

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051241.D
 Acq On : 15 Sep 2018 23:41
 Operator : MD\SY
 Sample : VN0915WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 04:22:59 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	581879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	840021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	740133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	339352	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	292544	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	
35) Dibromofluoromethane	7.59	113	291230	46.14	ug/l	0.00
Spiked Amount			Recovery	=	92.28%	
50) Toluene-d8	10.09	98	1048383	43.77	ug/l	0.00
Spiked Amount			Recovery	=	87.54%	
62) 4-Bromofluorobenzene	12.40	95	320284	40.42	ug/l	0.00
Spiked Amount			Recovery	=	80.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	107981	19.24	ug/l	98
3) Chloromethane	2.06	50	142828	19.38	ug/l	98
4) Vinyl Chloride	2.18	62	142309	18.48	ug/l	100
5) Bromomethane	2.57	94	83070	18.49	ug/l	97
6) Chloroethane	2.70	64	84989	17.88	ug/l	99
7) Trichlorofluoromethane	3.02	101	194566	19.06	ug/l	100
8) Diethyl Ether	3.41	74	61160	16.29	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	121295	18.44	ug/l	99
10) Methyl Iodide	3.95	142	94696	19.29	ug/l	97
11) Tert butyl alcohol	4.79	59	30656	61.98	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	108339	17.45	ug/l	98
13) Acrolein	3.61	56	21826	56.92	ug/l	100
14) Allyl chloride	4.33	41	151600	16.03	ug/l	98
15) Acrylonitrile	4.99	53	170734	77.90	ug/l	99
16) Acetone	3.82	43	110986	65.00	ug/l	99
17) Carbon Disulfide	4.05	76	334413	18.35	ug/l	99
18) Methyl Acetate	4.33	43	80849	15.59	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	264999	16.15	ug/l	100
20) Methylene Chloride	4.55	84	128236	17.93	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	117553	17.46	ug/l	99
22) Diisopropyl ether	5.96	45	345294	18.39	ug/l	99
23) Vinyl Acetate	5.90	43	1046030	82.34	ug/l	99
24) 1,1-Dichloroethane	5.85	63	219068	18.39	ug/l	98
25) 2-Butanone	6.84	43	169825	66.70	ug/l	100
26) 2,2-Dichloropropane	6.83	77	124751	12.80	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	131259	17.77	ug/l	96
28) Bromochloromethane	7.20	49	86996	16.41	ug/l	100
29) Tetrahydrofuran	7.22	42	118151	74.31	ug/l	98
30) Chloroform	7.37	83	222243	18.76	ug/l	98
31) Cyclohexane	7.66	56	187980	17.55	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	188318	18.65	ug/l	99
36) 1,1-Dichloropropene	7.79	75	162662	17.64	ug/l	100
37) Ethyl Acetate	6.93	43	84082	15.74	ug/l	98
38) Carbon Tetrachloride	7.77	117	170160	18.75	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Sep 17 04:22:59 2018
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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)
39) Methylcyclohexane	9.08	83	171885	16.89	ug/l	98
40) Benzene	8.04	78	502583	18.08	ug/l	99
41) Methacrylonitrile	7.21	41	117008	42.46	ug/l #	13
42) 1,2-Dichloroethane	8.13	62	147253	18.18	ug/l	100
43) Isopropyl Acetate	8.17	43	159361	16.91	ug/l	97
44) Trichloroethene	8.84	130	133314	17.54	ug/l	98
45) 1,2-Dichloropropane	9.12	63	130790	18.21	ug/l	99
46) Dibromomethane	9.21	93	76472	17.45	ug/l	99
47) Bromodichloromethane	9.40	83	162925	18.29	ug/l	98
48) Methyl methacrylate	9.20	41	73879	16.09	ug/l	95
49) 1,4-Dioxane	9.20	88	20472	284.24	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	395101	75.81	ug/l	99
52) Toluene	10.16	92	310923	18.35	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	143025	16.04	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	175805	16.82	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	108615	17.64	ug/l	98
56) Ethyl methacrylate	10.43	69	112495	15.40	ug/l	99
57) 1,3-Dichloropropane	10.71	76	176540	17.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	218719	74.37	ug/l	100
59) 2-Hexanone	10.75	43	238756	67.55	ug/l	95
60) Dibromochloromethane	10.90	129	124979	18.01	ug/l	100
61) 1,2-Dibromoethane	11.01	107	103172	17.15	ug/l	98
64) Tetrachloroethene	10.63	164	127092	18.82	ug/l	99
65) Chlorobenzene	11.43	112	331653	17.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	125915	18.75	ug/l	100
67) Ethyl Benzene	11.51	91	531187	17.58	ug/l	99
68) m/p-Xylenes	11.62	106	424558	36.57	ug/l	99
69) o-Xylene	11.95	106	200019	17.79	ug/l	98
70) Styrene	11.96	104	312606	17.93	ug/l	98
71) Bromoform	12.13	173	80428	17.01	ug/l #	100
73) Isopropylbenzene	12.25	105	523229	18.39	ug/l	99
74) N-amyl acetate	12.07	43	101551	14.18	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	123232	17.85	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	136321	25.17	ug/l #	100
77) Bromobenzene	12.53	156	134718	17.62	ug/l	98
78) n-propylbenzene	12.59	91	565088	18.06	ug/l	99
79) 2-Chlorotoluene	12.67	91	358496	18.34	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	435929	18.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	23927	13.39	ug/l	98
82) 4-Chlorotoluene	12.77	91	344744	17.76	ug/l	100
83) tert-Butylbenzene	12.99	119	368372	18.14	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	422770	18.69	ug/l	99
85) sec-Butylbenzene	13.17	105	475492	18.25	ug/l	100
86) p-Isopropyltoluene	13.29	119	402834	18.24	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	216262	16.68	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	206542	17.35	ug/l	98
89) n-Butylbenzene	13.62	91	262488	15.27	ug/l	99
90) Hexachloroethane	13.87	117	80073	19.54	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	215521	17.05	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15258	16.15	ug/l	94

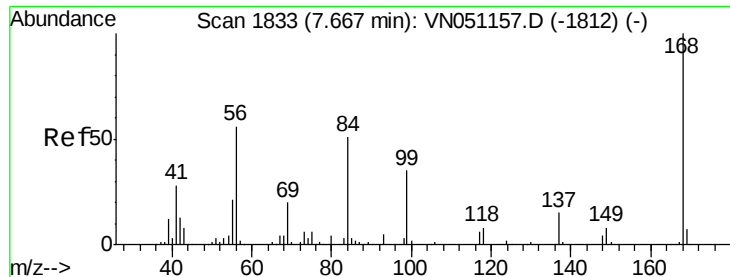
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	63591	13.57	ug/l	96
94) Hexachlorobutadiene	15.01	225	70069	17.90	ug/l	99
95) Naphthalene	15.13	128	111693	13.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	69832	14.21	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: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

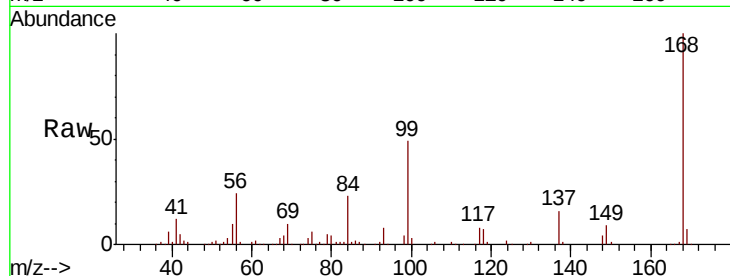
ClientSampleId :

Tot Ion:168 Resp: 581879

Ion Ratio Lower Upper

168 100

99 48.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

250000

200000

150000

100000

50000

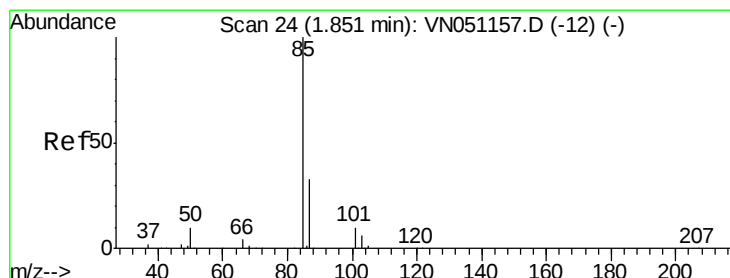
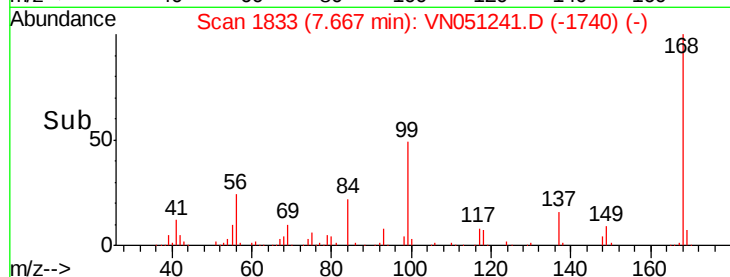
0

7.60

7.70

7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.24 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051241.D

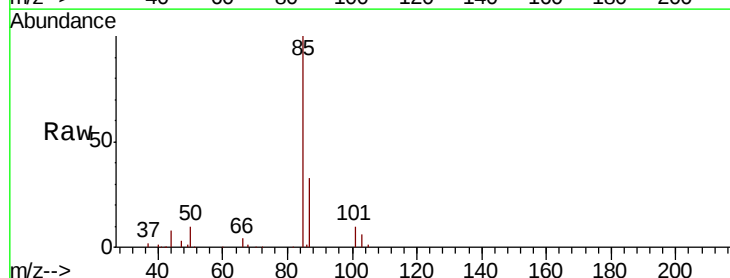
Acq: 15 Sep 2018 23:41

Tgt Ion: 85 Resp: 107981

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN051157.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN051157.D (-12) (-)

1.85

80000

60000

40000

20000

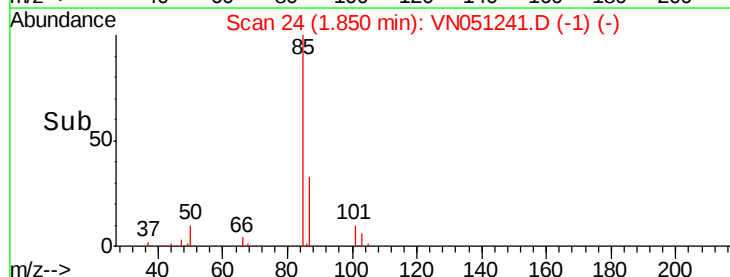
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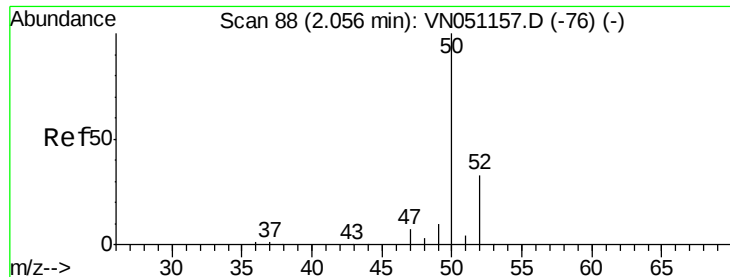
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 19.38 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

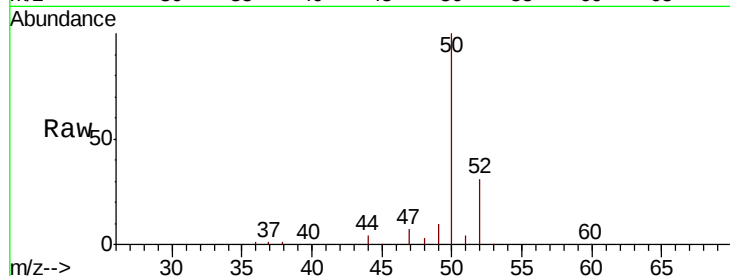
ClientSampled :

Tot Ion: 50 Resp: 142828

Ion Ratio Lower Upper

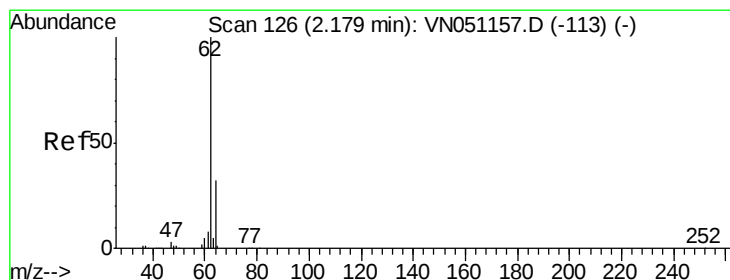
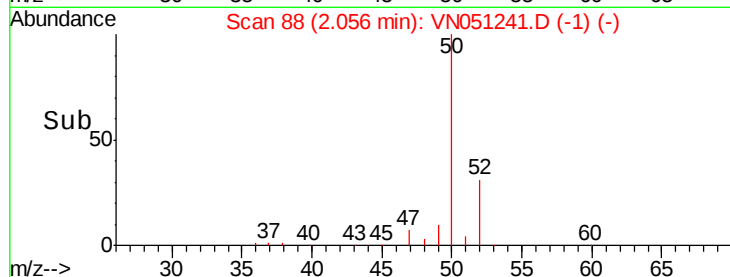
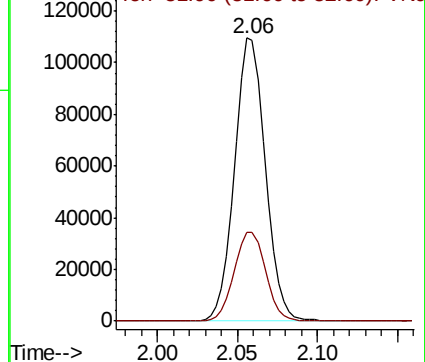
50 100

52 31.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.48 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051241.D

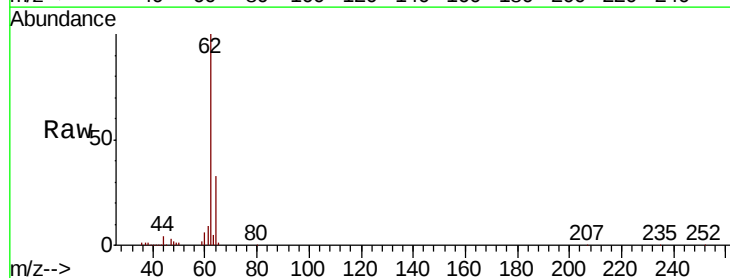
Acq: 15 Sep 2018 23:41

Tgt Ion: 62 Resp: 142309

Ion Ratio Lower Upper

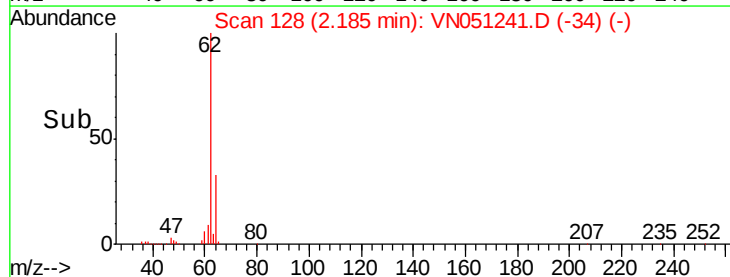
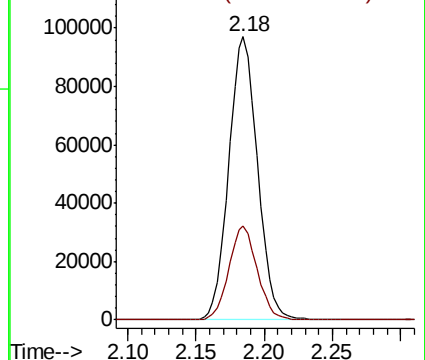
62 100

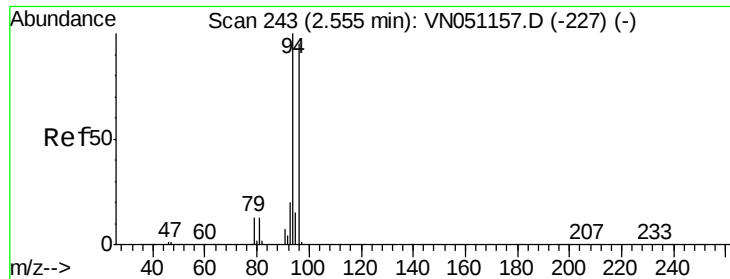
64 33.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 18.49 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

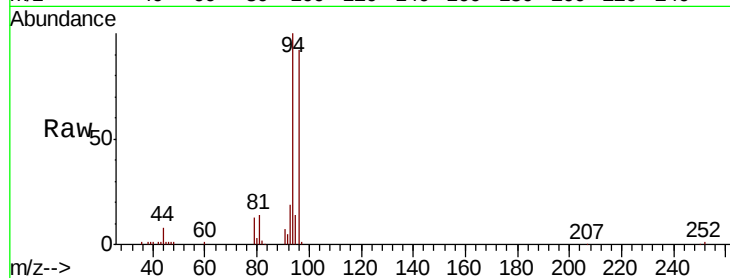
ClientSampled :

Tot Ion: 94 Resp: 83070

Ion Ratio Lower Upper

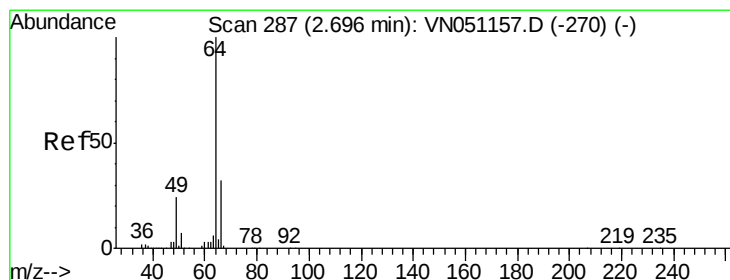
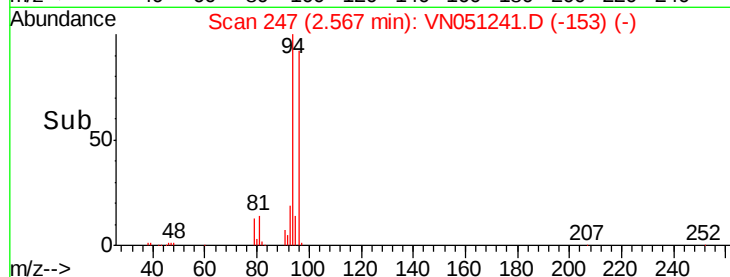
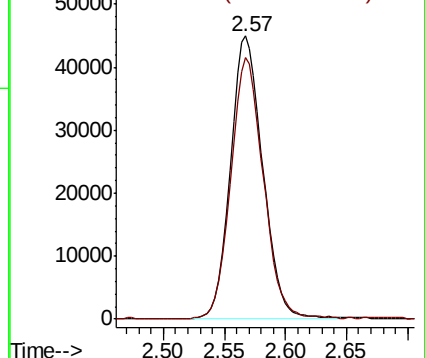
94 100

96 92.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.88 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051241.D

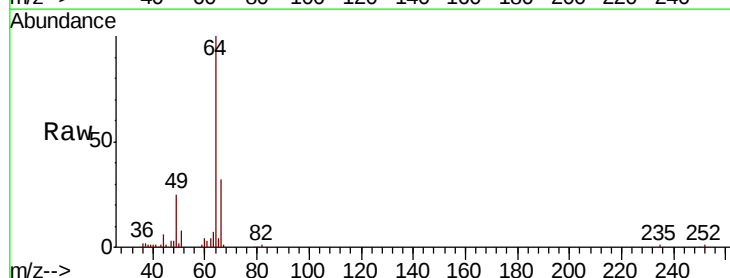
Acq: 15 Sep 2018 23:41

Tgt Ion: 64 Resp: 84989

Ion Ratio Lower Upper

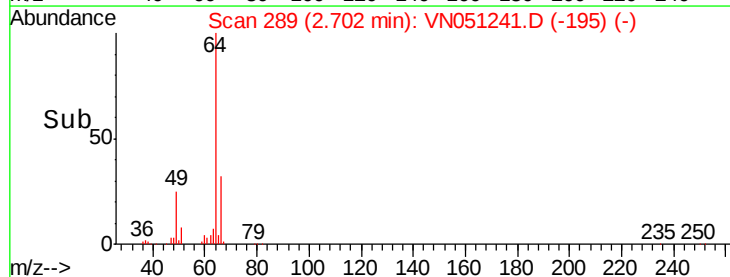
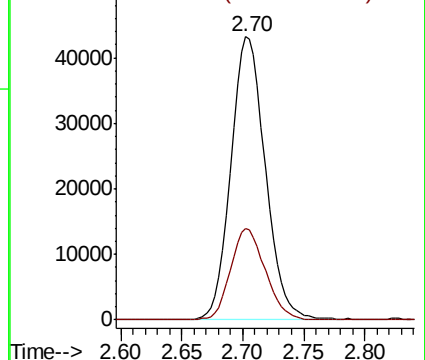
64 100

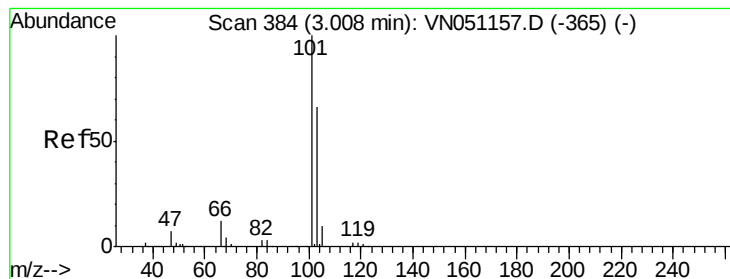
66 32.3 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



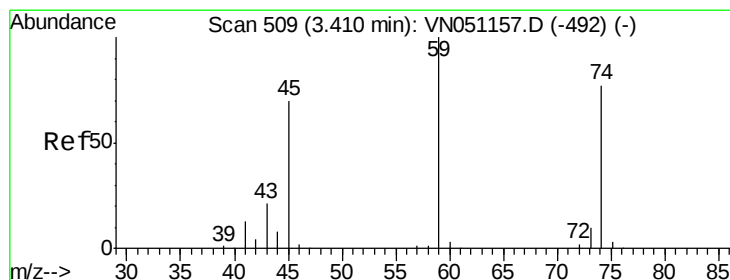
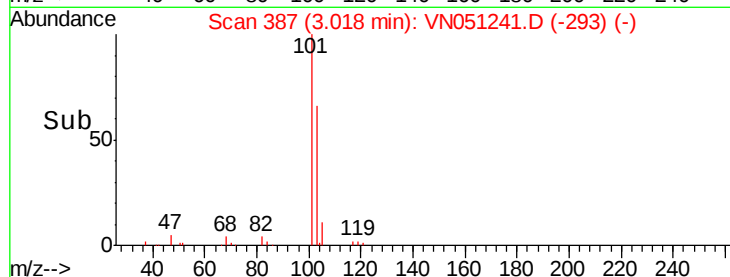
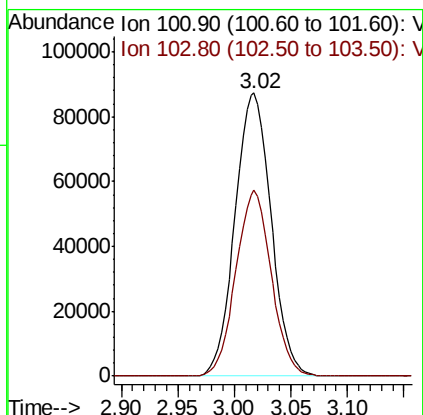
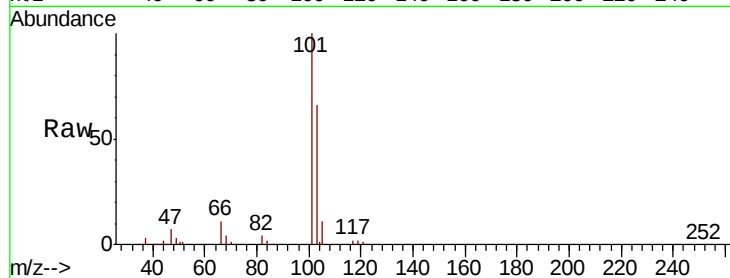


#7

Trichlorofluoromethane
Concen: 19.06 ug/l
RT: 3.02 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Instrument :
MSVOA_N
ClientSampleId :

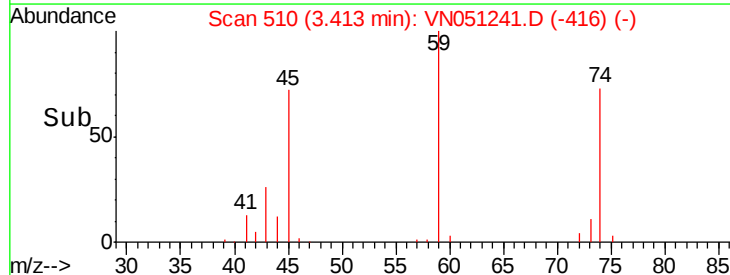
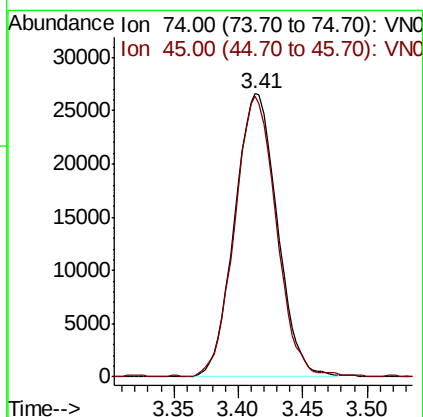
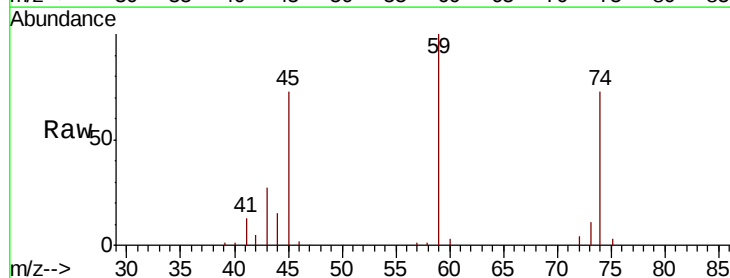
Tot Ion:101 Resp: 194566
Ion Ratio Lower Upper
101 100
103 65.7 52.4 78.6

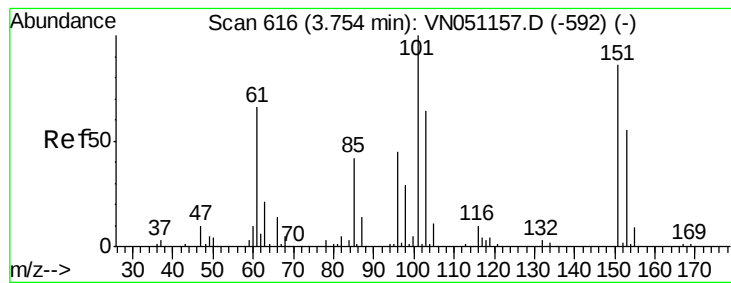


#8

Diethyl Ether
Concen: 16.29 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion: 74 Resp: 61160
Ion Ratio Lower Upper
74 100
45 97.1 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.44 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampled :

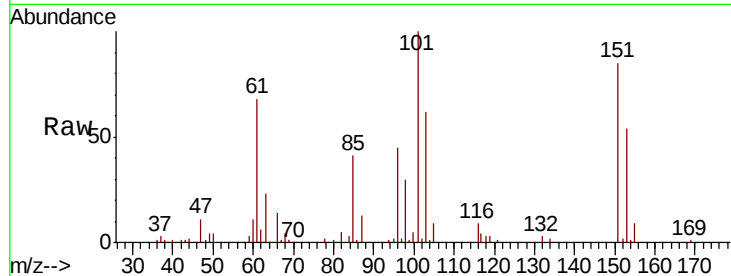
Tot Ion:101 Resp: 121295

Ion Ratio Lower Upper

101 100

85 40.9 33.3 49.9

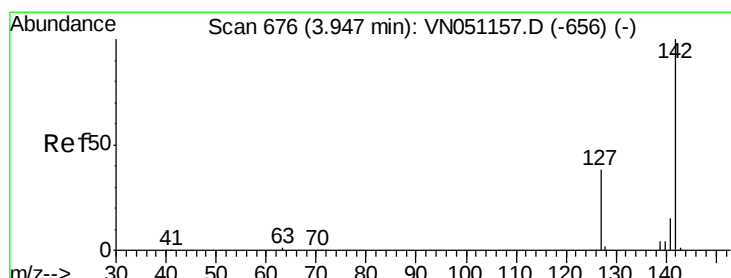
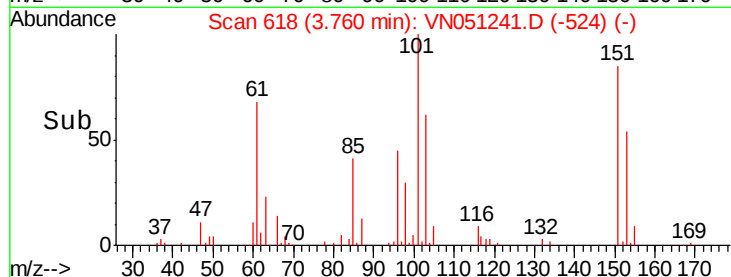
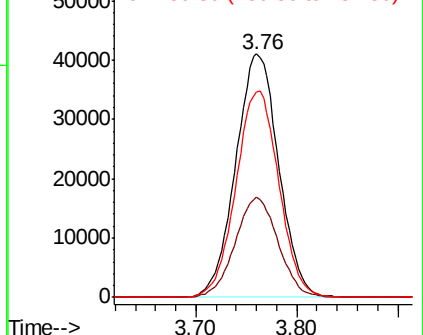
151 84.5 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.29 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

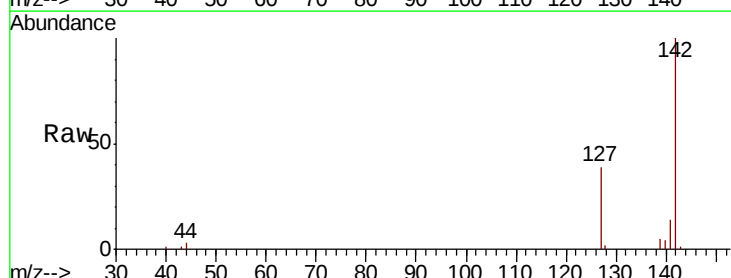
Tgt Ion:142 Resp: 94696

Ion Ratio Lower Upper

142 100

127 41.0 31.0 46.4

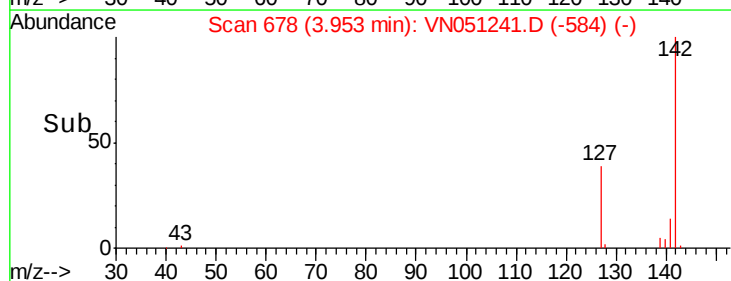
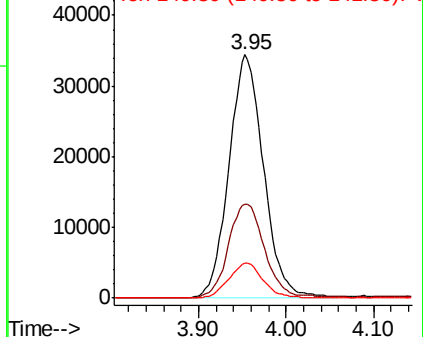
141 14.2 11.3 16.9

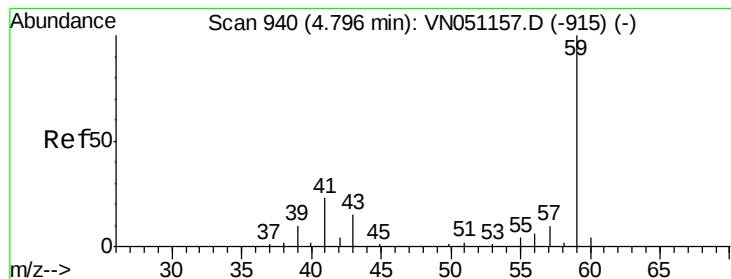


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



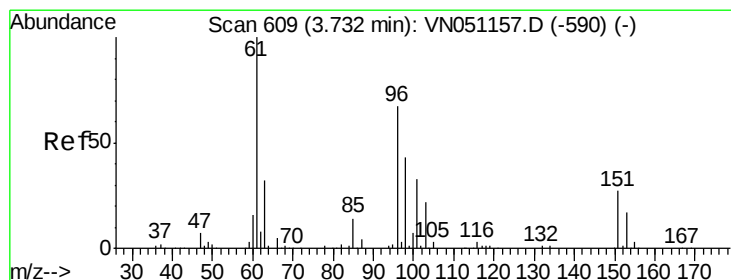
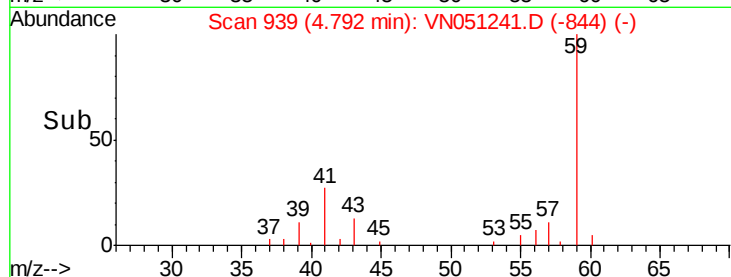
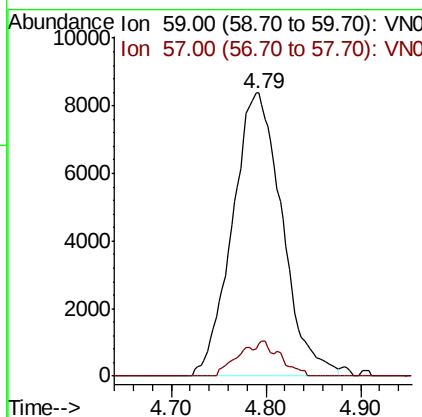
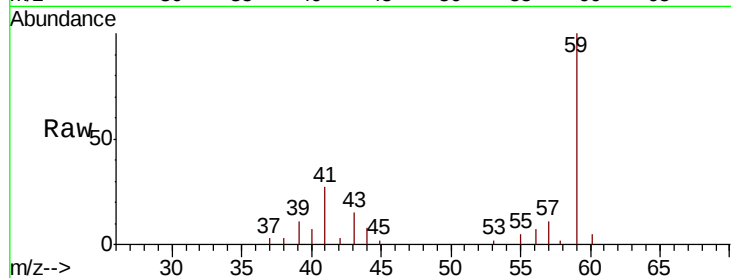


#11

Tert butyl alcohol
 Concen: 61.98 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Instrument :
 MSVOA_N
 ClientSampled :

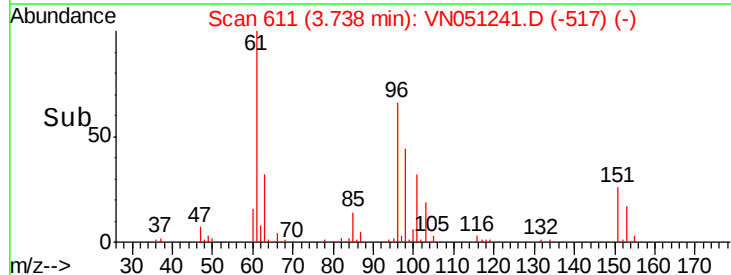
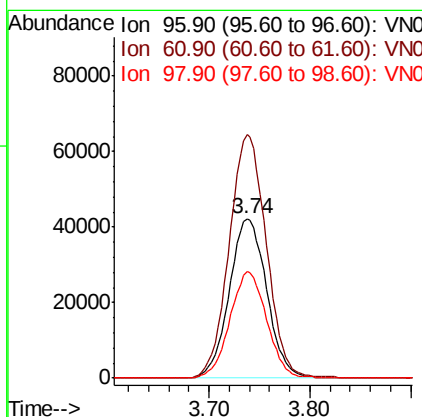
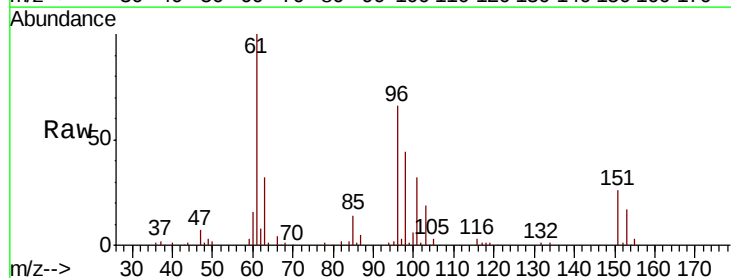
Tot Ion: 59 Resp: 30656
 Ion Ratio Lower Upper
 59 100
 57 5.6 8.1 12.1#

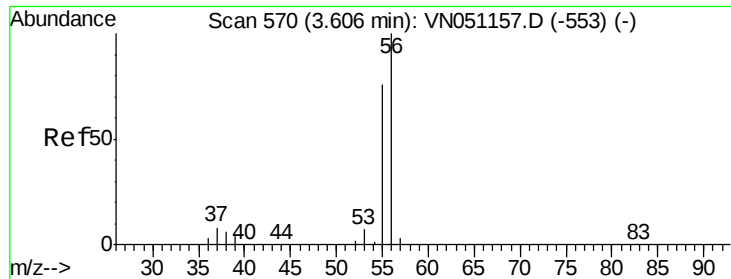


#12

1,1-Dichloroethene
 Concen: 17.45 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion: 96 Resp: 108339
 Ion Ratio Lower Upper
 96 100
 61 152.5 120.3 180.5
 98 66.6 50.8 76.2





#13

Acrolein

Concen: 56.92 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

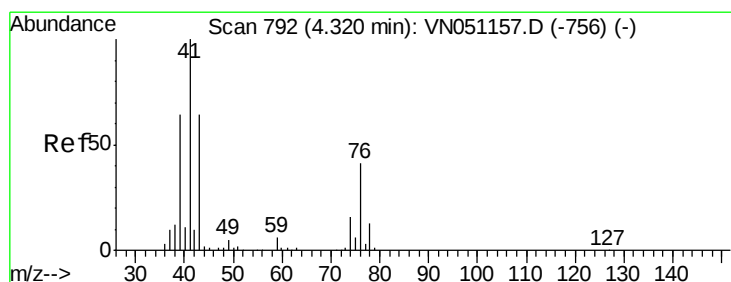
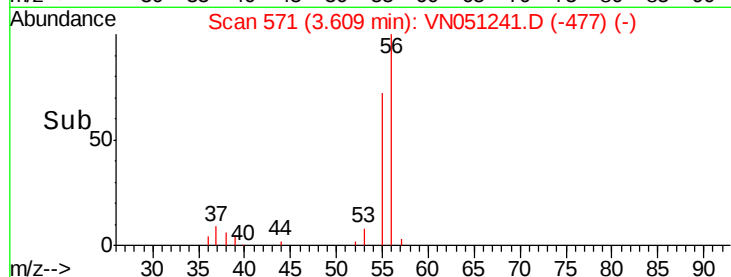
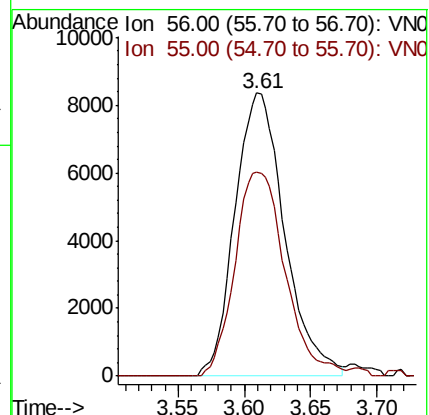
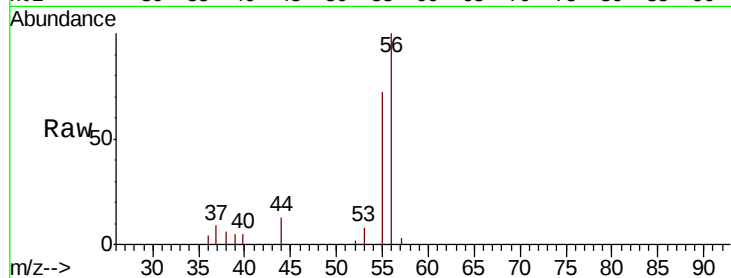
ClientSampleId :

Tot Ion: 56 Resp: 21826

Ion Ratio Lower Upper

56 100

55 72.9 58.0 87.0



#14

Allyl chloride

Concen: 16.03 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

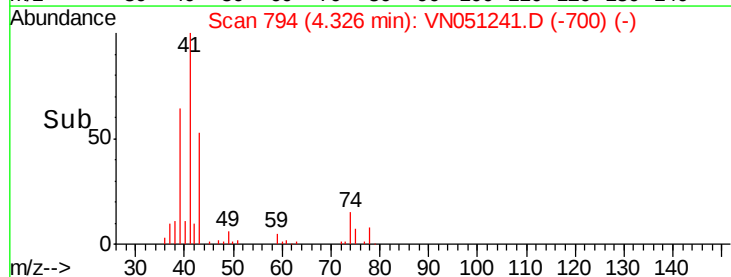
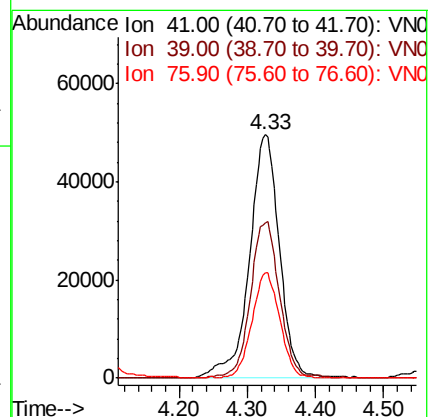
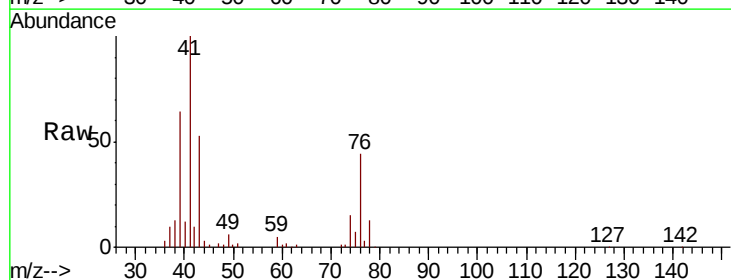
Tgt Ion: 41 Resp: 151600

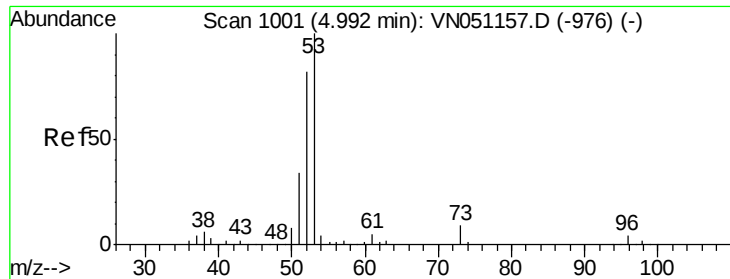
Ion Ratio Lower Upper

41 100

39 62.1 48.8 73.2

76 40.1 30.6 45.8





#15

Acrylonitrile

Concen: 77.90 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

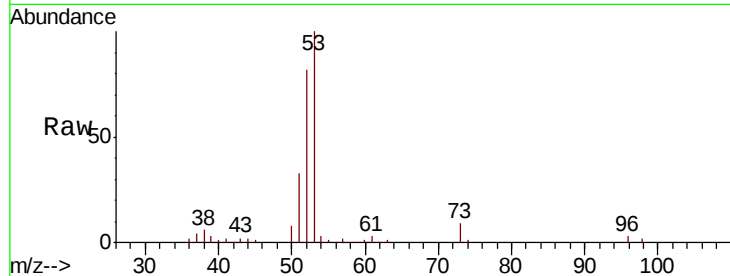
Tot Ion: 53 Resp: 170734

Ion Ratio Lower Upper

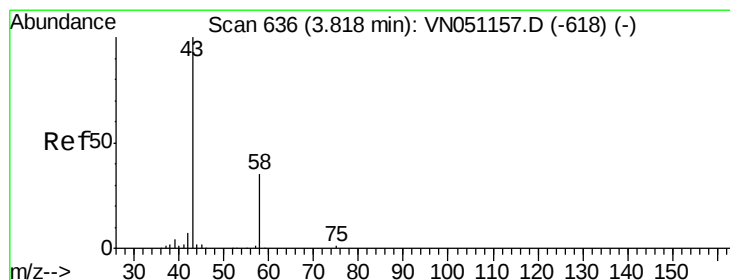
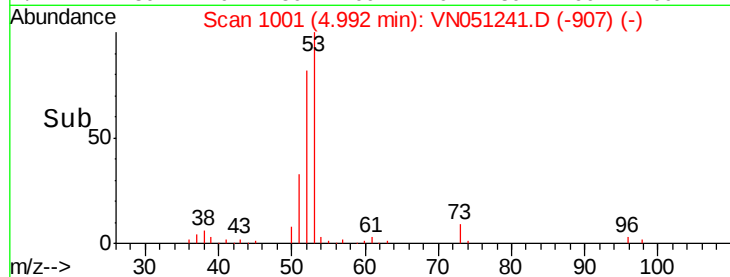
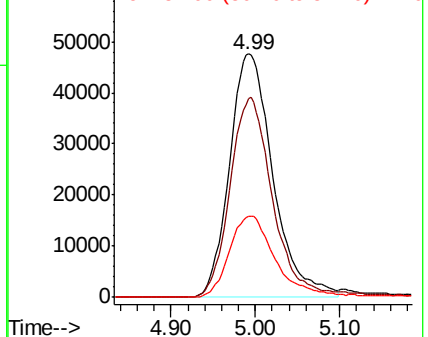
53 100

52 80.2 65.3 97.9

51 35.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 65.00 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051241.D

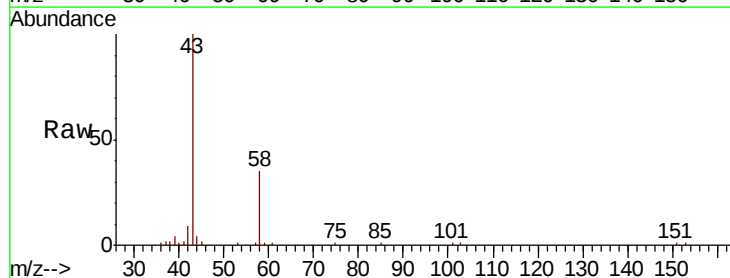
Acq: 15 Sep 2018 23:41

Tgt Ion: 43 Resp: 110986

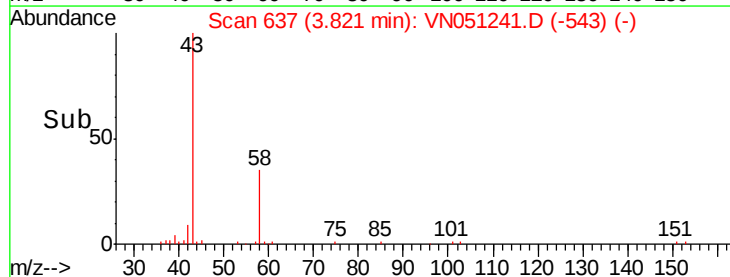
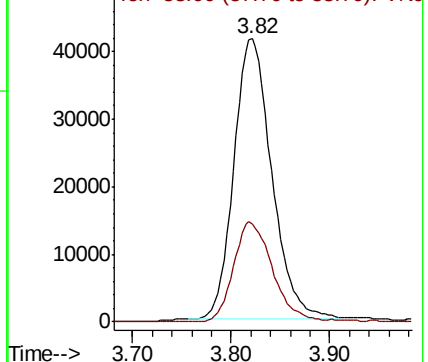
Ion Ratio Lower Upper

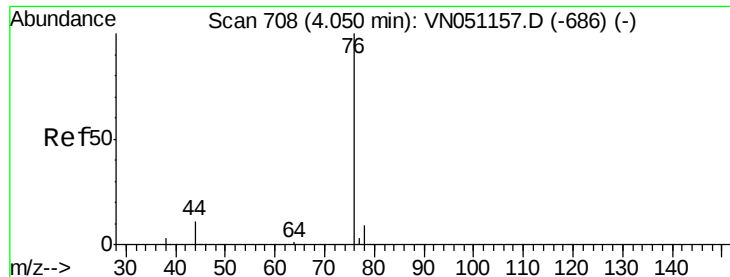
43 100

58 35.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

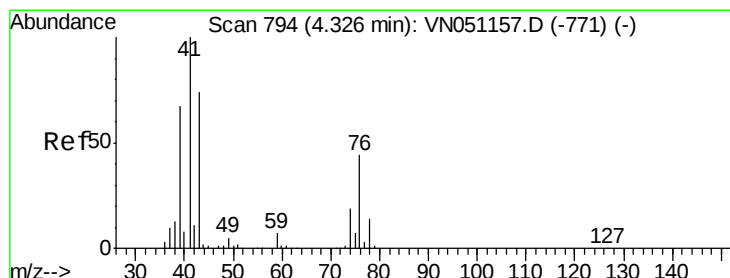
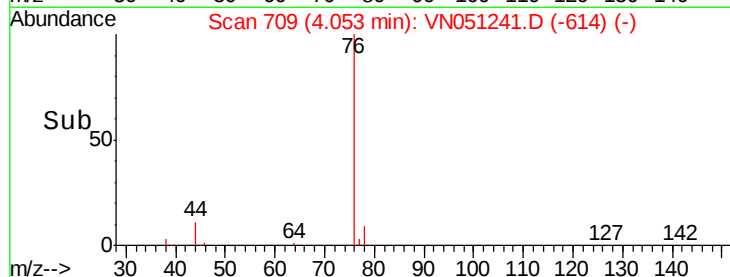
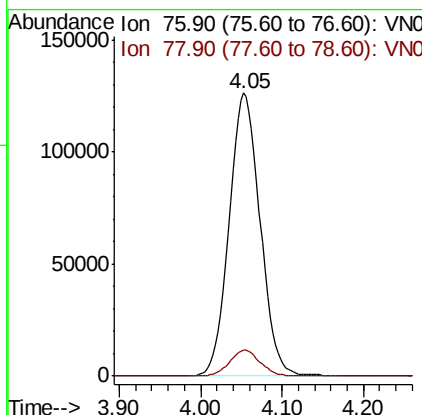
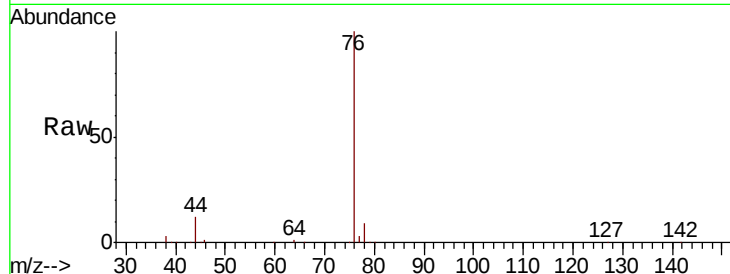




#17
Carbon Disulfide
Concen: 18.35 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

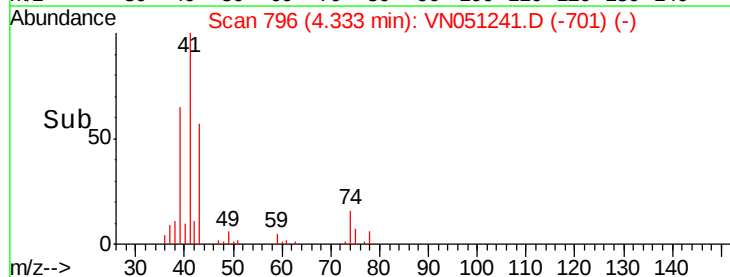
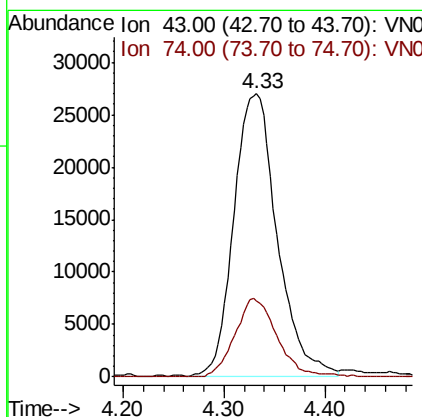
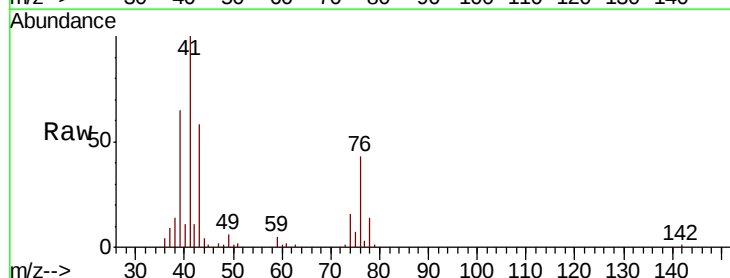
Instrument :
MSVOA_N
ClientSampled :

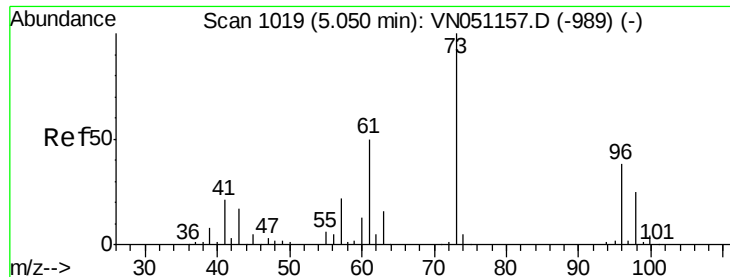
Tot Ion: 76 Resp: 334413
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 15.59 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion: 43 Resp: 80849
Ion Ratio Lower Upper
43 100
74 26.9 20.7 31.1



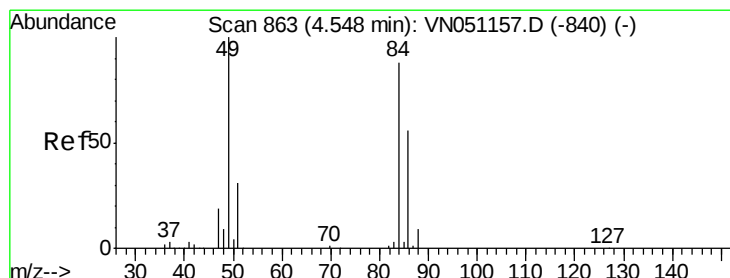
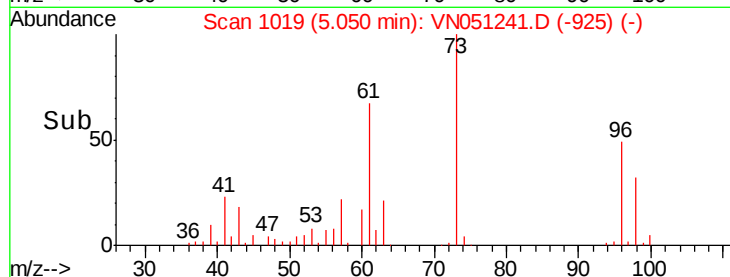
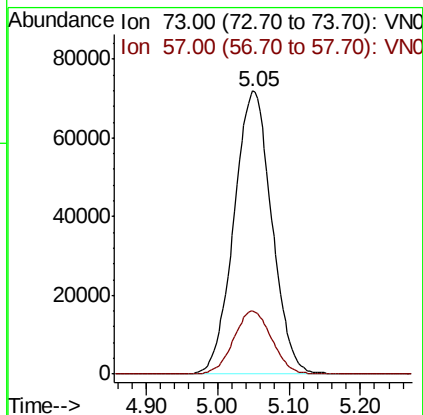
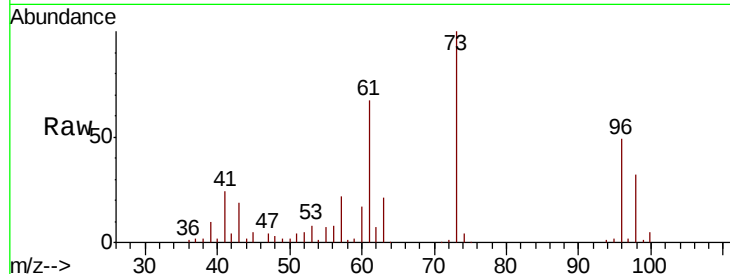


#19

Methyl tert-butyl Ether
 Concen: 16.15 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Instrument :
 MSVOA_N
 ClientSampled :

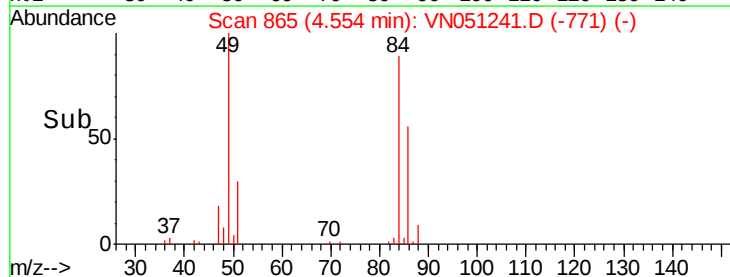
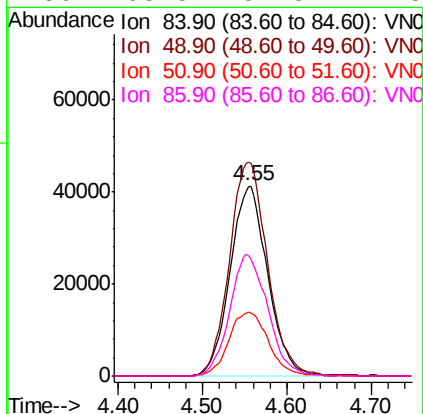
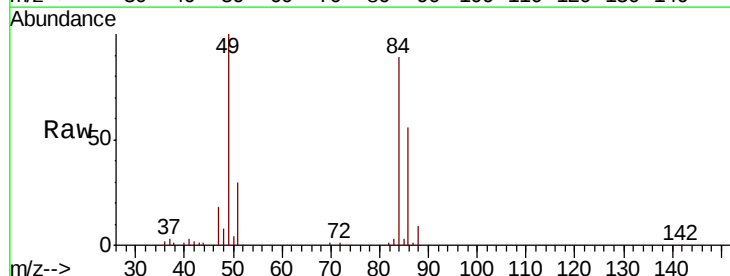
Tot Ion: 73 Resp: 264999
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.9 26.9

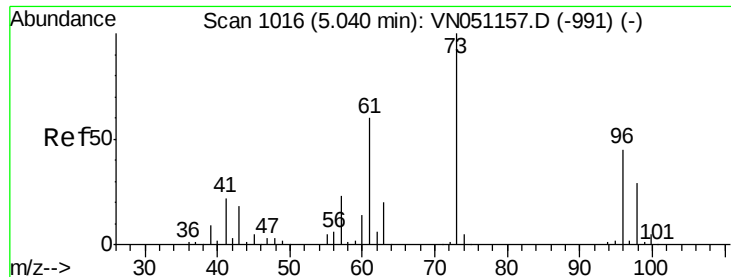


#20

Methylene Chloride
 Concen: 17.93 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion: 84 Resp: 128236
 Ion Ratio Lower Upper
 84 100
 49 112.4 90.2 135.2
 51 33.7 28.4 42.6
 86 63.5 51.8 77.8

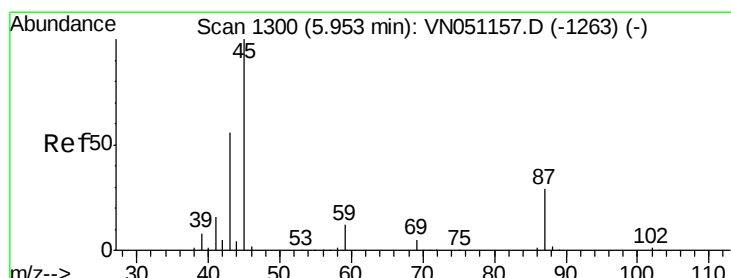
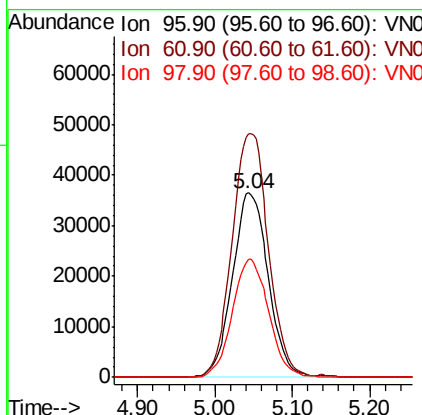
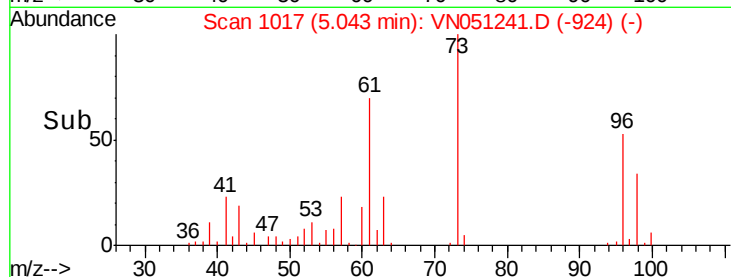
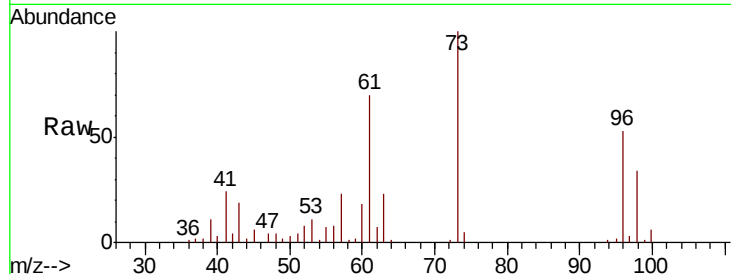




#21
trans-1,2-Dichloroethene
Concen: 17.46 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

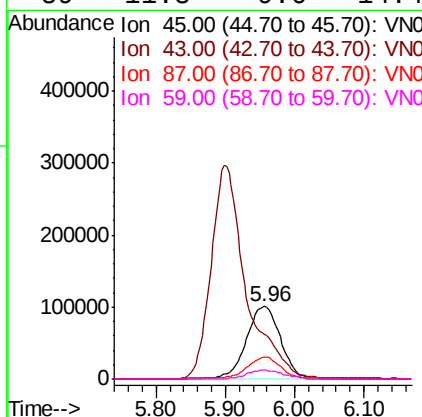
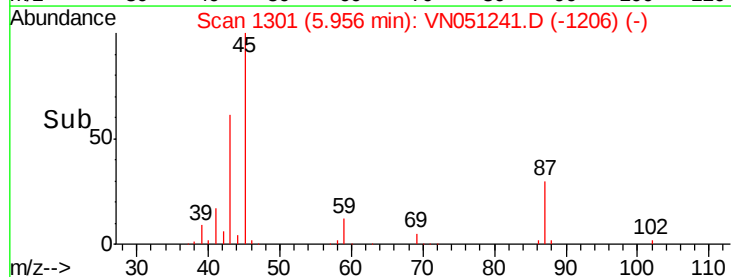
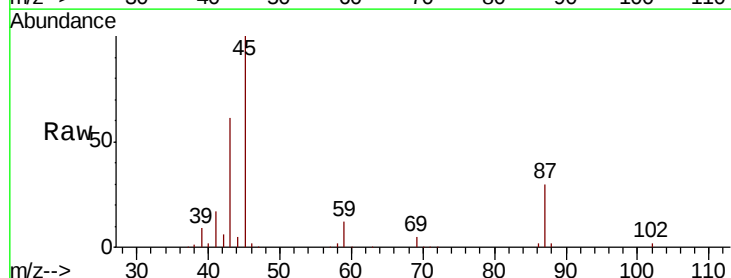
Instrument :
MSVOA_N
ClientSampled :

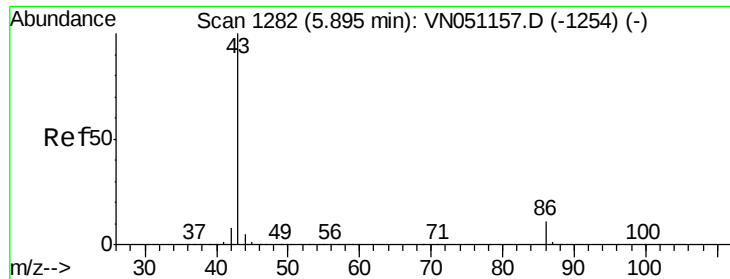
Tot Ion: 96 Resp: 117553
Ion Ratio Lower Upper
96 100
61 132.0 106.5 159.7
98 63.8 50.4 75.6



#22
Diisopropyl ether
Concen: 18.39 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion: 45 Resp: 345294
Ion Ratio Lower Upper
45 100
43 59.5 48.8 73.2
87 30.0 23.8 35.8
59 11.8 9.6 14.4

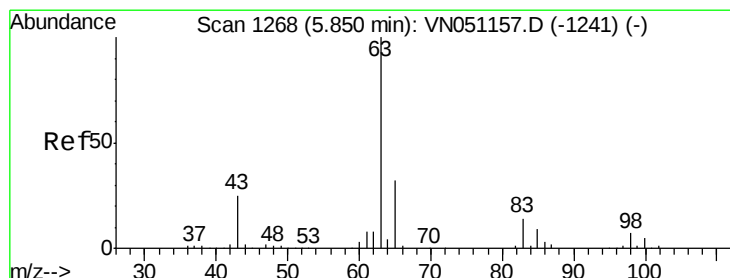
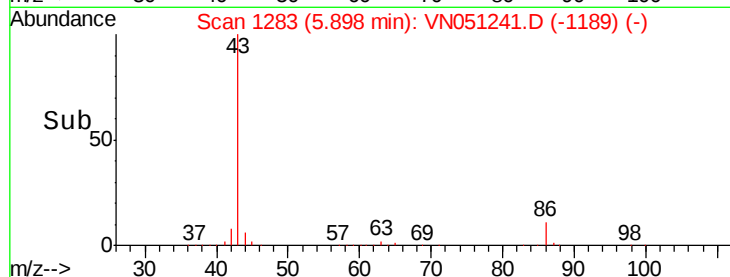
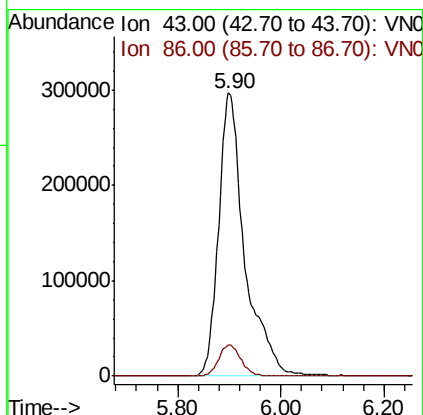
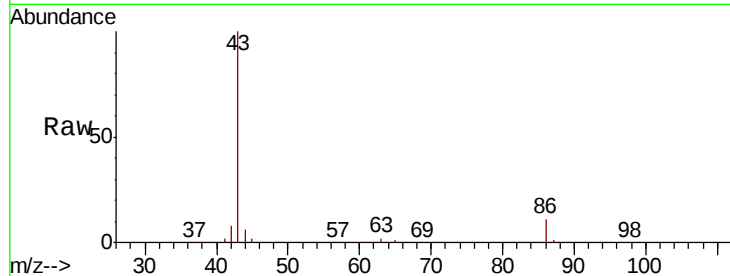




#23
 Vinyl Acetate
 Concen: 82.34 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

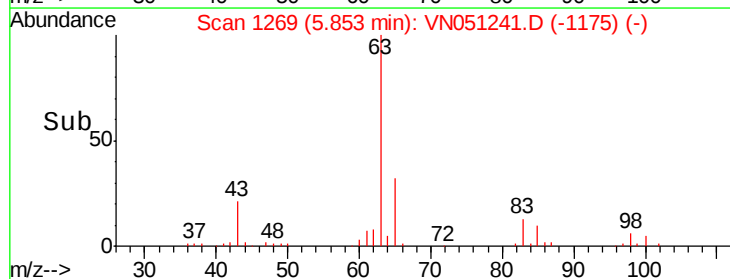
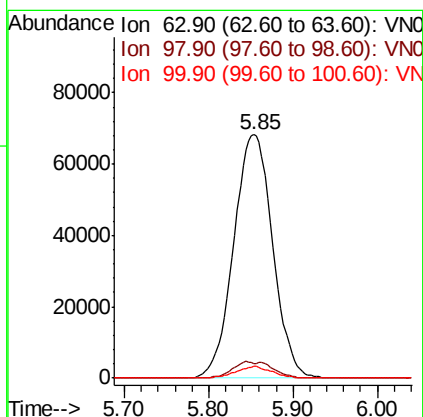
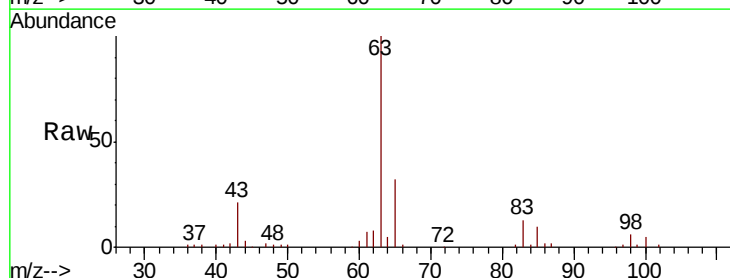
Instrument :
 MSVOA_N
 ClientSampleId :

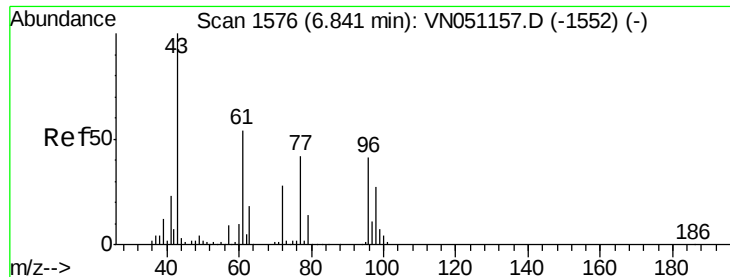
Tot Ion: 43 Resp: 1046030
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 18.39 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion: 63 Resp: 219068
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.1
 100 4.8 2.1 6.3

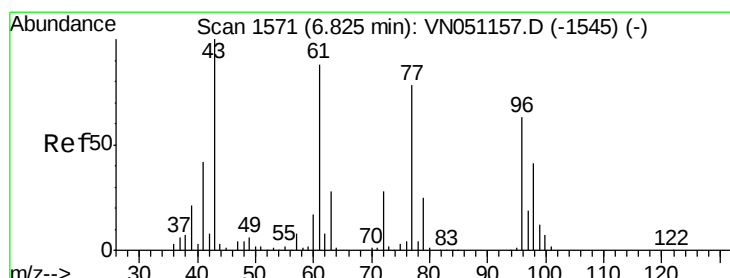
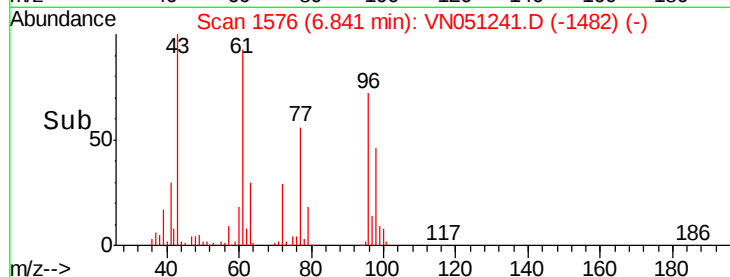
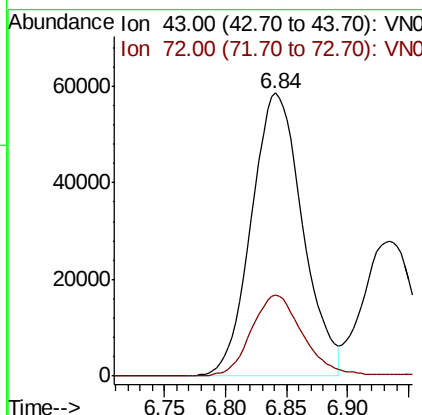
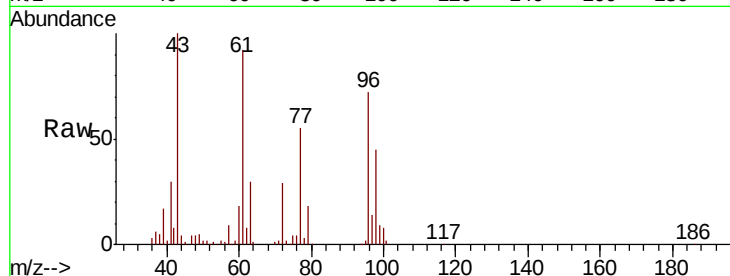




#25
2-Butanone
Concen: 66.70 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

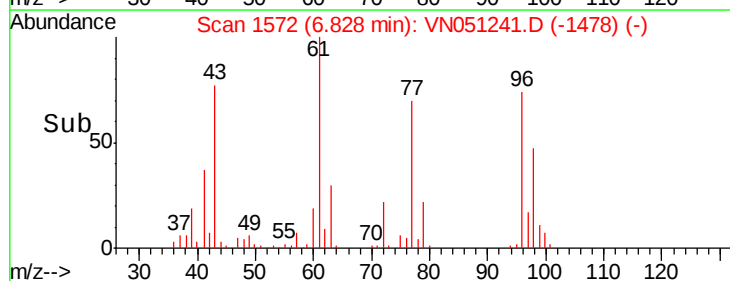
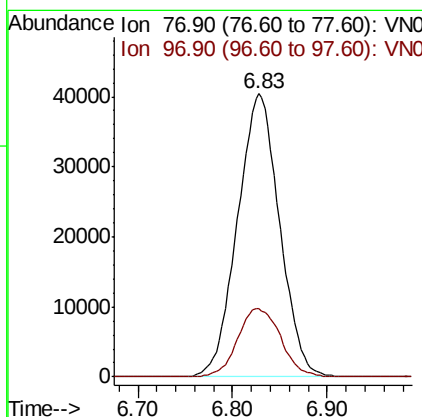
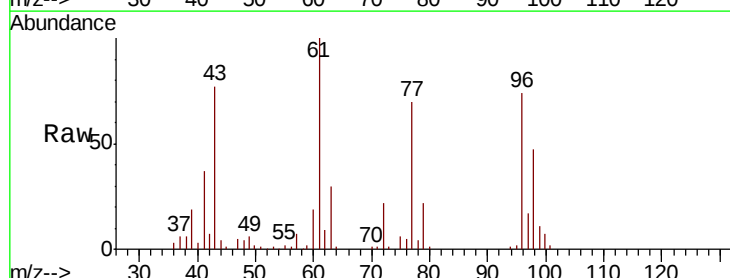
Instrument :
MSVOA_N
ClientSampled :

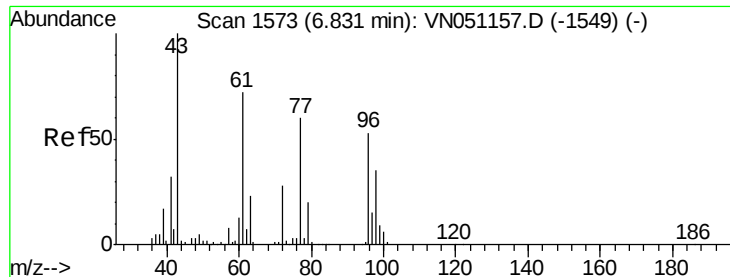
Tot Ion: 43 Resp: 169825
Ion Ratio Lower Upper
43 100
72 28.6 23.0 34.6



#26
2,2-Dichloropropane
Concen: 12.80 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion: 77 Resp: 124751
Ion Ratio Lower Upper
77 100
97 24.6 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 17.77 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampleId :

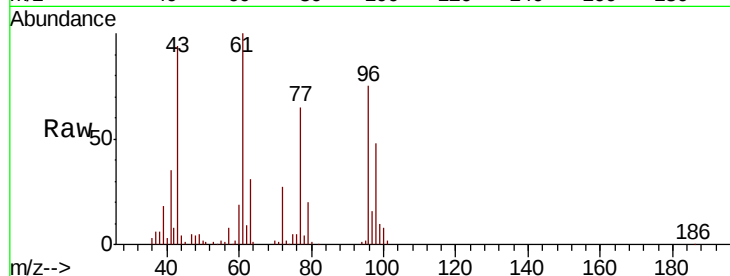
Tot Ion: 96 Resp: 131259

Ion Ratio Lower Upper

96 100

61 132.3 0.0 278.2

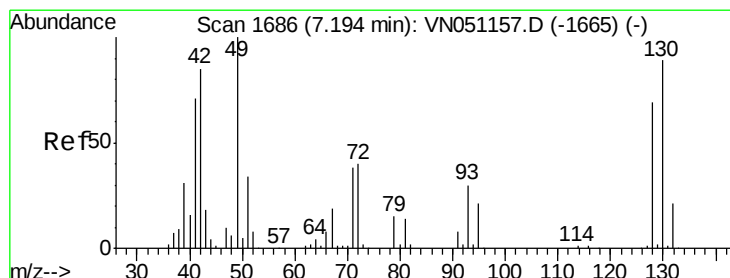
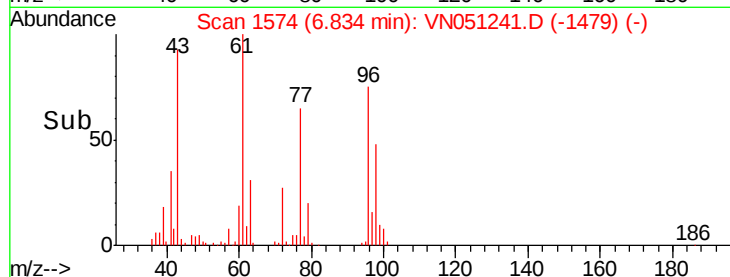
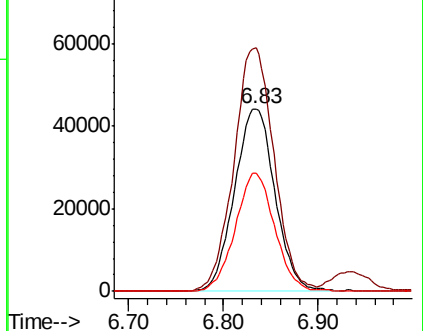
98 63.0 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051157.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN051157.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051157.D (-1549) (-)



#28

Bromochloromethane

Concen: 16.41 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

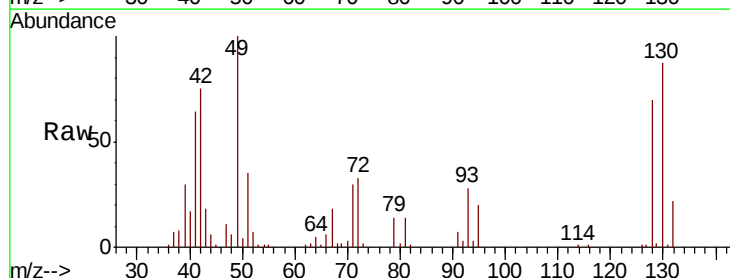
Tgt Ion: 49 Resp: 86996

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

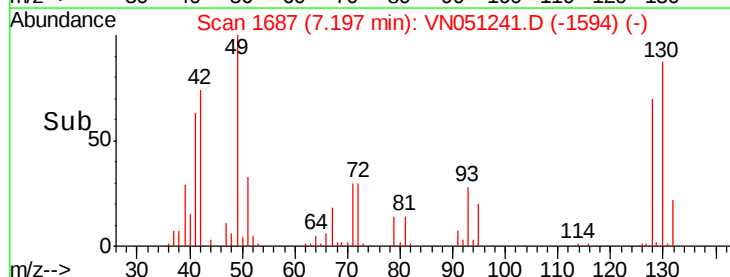
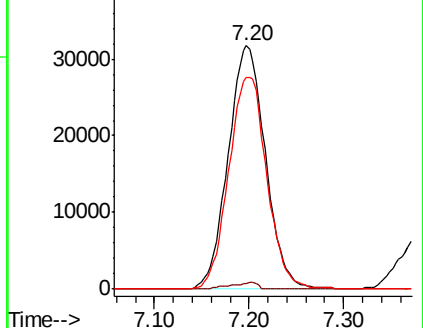
130 88.5 70.7 106.1

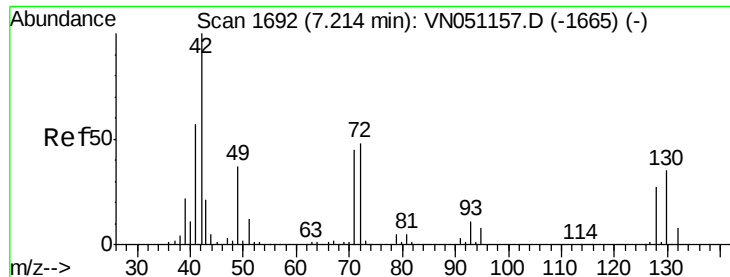


Abundance Ion 48.90 (48.60 to 49.60): VN051157.D (-1665) (-)

Ion 128.80 (128.50 to 129.50): VN051157.D (-1665) (-)

Ion 129.80 (129.50 to 130.50): VN051157.D (-1665) (-)





#29

Tetrahydrofuran

Concen: 74.31 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampleId :

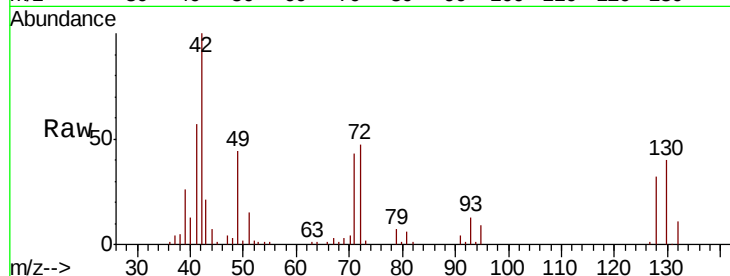
Tot Ion: 42 Resp: 118151

Ion Ratio Lower Upper

42 100

72 45.7 37.4 56.0

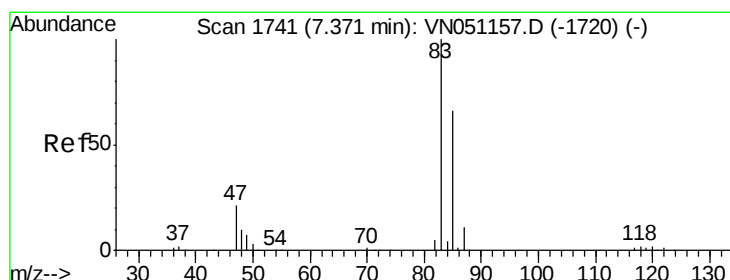
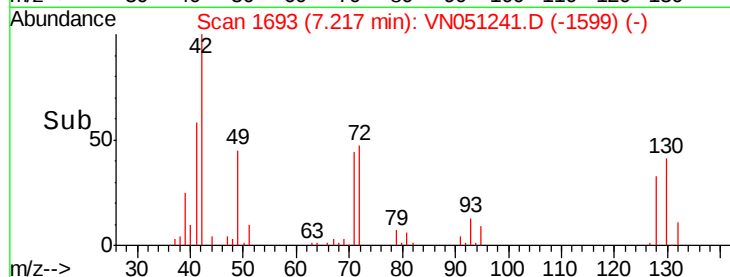
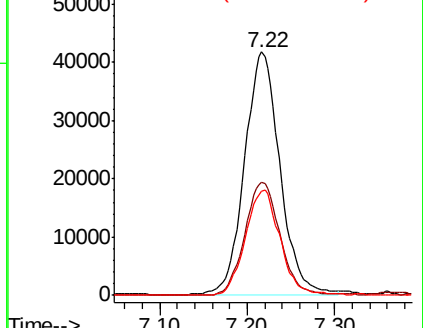
71 41.7 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VN051157.D (-1665) (-)

Ion 72.00 (71.70 to 72.70): VN051157.D (-1665) (-)

Ion 71.00 (70.70 to 71.70): VN051157.D (-1665) (-)



#30

Chloroform

Concen: 18.76 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051241.D

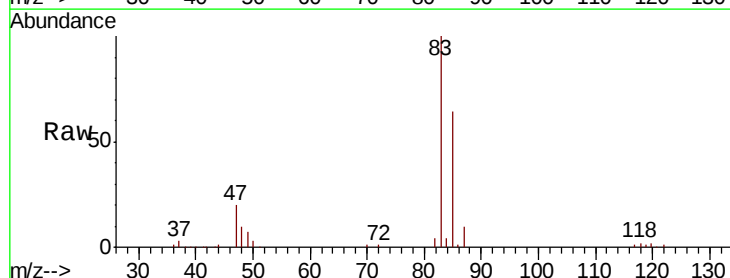
Acq: 15 Sep 2018 23:41

Tgt Ion: 83 Resp: 222243

Ion Ratio Lower Upper

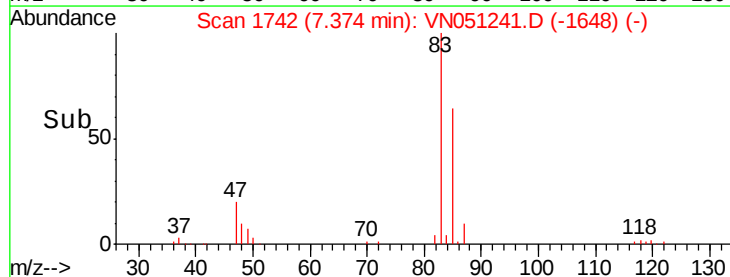
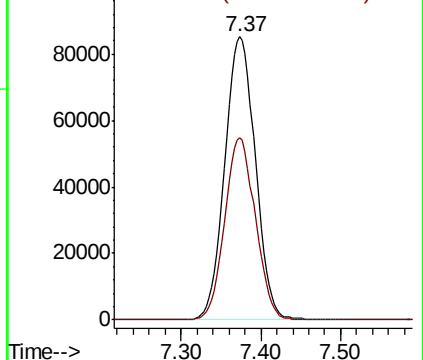
83 100

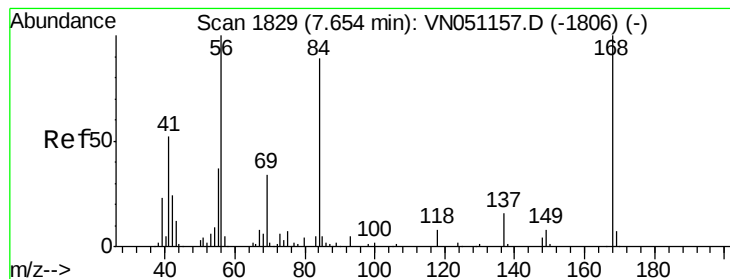
85 64.4 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN051157.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN051157.D (-1720) (-)





#31

Cyclohexane

Concen: 17.55 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

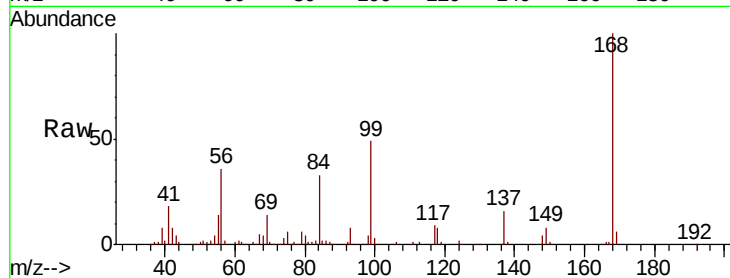
Tot Ion: 56 Resp: 187980

Ion Ratio Lower Upper

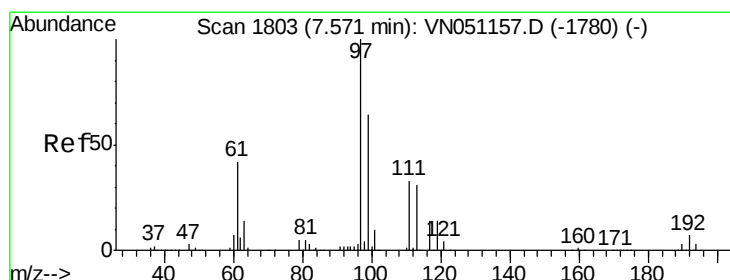
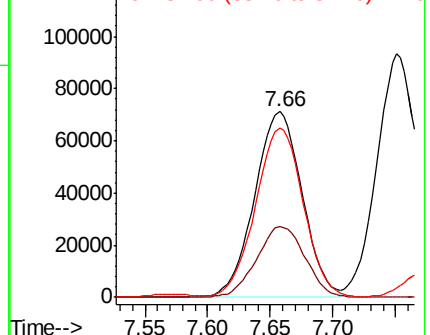
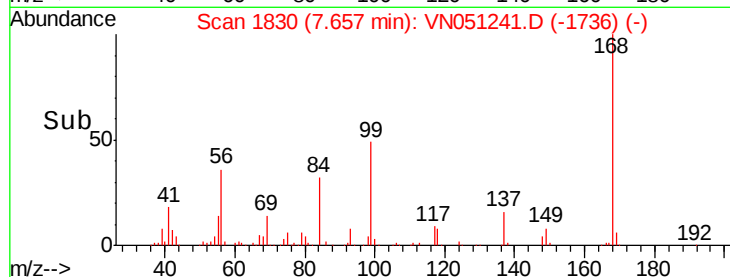
56 100

69 38.0 26.3 39.5

84 89.8 69.4 104.0



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.65 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

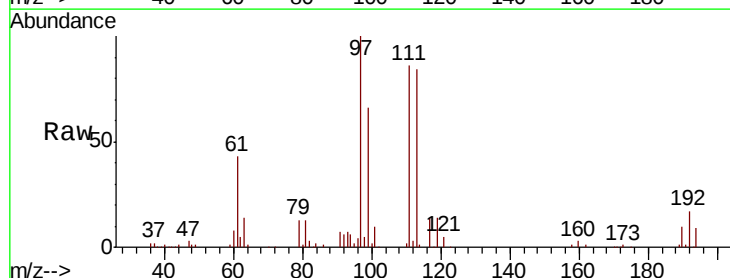
Tgt Ion: 97 Resp: 188318

Ion Ratio Lower Upper

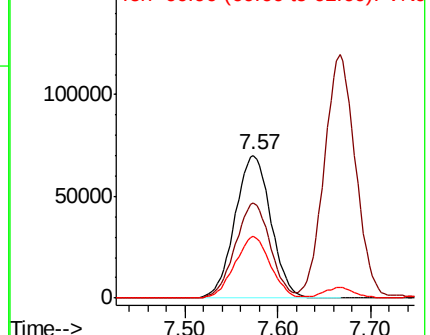
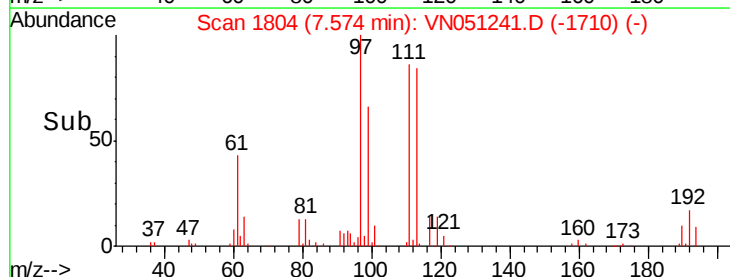
97 100

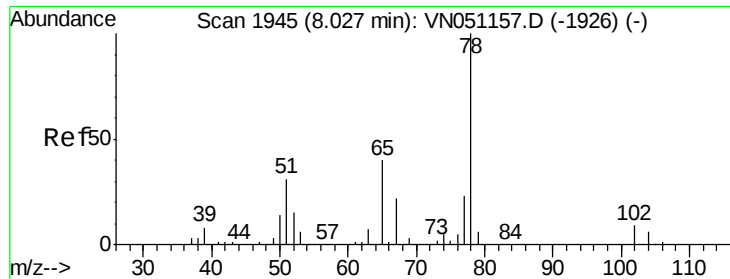
99 65.3 51.6 77.4

61 42.4 33.8 50.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

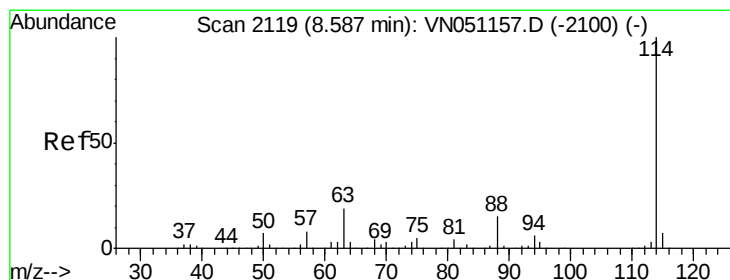
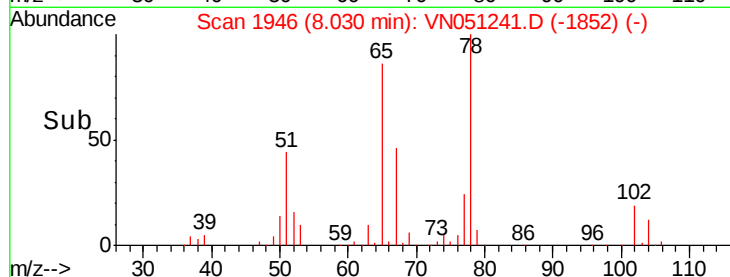
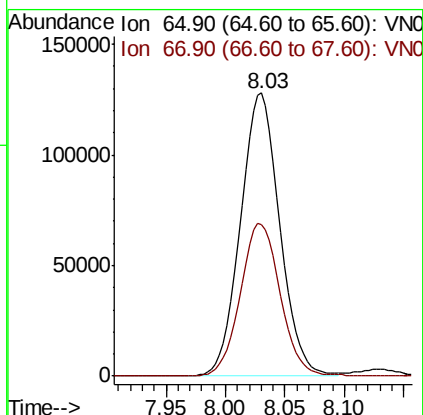
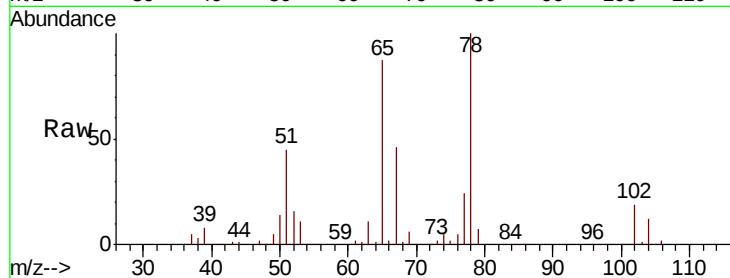




#33
 1,2-Dichloroethane-d4
 Concen: 45.18 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

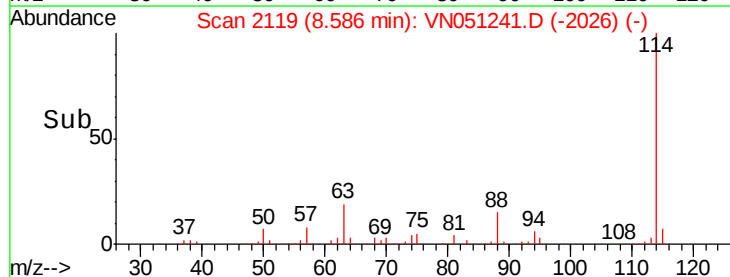
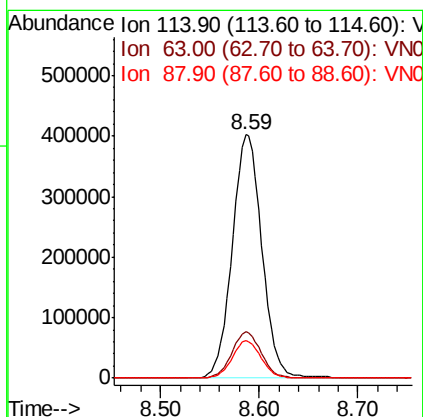
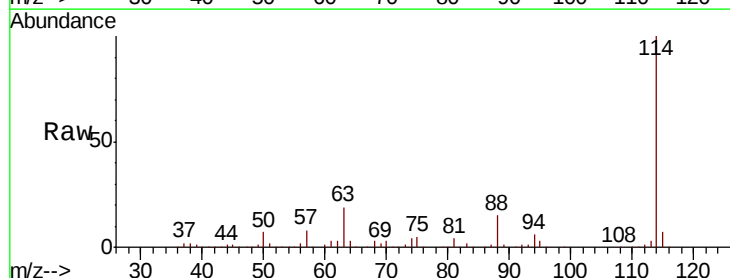
Instrument :
 MSVOA_N
 ClientSampled :

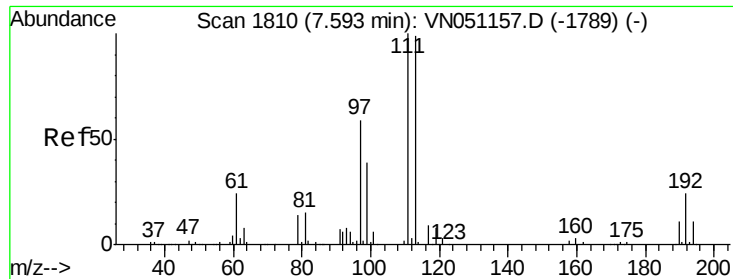
Tot Ion: 65 Resp: 292544
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion: 114 Resp: 840021
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.3 0.0 30.8

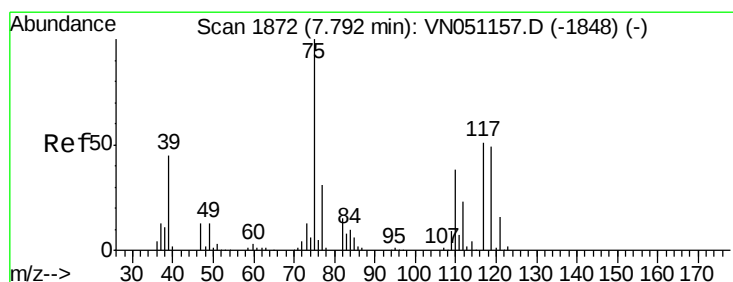
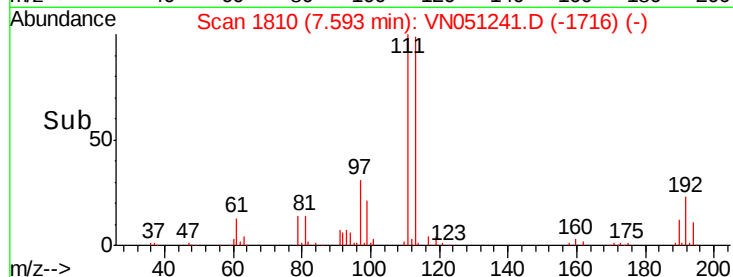
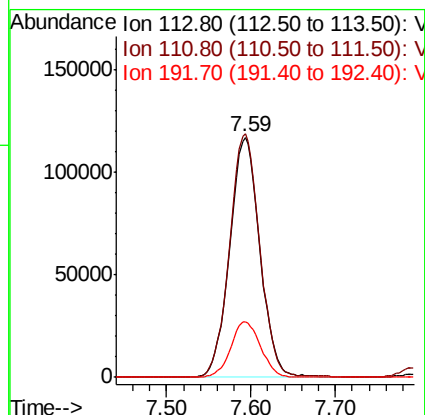
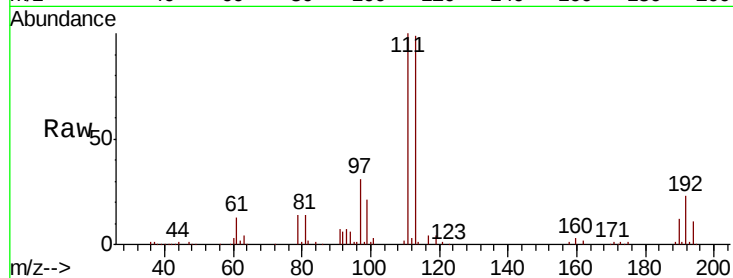




#35
 Dibromofluoromethane
 Concen: 46.14 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

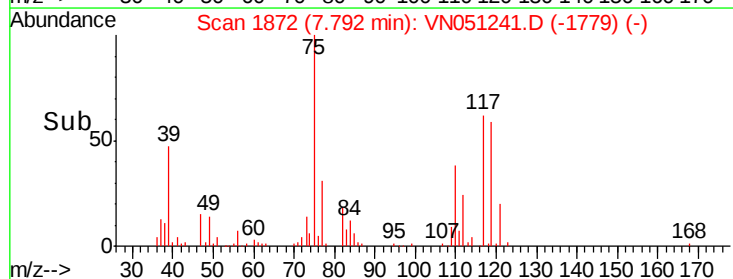
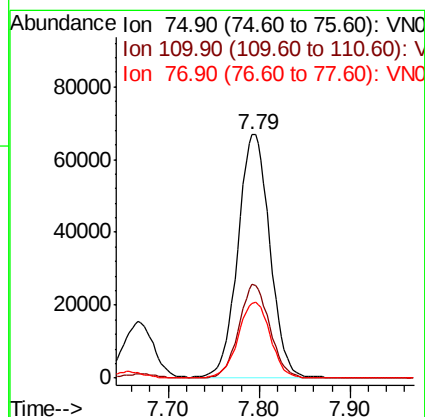
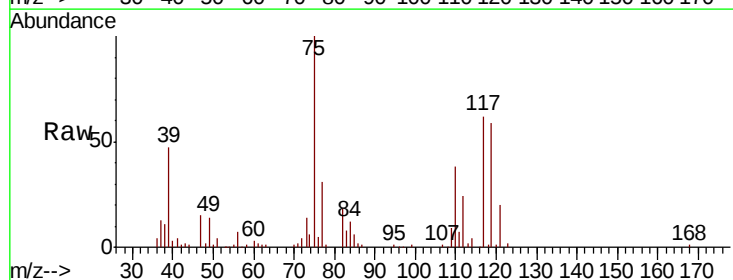
Instrument :
 MSVOA_N
 ClientSampleId :

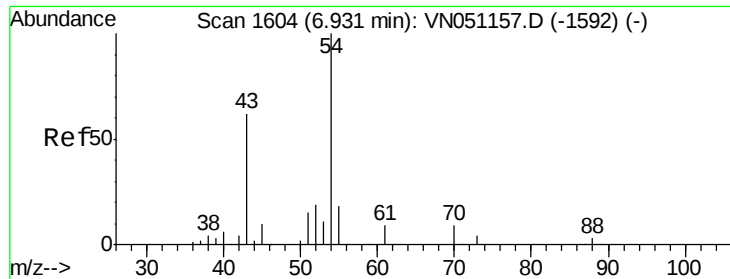
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.6
192	22.9	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 17.64 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.6	55.8
77	31.7	25.2	37.8

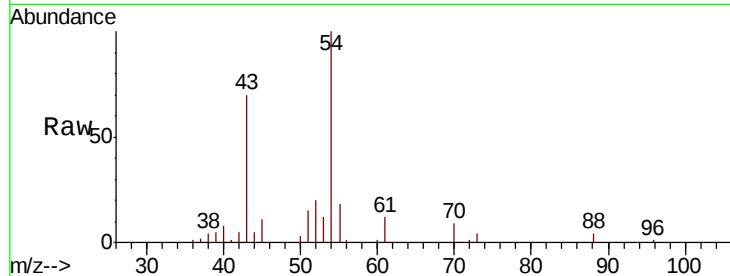




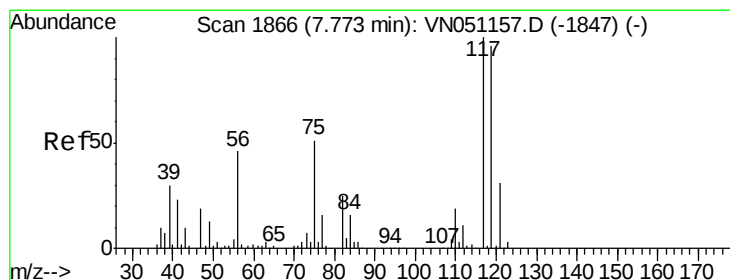
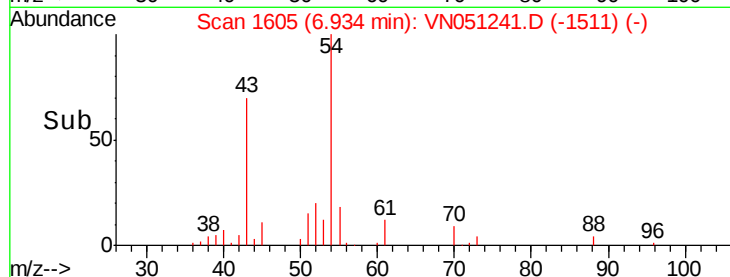
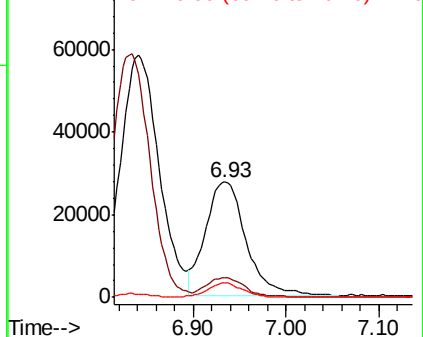
#37
Ethyl Acetate
Concen: 15.74 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 84082
Ion Ratio Lower Upper
43 100
61 16.7 12.4 18.6
70 10.9 9.3 13.9

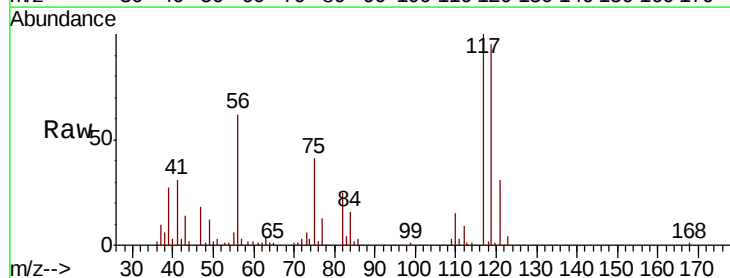


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

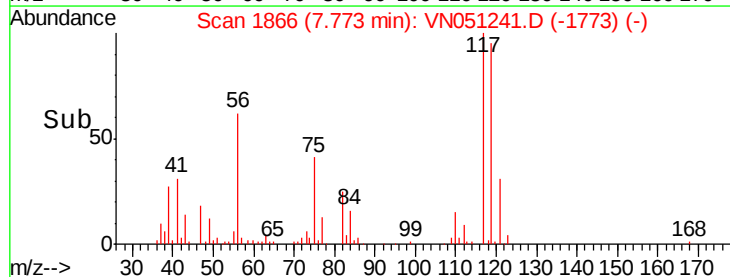
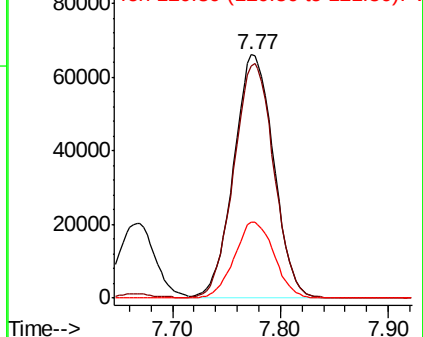


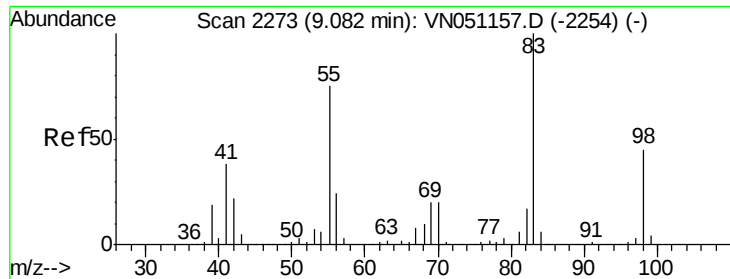
#38
Carbon Tetrachloride
Concen: 18.75 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion: 117 Resp: 170160
Ion Ratio Lower Upper
117 100
119 95.2 76.8 115.2
121 31.4 24.6 36.8



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

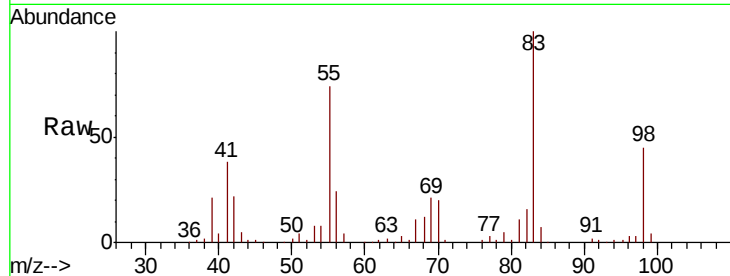




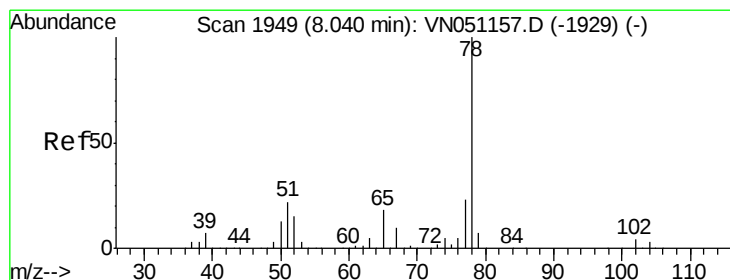
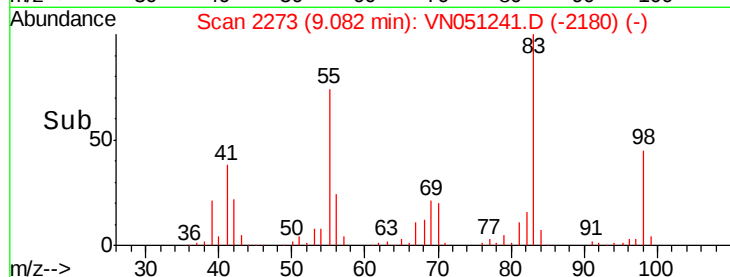
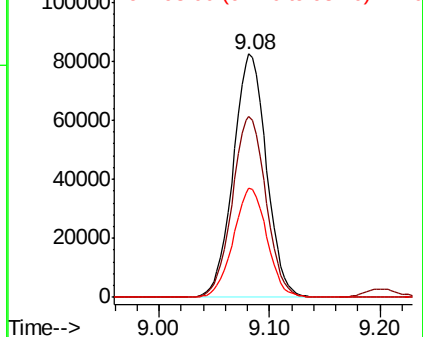
#39
Methvlcvclohexane
Concen: 16.89 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 171885
Ion Ratio Lower Upper
83 100
55 74.0 58.4 87.6
98 44.6 37.3 55.9

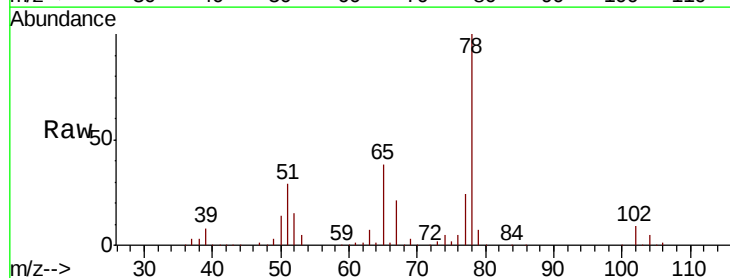


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

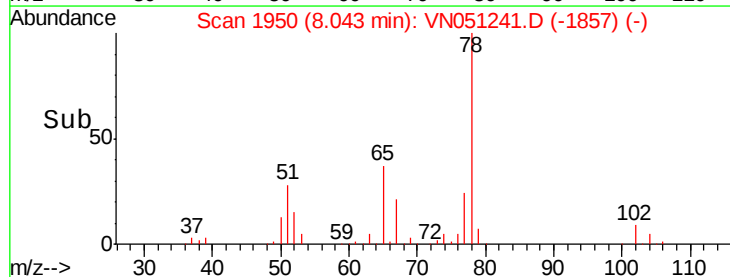
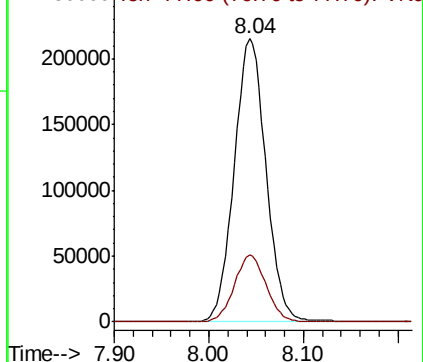


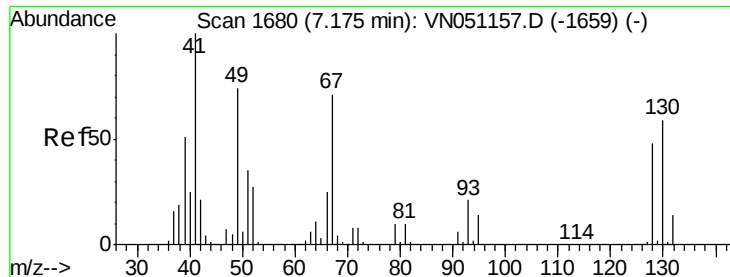
#40
Benzene
Concen: 18.08 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion: 78 Resp: 502583
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

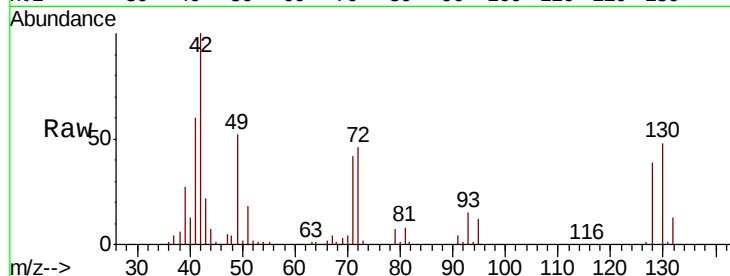




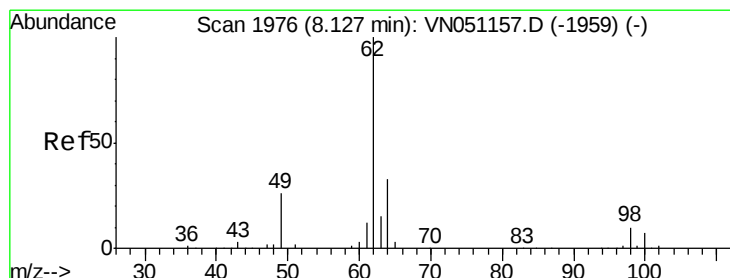
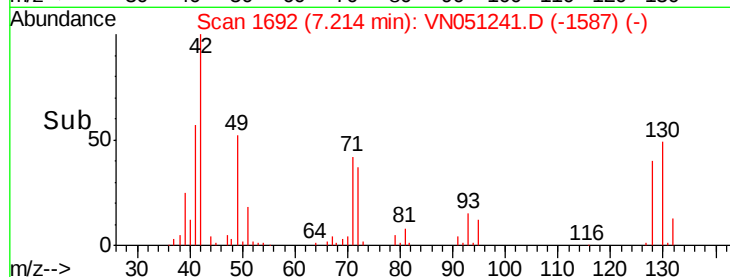
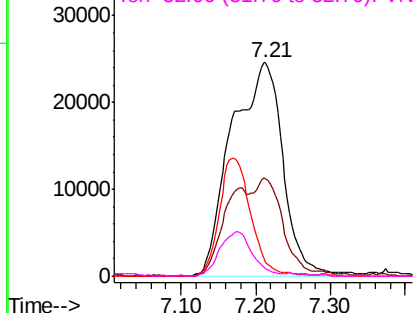
#41
Methacrylonitrile
Concen: 42.46 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 117008
Ion Ratio Lower Upper
41 100
39 0.0 51.3 76.9#
67 0.0 78.5 117.7#
52 0.0 29.0 43.6#

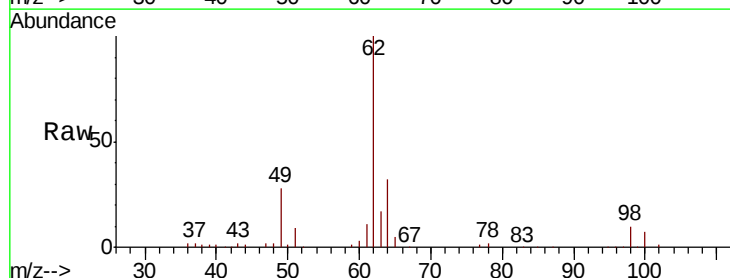


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

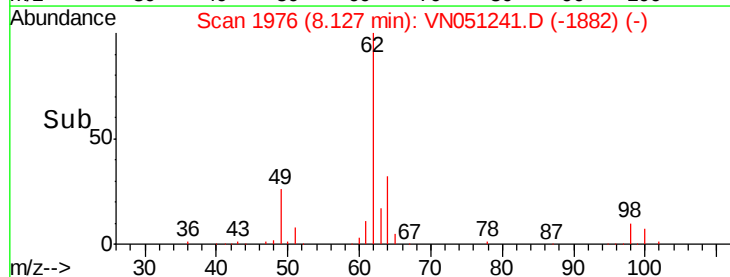
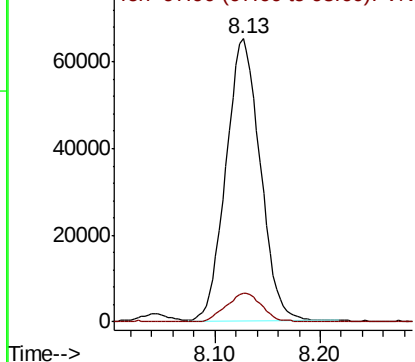


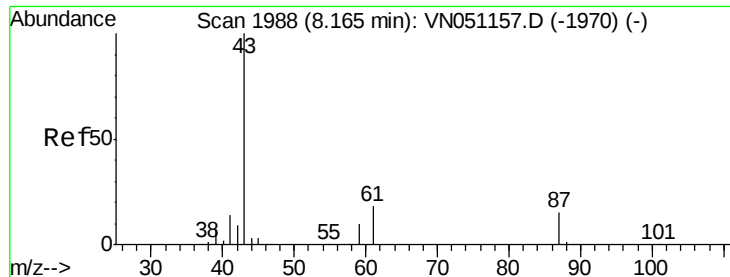
#42
1,2-Dichloroethane
Concen: 18.18 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion: 62 Resp: 147253
Ion Ratio Lower Upper
62 100
98 10.5 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



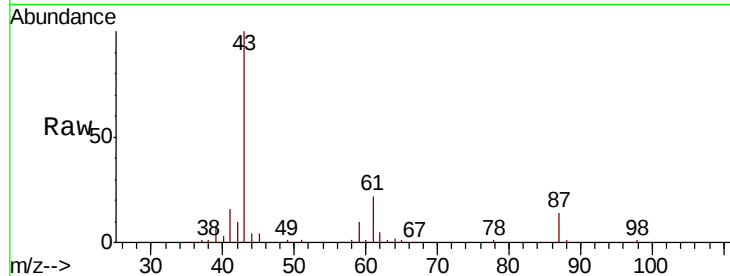


#43

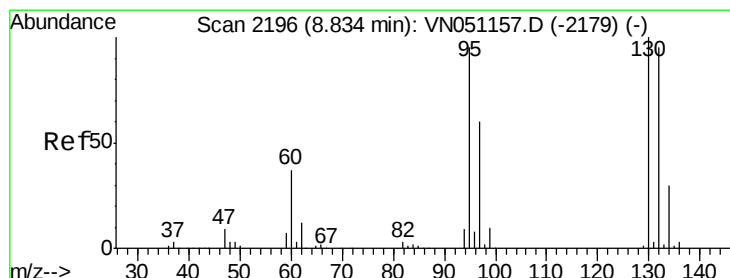
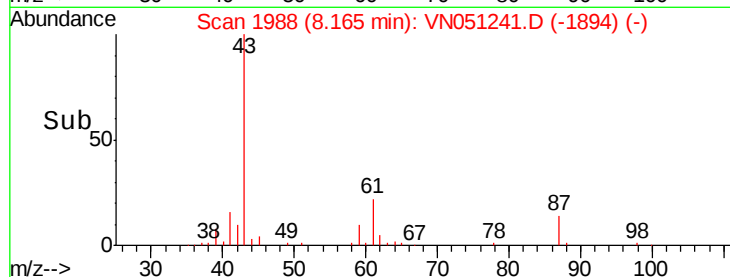
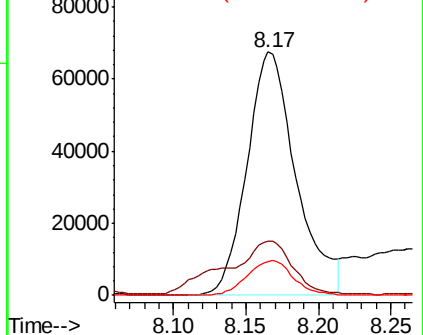
Isopropyl Acetate
 Concen: 16.91 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 159361
 Ion Ratio Lower Upper
 43 100
 61 29.6 25.0 37.6
 87 13.4 11.8 17.8



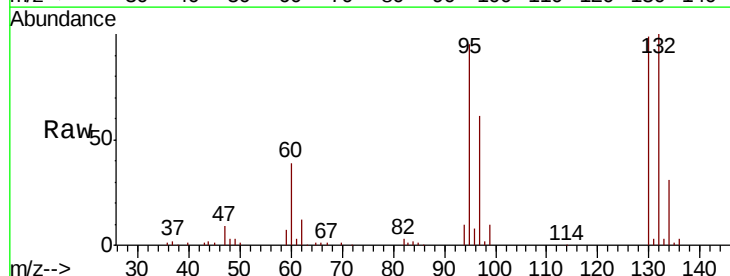
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



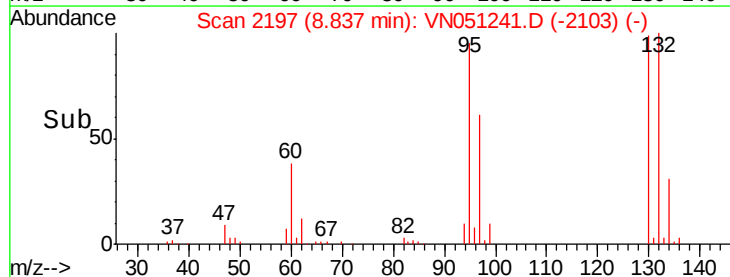
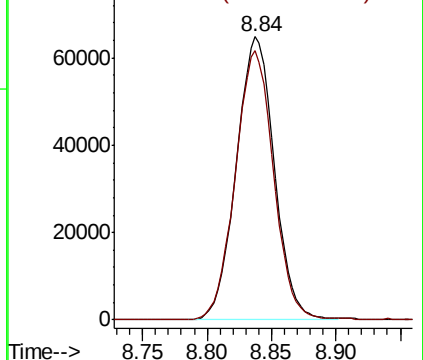
#44

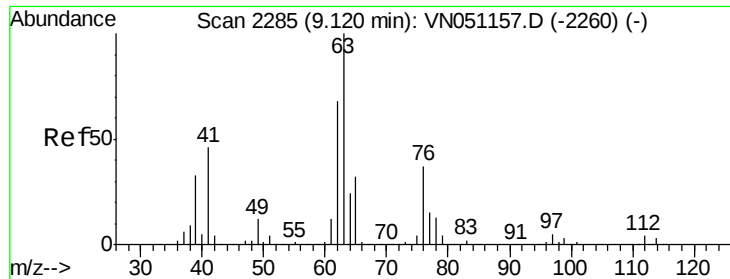
Trichloroethene
 Concen: 17.54 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion: 130 Resp: 133314
 Ion Ratio Lower Upper
 130 100
 95 95.1 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

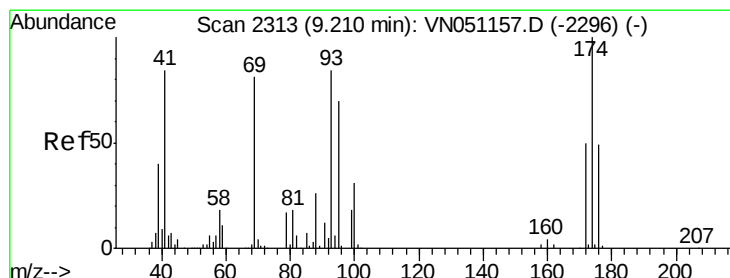
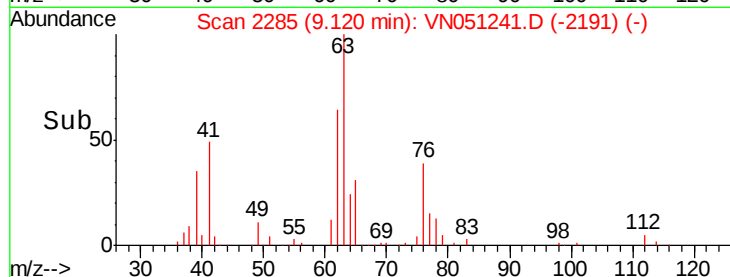
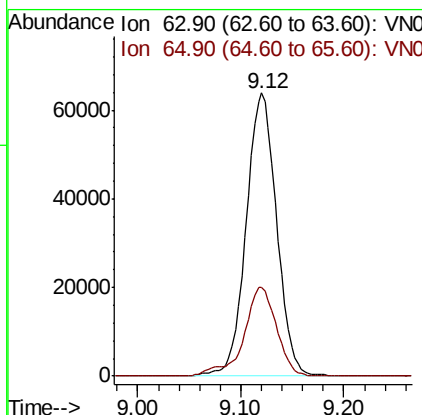
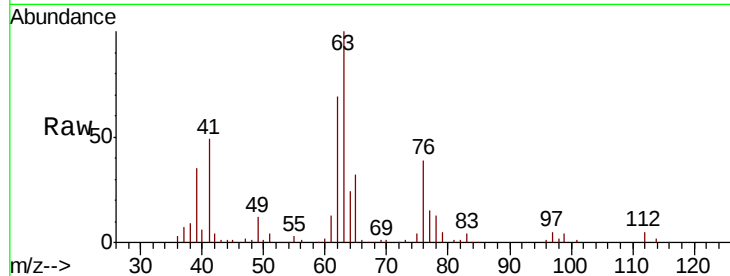




#45
 1,2-Dichloropropane
 Concen: 18.21 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

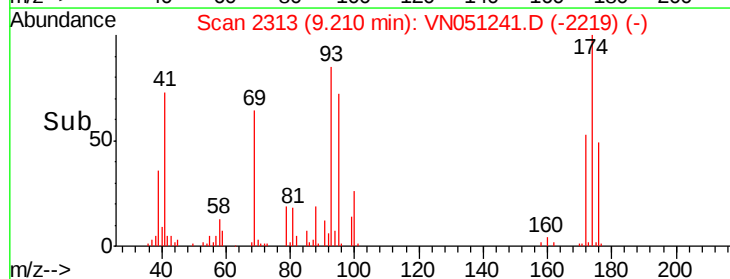
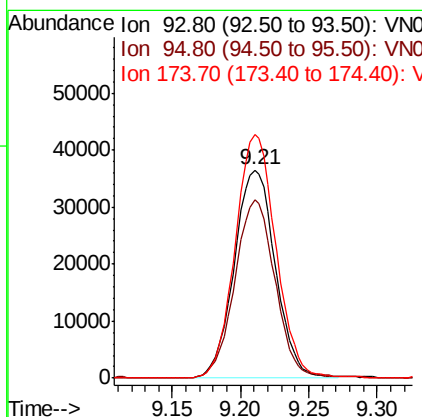
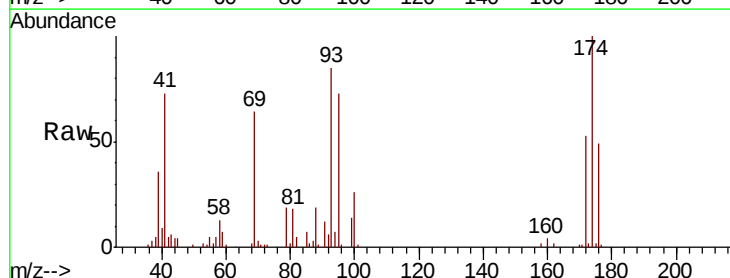
Instrument :
 MSVOA_N
 ClientSampled :

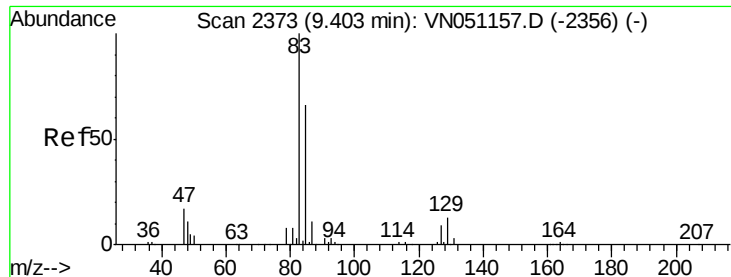
Tot Ion: 63 Resp: 130790
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.7 37.1



#46
 Dibromomethane
 Concen: 17.45 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion: 93 Resp: 76472
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.8 100.2
 174 115.8 93.3 139.9





#47

Bromodichloromethane

Concen: 18.29 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :
MSVOA_N
ClientSampled :

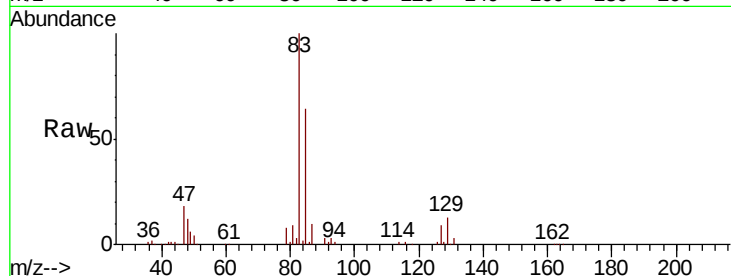
Tot Ion: 83 Resp: 162925

Ion Ratio Lower Upper

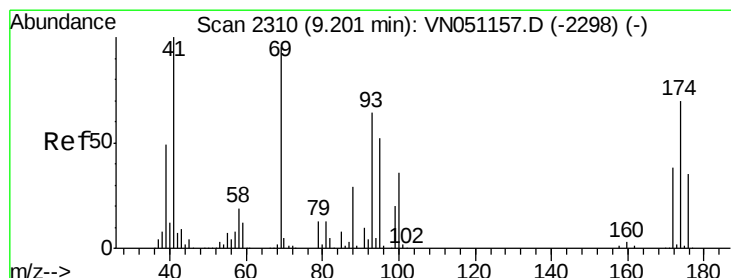
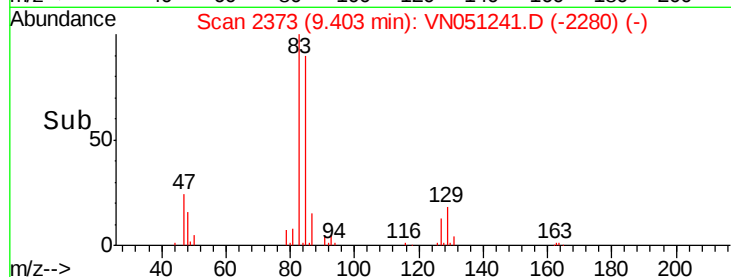
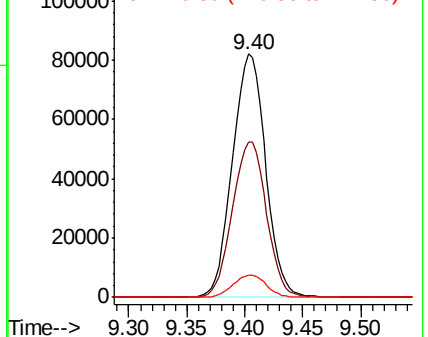
83 100

85 64.0 52.3 78.5

127 9.1 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 16.09 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

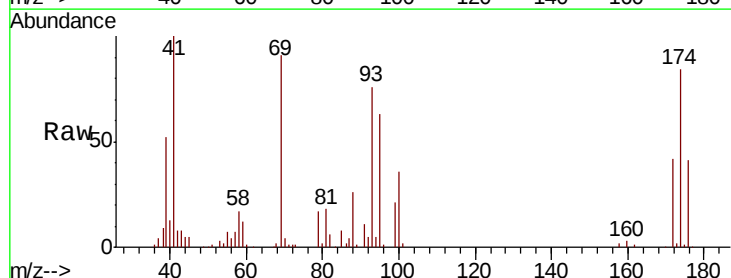
Tgt Ion: 41 Resp: 73879

Ion Ratio Lower Upper

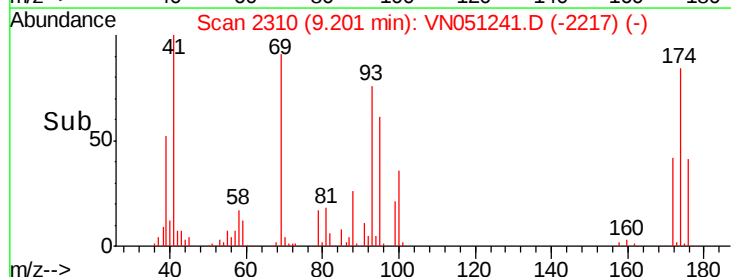
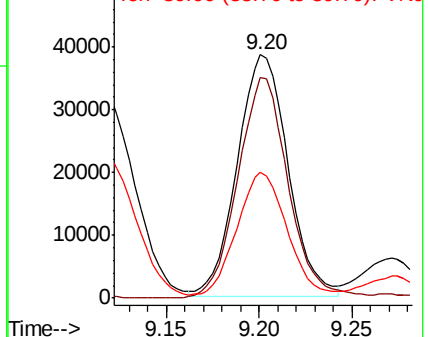
41 100

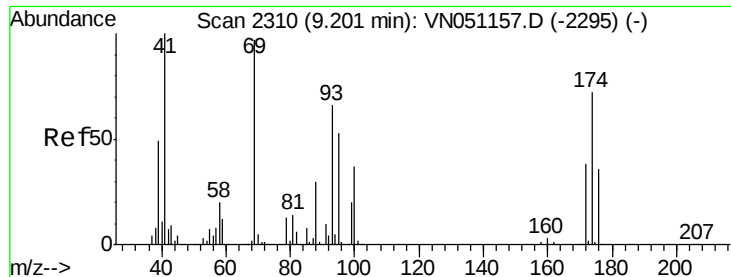
69 90.4 77.7 116.5

39 51.3 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 284.24 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :
MSVOA_N
ClientSampleId :

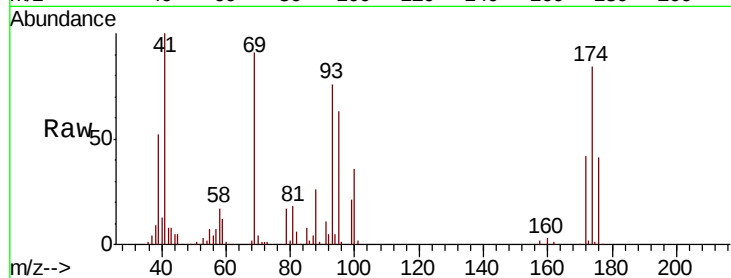
Tot Ion: 88 Resp: 20472

Ion Ratio Lower Upper

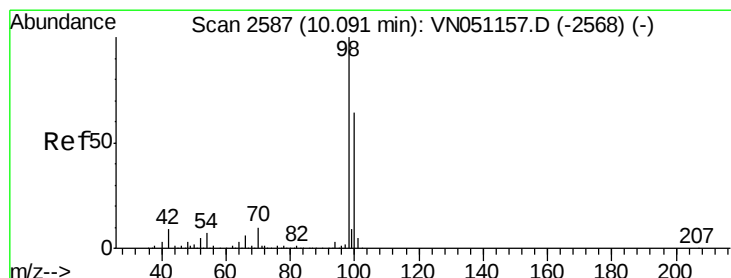
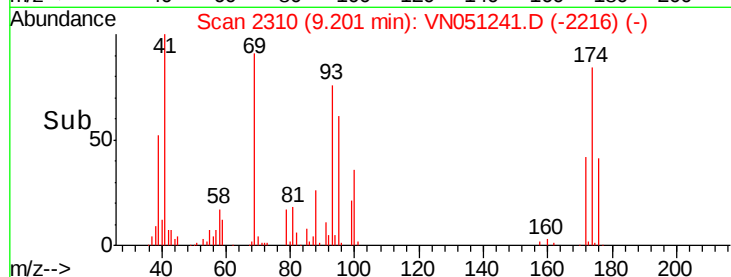
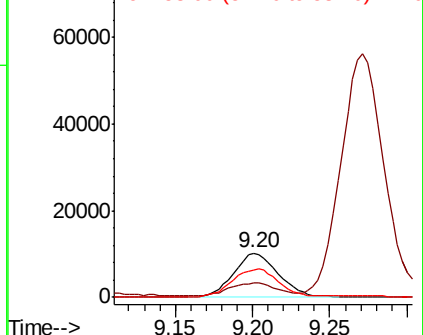
88 100

43 30.1 23.7 35.5

58 67.6 54.6 82.0



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 43.77 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051241.D

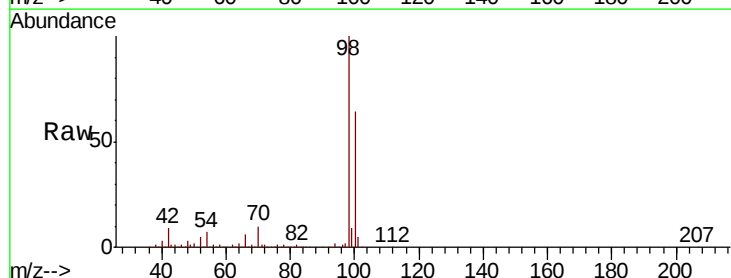
Acq: 15 Sep 2018 23:41

Tgt Ion: 98 Resp: 1048383

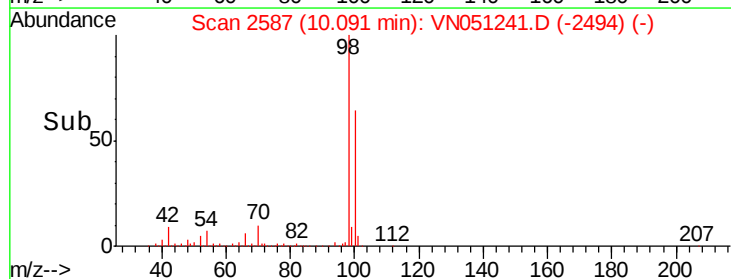
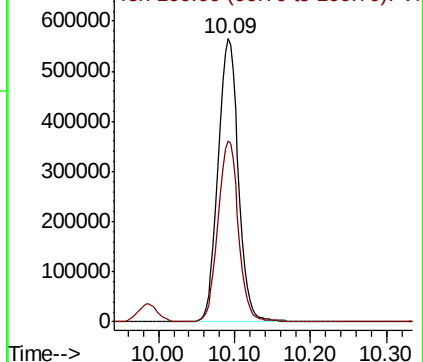
Ion Ratio Lower Upper

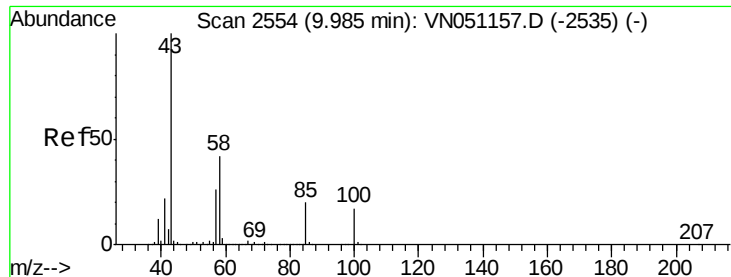
98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 75.81 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

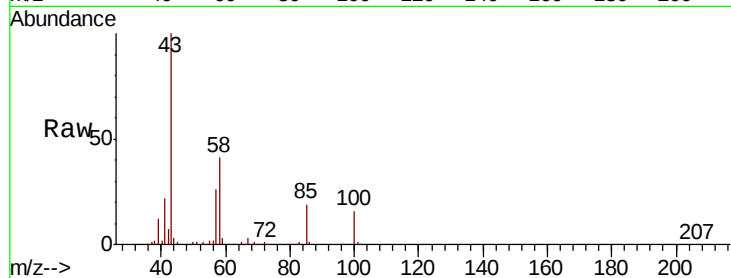
ClientSampleId :

Tot Ion: 43 Resp: 395101

Ion Ratio Lower Upper

43 100

58 41.0 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-2535) (-)

9.99

250000

200000

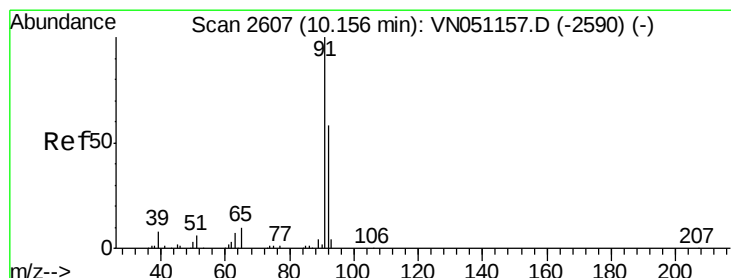
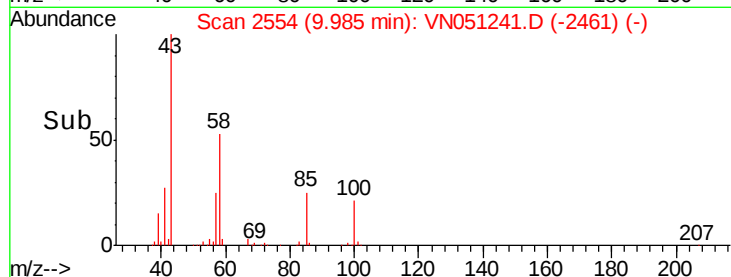
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.35 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051241.D

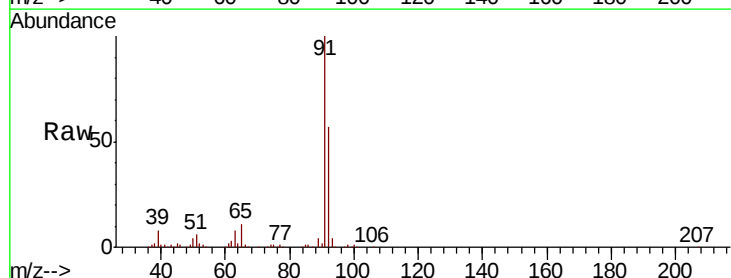
Acq: 15 Sep 2018 23:41

Tgt Ion: 92 Resp: 310923

Ion Ratio Lower Upper

92 100

91 175.3 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN051157.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051157.D (-2590) (-)

10.16

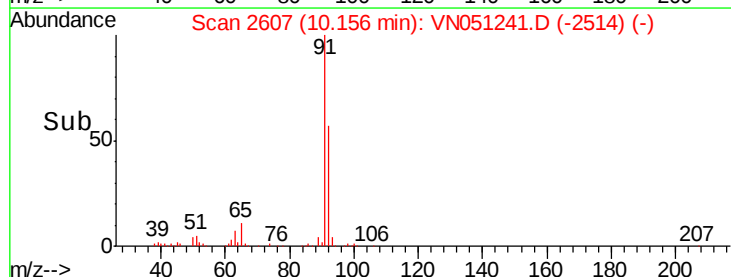
300000

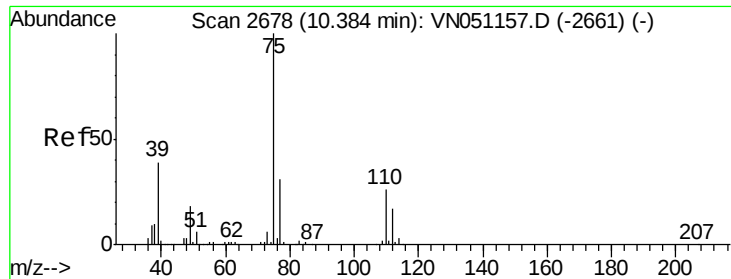
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.04 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

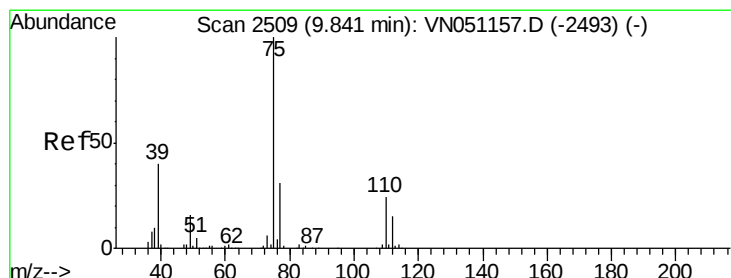
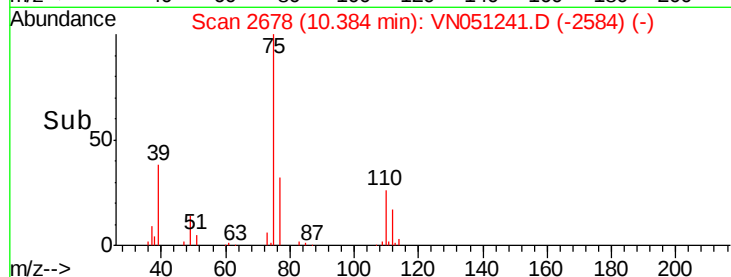
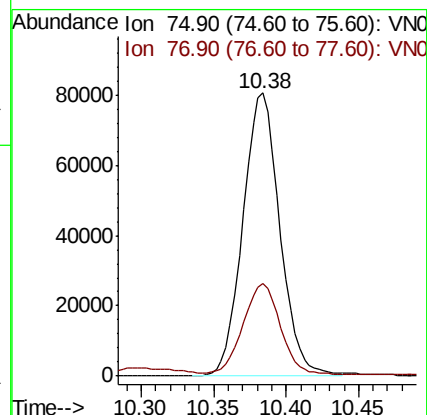
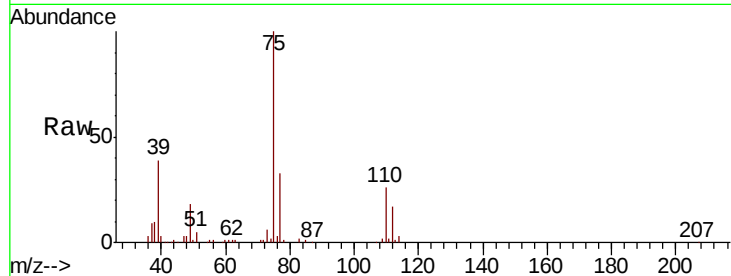
ClientSampleId :

Tot Ion: 75 Resp: 143025

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 16.82 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

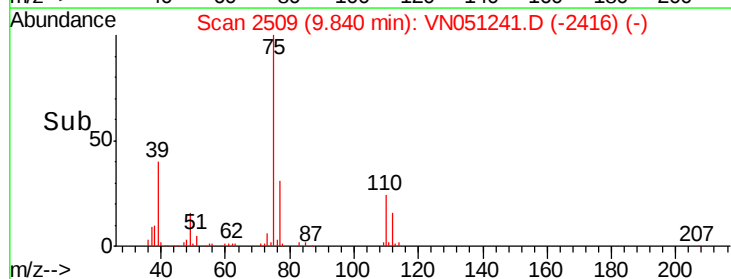
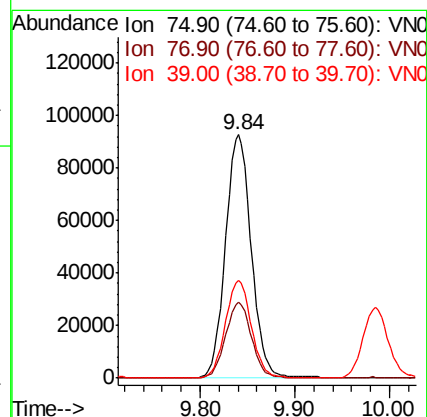
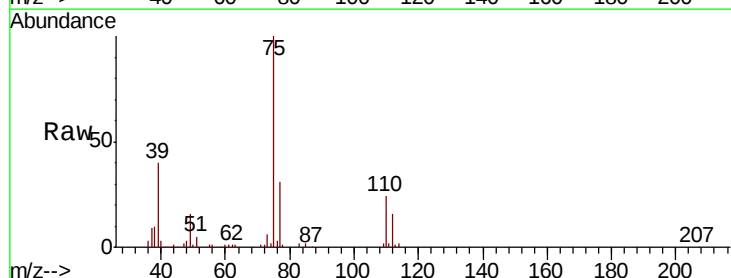
Tgt Ion: 75 Resp: 175805

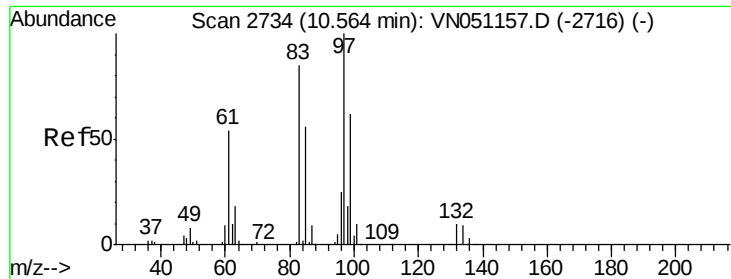
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 40.4 31.9 47.9

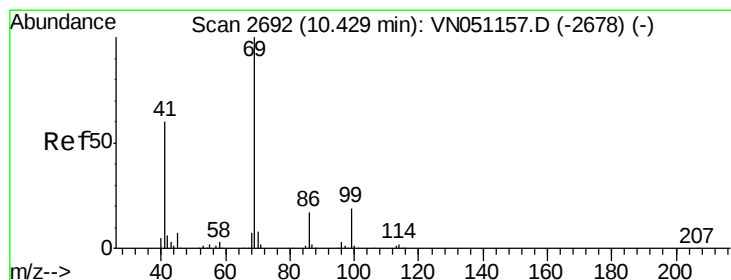
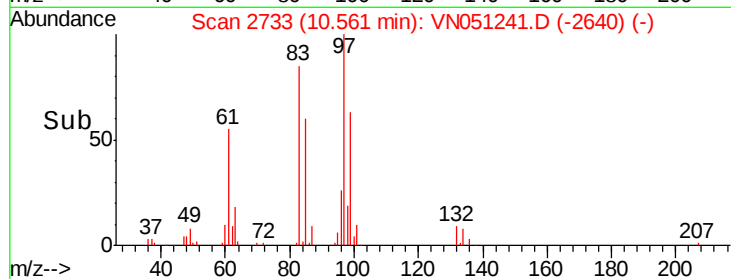
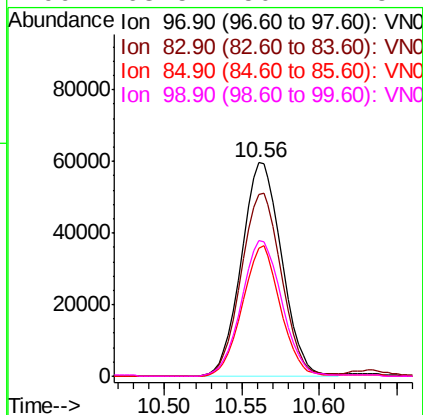
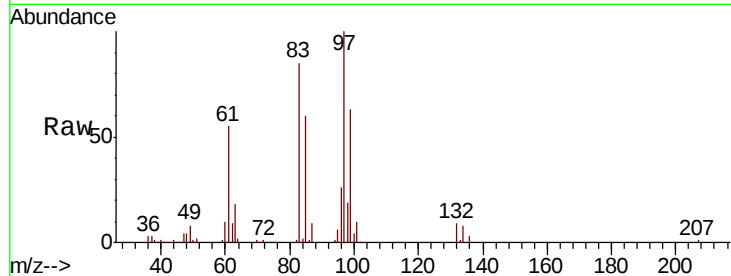




#55
 1,1,2-Trichloroethane
 Concen: 17.64 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

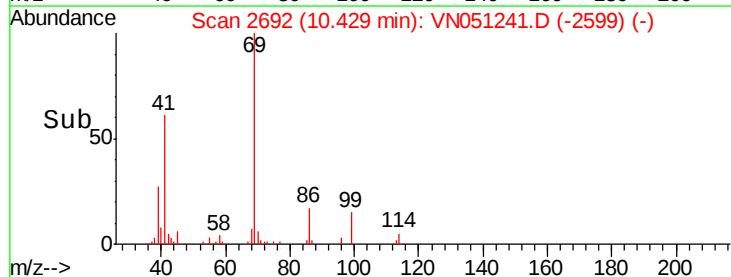
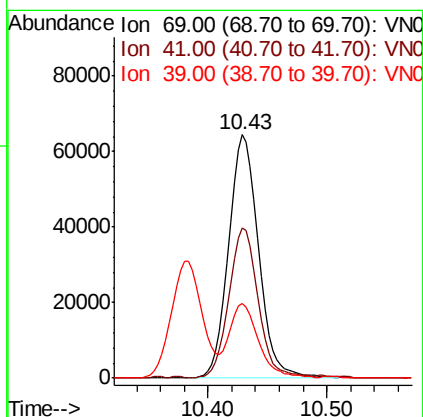
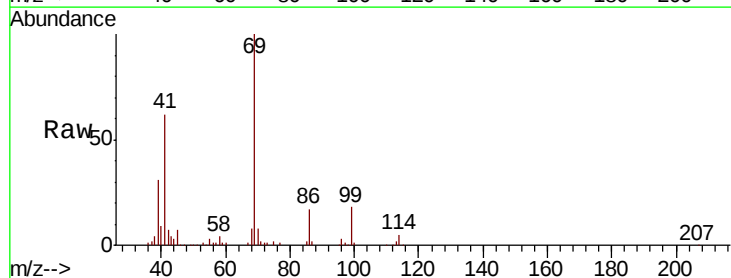
Instrument :
 MSVOA_N
 ClientSampleId :

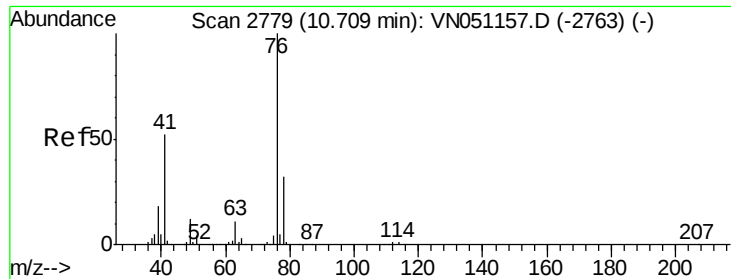
Tot Ion:	97	Resp:	108615
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.2	102.2
85	60.2	44.8	67.2
99	63.5	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 15.40 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion:	69	Resp:	112495
Ion	Ratio	Lower	Upper
69	100		
41	59.6	47.8	71.8
39	29.4	23.0	34.4





#57

1,3-Dichloropropane

Concen: 17.30 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

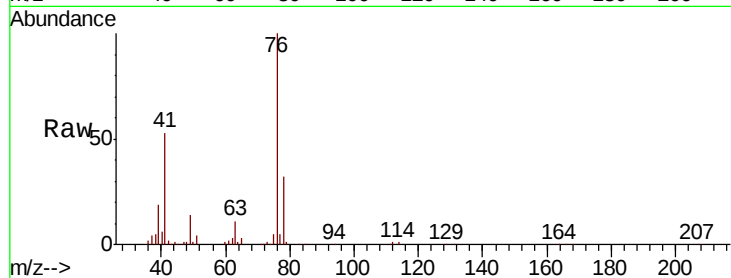
ClientSampled :

Tot Ion: 76 Resp: 176540

Ion Ratio Lower Upper

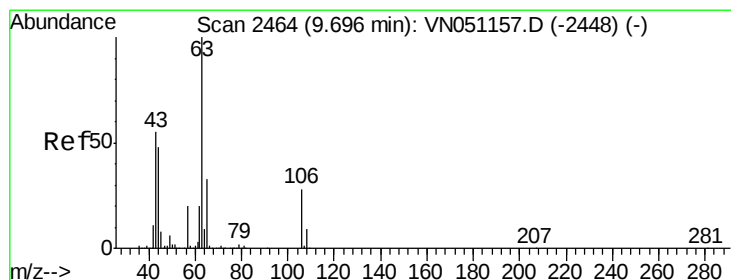
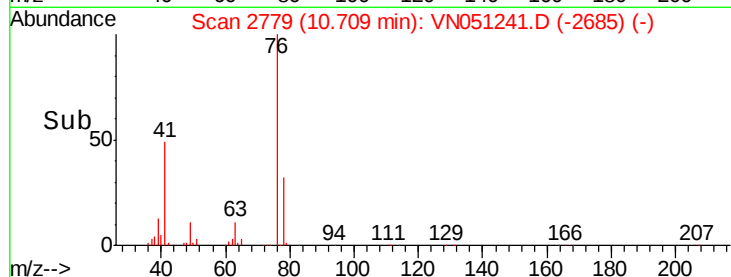
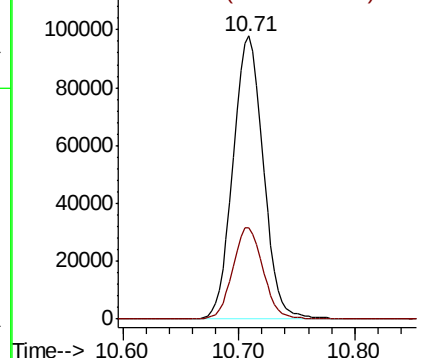
76 100

78 32.2 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: 74.37 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051241.D

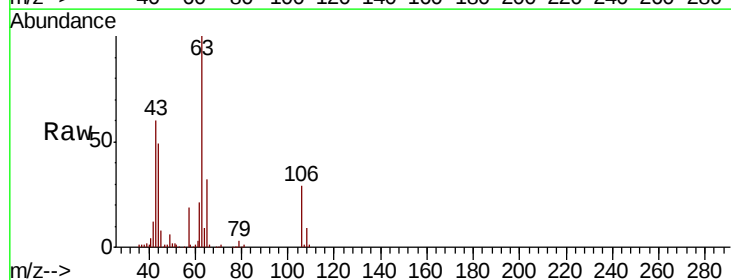
Acq: 15 Sep 2018 23:41

Tgt Ion: 63 Resp: 218719

Ion Ratio Lower Upper

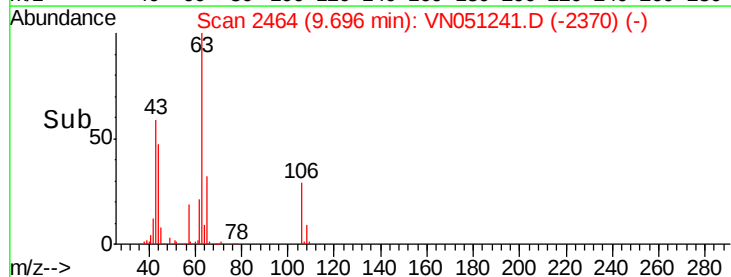
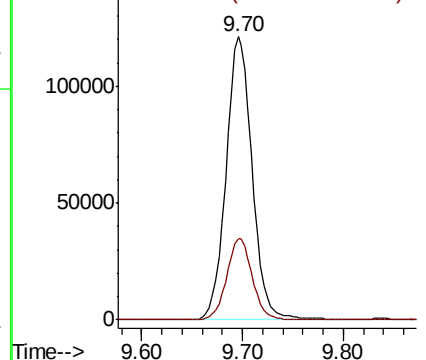
63 100

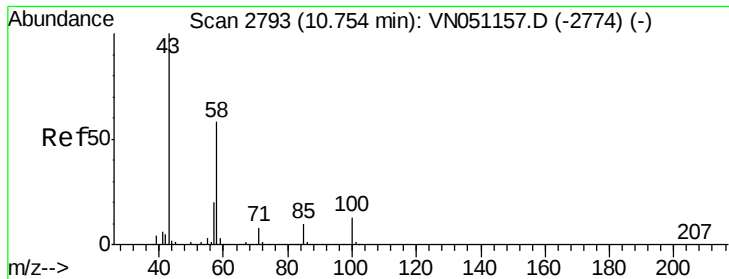
106 28.2 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

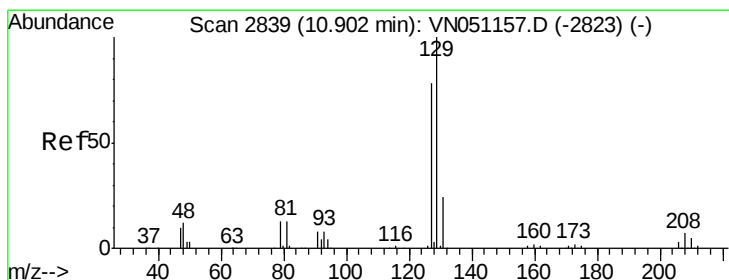
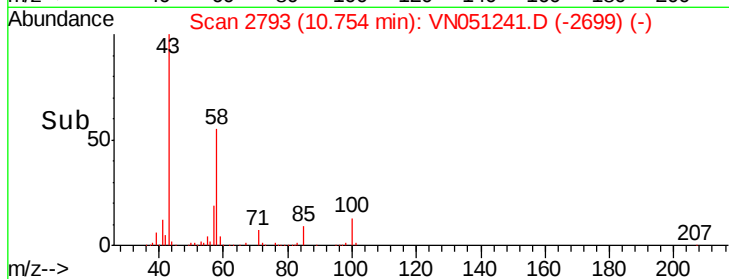
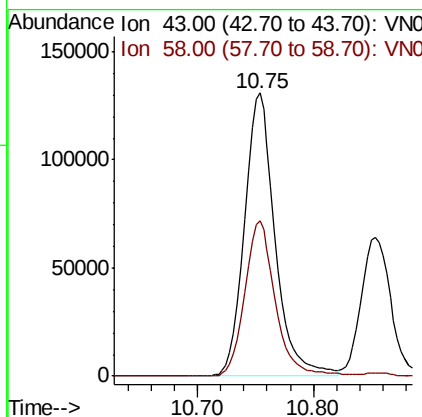
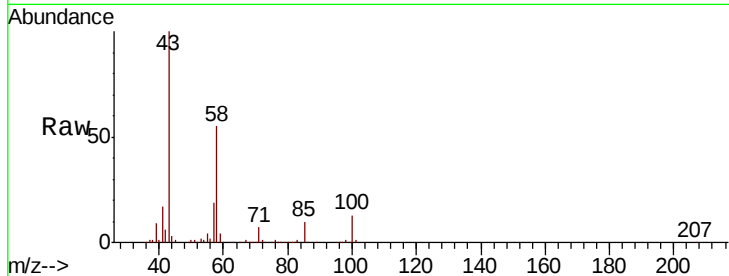




#59
2-Hexanone
Concen: 67.55 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

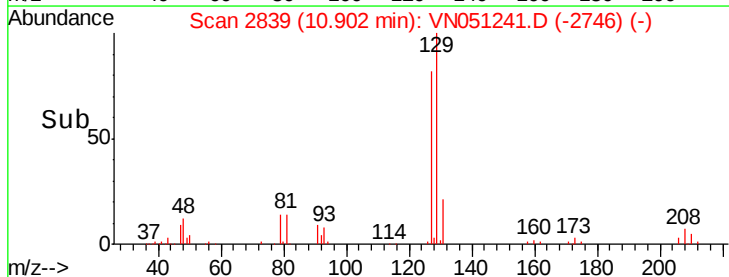
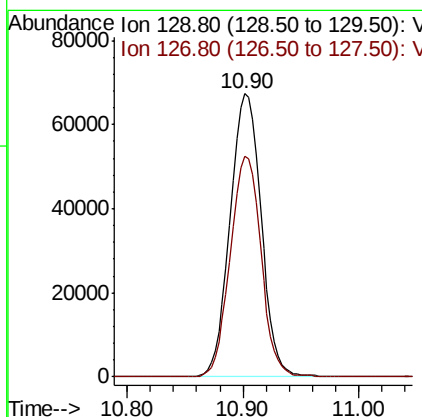
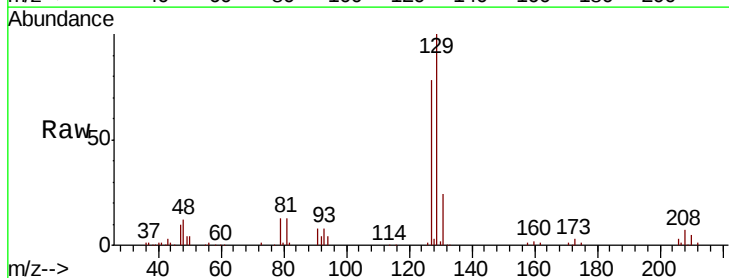
Instrument :
MSVOA_N
ClientSampled :

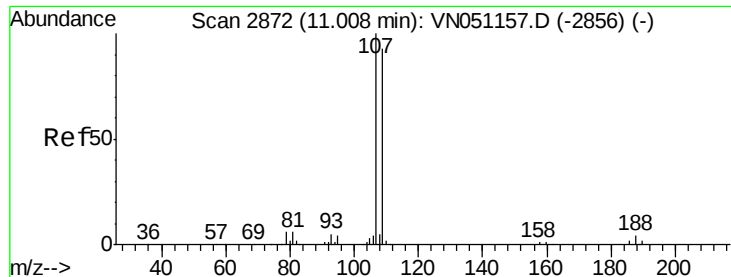
Tot Ion: 43 Resp: 238756
Ion Ratio Lower Upper
43 100
58 55.1 29.3 88.0



#60
Dibromochloromethane
Concen: 18.01 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion: 129 Resp: 124979
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.15 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

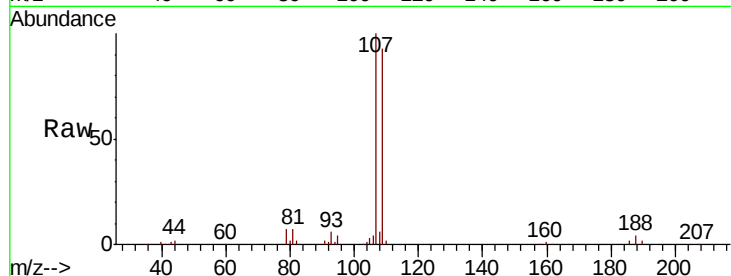
ClientSampleId :

Tot Ion:107 Resp: 103172

Ion Ratio Lower Upper

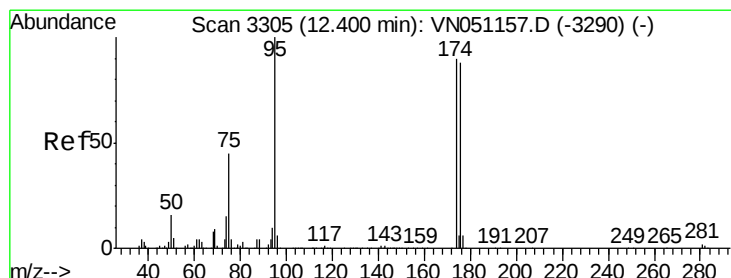
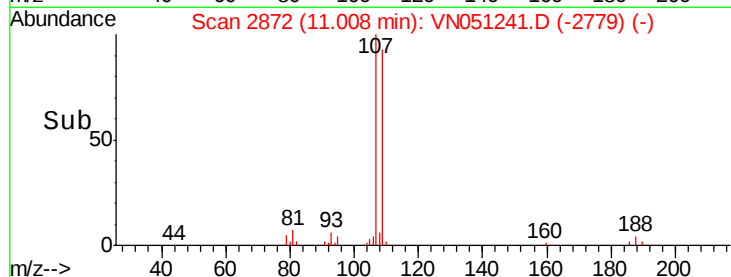
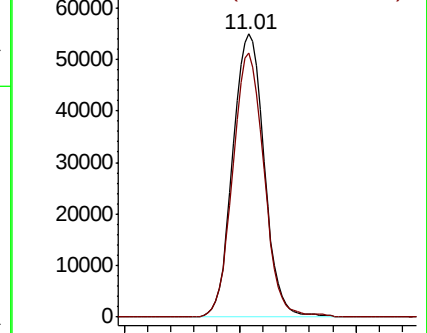
107 100

109 92.7 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.42 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

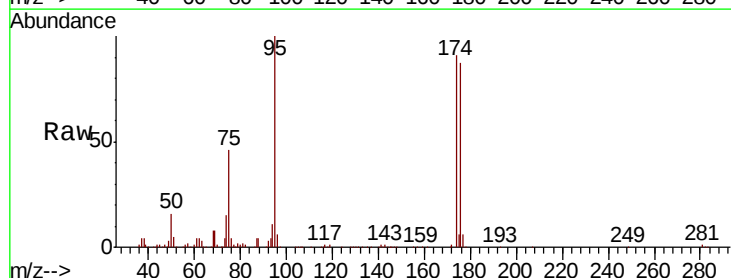
Tgt Ion: 95 Resp: 320284

Ion Ratio Lower Upper

95 100

174 92.7 0.0 184.8

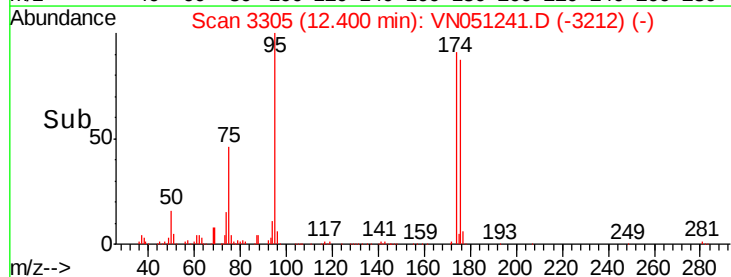
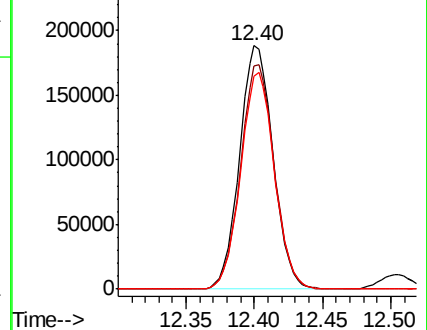
176 89.7 0.0 178.6

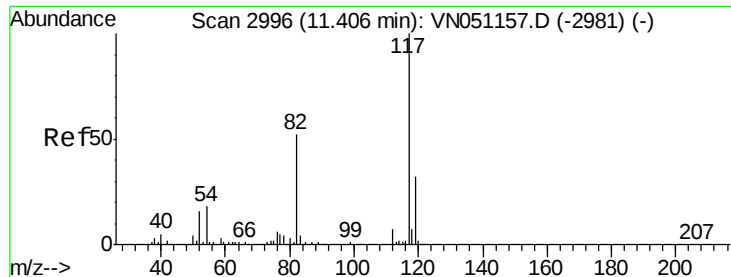


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

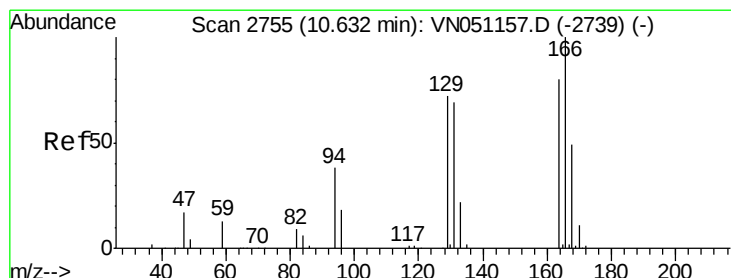
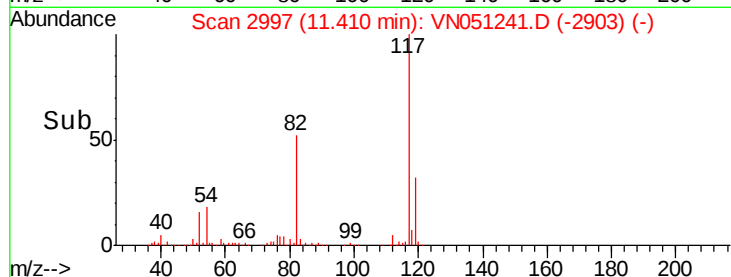
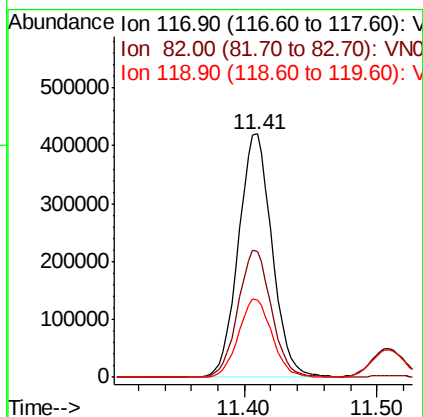
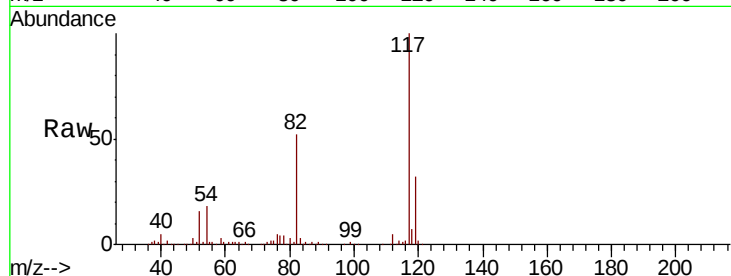




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

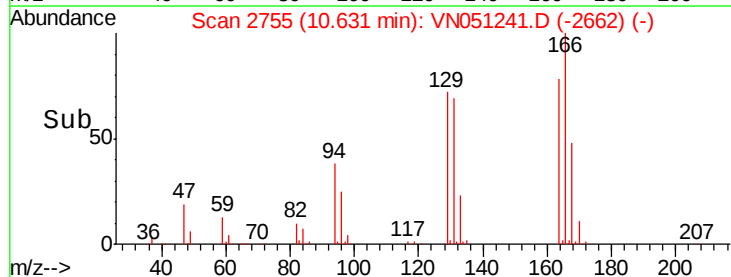
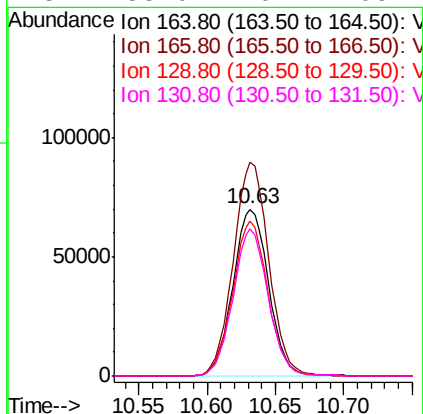
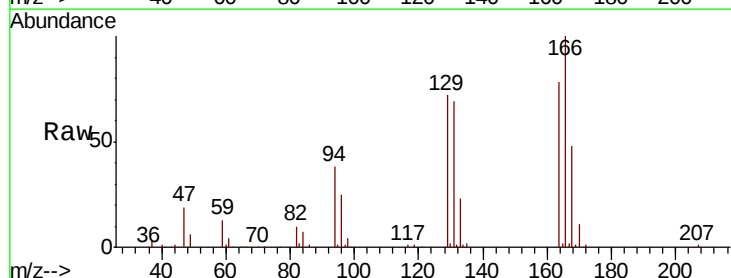
Instrument :
MSVOA_N
ClientSampled :

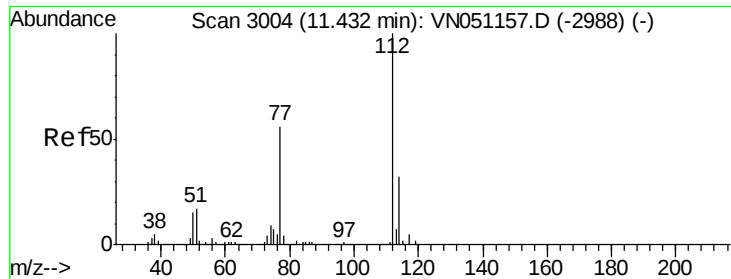
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.8	62.6
119	31.9	26.2	39.2



#64
Tetrachloroethene
Concen: 18.82 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.3	151.9
129	92.6	72.2	108.2
131	88.0	70.2	105.2





#65

Chlorobenzene

Concen: 17.78 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

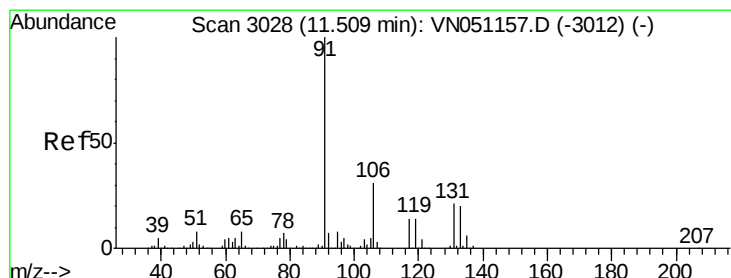
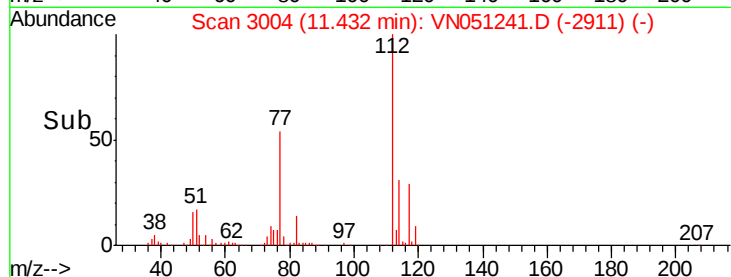
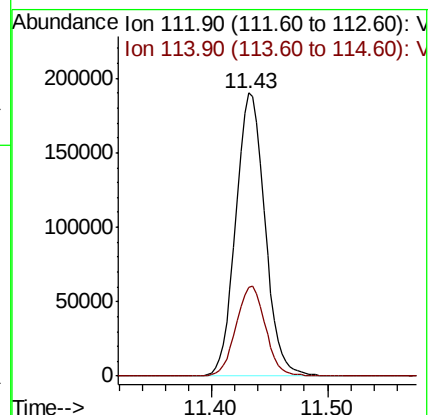
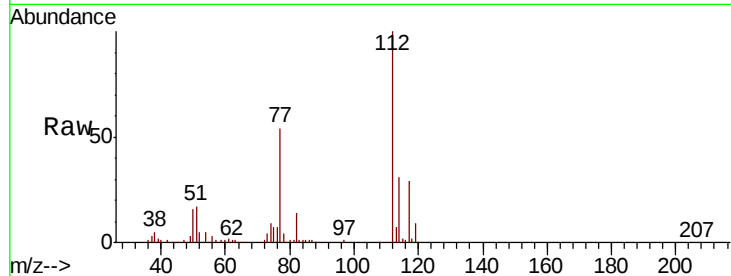
ClientSampleId :

Tot Ion:112 Resp: 331653

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.75 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

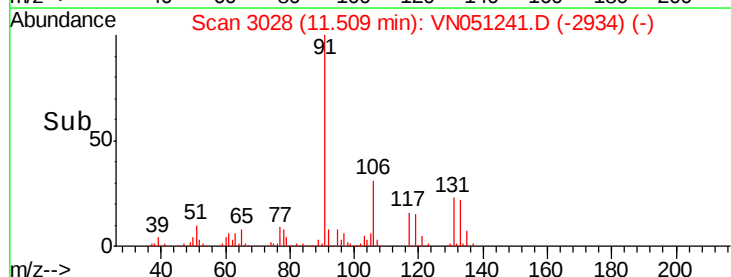
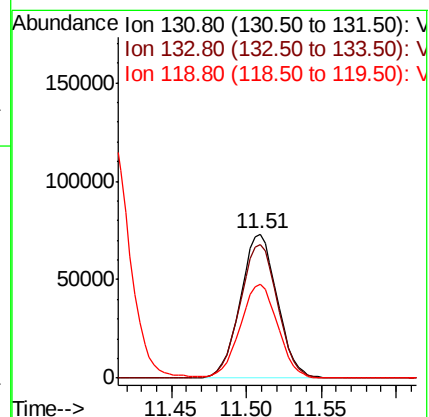
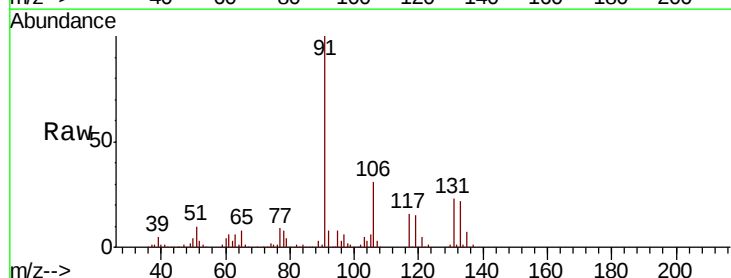
Tgt Ion:131 Resp: 125915

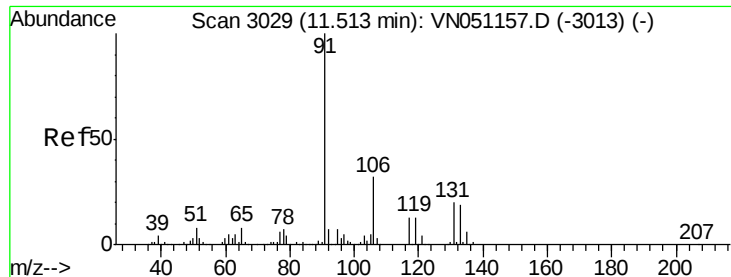
Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.6

119 66.3 33.2 99.6

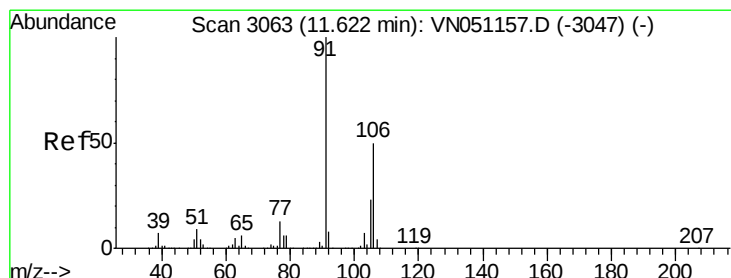
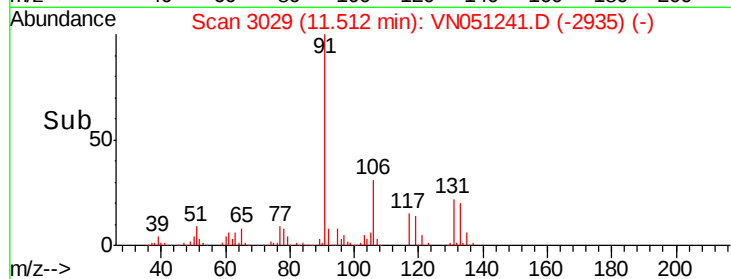
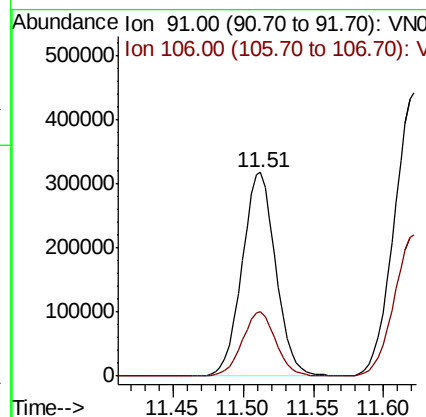
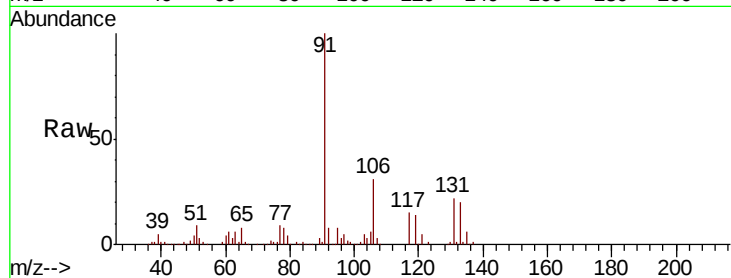




#67
Ethyl Benzene
Concen: 17.58 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

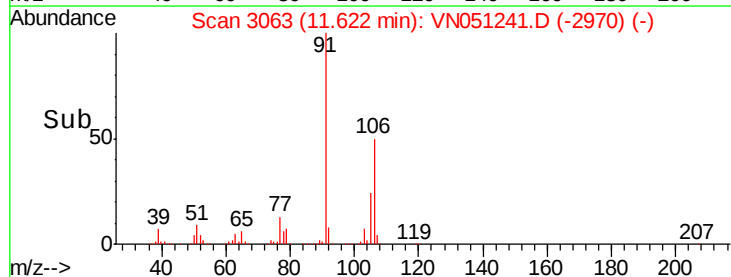
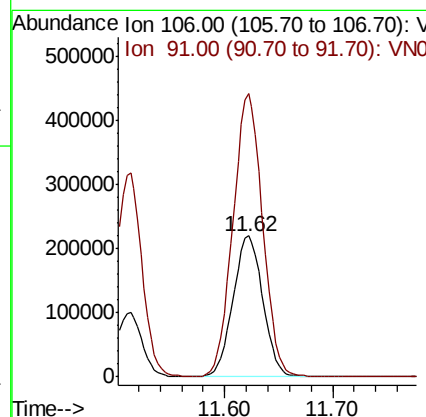
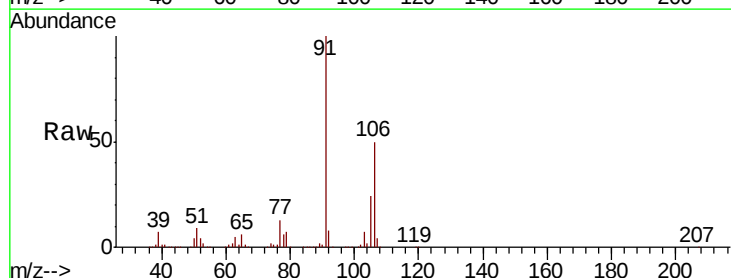
Instrument :
MSVOA_N
ClientSampled :

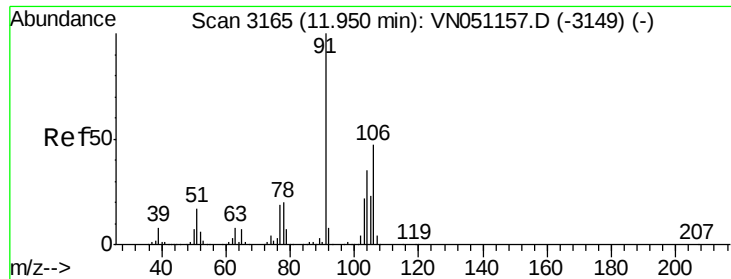
Tot Ion: 91 Resp: 531187
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 36.57 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion: 106 Resp: 424558
Ion Ratio Lower Upper
106 100
91 198.5 159.8 239.6

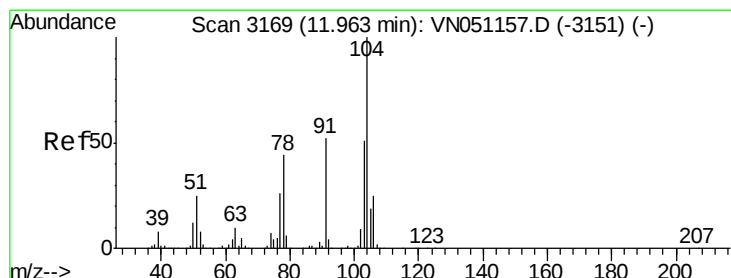
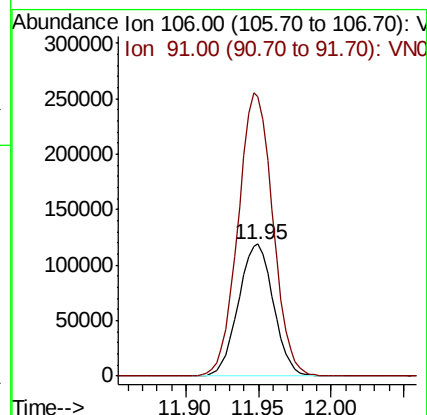
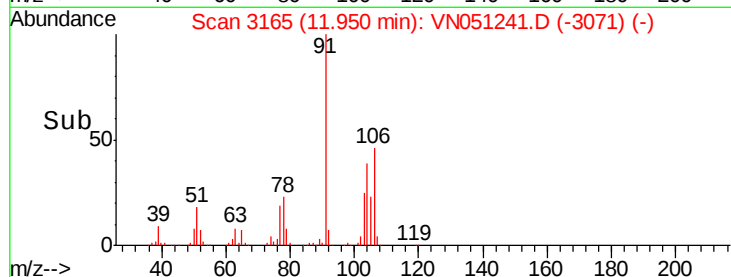
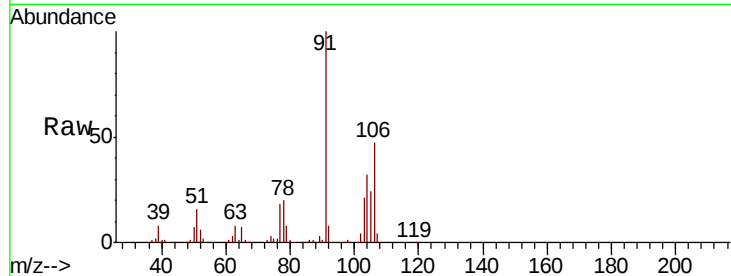




#69
o-Xylene
Concen: 17.79 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

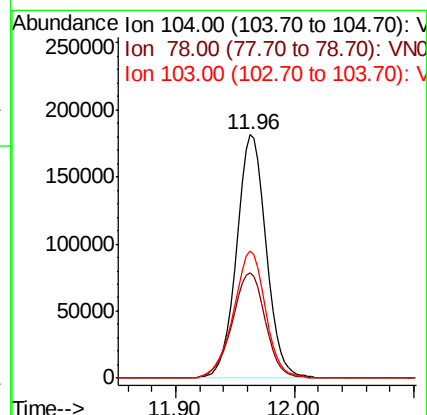
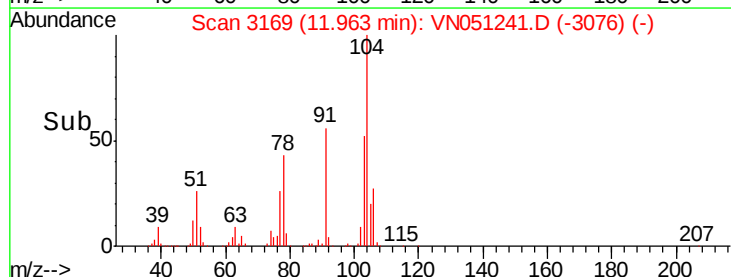
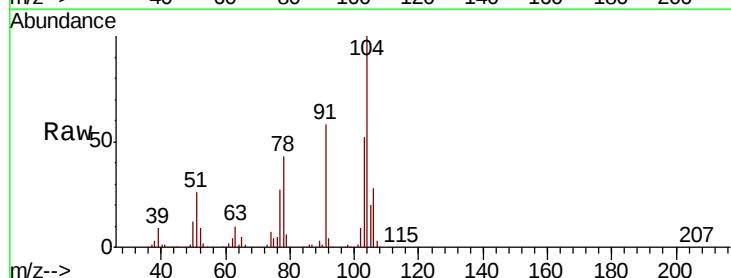
Instrument :
MSVOA_N
ClientSampled :

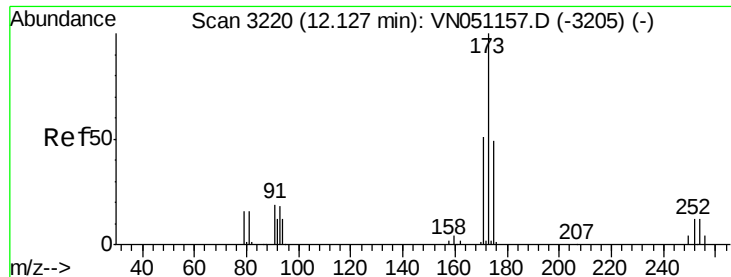
Tot Ion:106 Resp: 200019
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1



#70
Styrene
Concen: 17.93 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion:104 Resp: 312606
Ion Ratio Lower Upper
104 100
78 48.5 37.7 56.5
103 56.6 44.6 67.0





#71

Bromoform

Concen: 17.01 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampled :

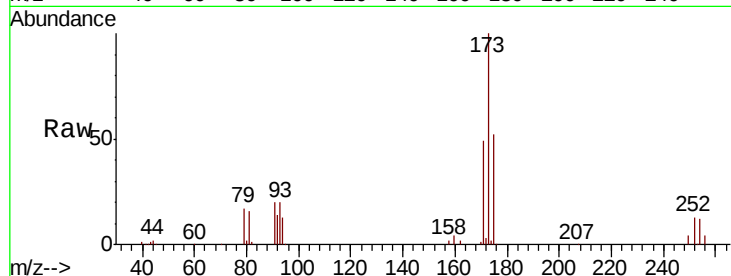
Tot Ion:173 Resp: 80428

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

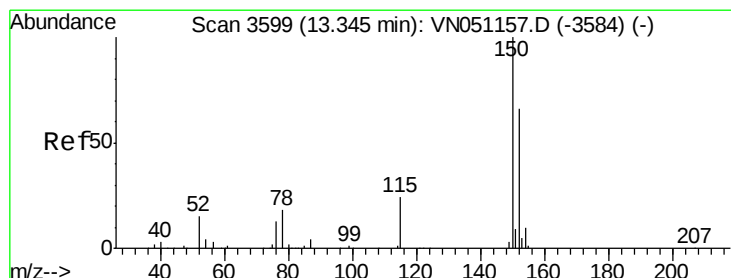
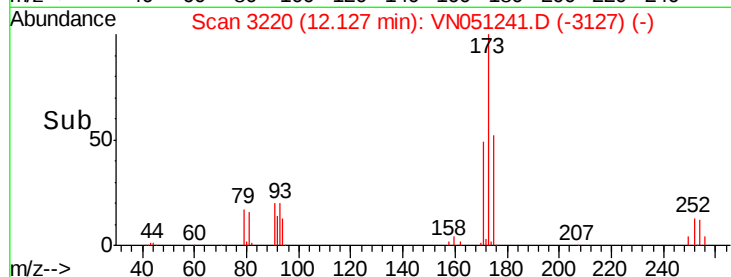
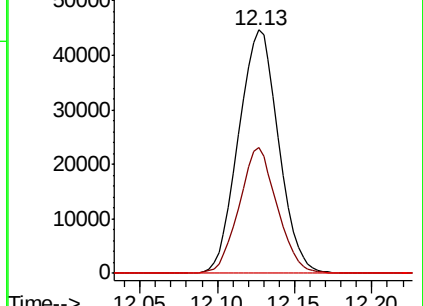
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

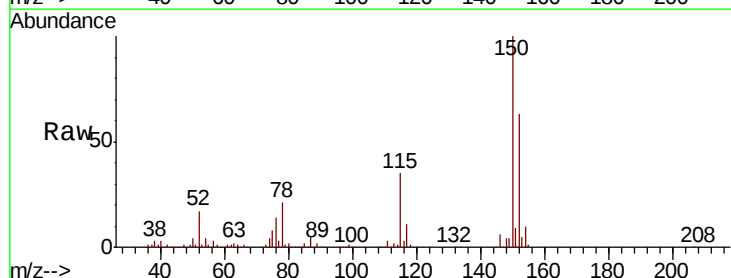
Tgt Ion:152 Resp: 339352

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

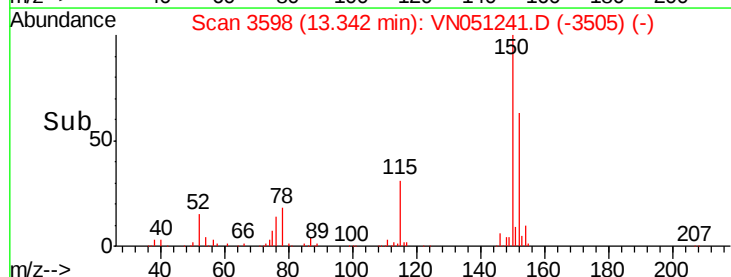
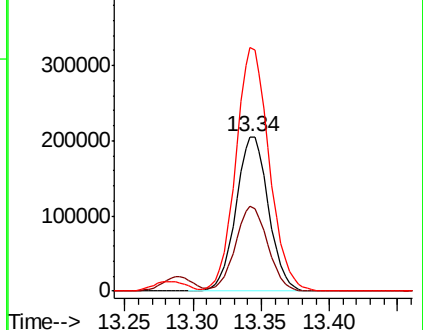
150 162.2 0.0 349.0

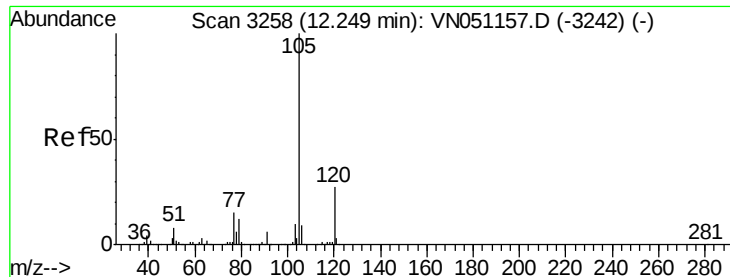


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.39 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

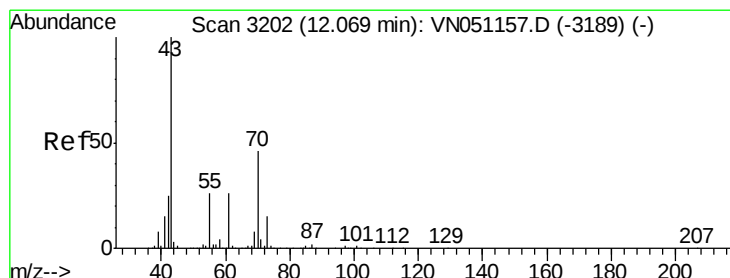
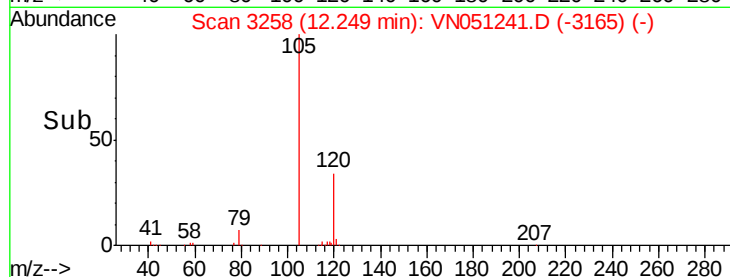
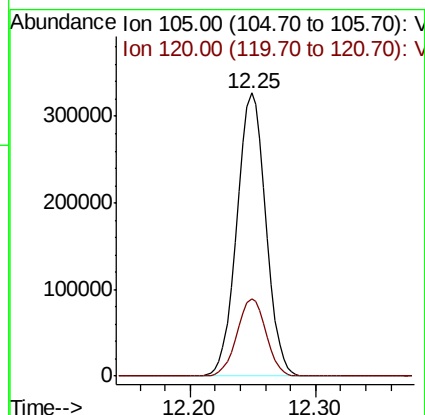
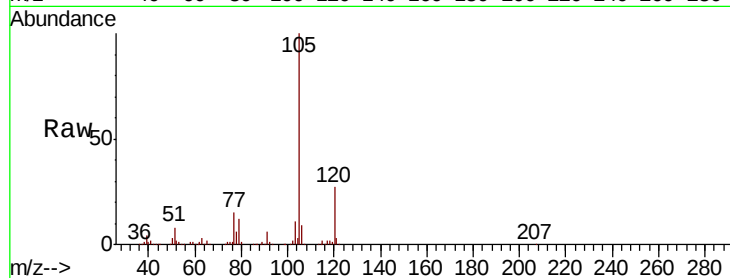
ClientSampleId :

Tot Ion:105 Resp: 523229

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 14.18 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Tgt Ion: 43 Resp: 101551

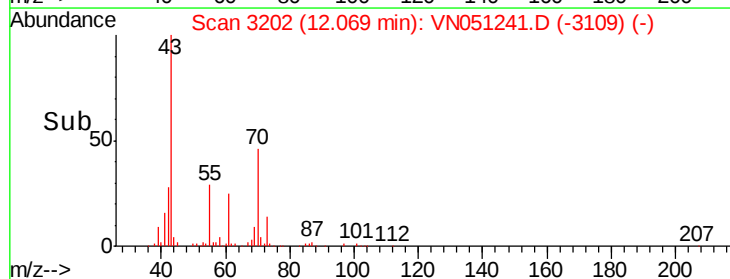
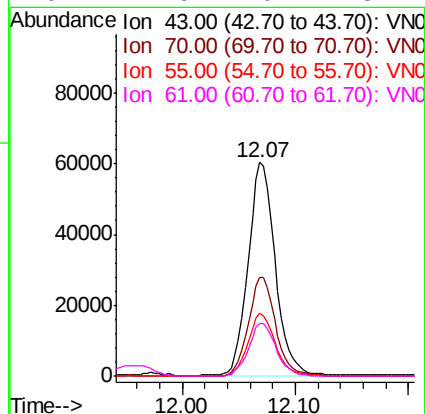
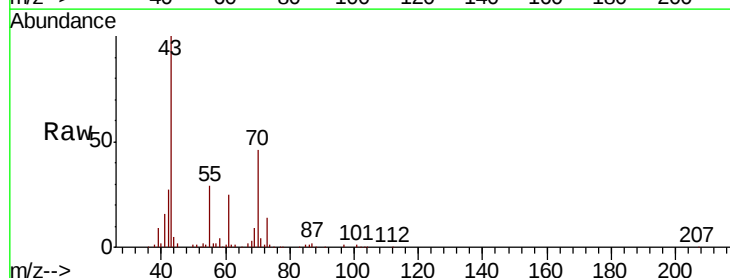
Ion Ratio Lower Upper

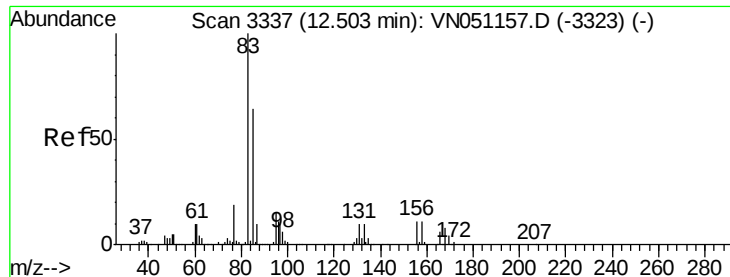
43 100

70 45.8 37.0 55.4

55 29.3 21.3 31.9

61 24.5 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.85 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampleId :

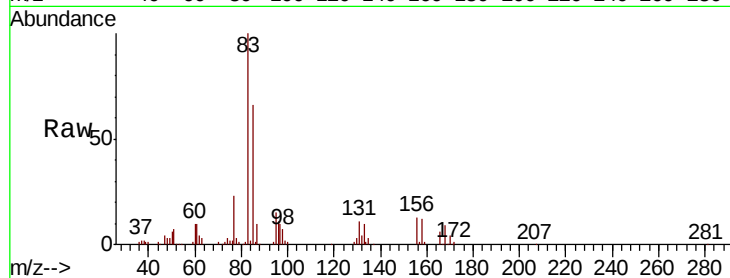
Tot Ion: 83 Resp: 123232

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

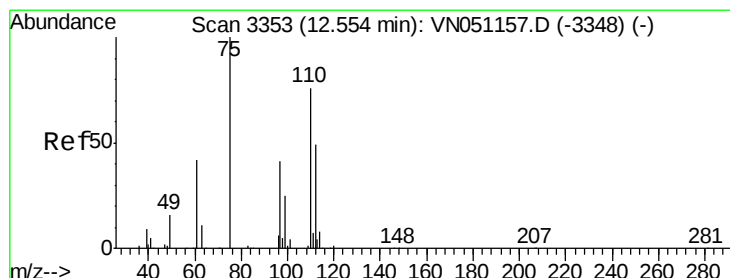
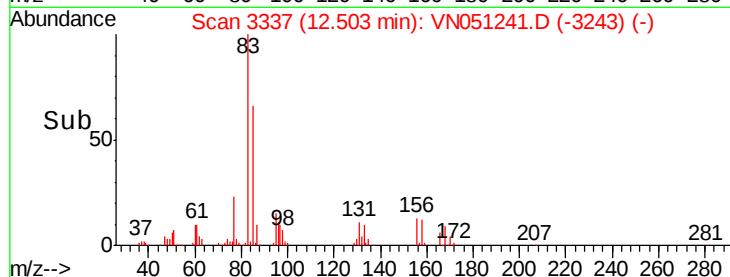
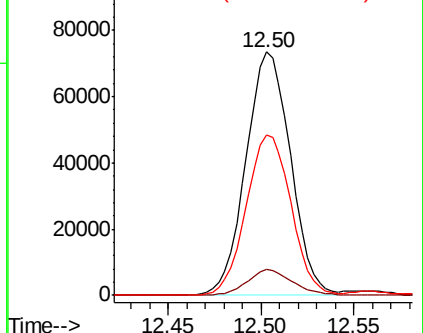
85 66.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN051241.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051241.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051241.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 25.17 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051241.D

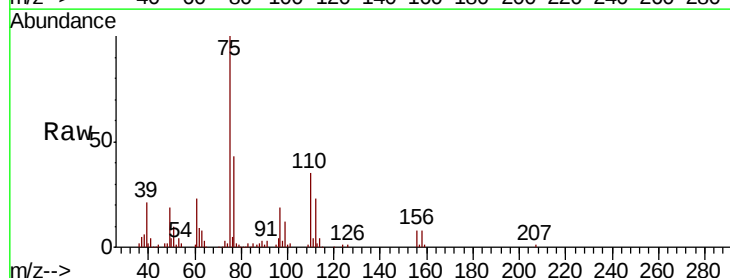
Acq: 15 Sep 2018 23:41

Tgt Ion: 75 Resp: 136321

Ion Ratio Lower Upper

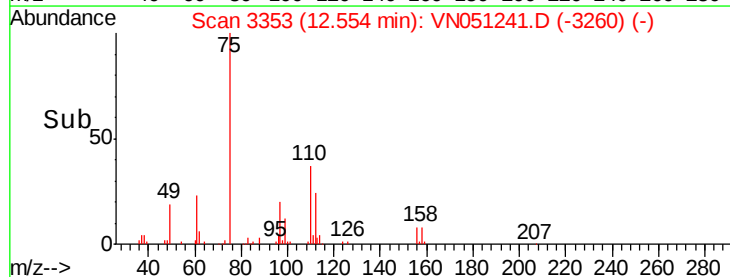
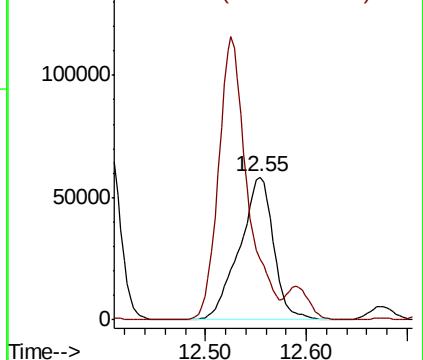
75 100

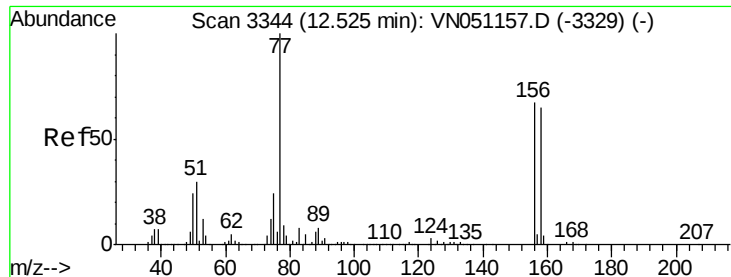
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051241.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051241.D (-3260) (-)





#77

Bromobenzene

Concen: 17.62 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampled :

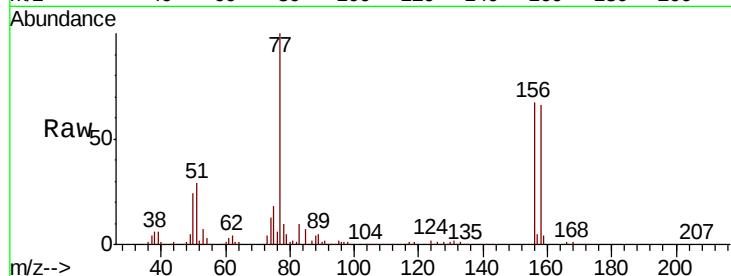
Tot Ion:156 Resp: 134718

Ion Ratio Lower Upper

156 100

77 171.7 87.5 262.6

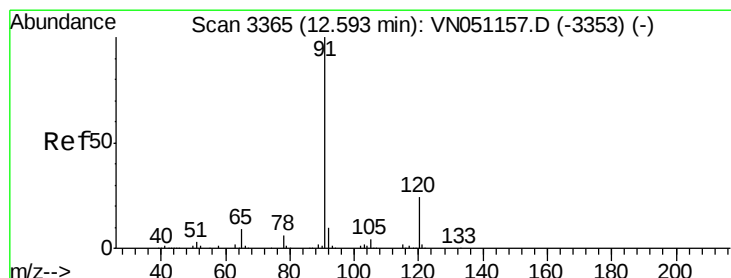
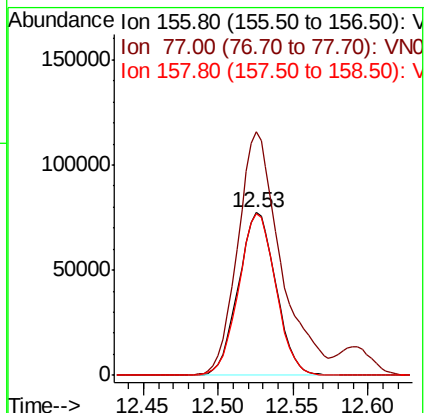
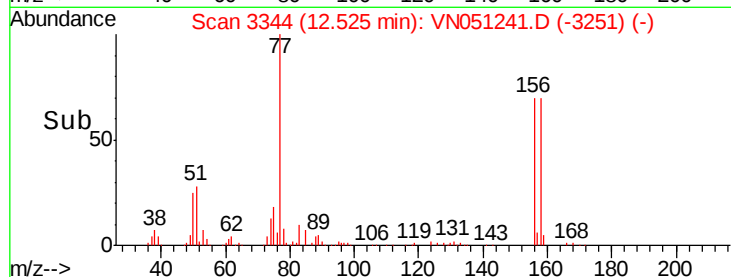
158 97.9 49.0 147.2



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: 18.06 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051241.D

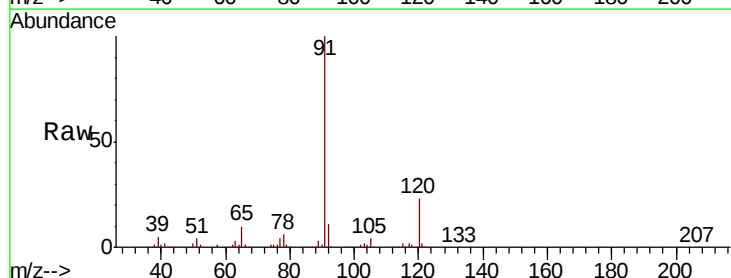
Acq: 15 Sep 2018 23:41

Tgt Ion: 91 Resp: 565088

Ion Ratio Lower Upper

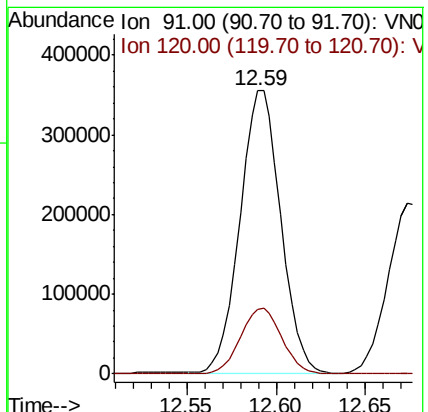
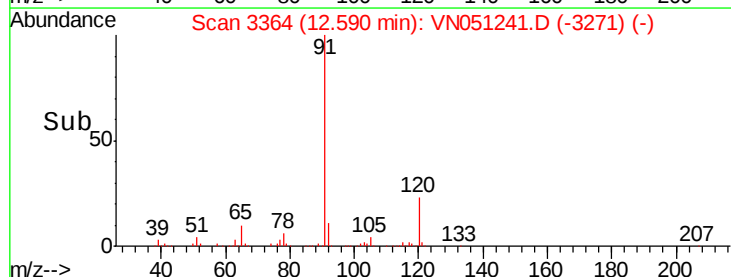
91 100

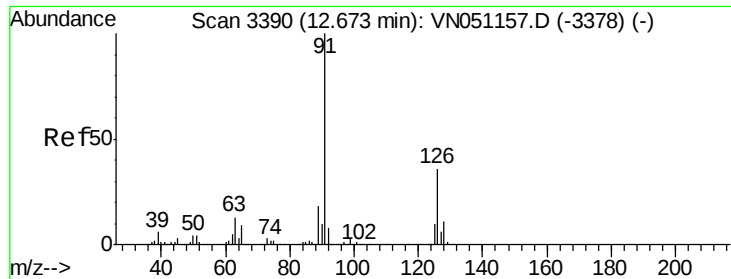
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.34 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

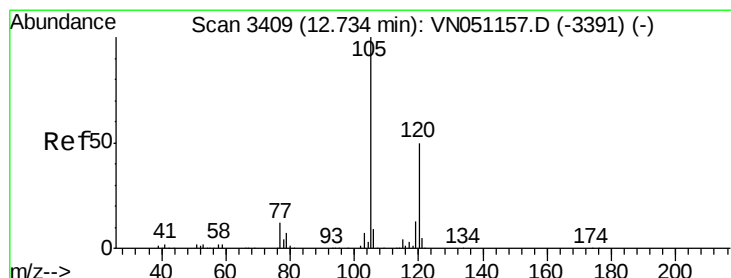
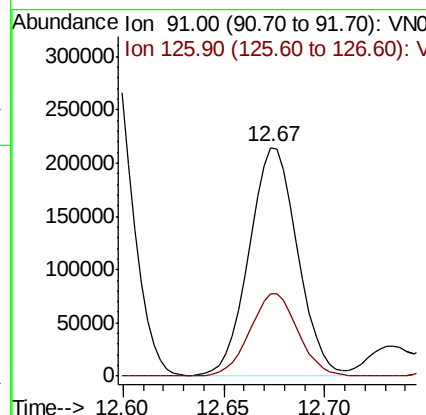
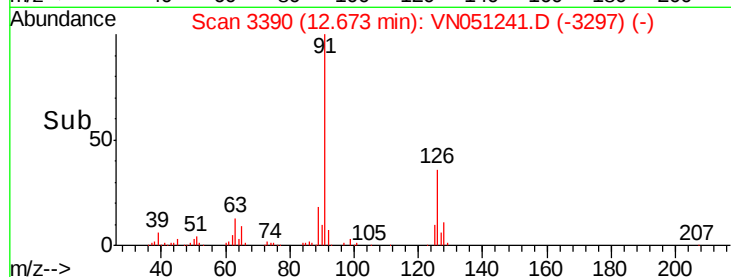
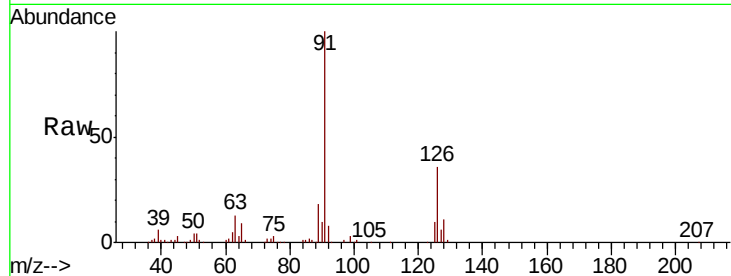
ClientSampled :

Tot Ion: 91 Resp: 358496

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 18.95 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051241.D

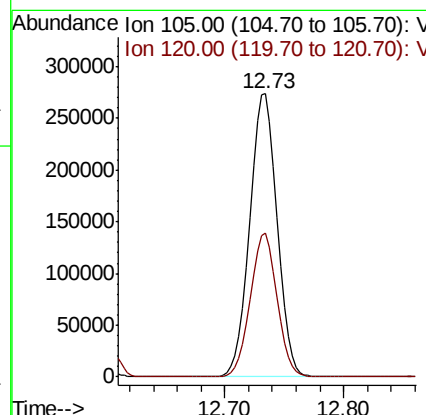
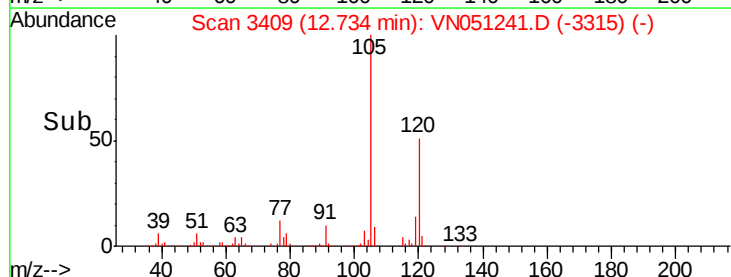
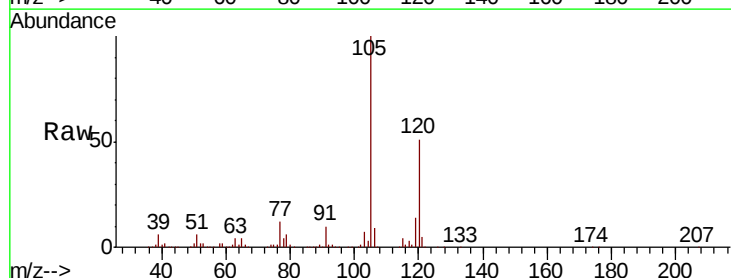
Acq: 15 Sep 2018 23:41

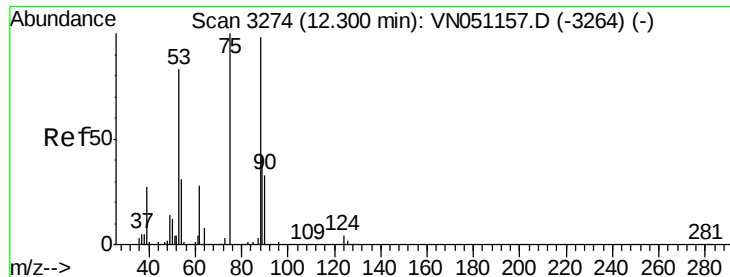
Tgt Ion: 105 Resp: 435929

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 13.39 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampleId :

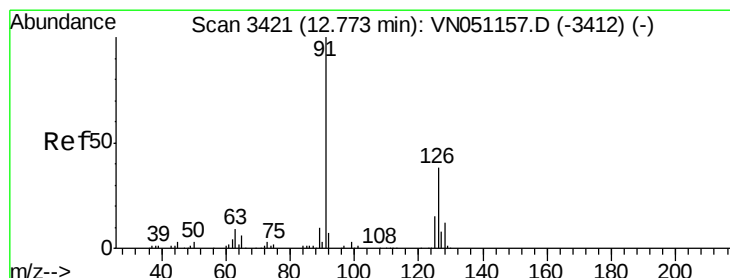
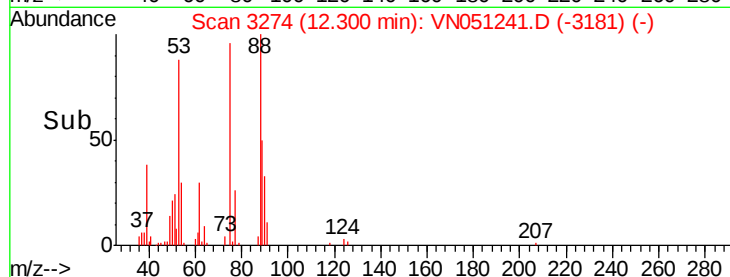
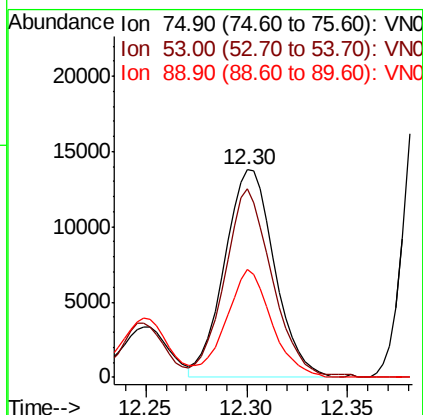
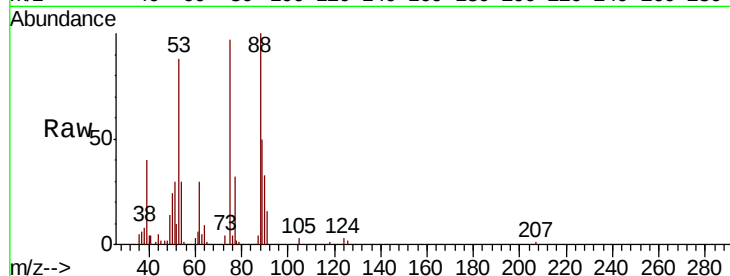
Tot Ion: 75 Resp: 23927

Ion Ratio Lower Upper

75 100

53 86.7 67.8 101.8

89 46.9 36.0 54.0



#82

4-Chlorotoluene

Concen: 17.76 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051241.D

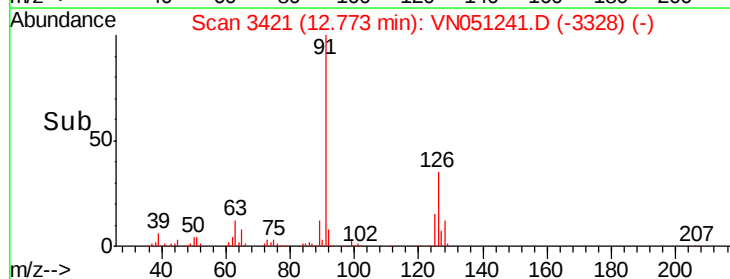
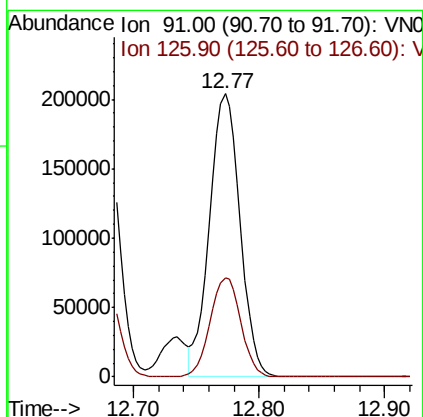
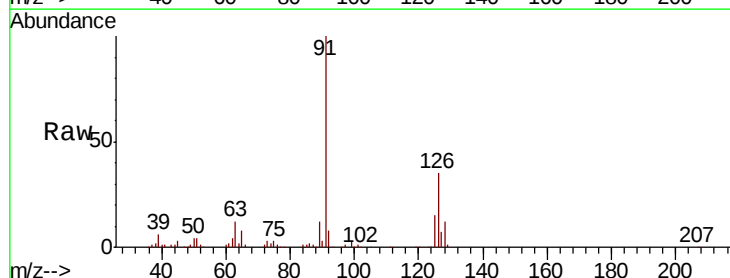
Acq: 15 Sep 2018 23:41

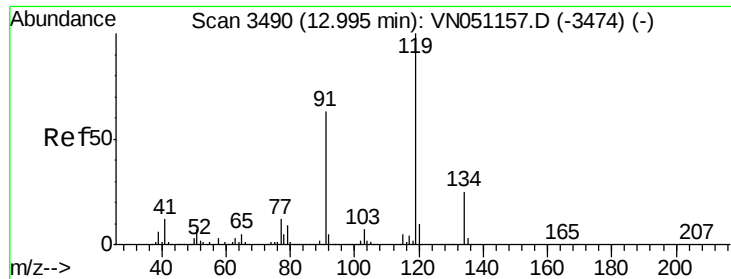
Tgt Ion: 91 Resp: 344744

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8

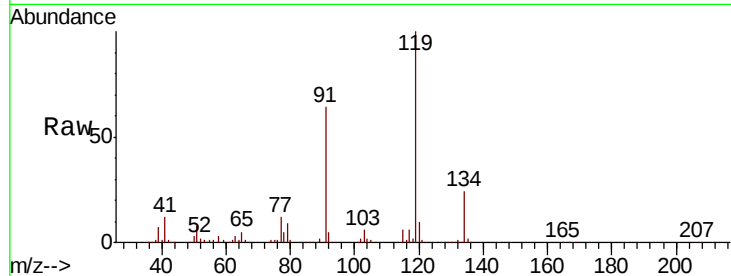




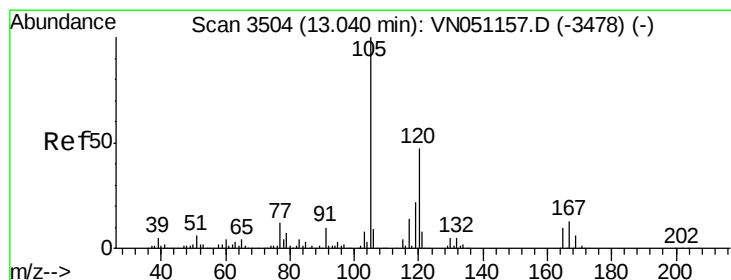
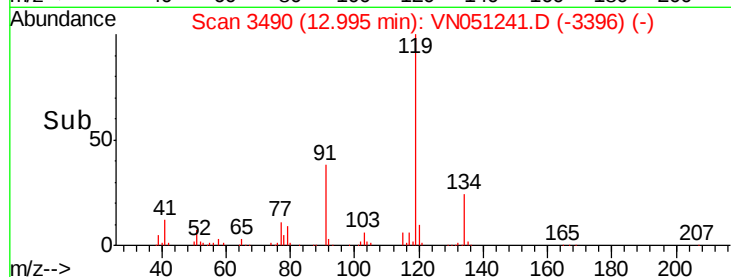
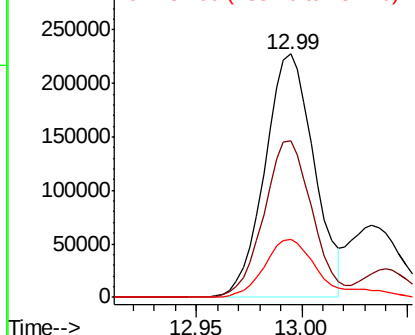
#83
tert-Butylbenzene
Concen: 18.14 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 368372
Ion Ratio Lower Upper
119 100
91 62.9 30.8 92.3
134 26.9 13.2 39.6

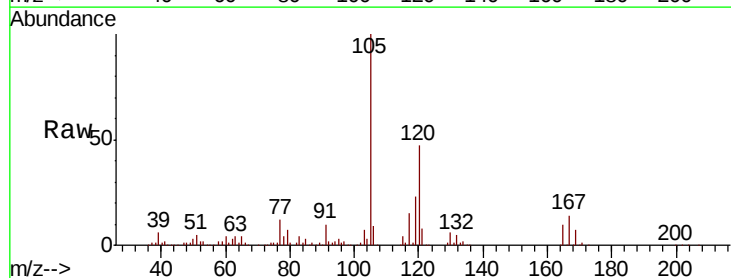


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

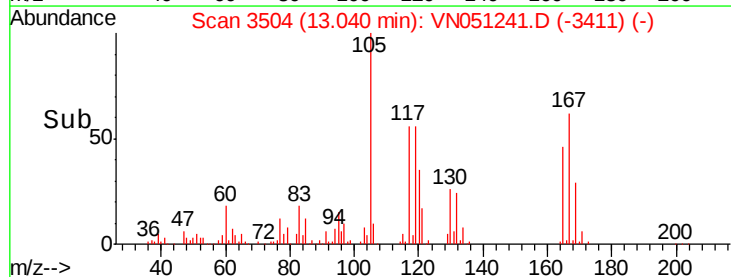
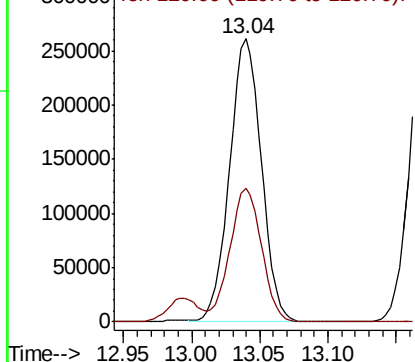


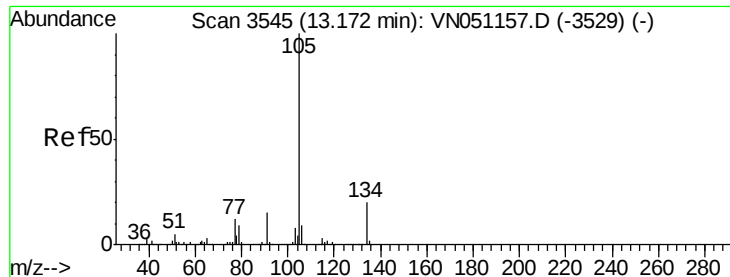
#84
1,2,4-Trimethylbenzene
Concen: 18.69 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051241.D
Acq: 15 Sep 2018 23:41

Tgt Ion:105 Resp: 422770
Ion Ratio Lower Upper
105 100
120 47.2 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.25 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

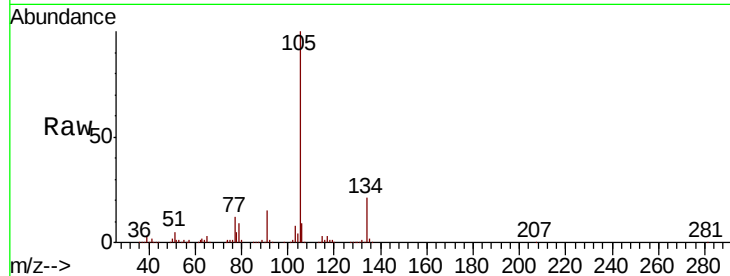
ClientSampleId :

Tot Ion:105 Resp: 475492

Ion Ratio Lower Upper

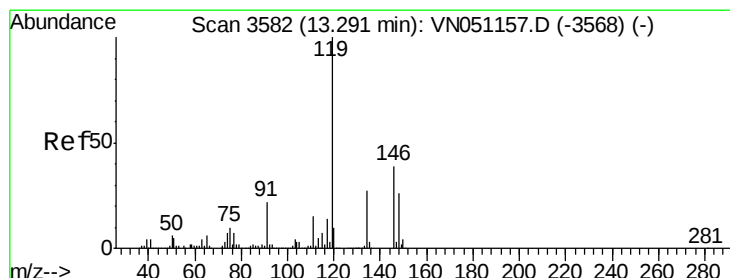
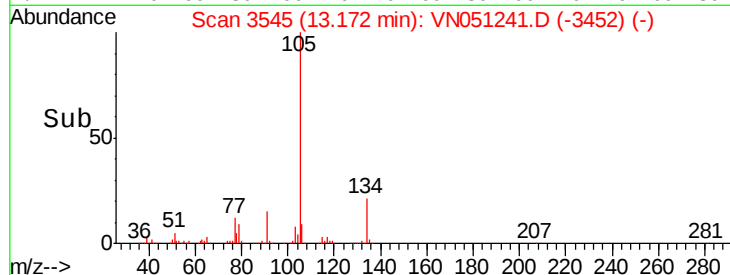
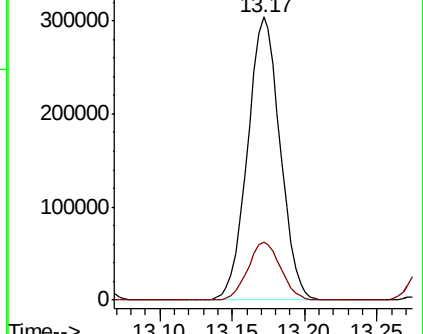
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.24 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

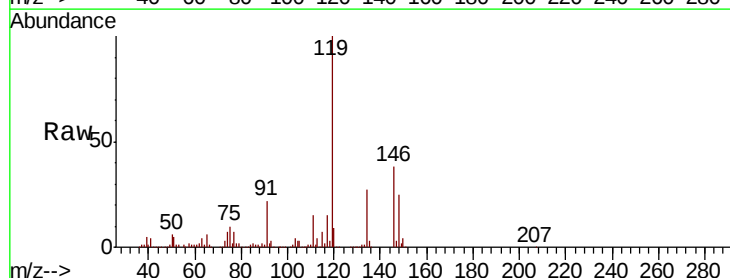
Tgt Ion:119 Resp: 402834

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

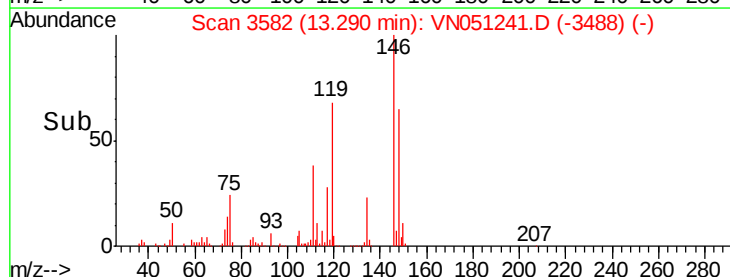
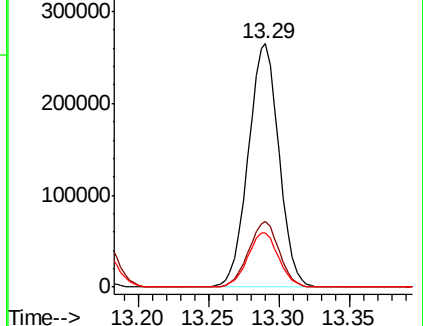
91 22.6 10.9 32.9

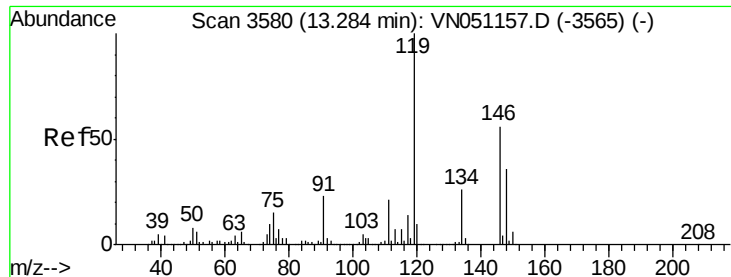


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

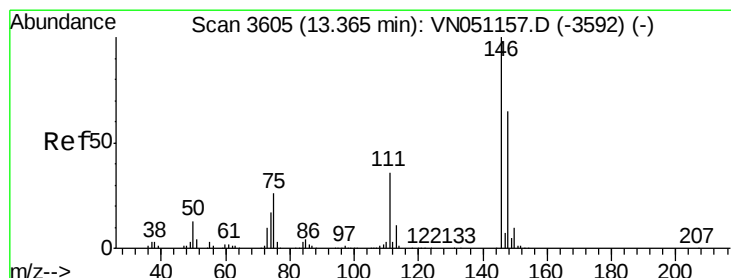
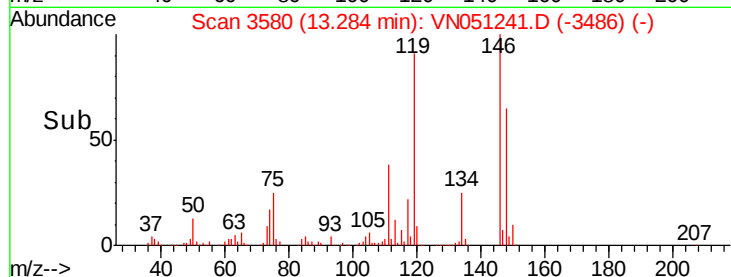
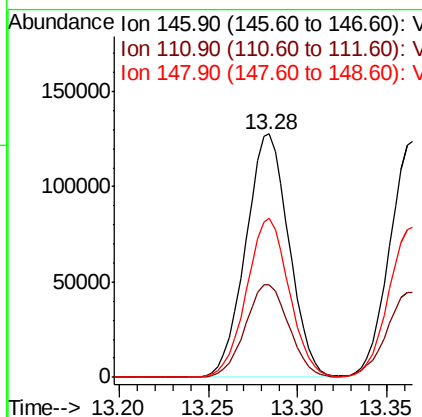
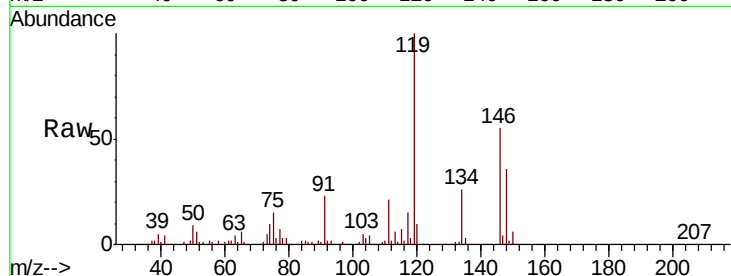




#87
 1,3-Dichlorobenzene
 Concen: 16.68 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

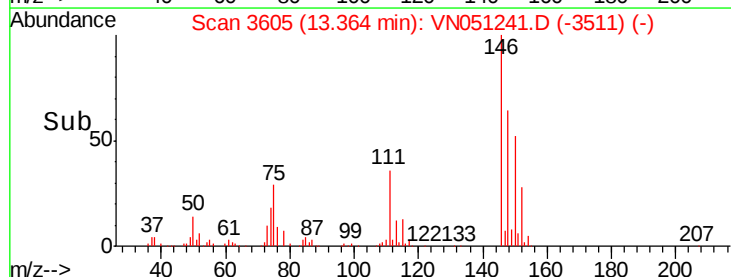
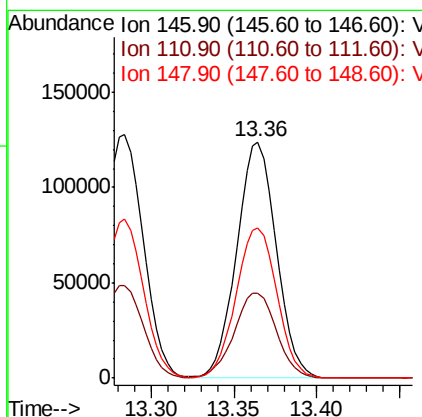
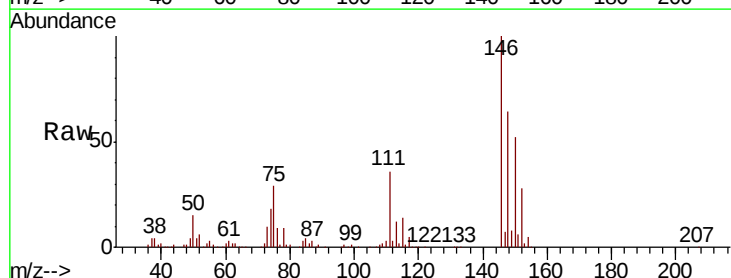
Instrument :
 MSVOA_N
 ClientSampleId :

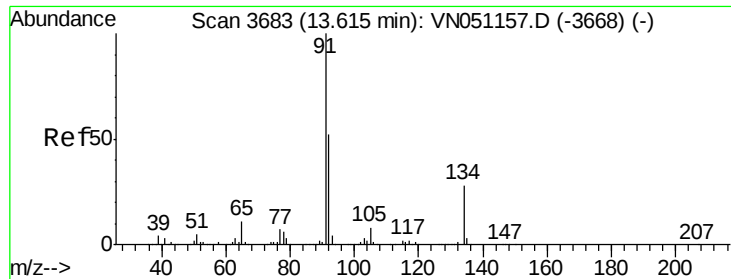
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.1
148	64.5	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 17.35 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.4	55.0
148	65.7	32.2	96.6





#89

n-Butylbenzene

Concen: 15.27 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampled :

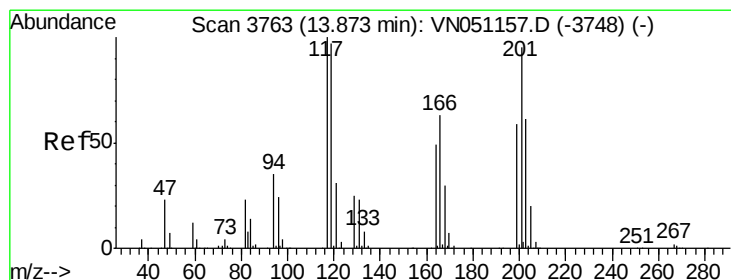
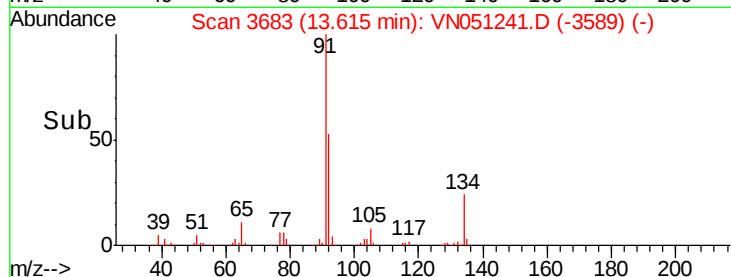
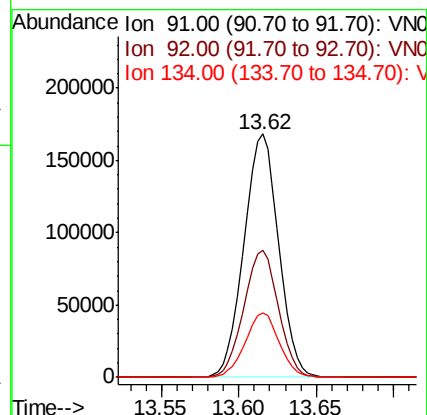
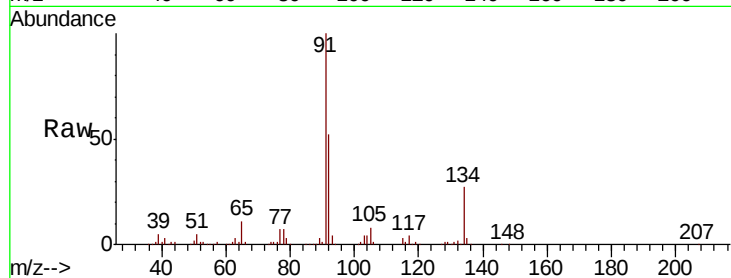
Tot Ion: 91 Resp: 262488

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.6

134 26.1 13.7 41.1



#90

Hexachloroethane

Concen: 19.54 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN051241.D

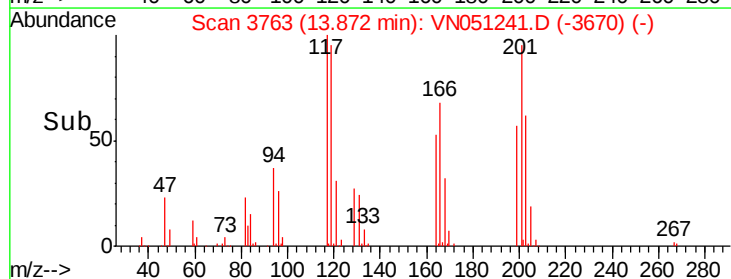
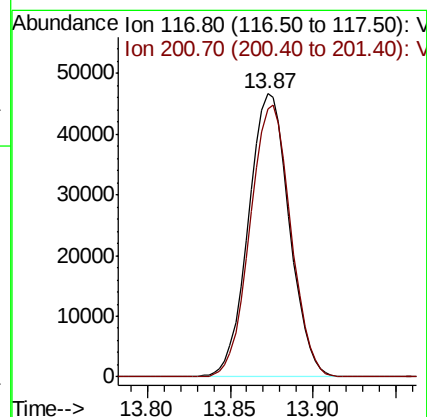
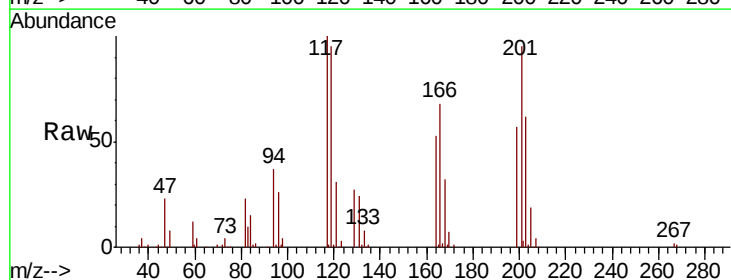
Acq: 15 Sep 2018 23:41

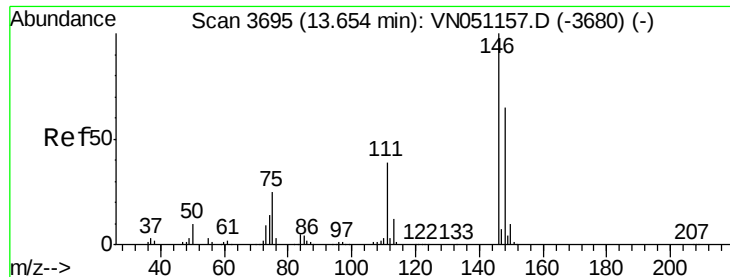
Tgt Ion: 117 Resp: 80073

Ion Ratio Lower Upper

117 100

201 95.2 47.3 142.0





#91

1,2-Dichlorobenzene

Concen: 17.05 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampleId :

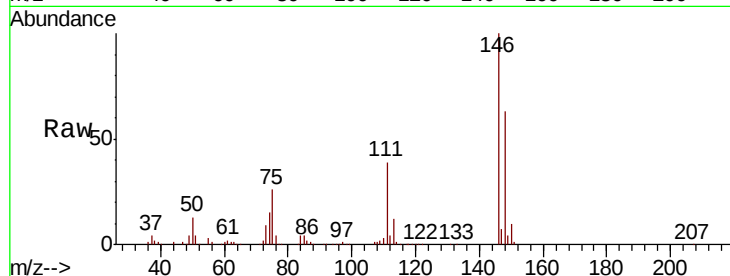
Tot Ion:146 Resp: 21521

Ion Ratio Lower Upper

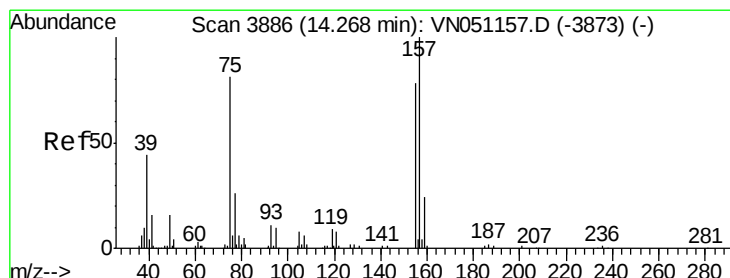
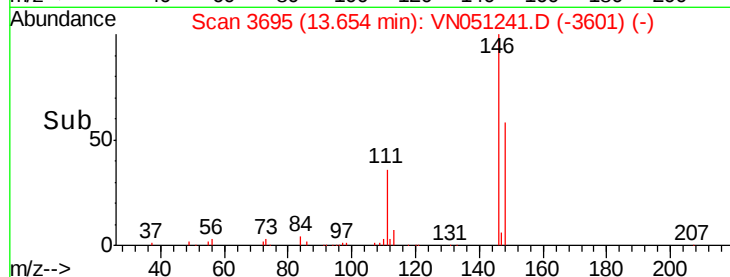
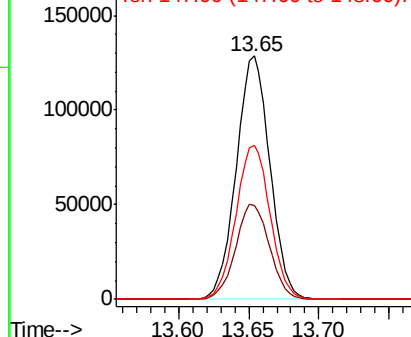
146 100

111 39.1 19.7 59.0

148 64.2 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: 16.15 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

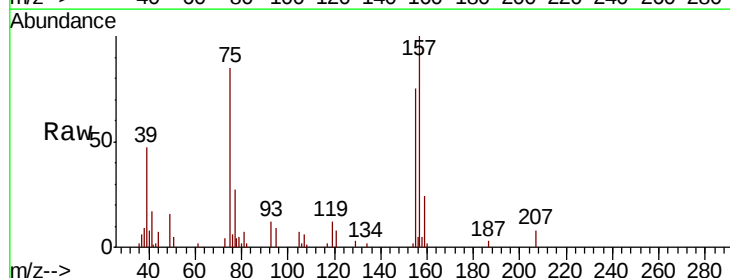
Tgt Ion: 75 Resp: 15258

Ion Ratio Lower Upper

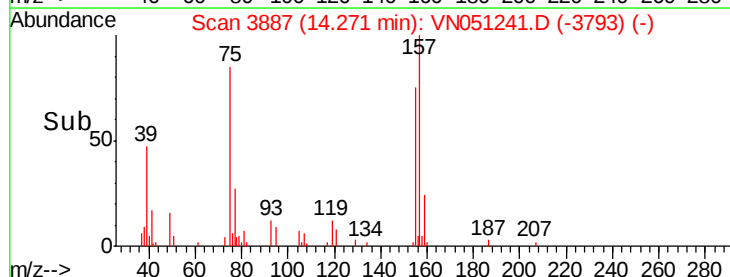
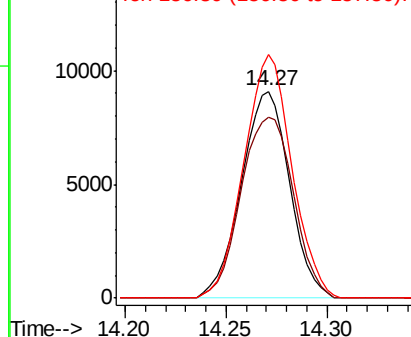
75 100

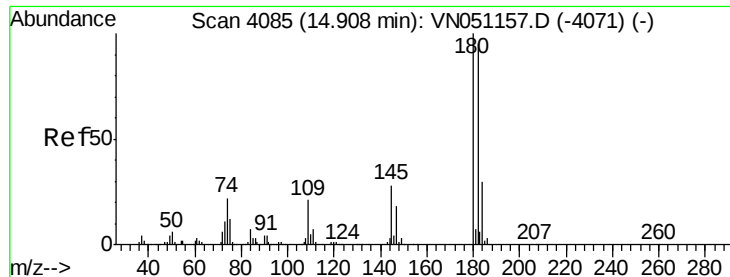
155 94.9 48.7 146.1

157 117.1 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

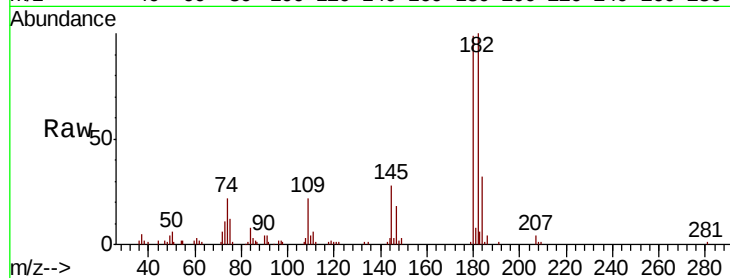




#93
 1,2,4-Trichlorobenzene
 Concen: 13.57 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.4	47.3	141.8
145	28.4	14.2	42.6

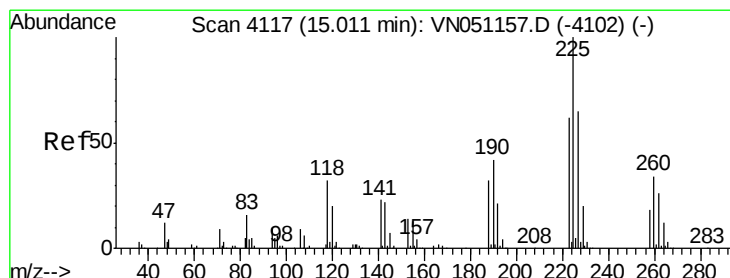
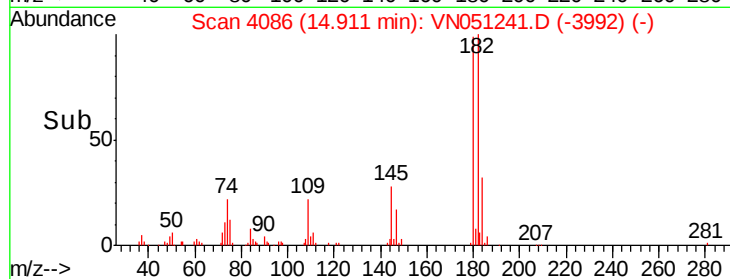
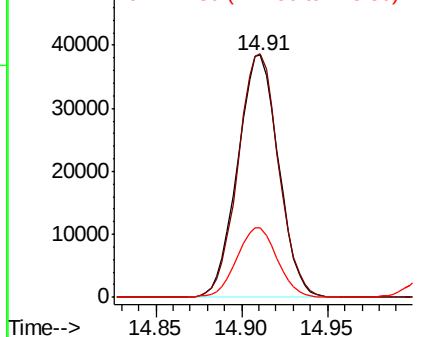


Abundance

Ion 179.80 (179.50 to 180.50): V

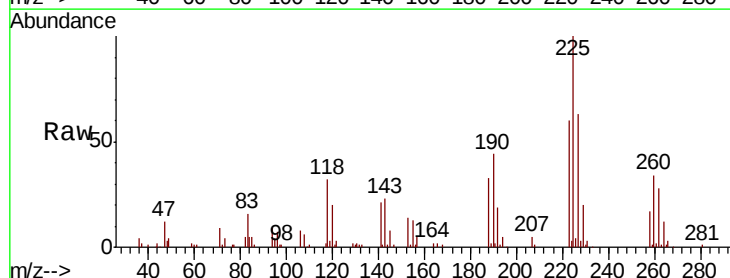
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 17.90 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051241.D
 Acq: 15 Sep 2018 23:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.4	94.0
227	63.8	32.1	96.3

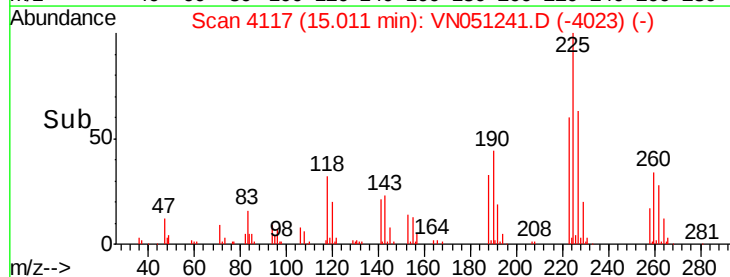
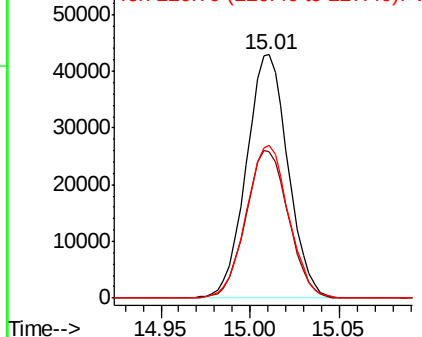


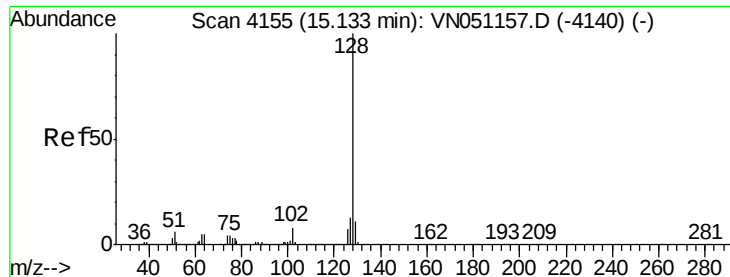
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 13.16 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

Instrument :

MSVOA_N

ClientSampleId :

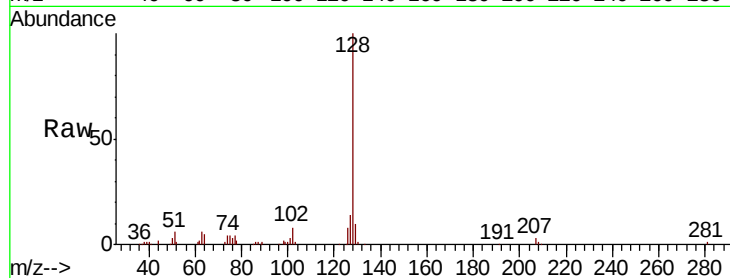
Tot Ion:128 Resp: 111693

Ion Ratio Lower Upper

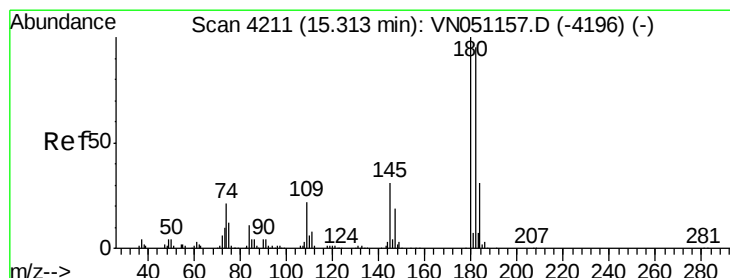
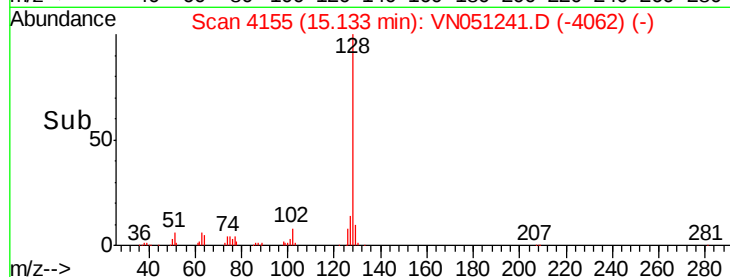
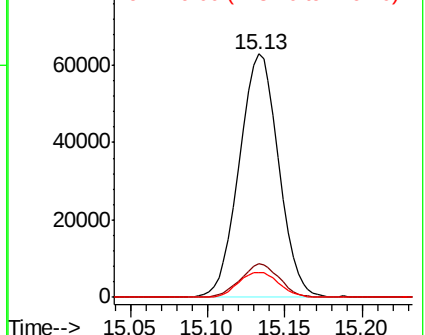
128 100

127 13.4 10.6 15.8

129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 14.21 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051241.D

Acq: 15 Sep 2018 23:41

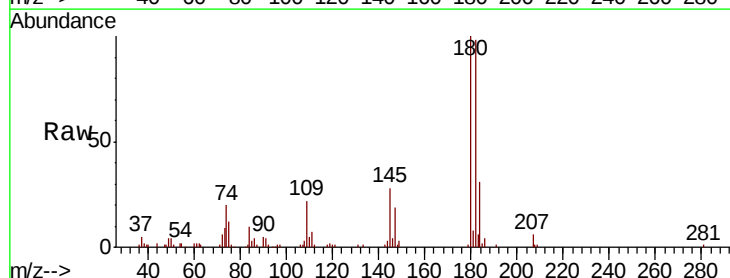
Tgt Ion:180 Resp: 69832

Ion Ratio Lower Upper

180 100

182 96.3 47.8 143.3

145 29.9 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

