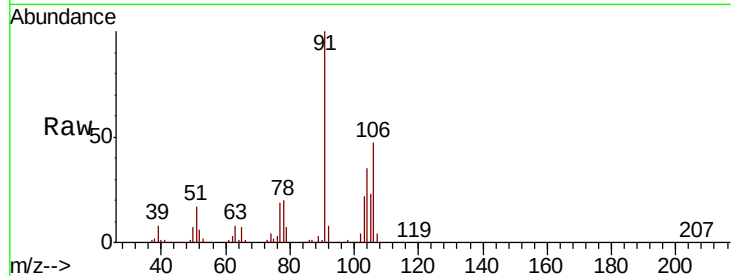




#69
o-Xylene
Concen: 50.50 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

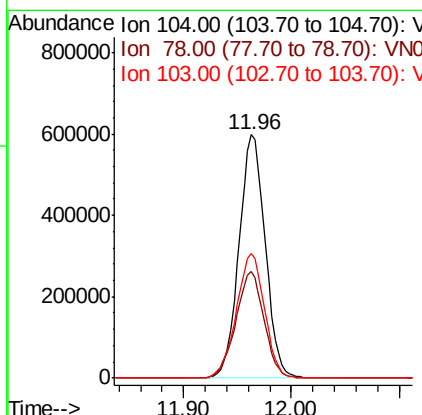
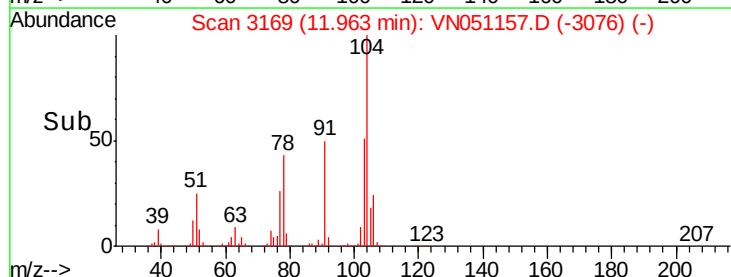
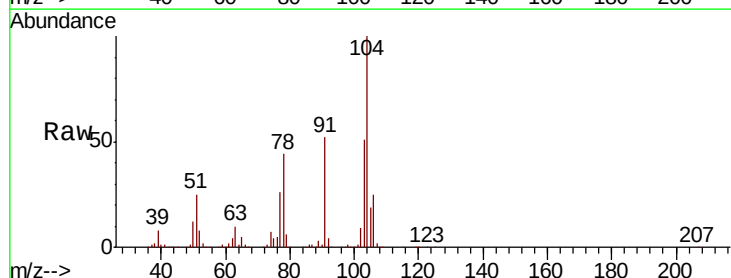
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

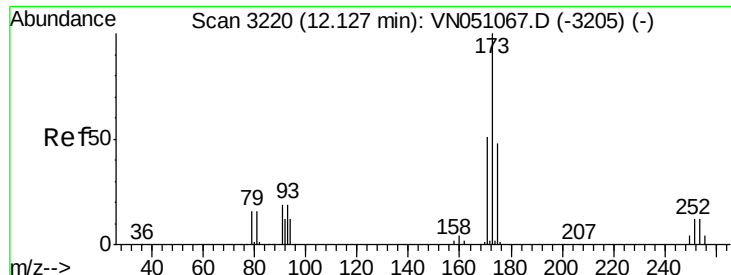
Tot Ion:106 Resp: 611459
Ion Ratio Lower Upper
106 100
91 212.8 105.1 315.1



#70
Styrene
Concen: 54.05 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion:104 Resp: 1015293
Ion Ratio Lower Upper
104 100
78 47.3 37.7 56.5
103 55.1 44.6 67.0

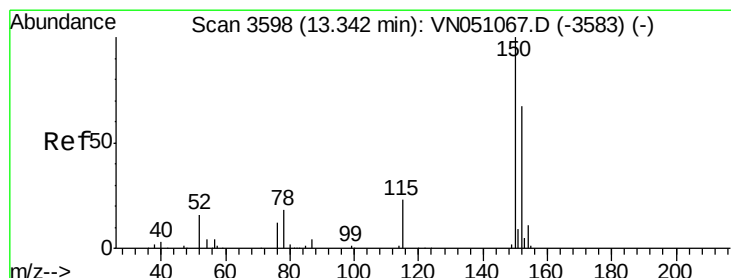
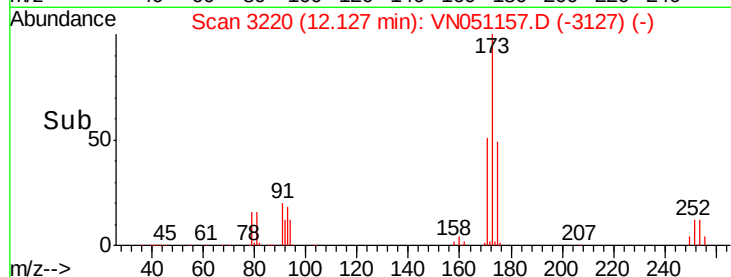
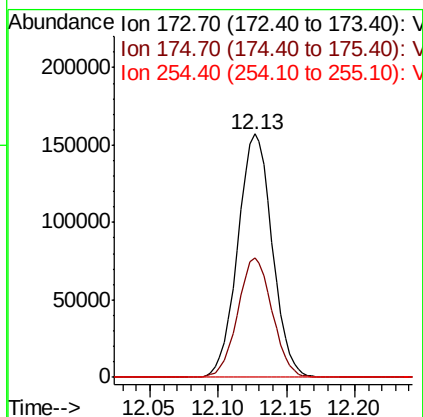
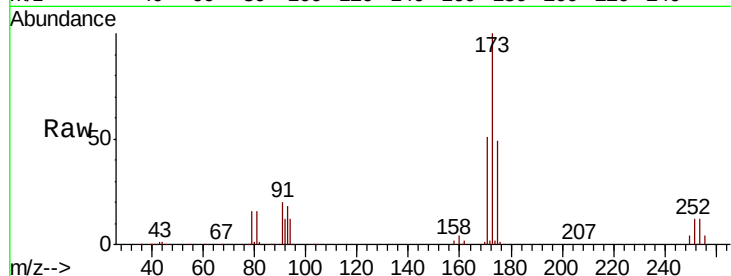




#71
 Bromoform
 Concen: 54.07 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

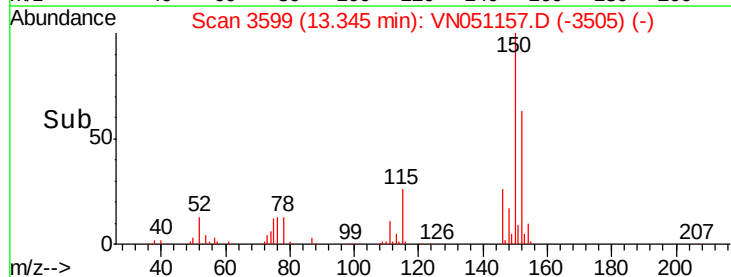
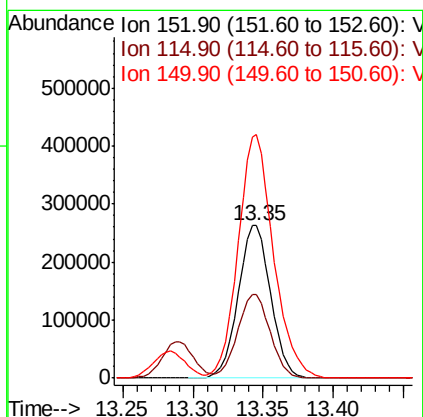
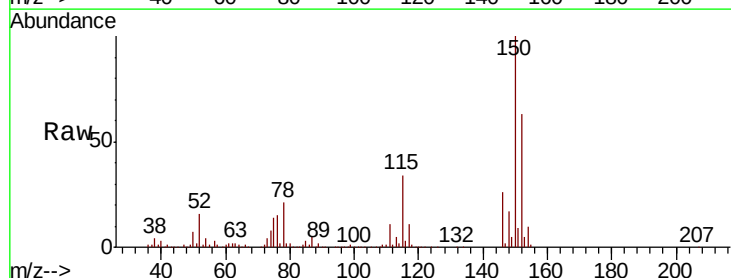
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

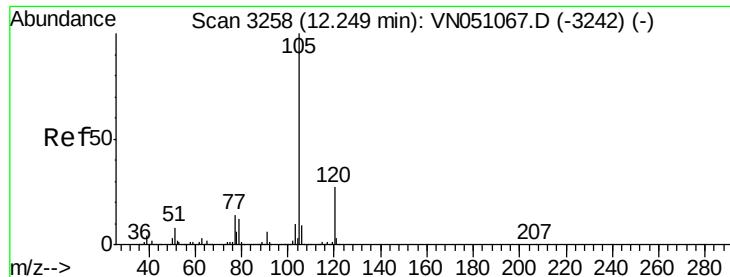
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.9
254	0.1	0.0	0.0#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.2	84.7
150	173.7	0.0	349.0





#73

Isopropylbenzene

Concen: 46.28 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

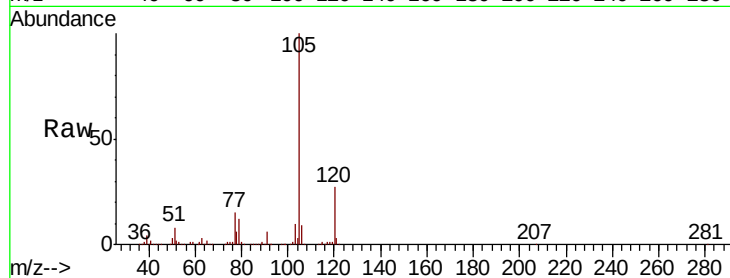
VSTDCCC050

Tot Ion:105 Resp: 1640372

Ion Ratio Lower Upper

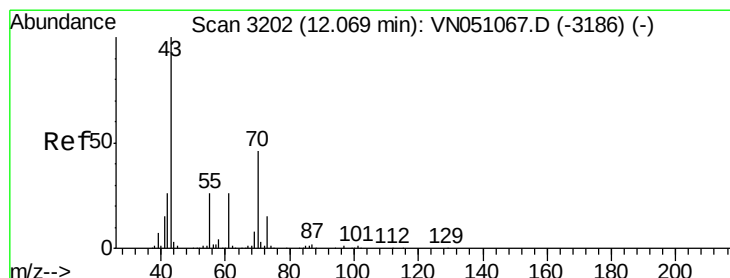
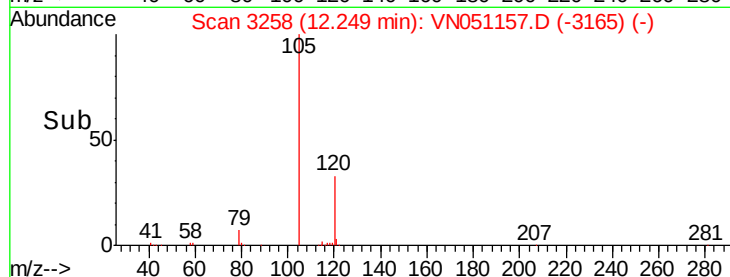
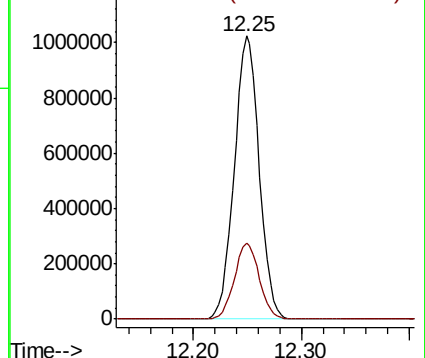
105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.15 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Tgt Ion: 43 Resp: 456331

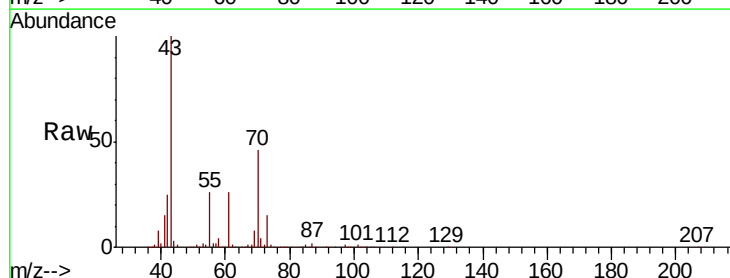
Ion Ratio Lower Upper

43 100

70 46.0 37.0 55.4

55 27.1 21.3 31.9

61 25.7 20.7 31.1

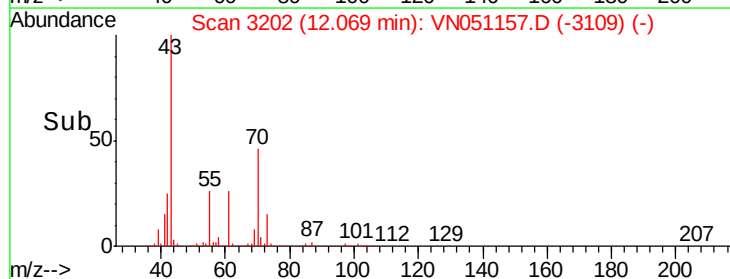
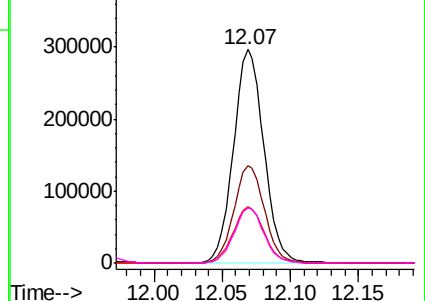


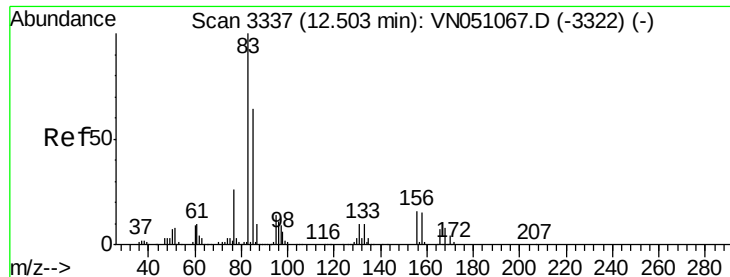
Abundance Ion 43.00 (42.70 to 43.70): V

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: 54.34 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

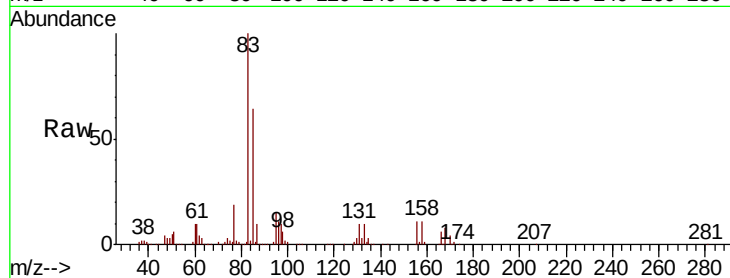
Tot Ion: 83 Resp: 440803

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

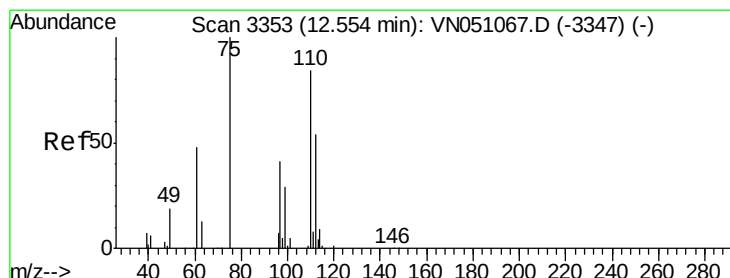
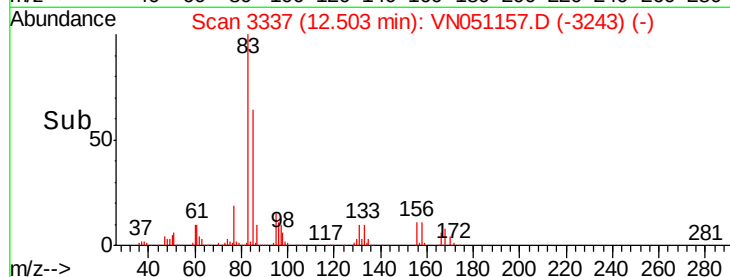
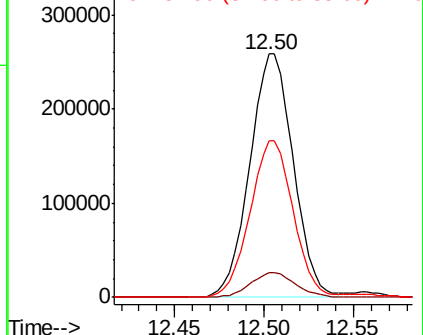
85 63.7 32.3 96.8



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: 79.01 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051157.D

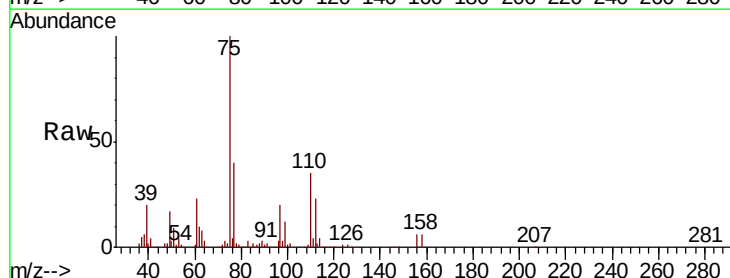
Acq: 13 Sep 2018 8:27

Tgt Ion: 75 Resp: 512137

Ion Ratio Lower Upper

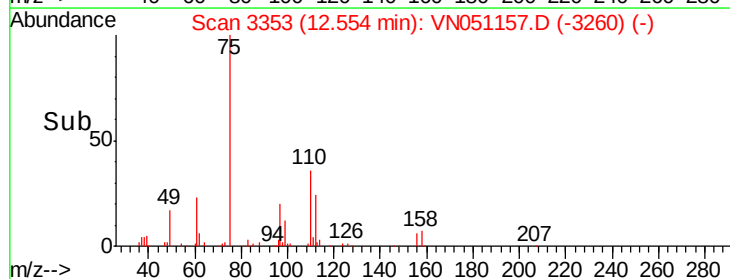
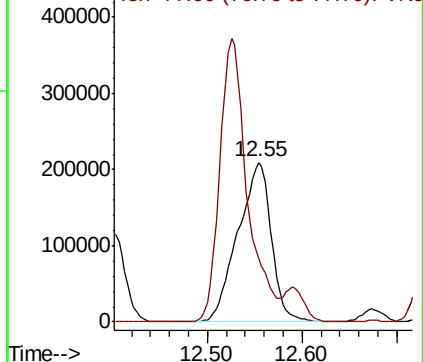
75 100

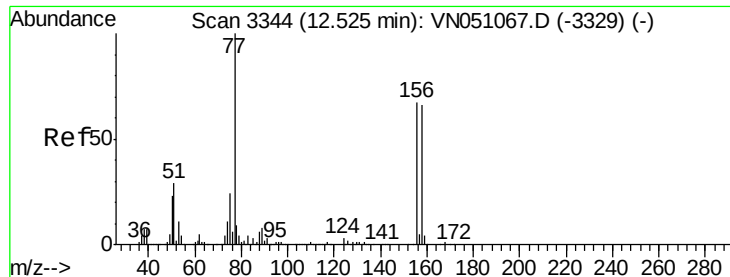
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 44.91 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

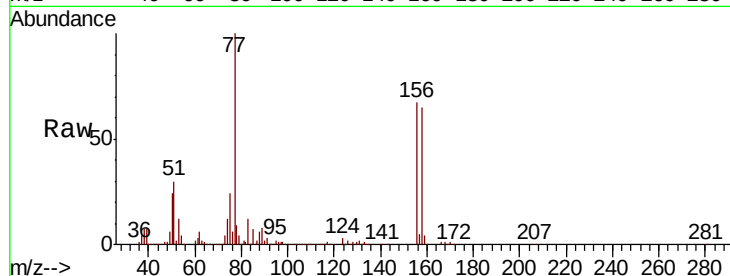
Tot Ion:156 Resp: 427577

Ion Ratio Lower Upper

156 100

77 176.8 87.5 262.6

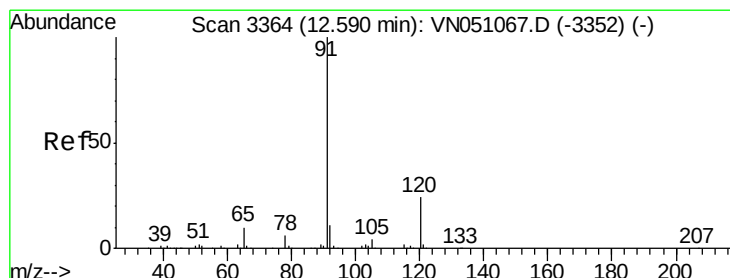
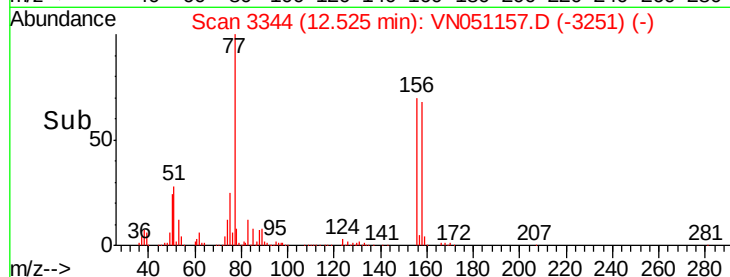
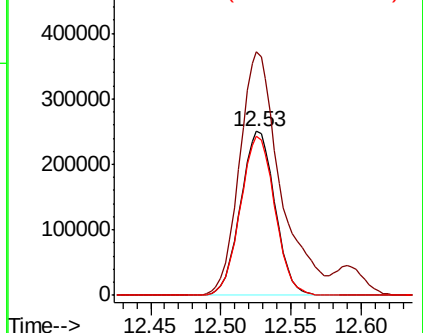
158 97.6 49.0 147.2



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: 47.55 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051157.D

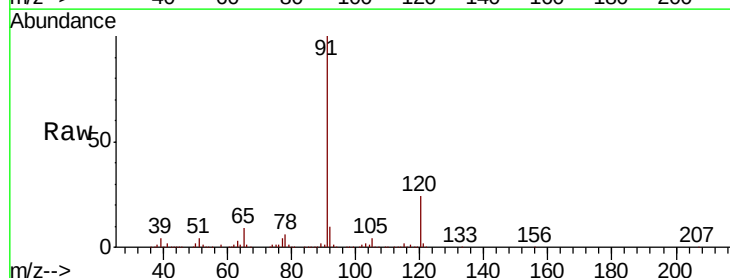
Acq: 13 Sep 2018 8:27

Tgt Ion: 91 Resp: 1852793

Ion Ratio Lower Upper

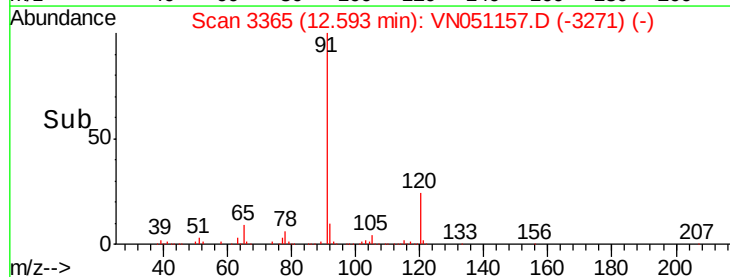
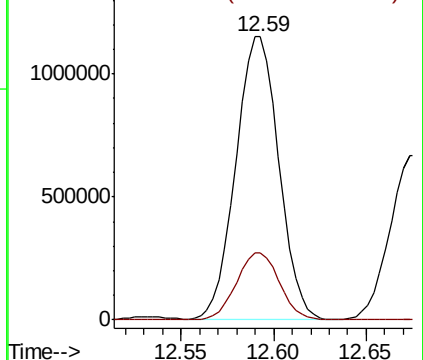
91 100

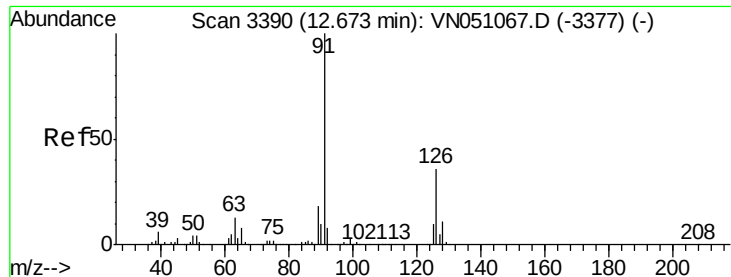
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.39 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

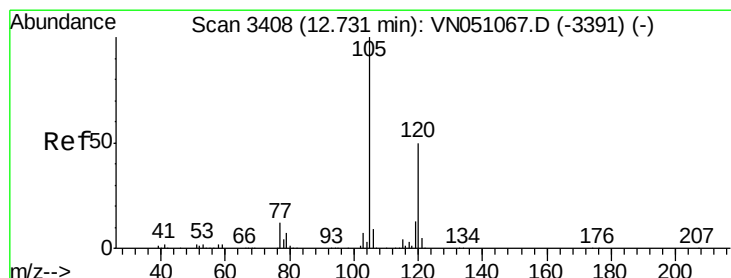
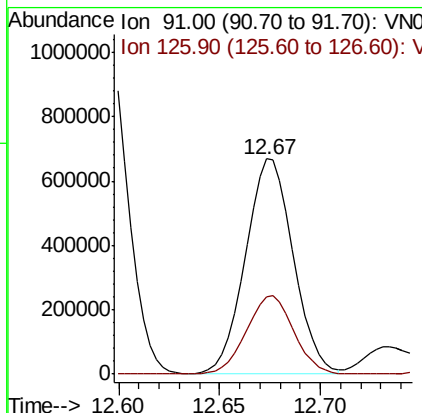
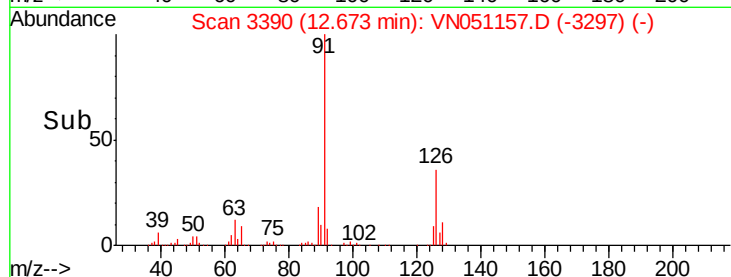
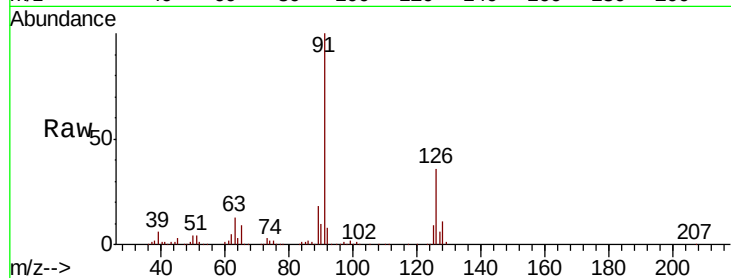
VSTDCCC050

Tot Ion: 91 Resp: 1105444

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 47.57 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051157.D

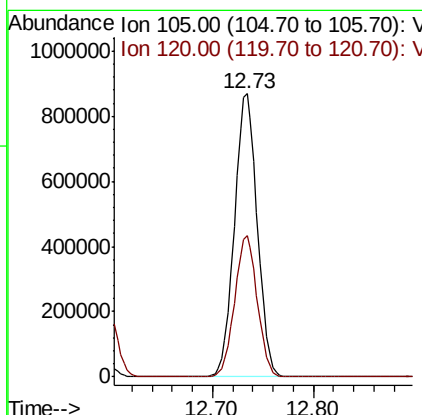
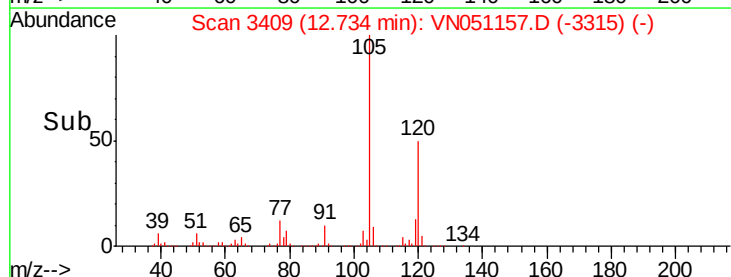
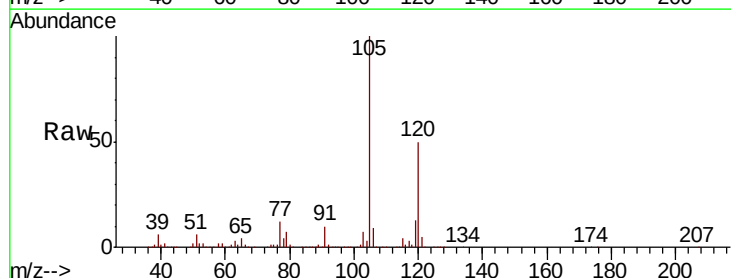
Acq: 13 Sep 2018 8:27

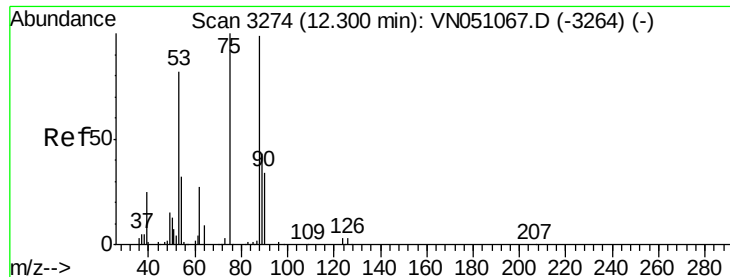
Tgt Ion: 105 Resp: 1363386

Ion Ratio Lower Upper

105 100

120 49.4 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.66 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

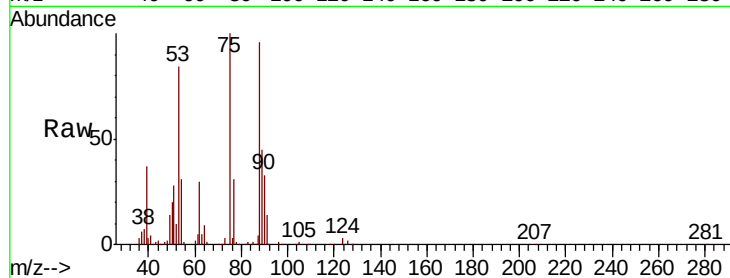
Tot Ion: 75 Resp: 112741

Ion Ratio Lower Upper

75 100

53 84.9 67.8 101.8

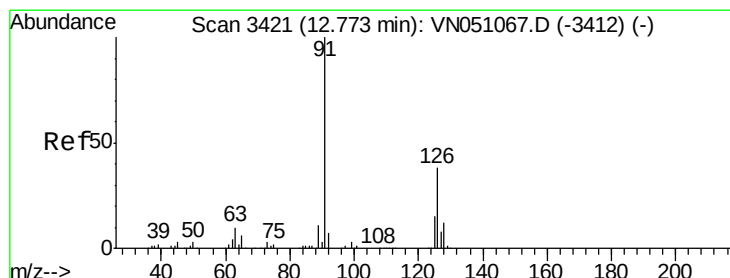
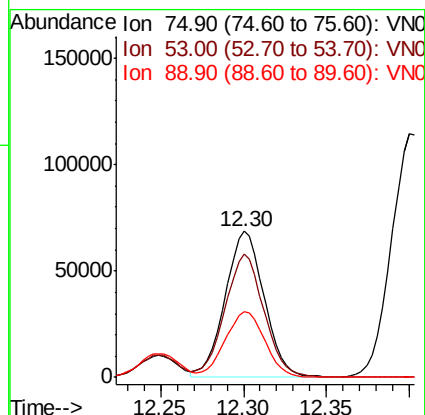
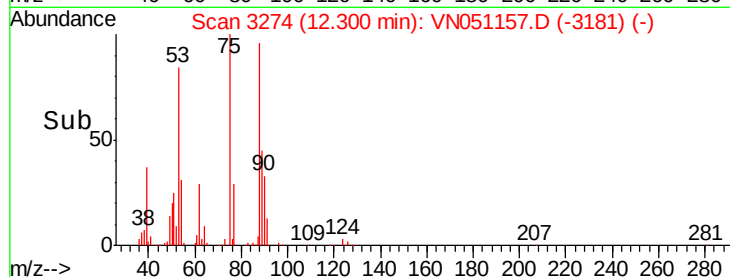
89 46.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 46.37 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051157.D

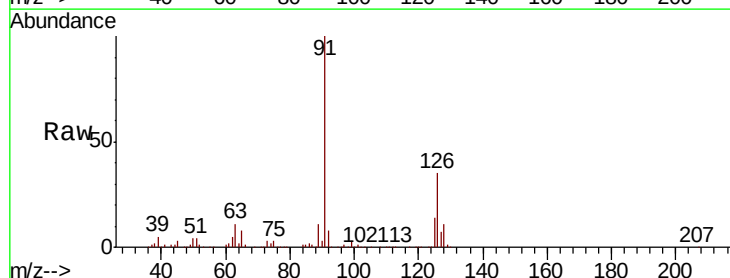
Acq: 13 Sep 2018 8:27

Tgt Ion: 91 Resp: 1120857

Ion Ratio Lower Upper

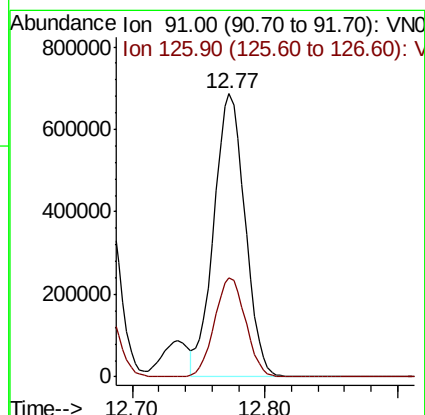
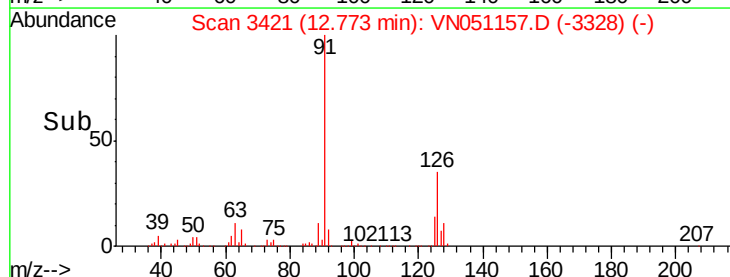
91 100

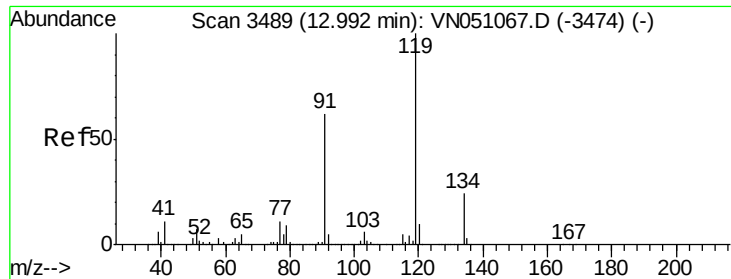
126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

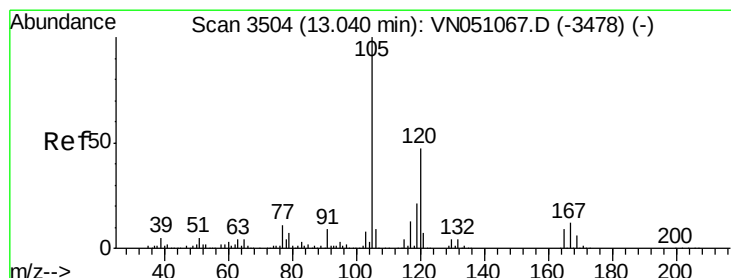
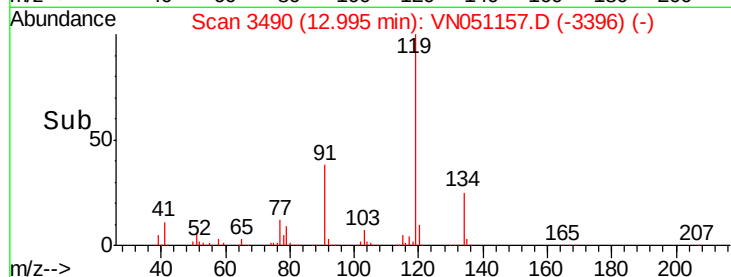
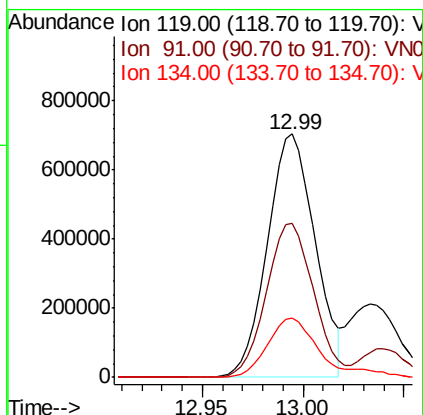
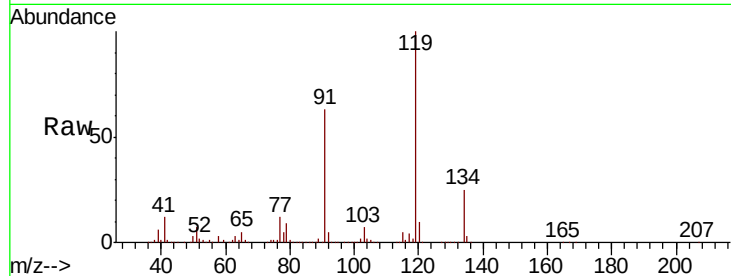




#83
 tert-Butylbenzene
 Concen: 45.65 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

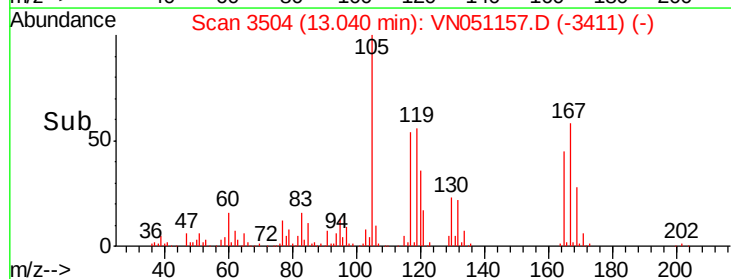
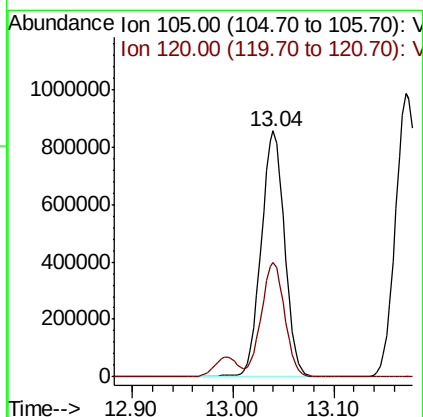
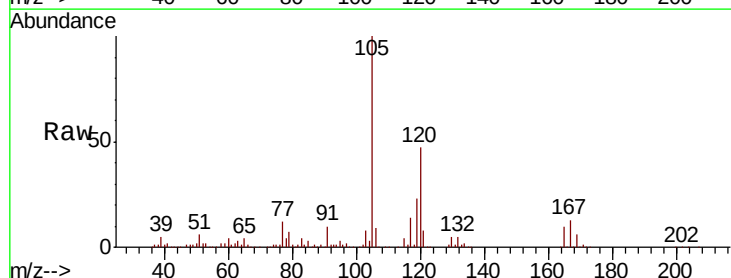
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

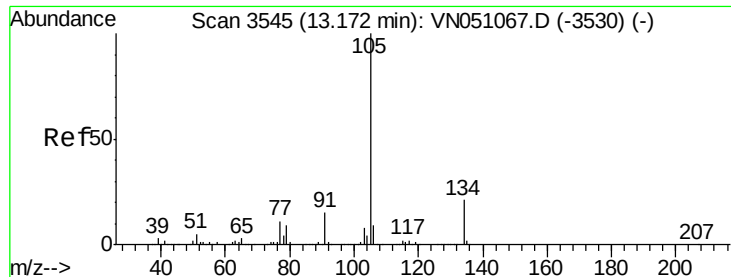
Tot Ion:119 Resp: 1154964
 Ion Ratio Lower Upper
 119 100
 91 62.5 30.8 92.3
 134 26.9 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 48.87 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

Tgt Ion:105 Resp: 1377202
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8





#85

sec-Butylbenzene

Concen: 47.71 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampled :

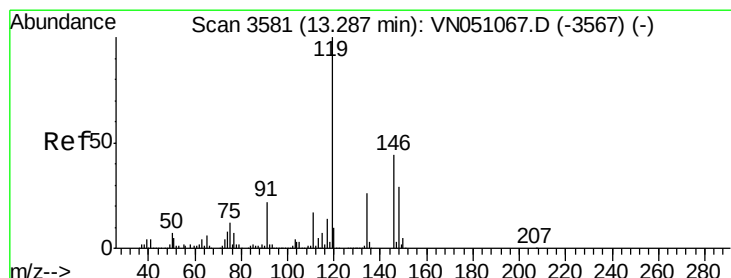
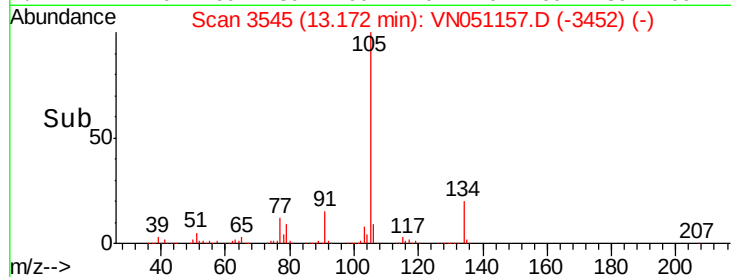
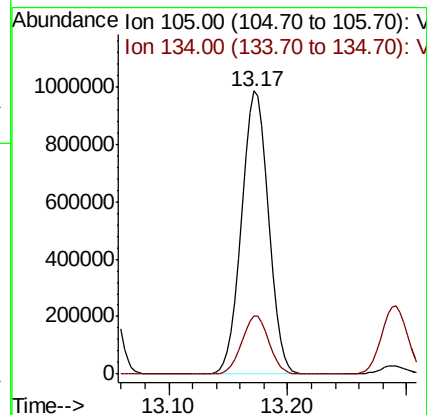
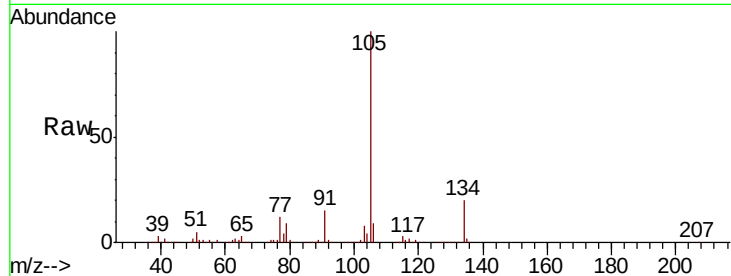
VSTDCCC050

Tot Ion:105 Resp: 1548038

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.4



#86

p-Isopropyltoluene

Concen: 49.58 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

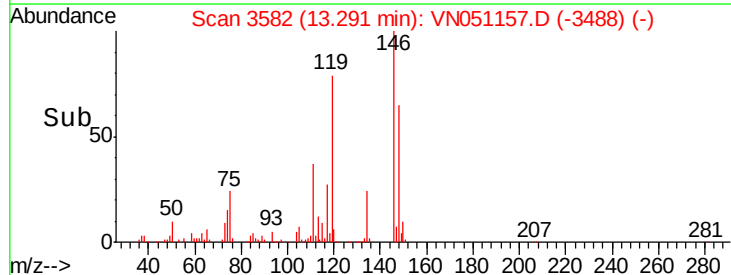
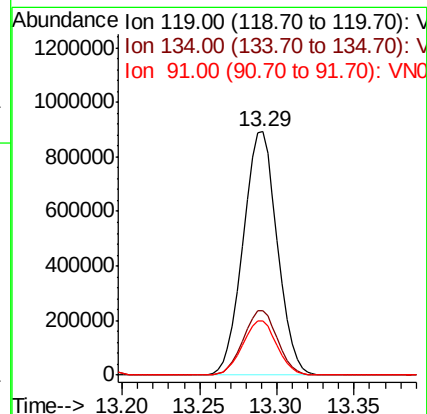
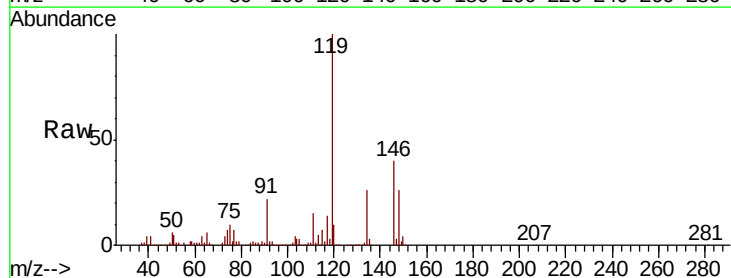
Tgt Ion:119 Resp: 1364112

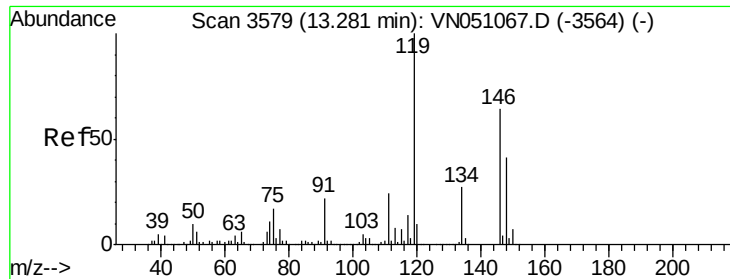
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 22.2 10.9 32.9

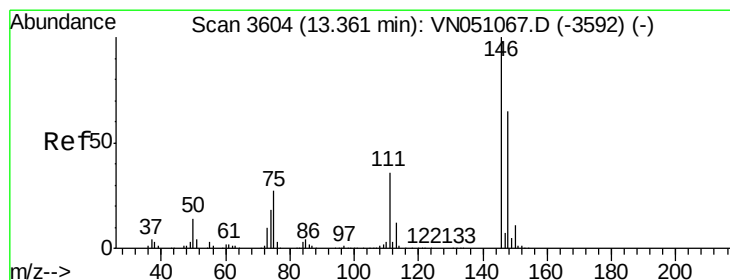
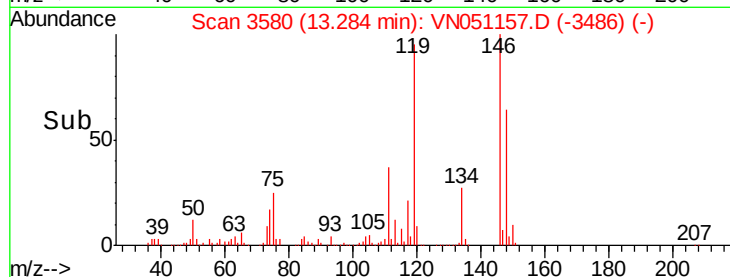
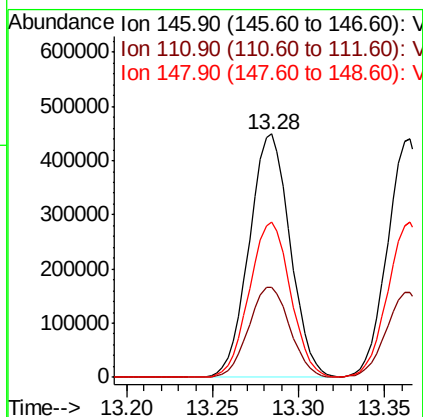
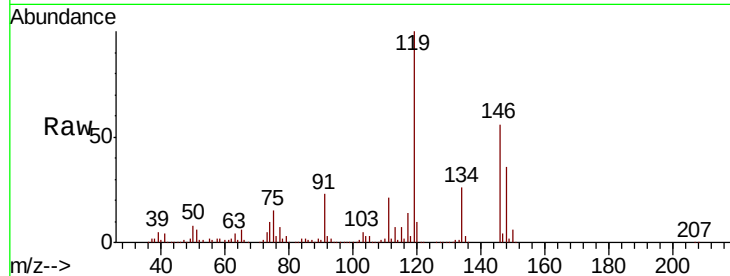




#87
 1,3-Dichlorobenzene
 Concen: 46.03 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

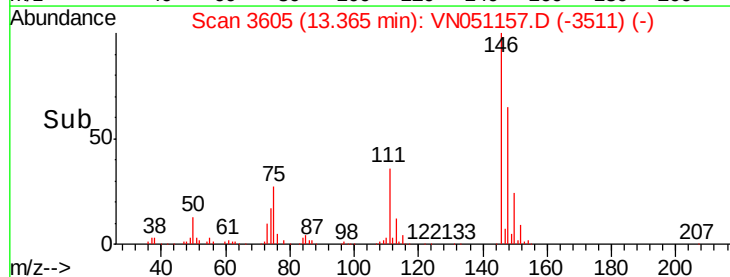
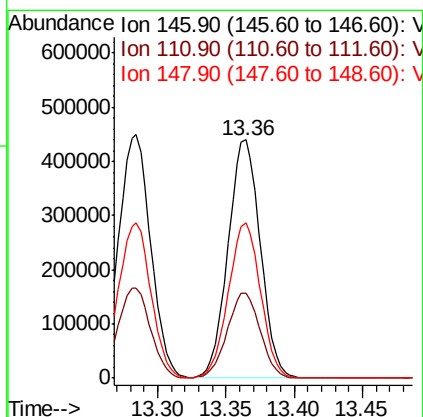
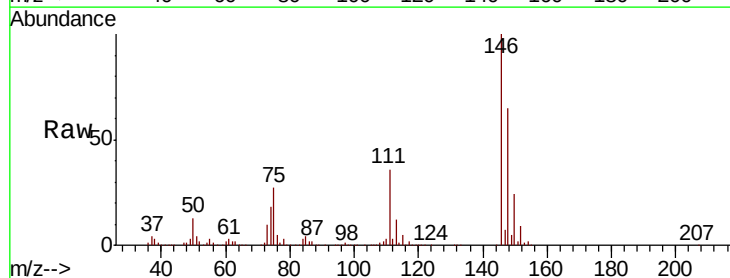
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

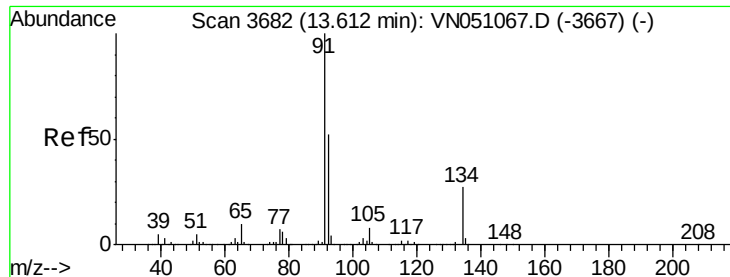
Tot Ion:146 Resp: 743537
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.1 57.1
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.76 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

Tgt Ion:146 Resp: 723177
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.4 55.0
 148 64.9 32.2 96.6

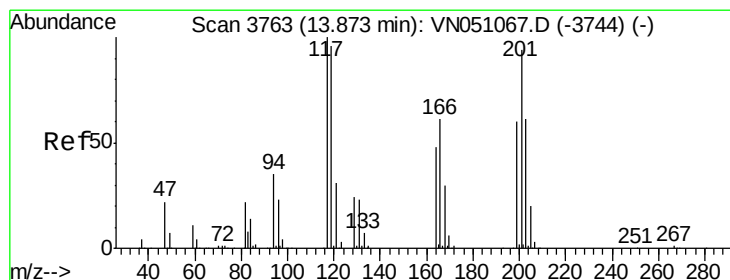
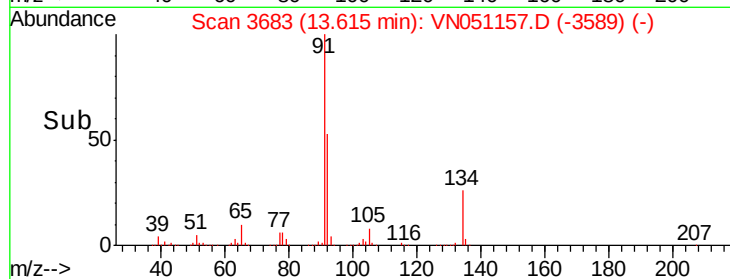
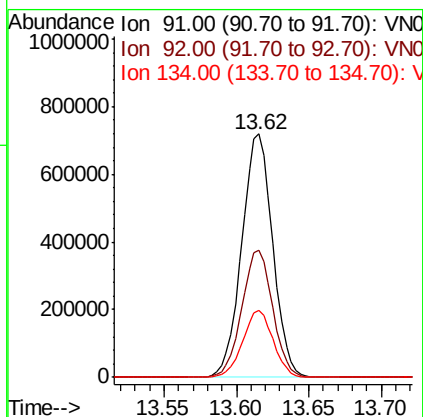
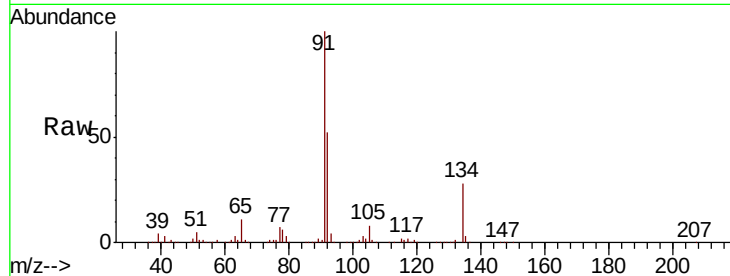




#89
n-Butylbenzene
Concen: 49.88 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

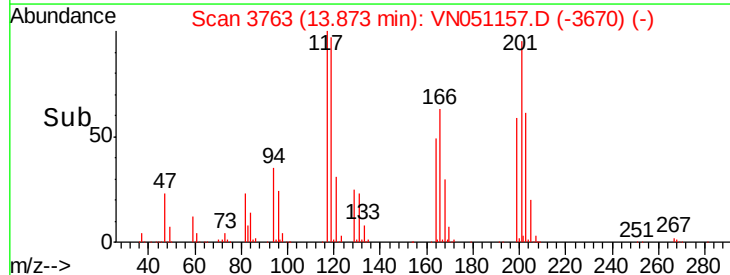
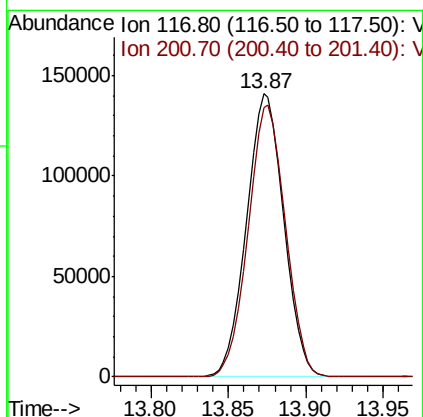
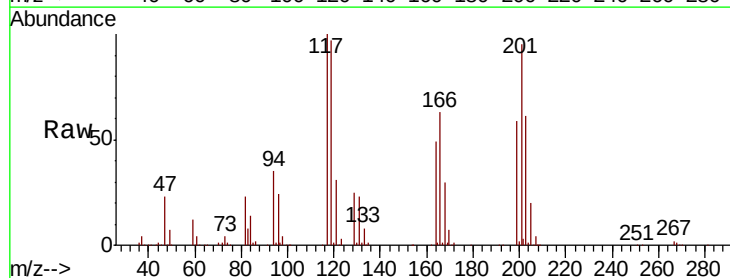
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

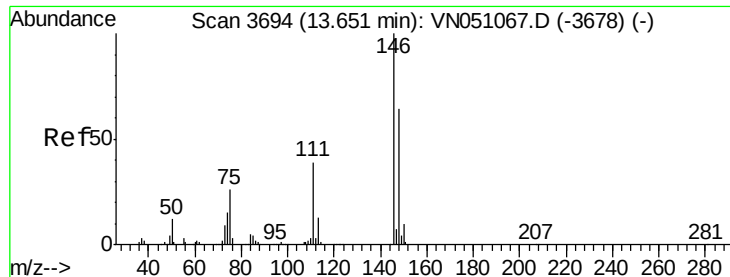
Tot Ion: 91 Resp: 1068071
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.6
134 27.2 13.7 41.1



#90
Hexachloroethane
Concen: 47.27 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051157.D
Acq: 13 Sep 2018 8:27

Tgt Ion: 117 Resp: 236935
Ion Ratio Lower Upper
117 100
201 95.9 47.3 142.0





#91

1,2-Dichlorobenzene

Concen: 46.13 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

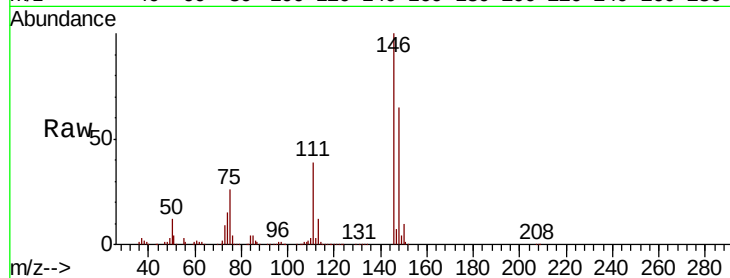
Tot Ion:146 Resp: 726026

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 64.7 32.1 96.3

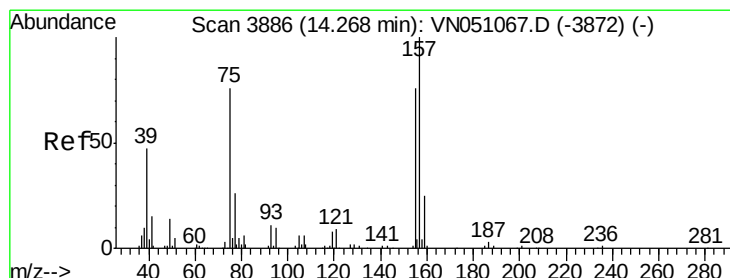
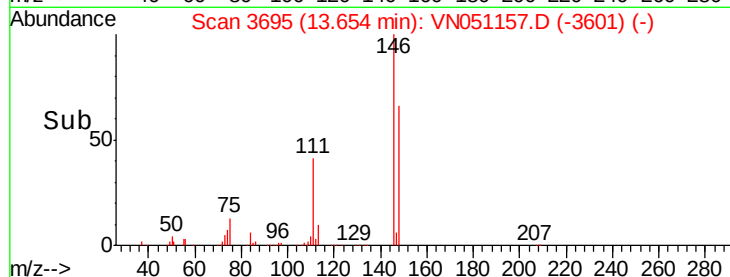
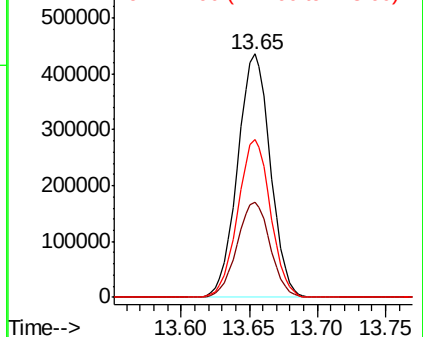


Abundance

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: 53.31 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

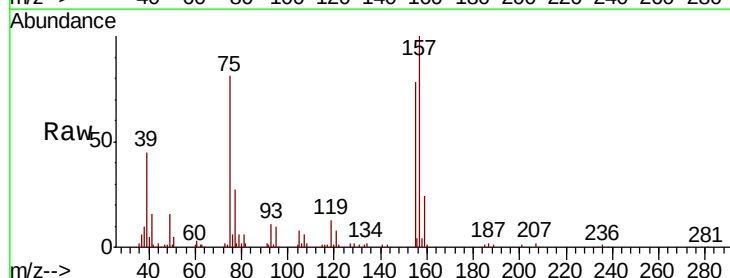
Tgt Ion: 75 Resp: 64593

Ion Ratio Lower Upper

75 100

155 97.4 48.7 146.1

157 127.4 63.6 190.9

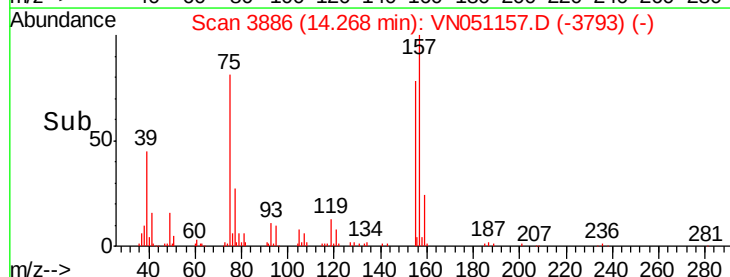
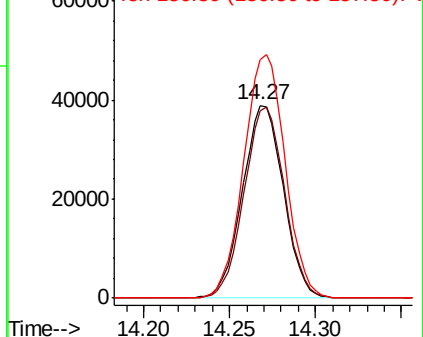


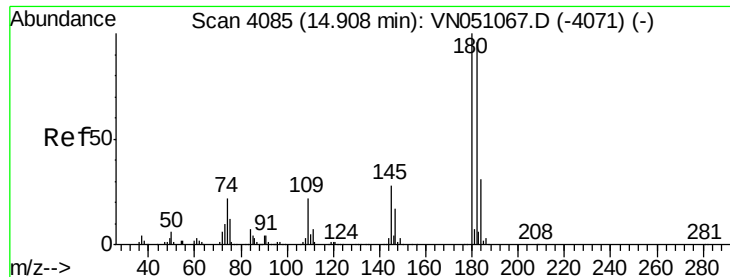
Abundance

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

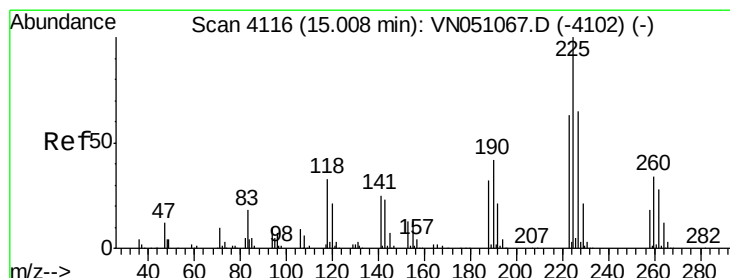
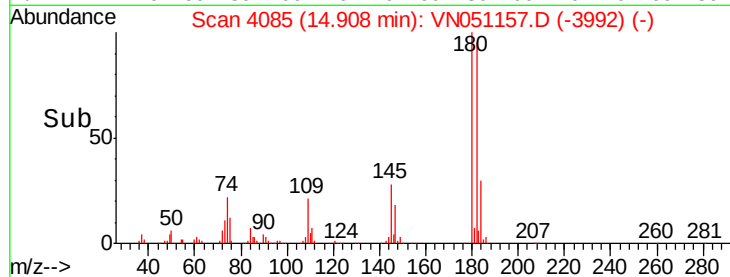
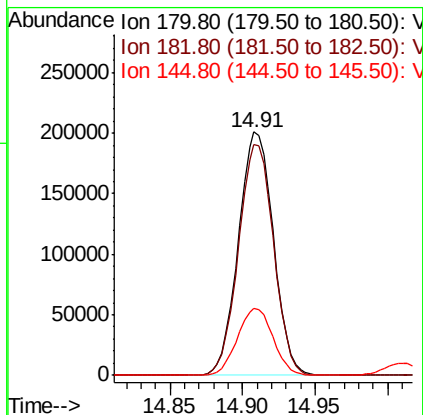
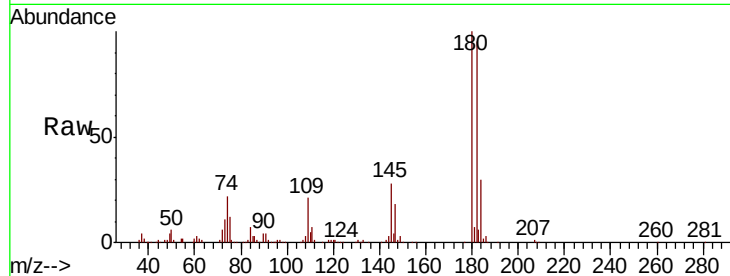




#93
 1,2,4-Trichlorobenzene
 Concen: 44.80 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

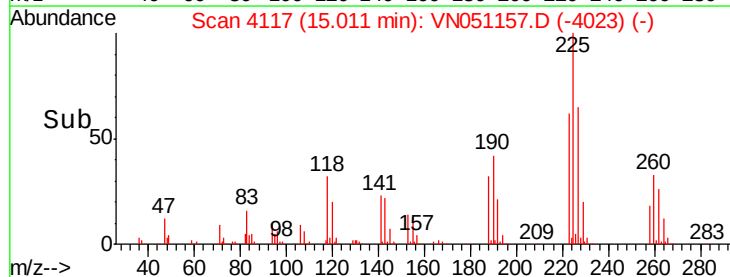
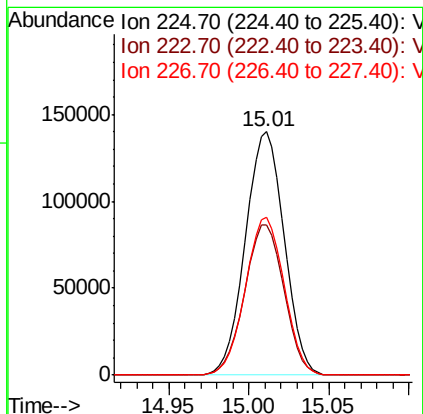
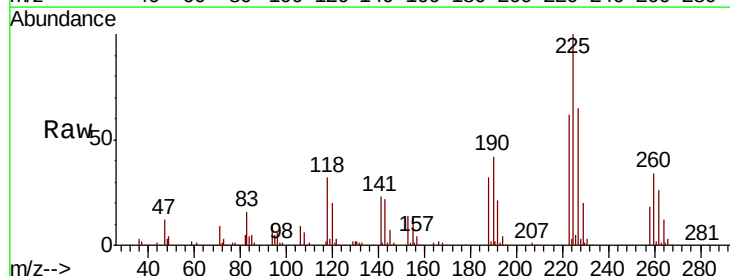
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

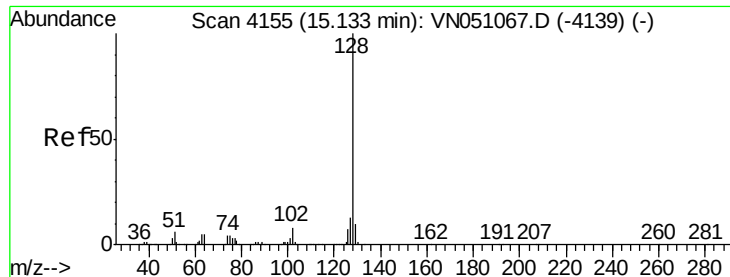
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.3	141.8
145	28.0	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 50.66 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051157.D
 Acq: 13 Sep 2018 8:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.0
227	64.7	32.1	96.3





#95

Naphthalene

Concen: 45.20 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

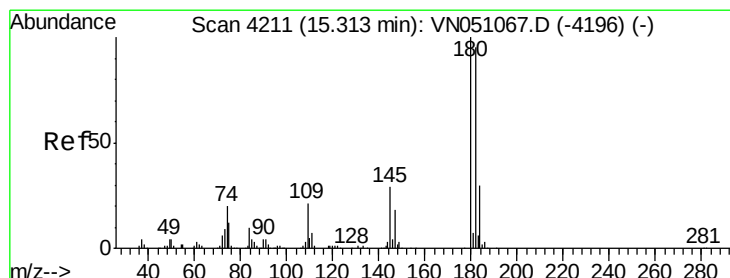
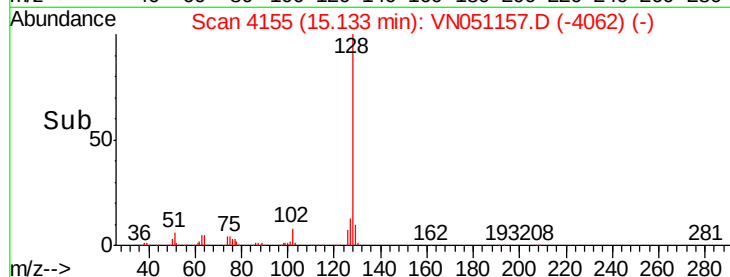
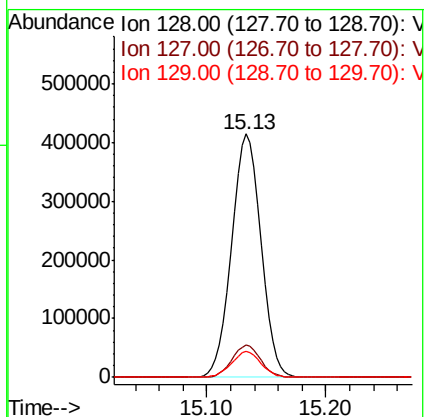
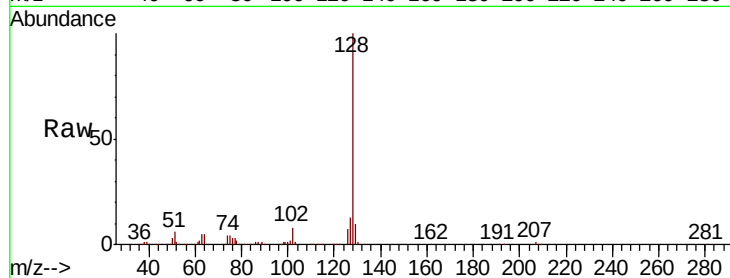
Tot Ion:128 Resp: 709300

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 46.62 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051157.D

Acq: 13 Sep 2018 8:27

Tgt Ion:180 Resp: 337208

Ion Ratio Lower Upper

180 100

182 94.6 47.8 143.3

145 29.9 14.6 43.8

