

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049780.D
 Acq On : 12 Jul 2018 20:10
 Operator : MD\SY
 Sample : J3762-07 LOD/MDL 0.5ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 13 03:44:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1037592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1657152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1420807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	561003	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	654655	54.24	ug/l	0.00
Spiked Amount			Recovery	=	108.48%	
35) Dibromofluoromethane	7.59	113	609062	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	10.09	98	1869839	43.73	ug/l	0.00
Spiked Amount			Recovery	=	87.46%	
62) 4-Bromofluorobenzene	12.40	95	566153	37.07	ug/l	0.00
Spiked Amount			Recovery	=	74.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	7099	Below Cal		90
3) Chloromethane	2.06	50	10103	Below Cal		98
6) Chloroethane	2.71	64	7014	0.760	ug/l #	88
7) Trichlorofluoromethane	3.02	101	13720	0.697	ug/l	97
8) Diethyl Ether	3.41	74	4691	0.665	ug/l	52
9) 1,1,2-Trichlorotrifluoroet	3.75	101	9129	0.715	ug/l #	87
10) Methyl Iodide	3.95	142	7483	0.461	ug/l #	71
11) Tert butyl alcohol	4.80	59	2424	3.001	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	8224	0.733	ug/l #	84
13) Acrolein	3.62	56	3594	5.065	ug/l	96
14) Allyl chloride	4.33	41	12856	0.702	ug/l #	86
15) Acrylonitrile	4.99	53	4976	1.230	ug/l #	47
16) Acetone	3.83	43	12570	2.172	ug/l #	85
17) Carbon Disulfide	4.06	76	27677	0.535	ug/l	98
18) Methyl Acetate	4.34	43	18099	1.074	ug/l #	77
19) Methyl tert-butyl Ether	5.05	73	9410	0.302	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	8445	0.689	ug/l	95
22) Diisopropyl ether	5.96	45	21131	0.562	ug/l #	80
23) Vinyl Acetate	5.91	43	67027	2.659	ug/l	99
24) 1,1-Dichloroethane	5.86	63	15763	0.667	ug/l	98
25) 2-Butanone	6.85	43	12713	2.703	ug/l	91
26) 2,2-Dichloropropane	6.83	77	13009	0.663	ug/l	77
27) cis-1,2-Dichloroethene	6.84	96	9109	0.649	ug/l	92
29) Tetrahydrofuran	7.22	42	9144	3.096	ug/l	93
30) Chloroform	7.37	83	16068	0.660	ug/l	89
31) Cyclohexane	7.66	56	29804	1.337	ug/l #	26
32) 1,1,1-Trichloroethane	7.57	97	13423	0.649	ug/l #	49
36) 1,1-Dichloropropene	7.80	75	12612	0.660	ug/l	91
37) Ethyl Acetate	6.93	43	2634	0.233	ug/l #	75
38) Carbon Tetrachloride	7.78	117	12243	0.613	ug/l	94
39) Methylcyclohexane	9.08	83	11693	0.581	ug/l	86
40) Benzene	8.04	78	34289	0.600	ug/l	95
41) Methacrylonitrile	7.17	41	2601	0.407	ug/l #	72
42) 1,2-Dichloroethane	8.13	62	10865	0.581	ug/l	89

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Isopropyl Acetate	8.17	43	10804	0.532	ug/l	95
44) Trichloroethene	8.84	130	9679	0.629	ug/l	93
45) 1,2-Dichloropropane	9.12	63	9435	0.615	ug/l	100
46) Dibromomethane	9.21	93	6089	0.668	ug/l #	84
47) Bromodichloromethane	9.40	83	11611	0.578	ug/l #	95
48) Methyl methacrylate	9.21	41	6214	0.612	ug/l #	88
49) 1,4-Dioxane	9.21	88	1451	10.901	ug/l #	89
51) 4-Methyl-2-Pentanone	9.99	43	25933	2.351	ug/l	96
52) Toluene	10.16	92	19297	0.564	ug/l	88
53) t-1,3-Dichloropropene	10.38	75	10319	0.534	ug/l #	80
54) cis-1,3-Dichloropropene	9.84	75	12682	0.576	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	11614	0.222	ug/l #	84
56) Ethyl methacrylate	10.44	69	7720	0.500	ug/l #	91
57) 1,3-Dichloropropane	10.71	76	12746	0.585	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	14481	1.956	ug/l	97
59) 2-Hexanone	10.75	43	17839	2.432	ug/l	99
60) Dibromochloromethane	10.90	129	8123	0.542	ug/l	100
61) 1,2-Dibromoethane	11.01	107	7618	0.612	ug/l	90
64) Tetrachloroethene	10.63	164	8826	0.684	ug/l	99
65) Chlorobenzene	11.44	112	23881	0.645	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	8429	0.605	ug/l #	63
67) Ethyl Benzene	11.51	91	32688	0.539	ug/l	99
68) m/p-Xylenes	11.62	106	24435	1.074	ug/l	86
69) o-Xylene	11.95	106	10704	0.487	ug/l	96
70) Styrene	11.97	104	15040	0.431	ug/l	95
71) Bromoform	12.13	173	5338	0.567	ug/l #	94
73) Isopropylbenzene	12.25	105	27610	0.592	ug/l	99
74) N-amyl acetate	12.07	43	6549	0.540	ug/l	97
75) 1,1,1,2-Tetrachloroethane	12.51	83	9229	Below Cal		99
76) 1,2,3-Trichloropropane	12.56	75	11272	1.131	ug/l #	100
77) Bromobenzene	12.53	156	8729	0.706	ug/l	95
78) n-propylbenzene	12.59	91	33085	0.629	ug/l	100
79) 2-Chlorotoluene	12.68	91	21211	0.659	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	19964	0.539	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	279051	90.422	ug/l #	13
82) 4-Chlorotoluene	12.78	91	19733	0.618	ug/l	98
83) tert-Butylbenzene	13.00	119	18750	0.566	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	18219	0.490	ug/l	92
85) sec-Butylbenzene	13.17	105	22373	0.515	ug/l	97
86) p-Isopropyltoluene	13.29	119	17533	0.477	ug/l	94
87) 1,3-Dichlorobenzene	13.29	146	13160	0.614	ug/l	97
88) 1,4-Dichlorobenzene	13.29	146	13160	0.631	ug/l	98
89) n-Butylbenzene	13.62	91	14379	0.474	ug/l	96
90) Hexachloroethane	13.88	117	5390	Below Cal		92
91) 1,2-Dichlorobenzene	13.66	146	13123	0.627	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1164	0.220	ug/l	93
93) 1,2,4-Trichlorobenzene	14.92	180	4735	3.278	ug/l	92
94) Hexachlorobutadiene	15.01	225	4791	Below Cal		92
95) Naphthalene	15.14	128	10306	4.407	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	4693	0.462	ug/l	86

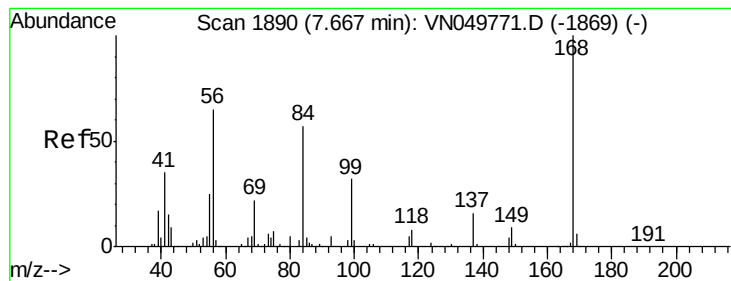
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

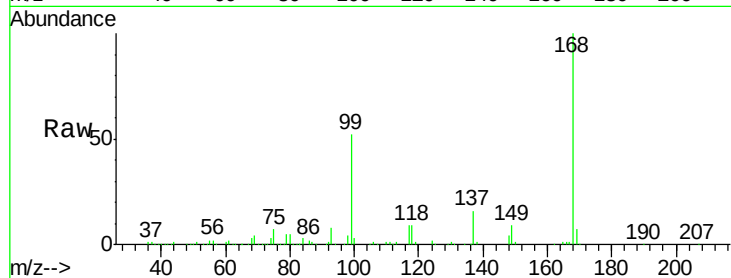
ClientSampleId :

Tot Ion:168 Resp: 1037592

Ion Ratio Lower Upper

168 100

99 51.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

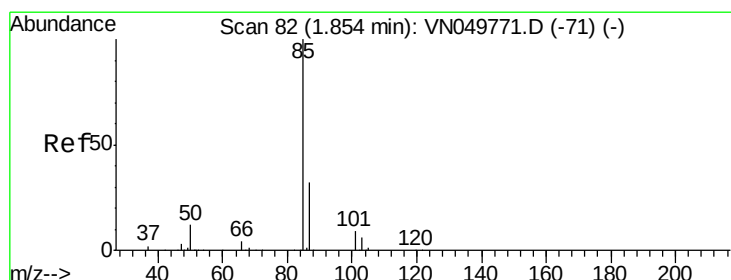
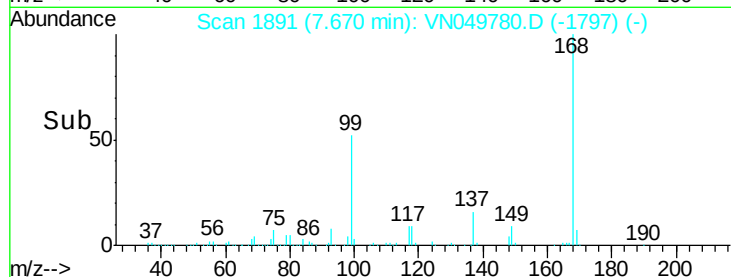
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049780.D

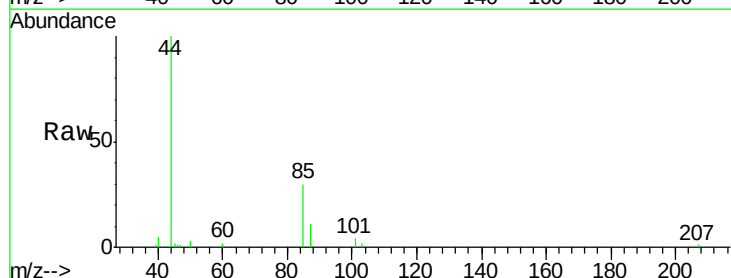
Acq: 12 Jul 2018 20:10

Tgt Ion: 85 Resp: 7099

Ion Ratio Lower Upper

85 100

87 36.4 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

6000

5000

4000

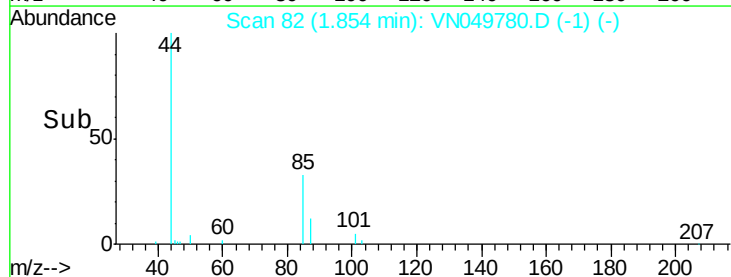
3000

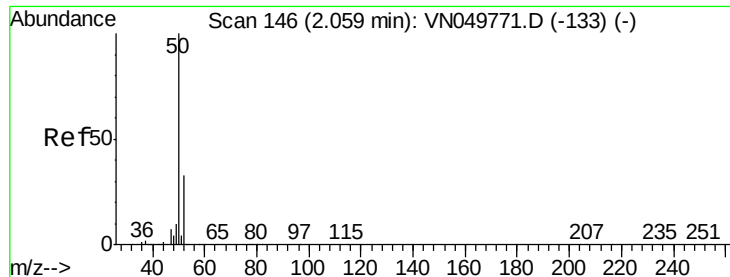
2000

1000

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

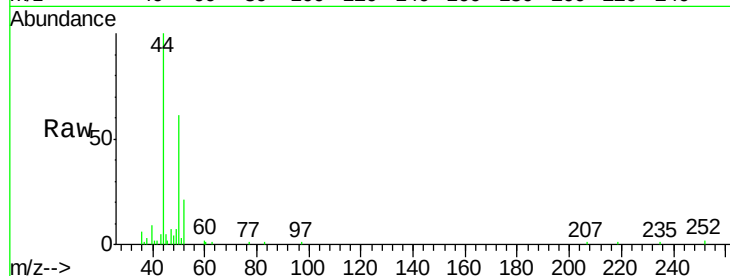
ClientSampled :

Tot Ion: 50 Resp: 10103

Ion Ratio Lower Upper

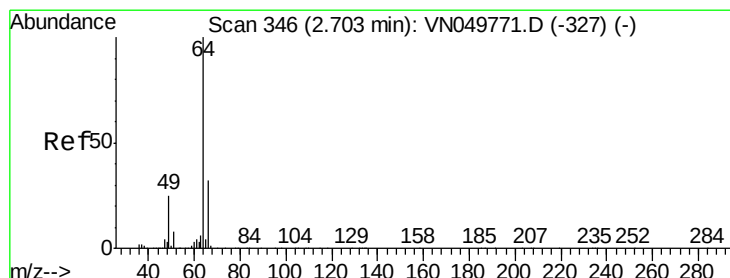
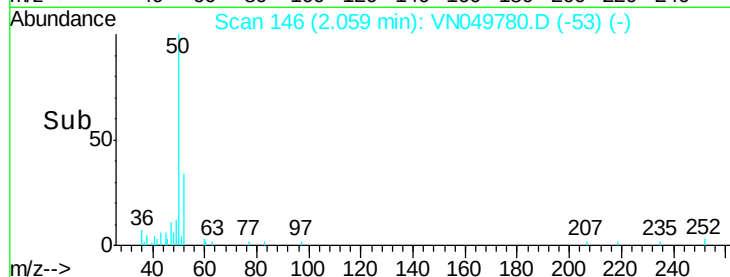
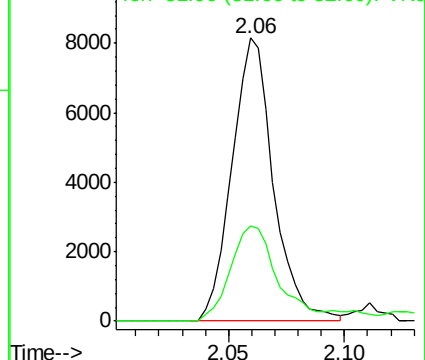
50 100

52 33.8 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#6

Chloroethane

Concen: 0.760 ug/l

RT: 2.71 min Scan# 348

Delta R.T. 0.01 min

Lab File: VN049780.D

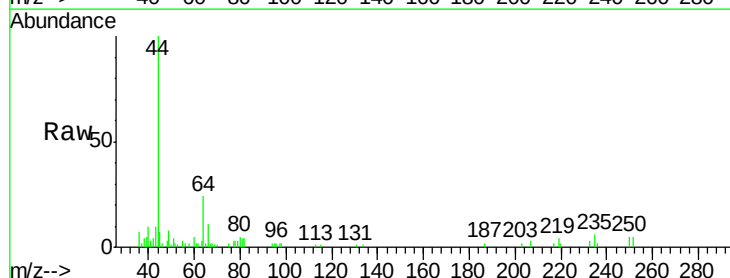
Acq: 12 Jul 2018 20:10

Tgt Ion: 64 Resp: 7014

Ion Ratio Lower Upper

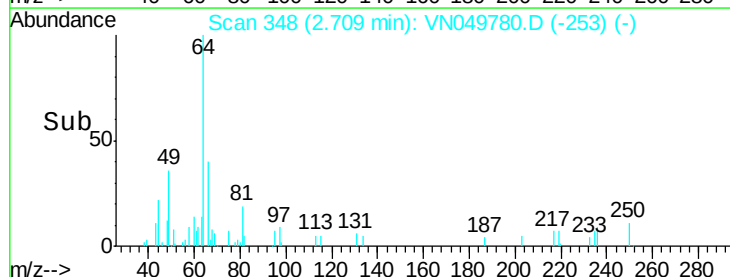
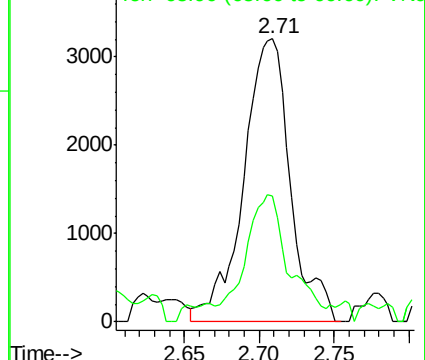
64 100

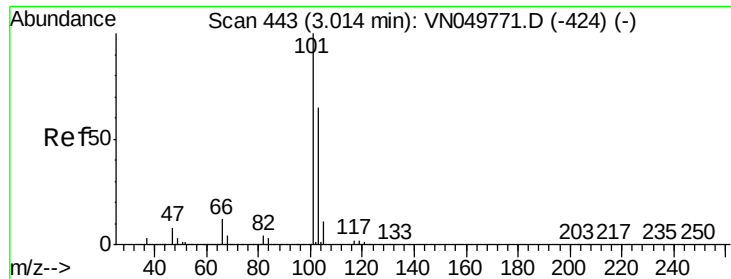
66 38.6 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



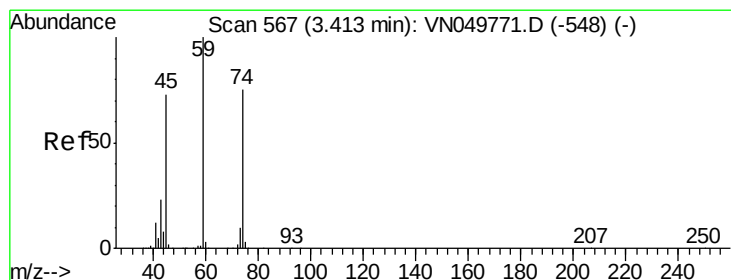
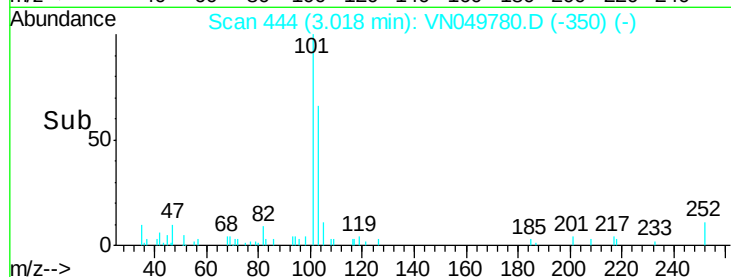
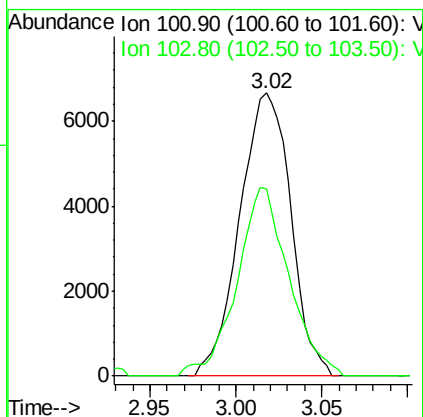
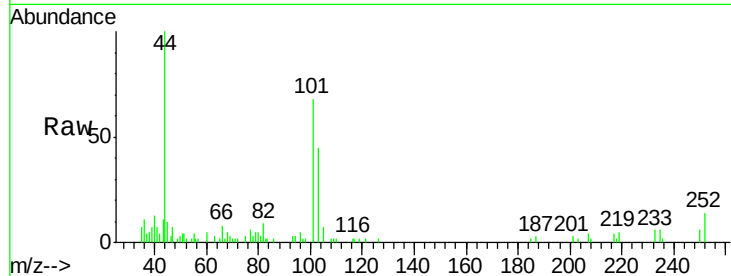


#7

Trichlorofluoromethane
Concen: 0.697 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Instrument :
MSVOA_N
ClientSampled :

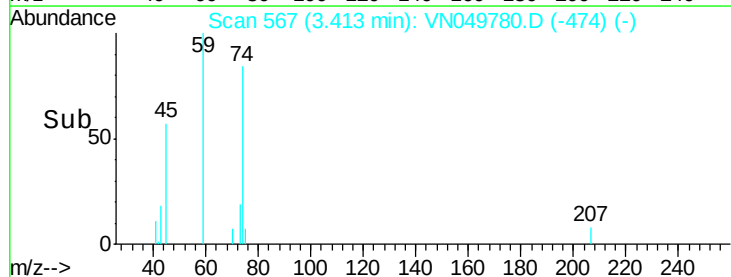
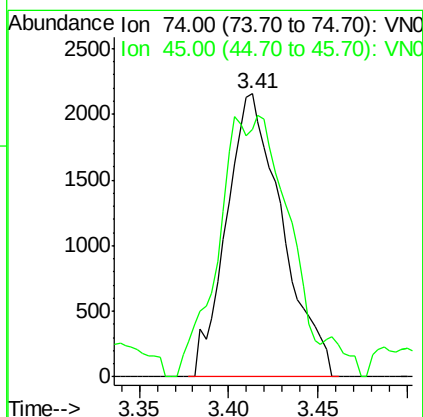
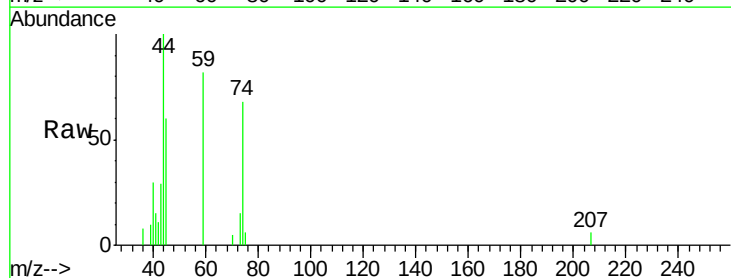
Tot Ion:101 Resp: 13720
Ion Ratio Lower Upper
101 100
103 63.6 52.8 79.2

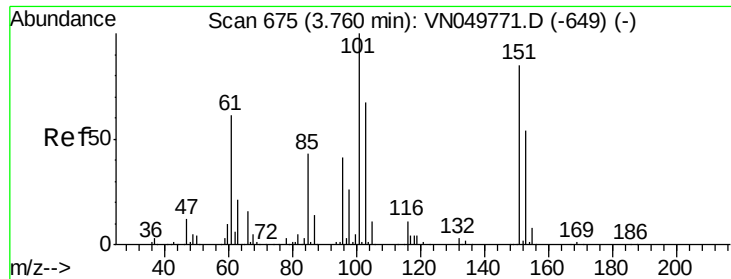


#8

Diethyl Ether
Concen: 0.665 ug/l
RT: 3.41 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 74 Resp: 4691
Ion Ratio Lower Upper
74 100
45 49.9 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.715 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampled :

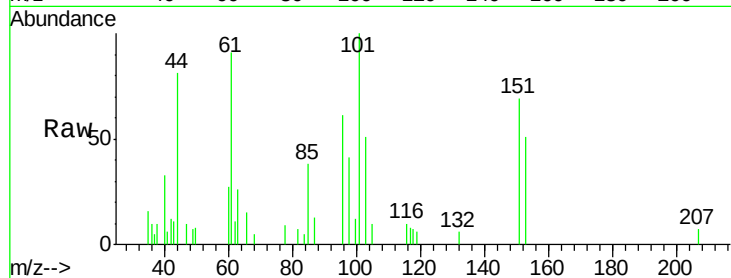
Tot Ion:101 Resp: 9129

Ion Ratio Lower Upper

101 100

85 22.5 34.4 51.6#

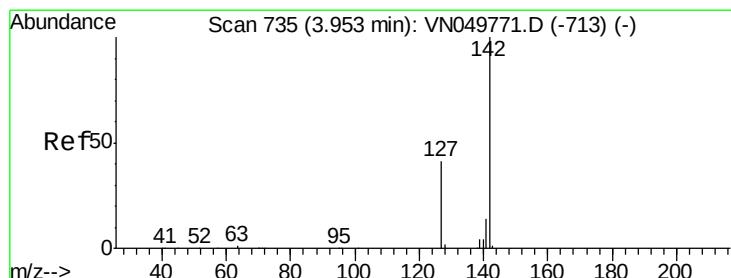
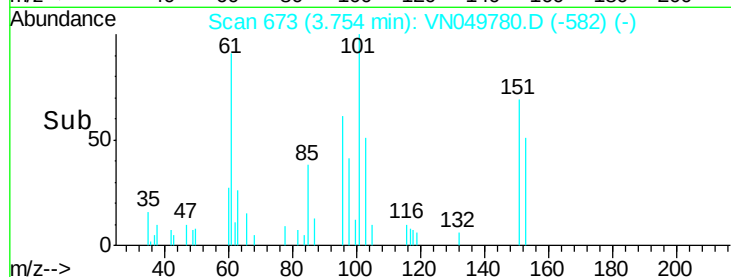
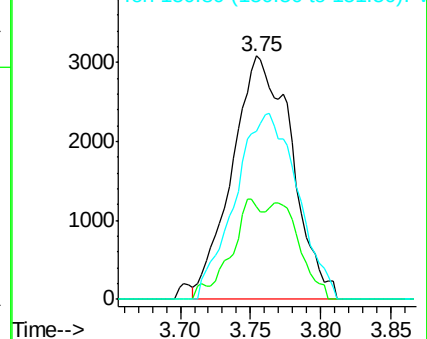
151 79.7 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.461 ug/l

RT: 3.95 min Scan# 735

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

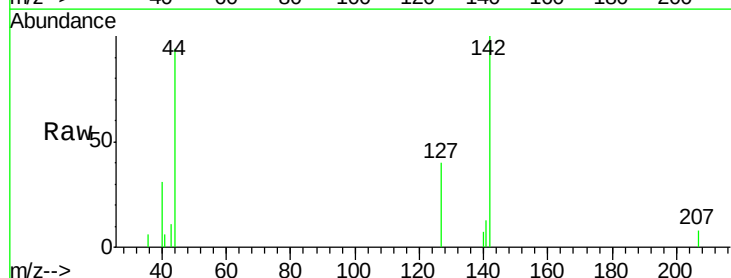
Tgt Ion:142 Resp: 7483

Ion Ratio Lower Upper

142 100

127 20.9 32.5 48.7#

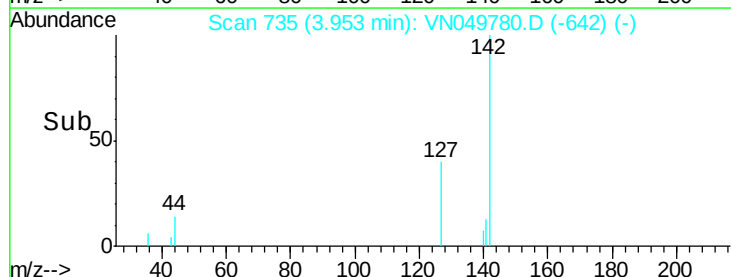
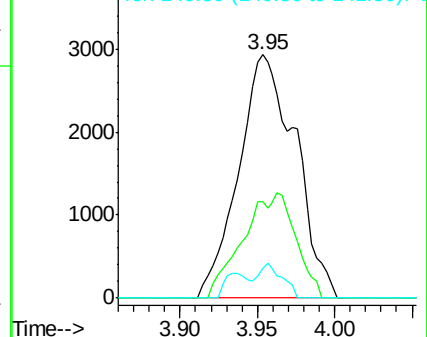
141 5.9 11.1 16.7#

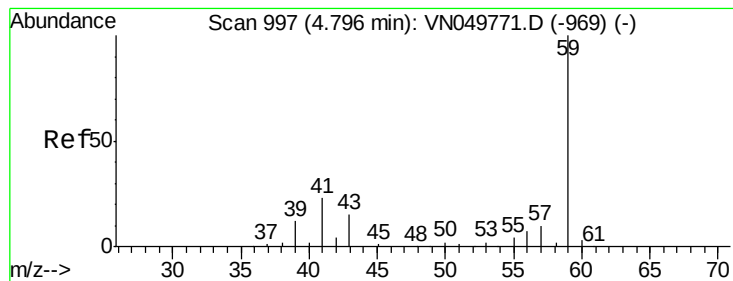


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



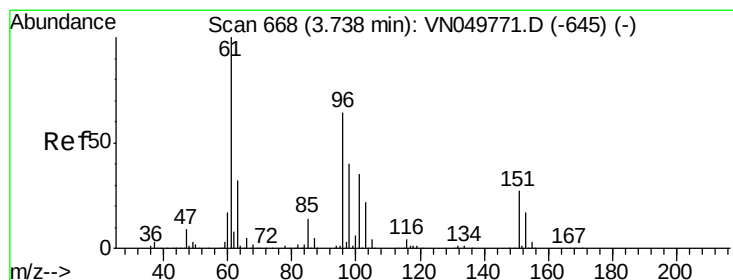
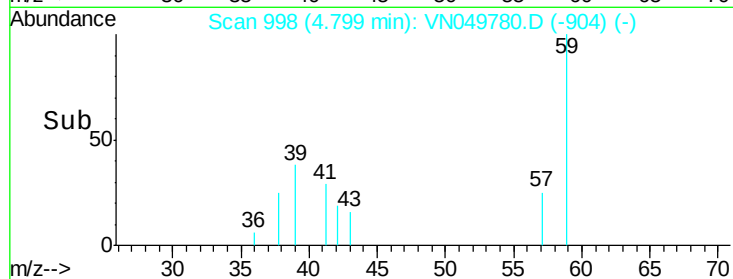
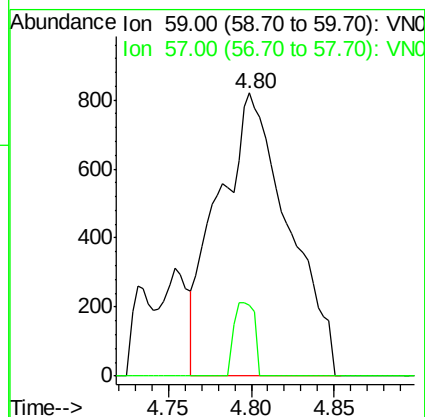
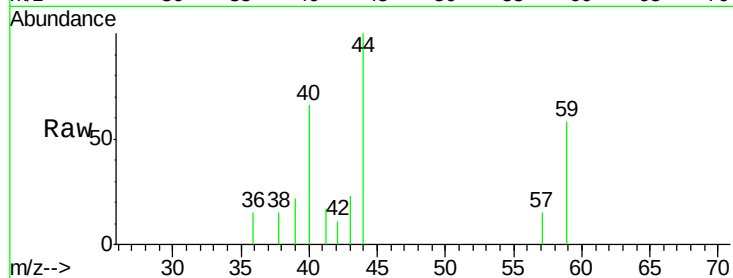


#11

Tert butyl alcohol
 Concen: 3.001 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

Instrument :
 MSVOA_N
 ClientSampled :

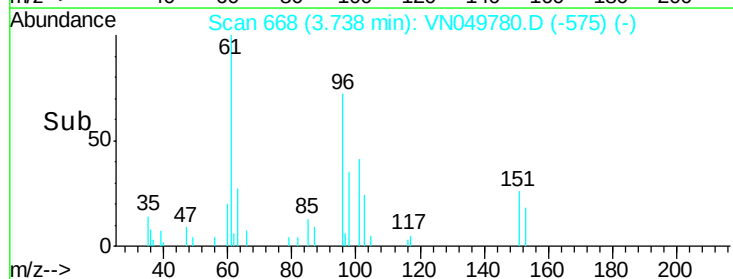
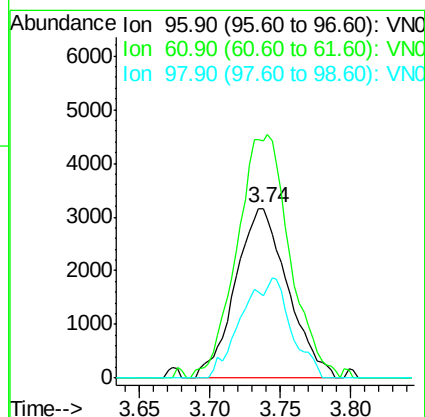
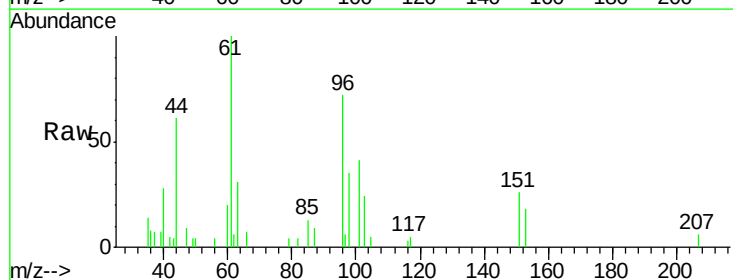
Tot Ion: 59 Resp: 2424
 Ion Ratio Lower Upper
 59 100
 57 7.7 8.5 12.7#

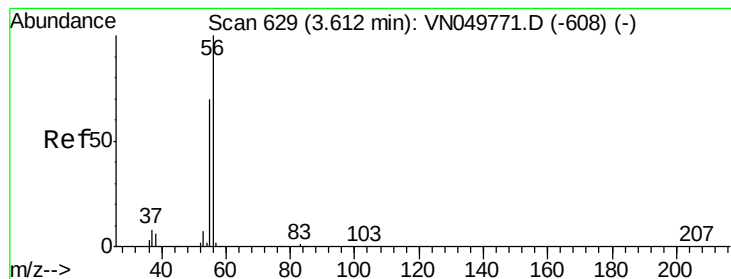


#12

1,1-Dichloroethene
 Concen: 0.733 ug/l
 RT: 3.74 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

Tgt Ion: 96 Resp: 8224
 Ion Ratio Lower Upper
 96 100
 61 139.5 126.5 189.7
 98 48.2 51.0 76.6#





#13

Acrolein

Concen: 5.065 ug/l

RT: 3.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

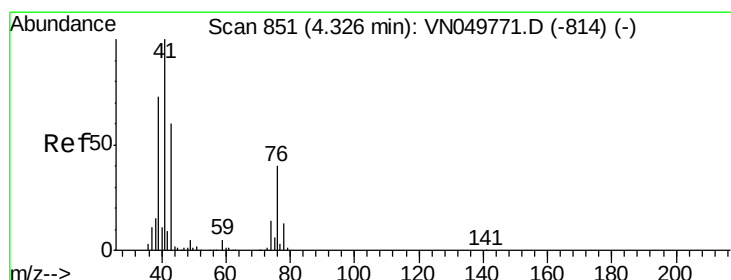
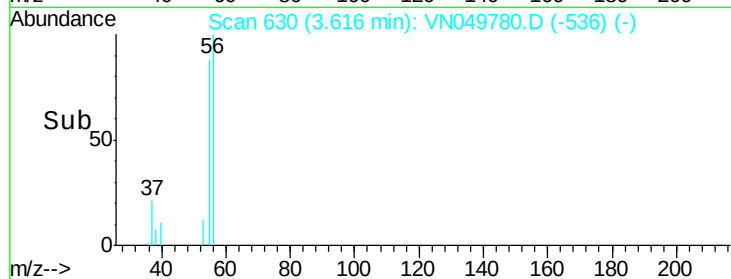
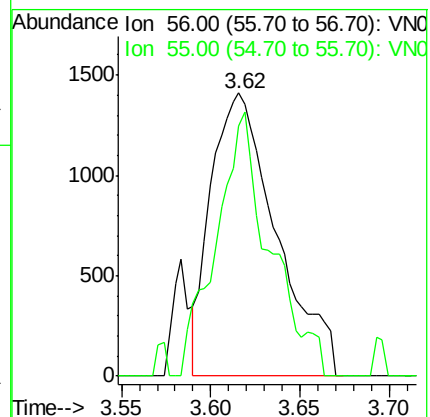
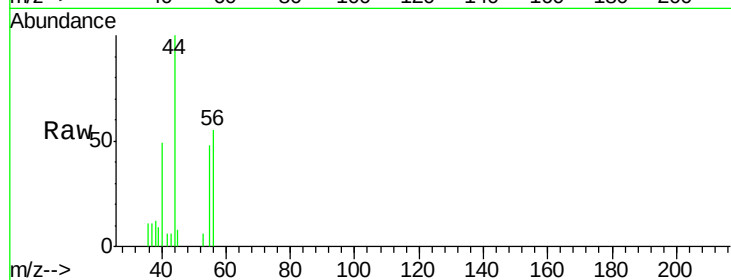
ClientSampleId :

Tot Ion: 56 Resp: 3594

Ion Ratio Lower Upper

56 100

55 73.5 55.8 83.8



#14

Allyl chloride

Concen: 0.702 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

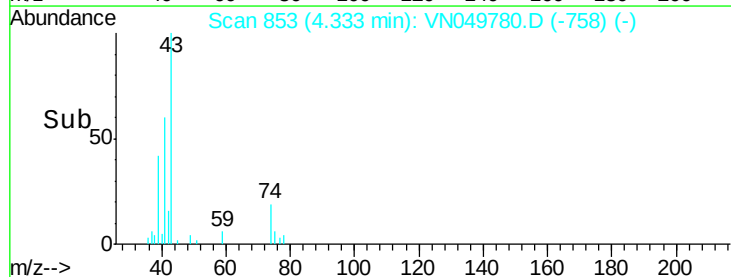
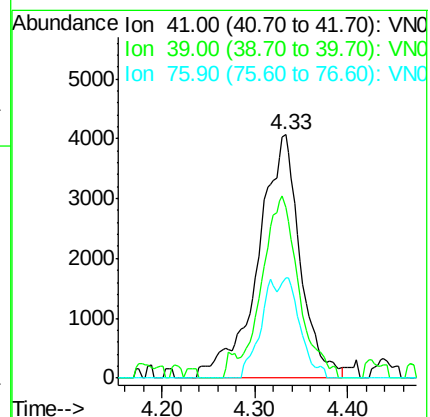
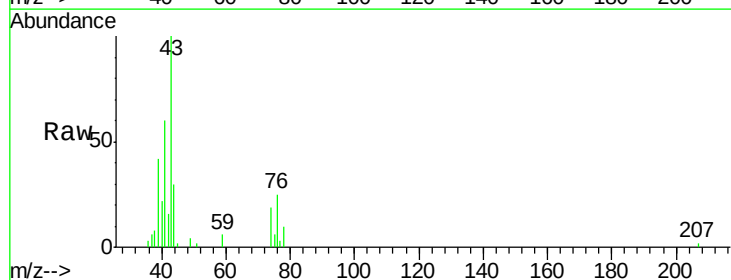
Tgt Ion: 41 Resp: 12856

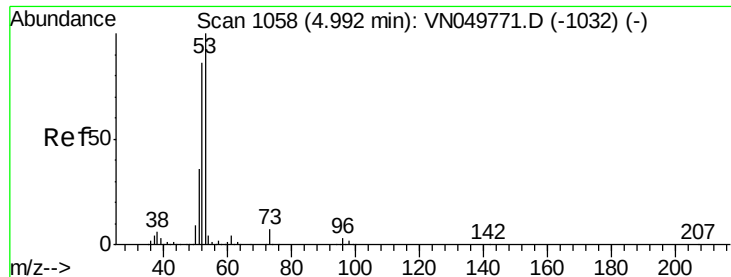
Ion Ratio Lower Upper

41 100

39 64.1 53.2 79.8

76 16.1 29.0 43.6#





#15

Acrylonitrile

Concen: 1.230 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampled :

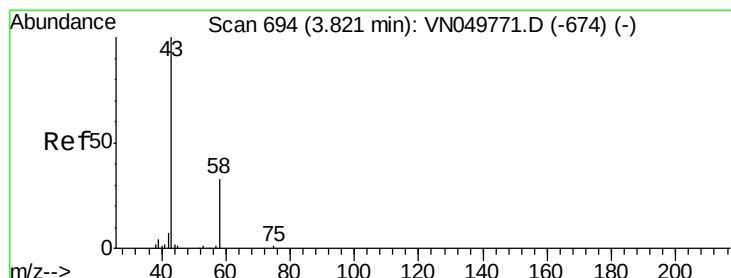
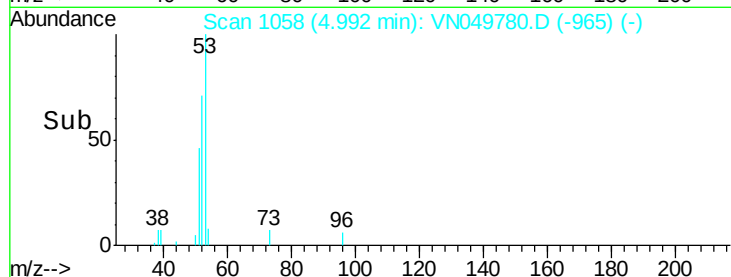
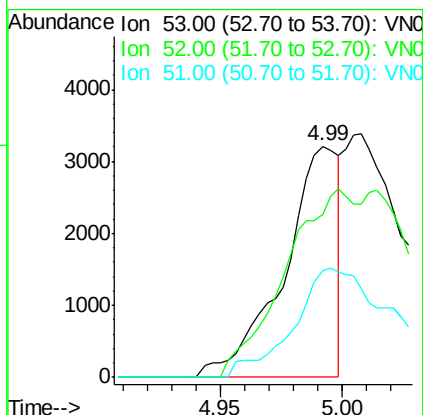
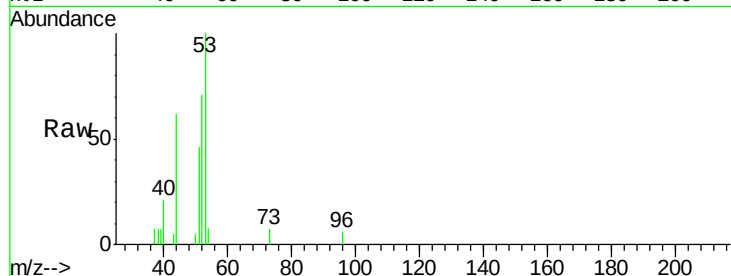
Tot Ion: 53 Resp: 4976

Ion Ratio Lower Upper

53 100

52 110.8 64.8 97.2#

51 92.8 28.9 43.3#



#16

Acetone

Concen: 2.172 ug/l

RT: 3.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN049780.D

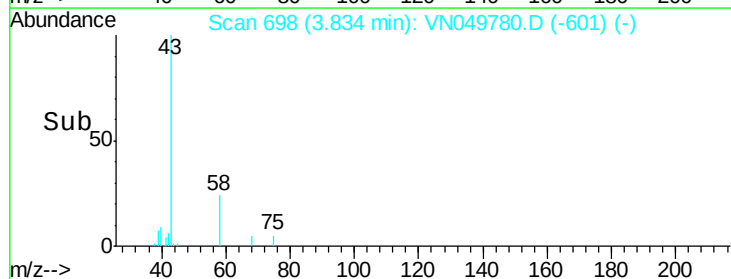
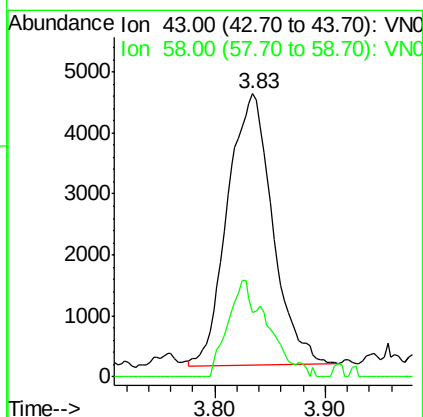
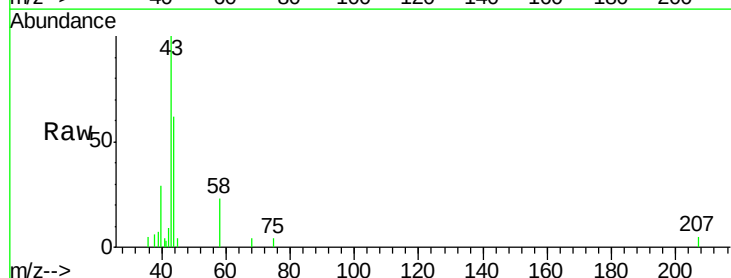
Acq: 12 Jul 2018 20:10

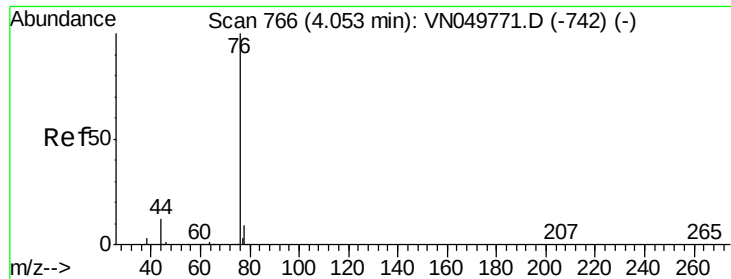
Tgt Ion: 43 Resp: 12570

Ion Ratio Lower Upper

43 100

58 23.9 25.9 38.9#





#17

Carbon Disulfide

Concen: 0.535 ug/l

RT: 4.06 min Scan# 767

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

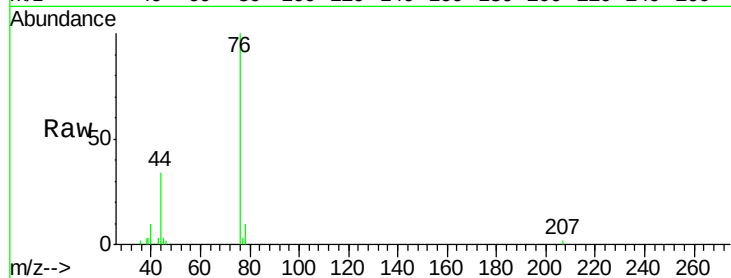
ClientSampled :

Tot Ion: 76 Resp: 27677

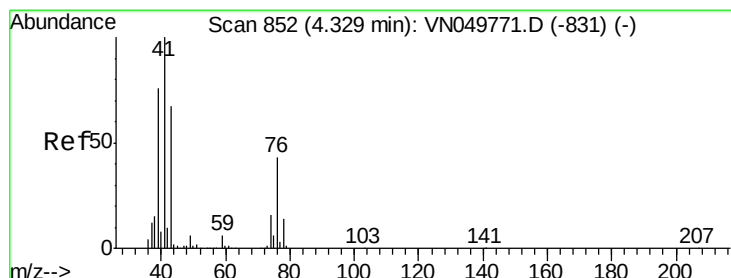
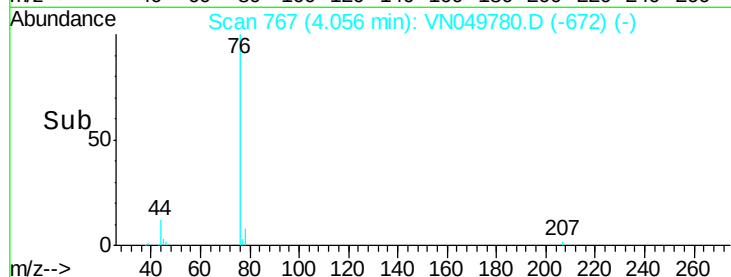
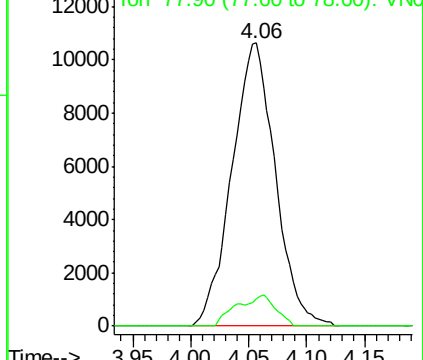
Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN049771.D (-742) (-)



#18

Methyl Acetate

Concen: 1.074 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049780.D

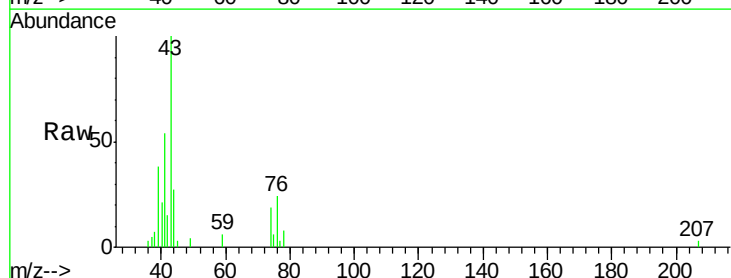
Acq: 12 Jul 2018 20:10

Tgt Ion: 43 Resp: 18099

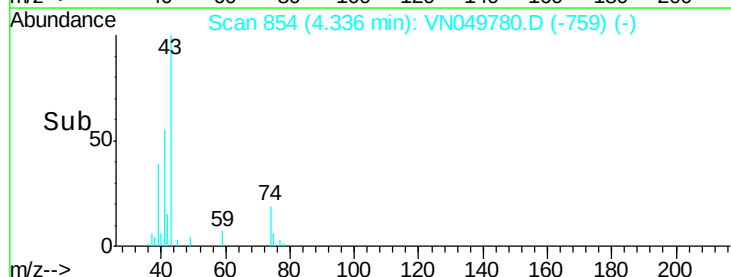
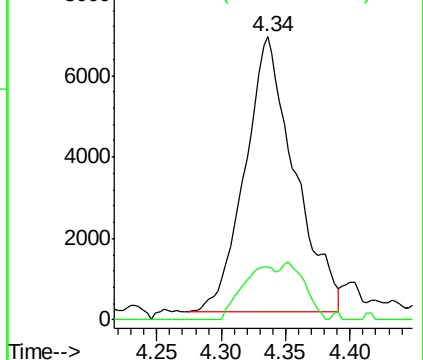
Ion Ratio Lower Upper

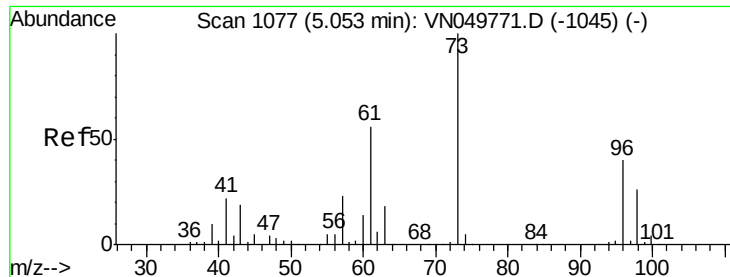
43 100

74 13.2 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN049771.D (-831) (-)

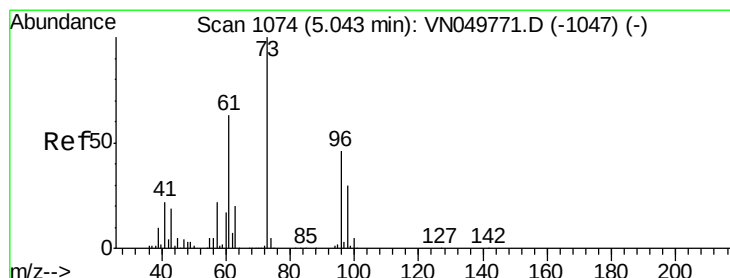
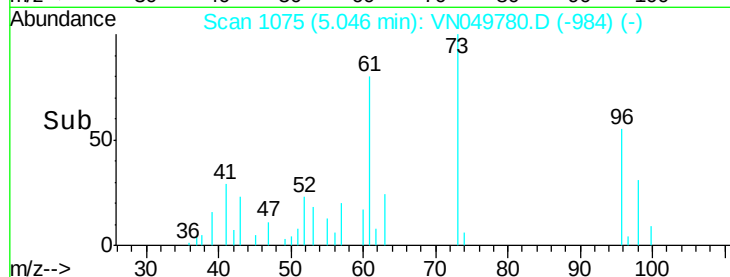
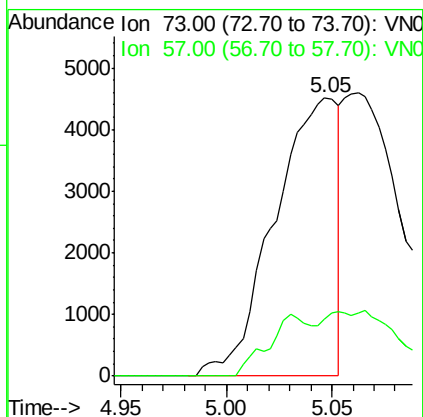
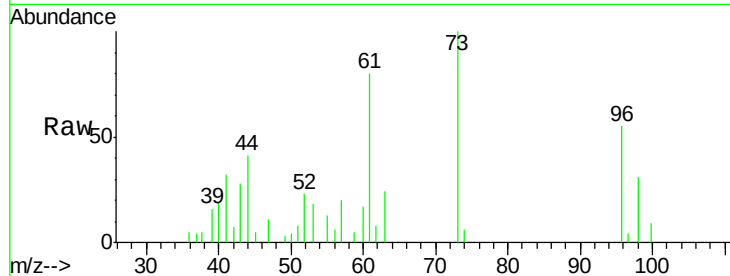




#19
Methyl tert-butyl Ether
Concen: 0.302 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

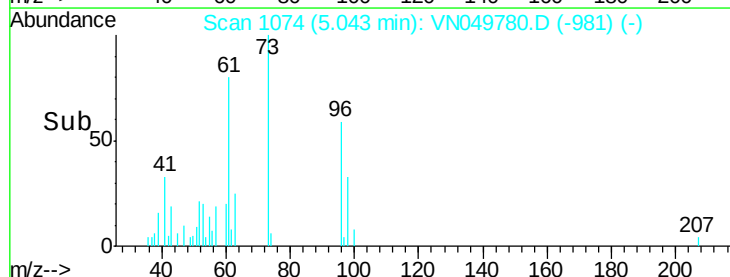
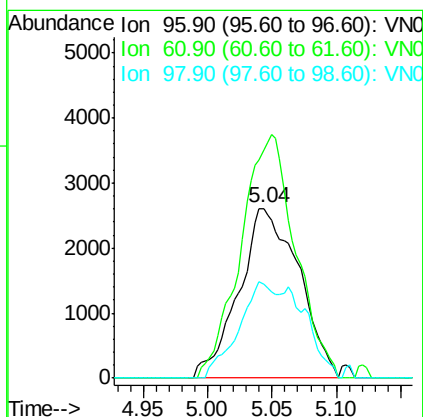
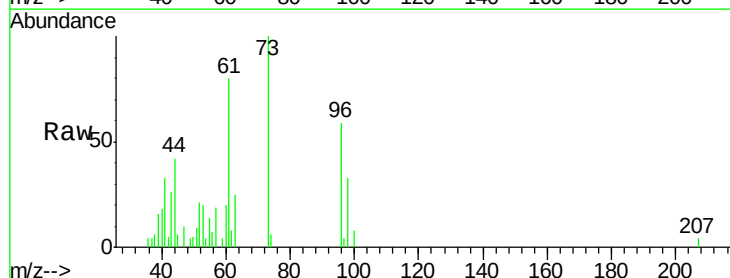
Instrument :
MSVOA_N
ClientSampled :

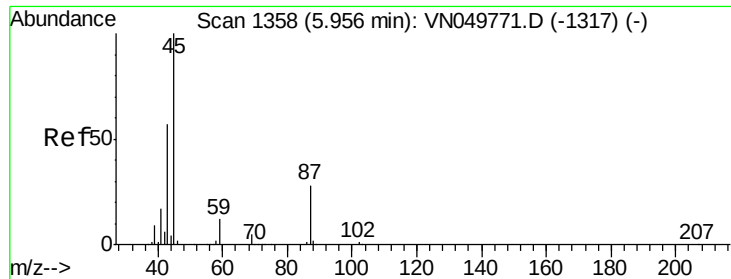
Tot Ion: 73 Resp: 9410
Ion Ratio Lower Upper
73 100
57 20.3 18.1 27.1



#21
trans-1,2-Dichloroethene
Concen: 0.689 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 96 Resp: 8445
Ion Ratio Lower Upper
96 100
61 134.2 109.0 163.6
98 55.6 51.1 76.7

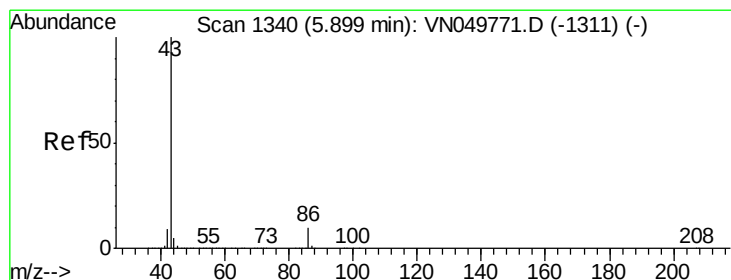
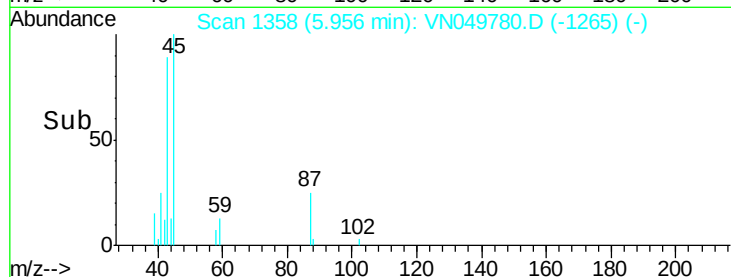
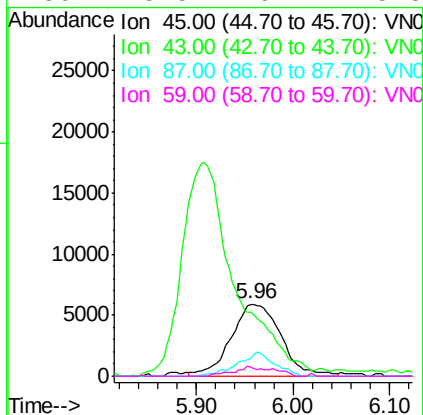
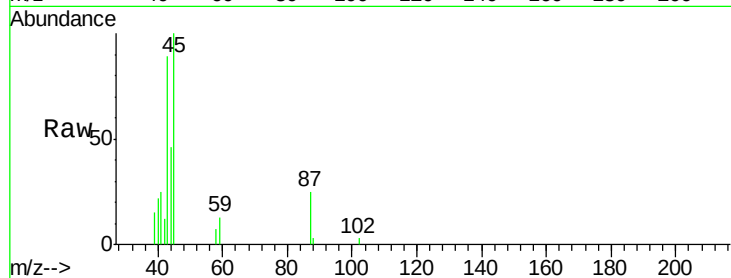




#22
Diisopropyl ether
Concen: 0.562 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

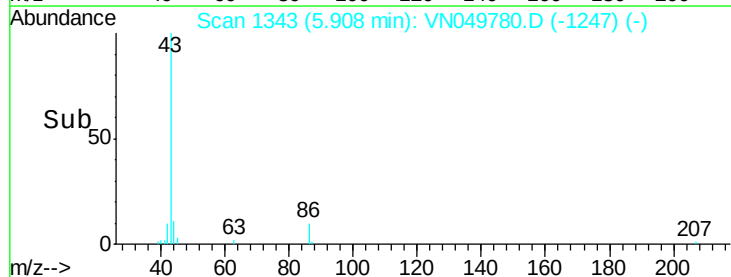
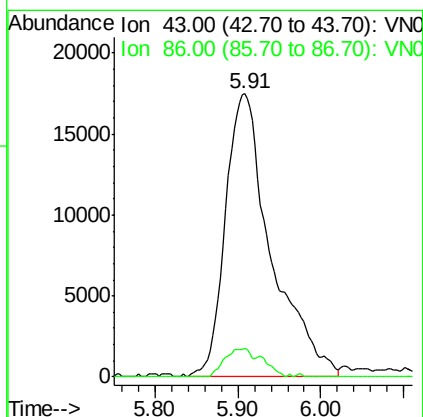
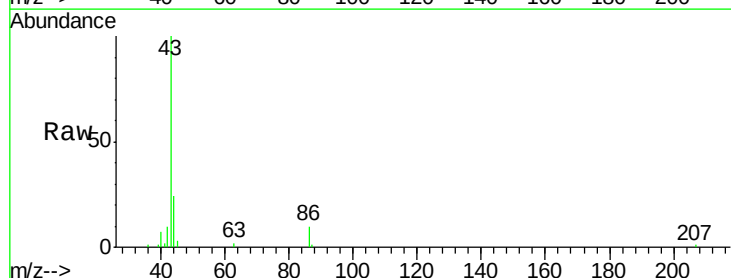
Instrument :
MSVOA_N
ClientSampled :

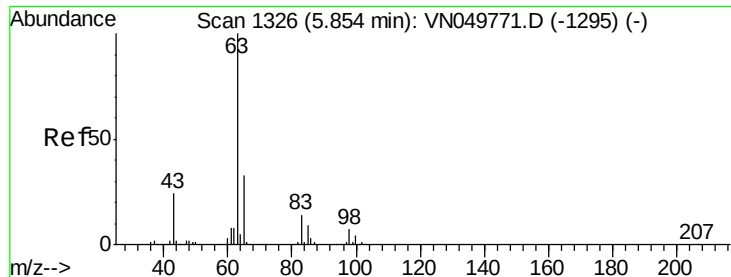
Tot Ion: 45 Resp: 21131
Ion Ratio Lower Upper
45 100
43 83.3 48.1 72.1#
87 25.7 22.6 34.0
59 13.5 9.2 13.8



#23
Vinyl Acetate
Concen: 2.659 ug/l
RT: 5.91 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 43 Resp: 67027
Ion Ratio Lower Upper
43 100
86 10.1 8.4 12.6

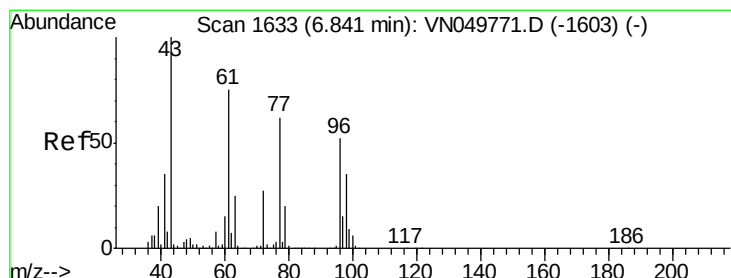
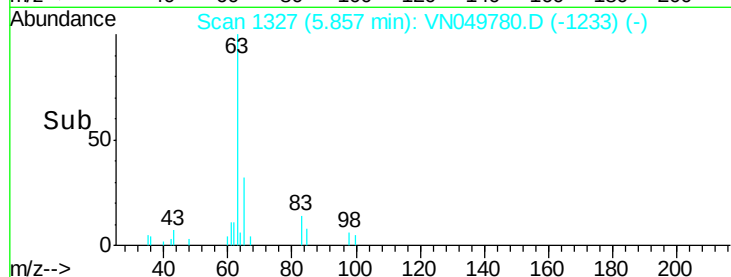
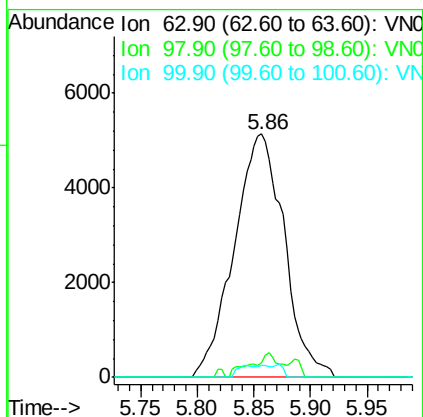
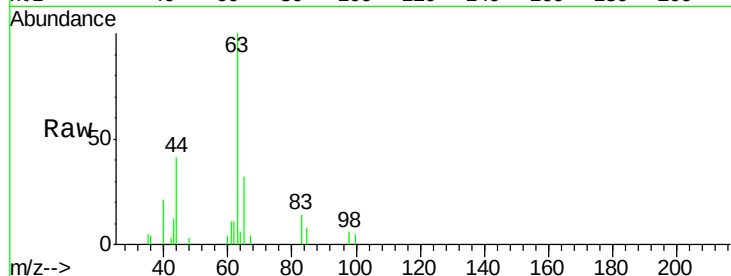




#24
 1,1-Dichloroethane
 Concen: 0.667 ug/l
 RT: 5.86 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

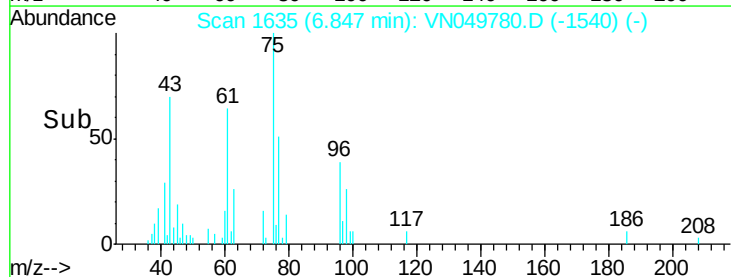
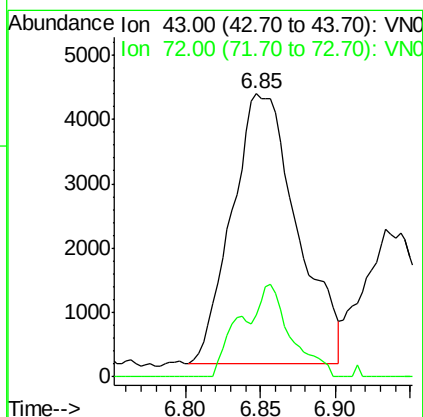
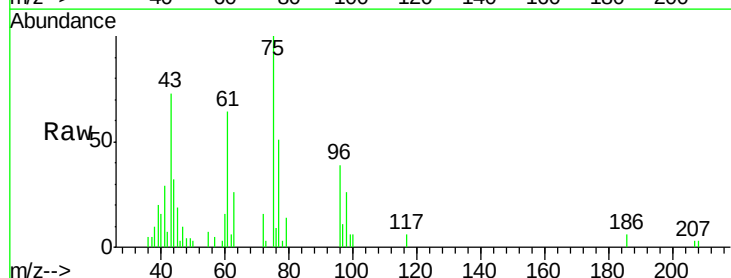
Instrument :
 MSVOA_N
 ClientSampled :

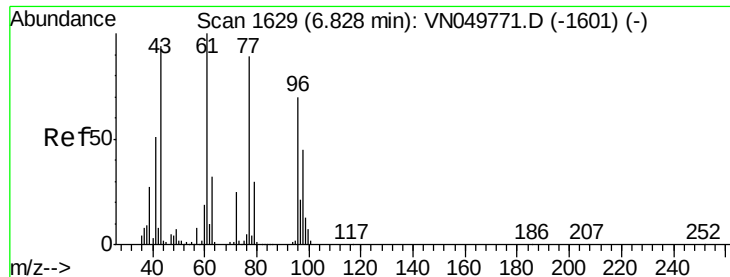
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.4	10.2
100	5.0	2.2	6.6



#25
 2-Butanone
 Concen: 2.703 ug/l
 RT: 6.85 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.9	22.1	33.1

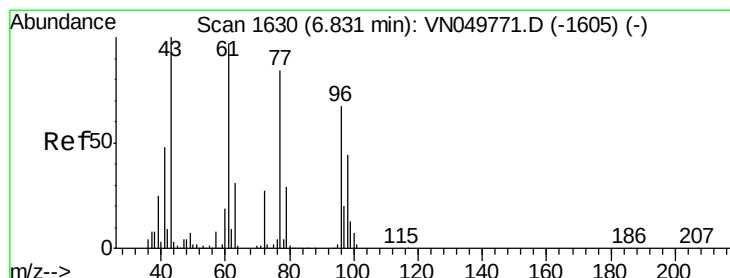
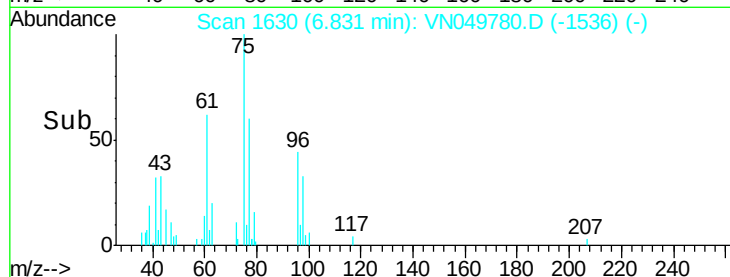
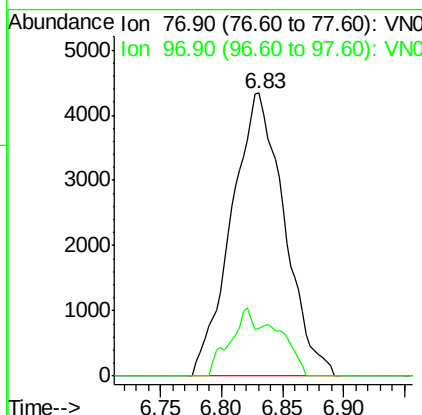
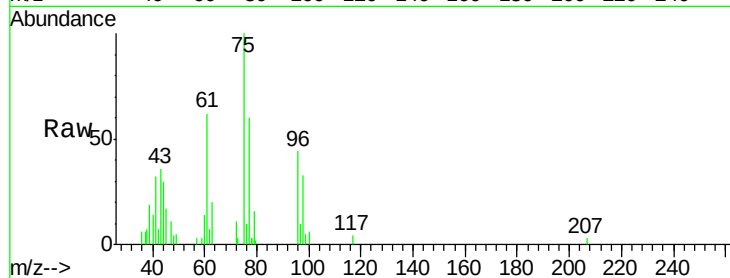




#26
 2,2-Dichloropropane
 Concen: 0.663 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

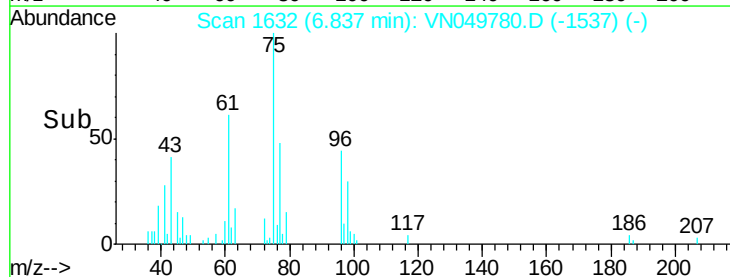
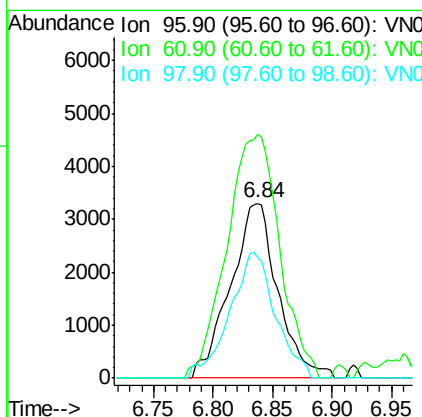
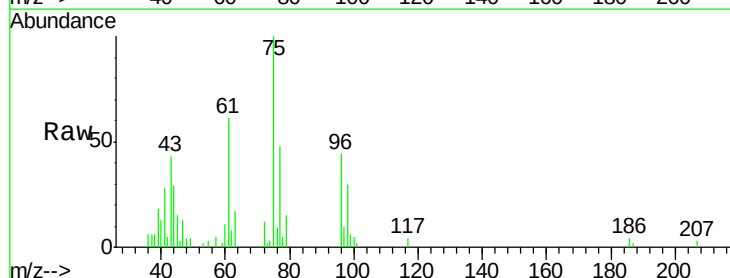
Instrument :
 MSVOA_N
 ClientSampleId :

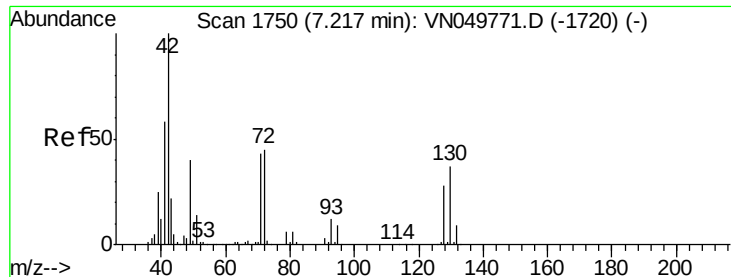
Tot Ion: 77 Resp: 13009
 Ion Ratio Lower Upper
 77 100
 97 12.2 11.9 35.5



#27
 cis-1,2-Dichloroethene
 Concen: 0.649 ug/l
 RT: 6.84 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

Tgt Ion: 96 Resp: 9109
 Ion Ratio Lower Upper
 96 100
 61 155.5 0.0 289.0
 98 69.1 0.0 130.2

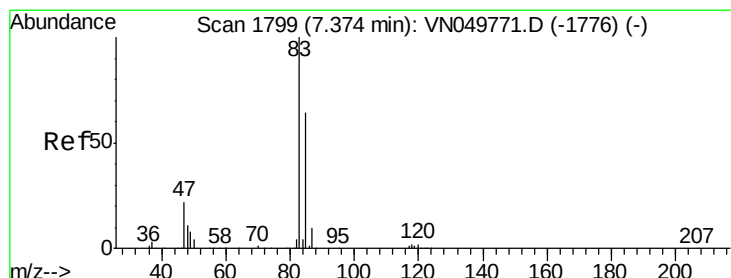
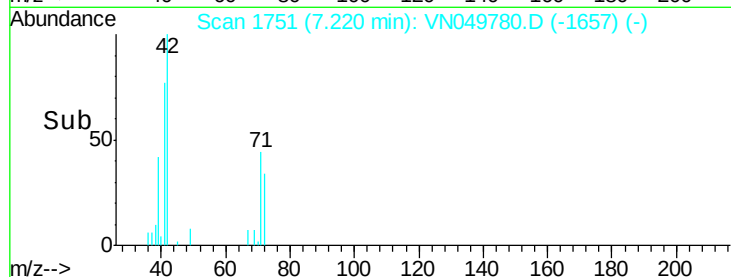
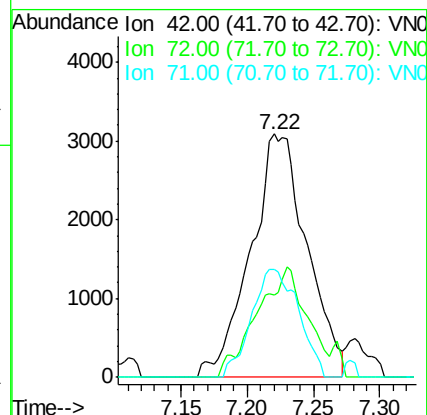
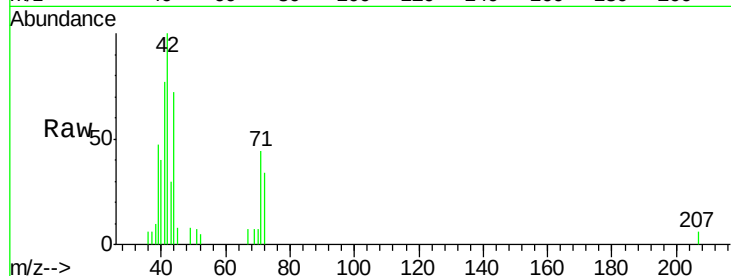




#29
Tetrahydrofuran
Concen: 3.096 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

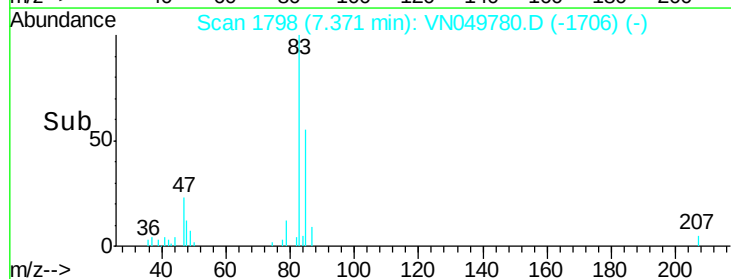
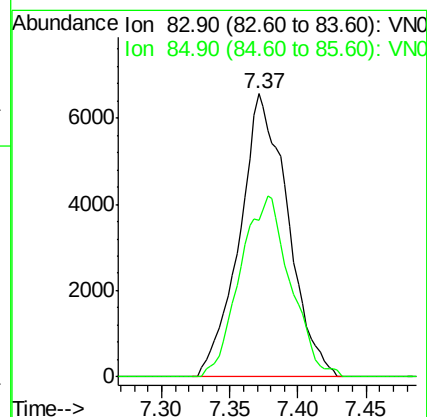
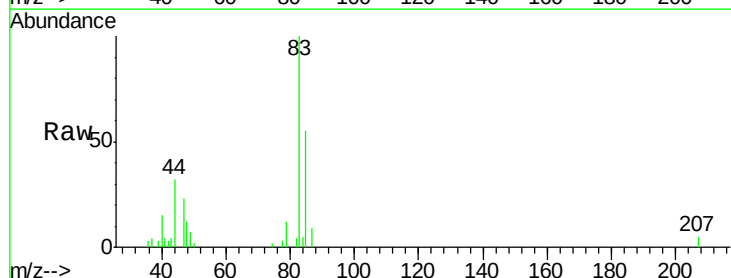
Instrument :
MSVOA_N
ClientSampled :

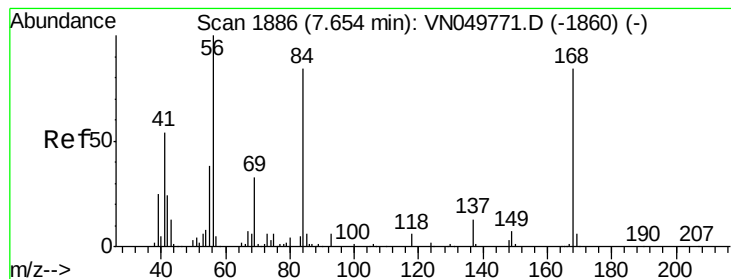
Tot Ion: 42 Resp: 9144
Ion Ratio Lower Upper
42 100
72 40.4 35.6 53.4
71 37.2 34.0 51.0



#30
Chloroform
Concen: 0.660 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 83 Resp: 16068
Ion Ratio Lower Upper
83 100
85 55.4 51.4 77.2





#31

Cyclohexane

Concen: 1.337 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. 0.01 min

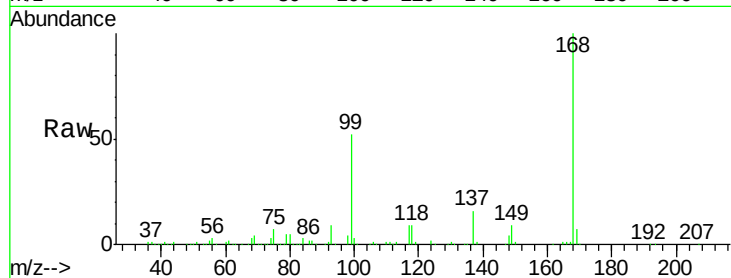
Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

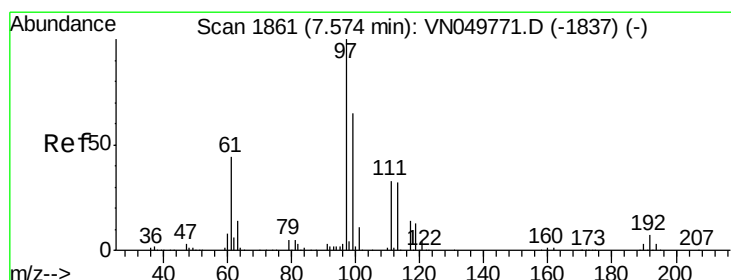
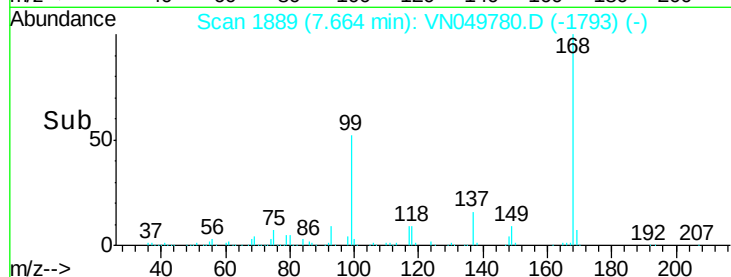
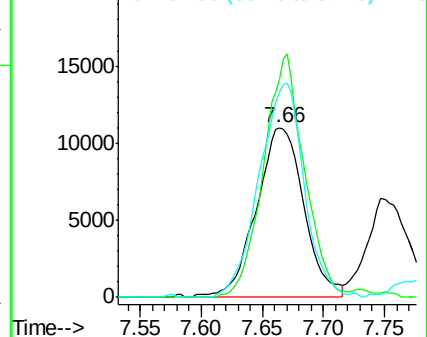
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 29804

Ion	Ratio	Lower	Upper
56	100		
69	128.9	26.6	40.0#
84	121.3	69.0	103.6#



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: 0.649 ug/l

RT: 7.57 min Scan# 1861

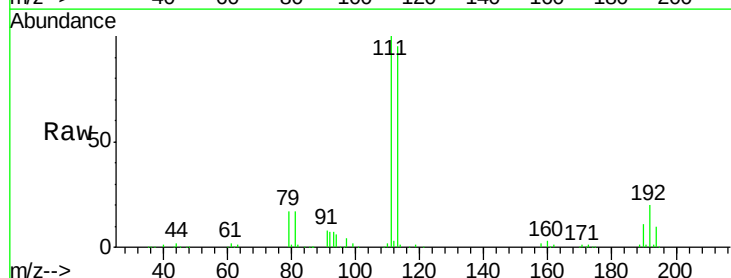
Delta R.T. -0.00 min

Lab File: VN049780.D

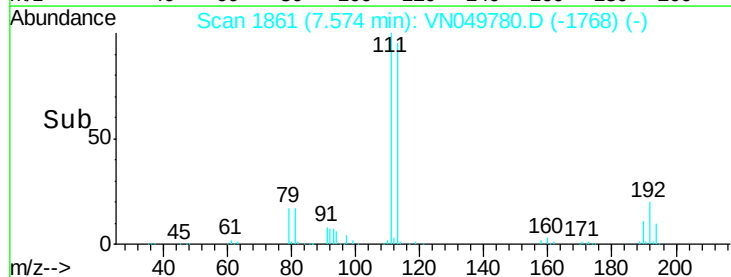
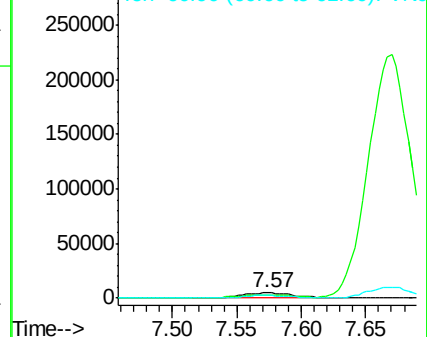
Acq: 12 Jul 2018 20:10

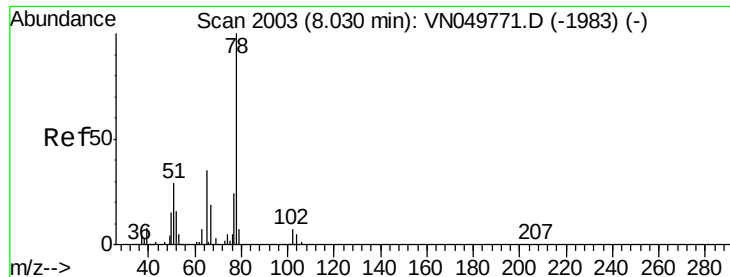
Tgt Ion: 97 Resp: 13423

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	48.4	35.5	53.3



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

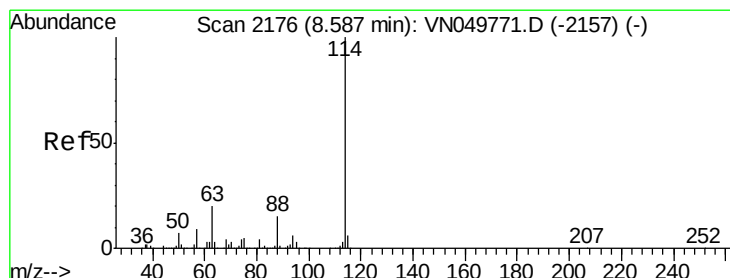
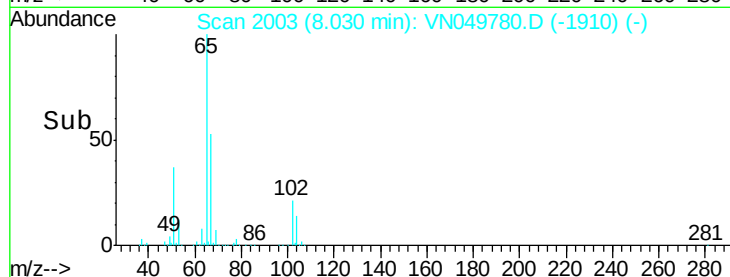
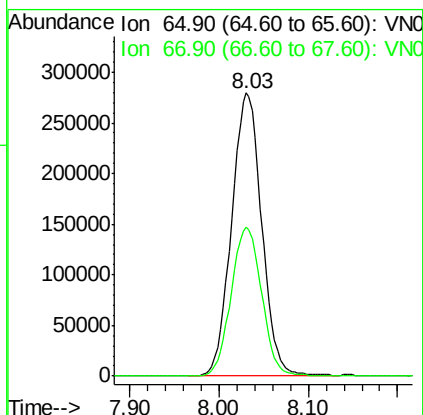
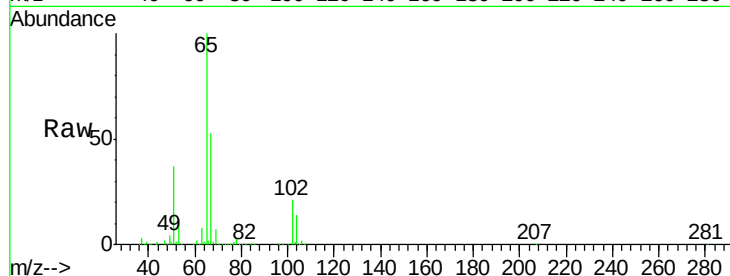




#33
 1,2-Dichloroethane-d4
 Concen: 54.238 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

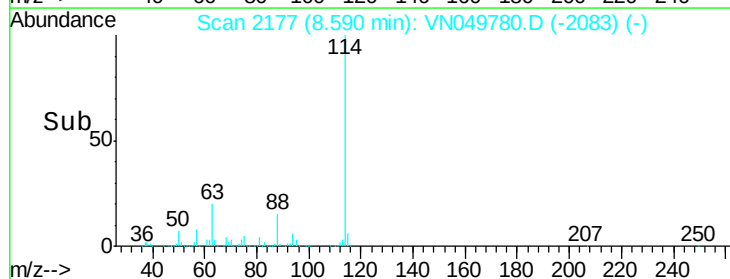
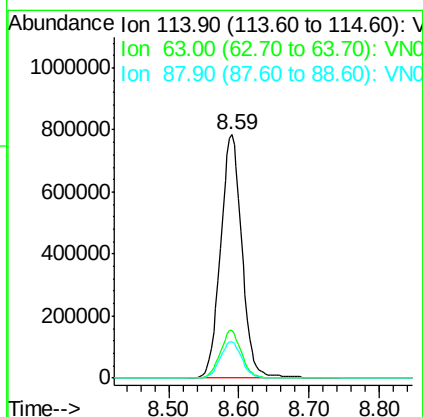
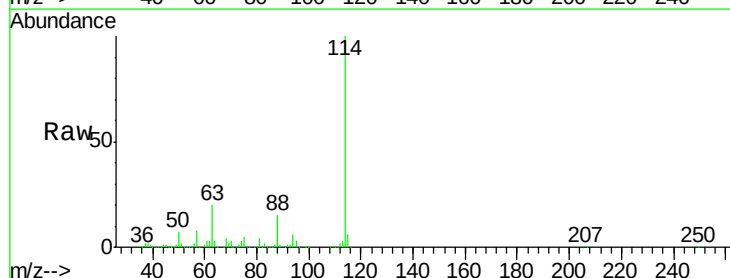
Instrument :
 MSVOA_N
 ClientSampleId :

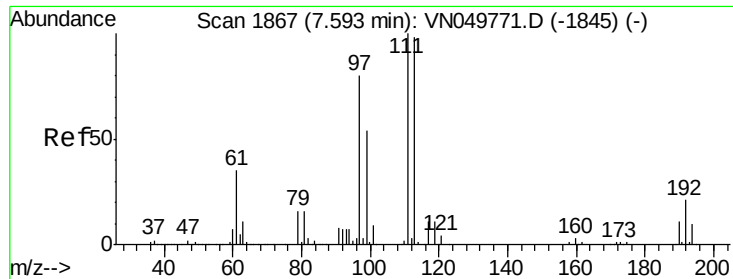
Tot Ion: 65 Resp: 654655
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

Tgt Ion: 114 Resp: 1657152
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.1 0.0 30.6

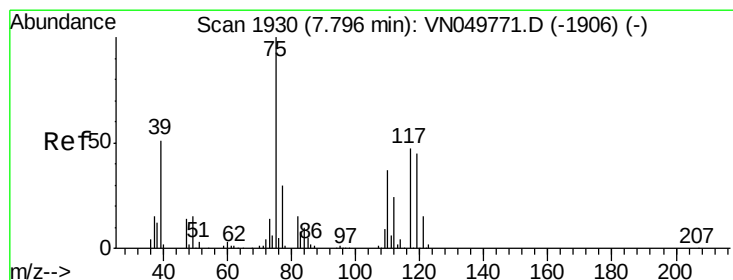
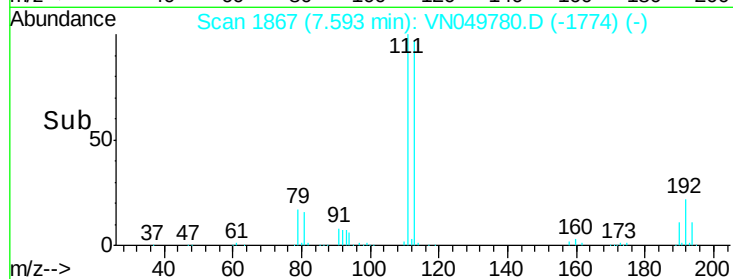
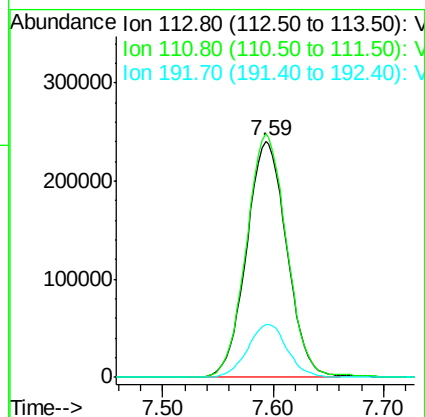
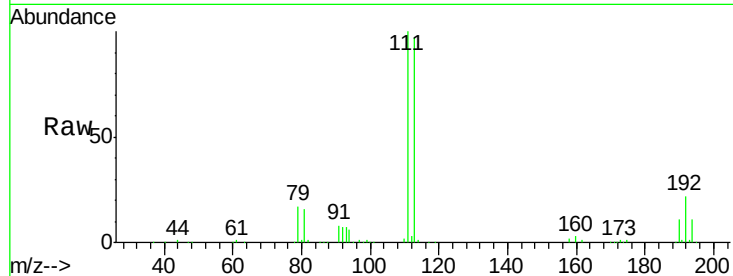




#35
 Dibromofluoromethane
 Concen: 48.759 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

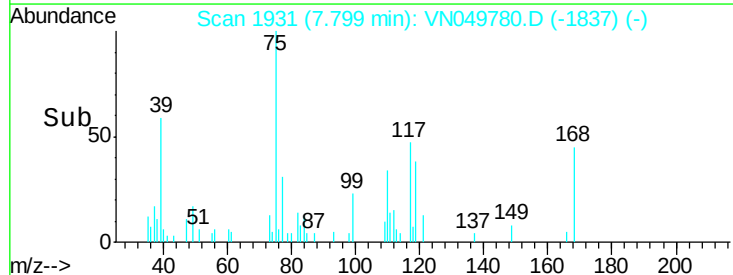
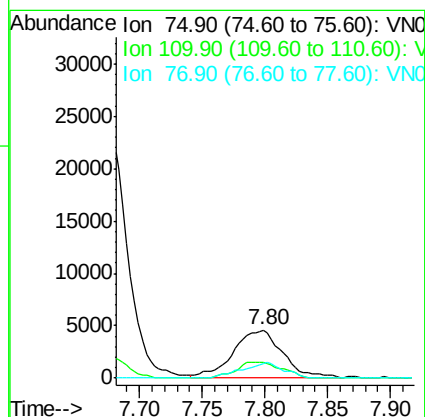
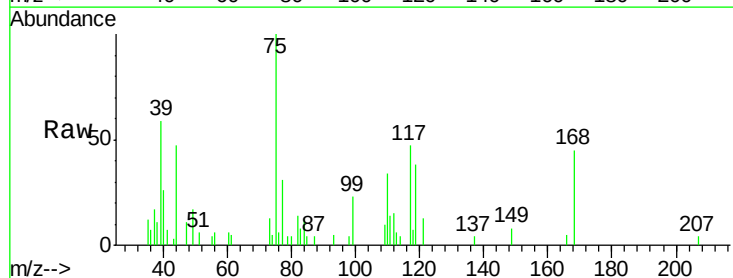
Instrument :
 MSVOA_N
 ClientSampleId :

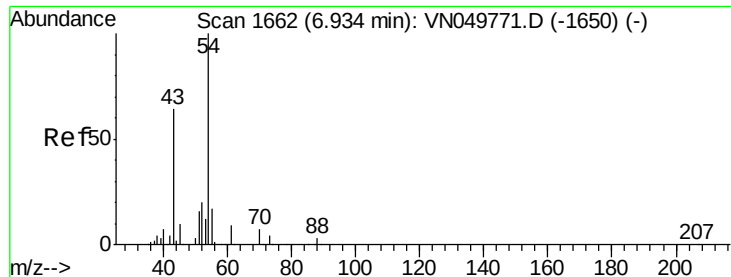
Tot Ion:113 Resp: 609062
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 22.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 0.660 ug/l
 RT: 7.80 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

Tgt Ion: 75 Resp: 12612
 Ion Ratio Lower Upper
 75 100
 110 30.7 18.1 54.4
 77 27.0 24.9 37.3

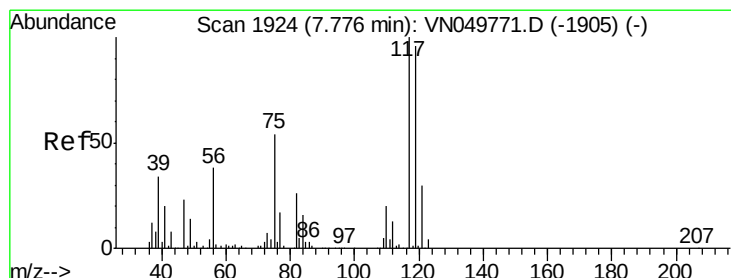
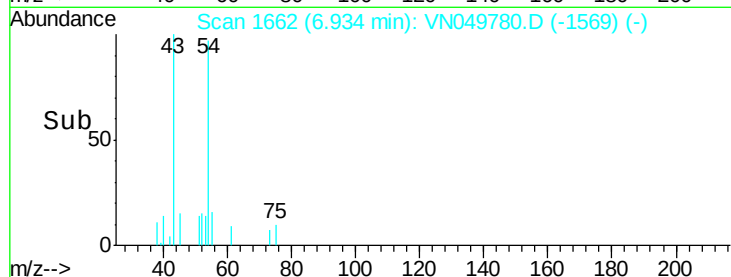
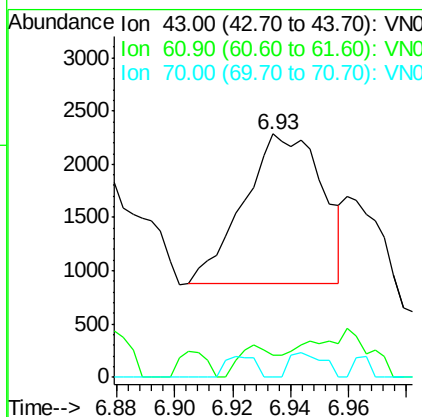
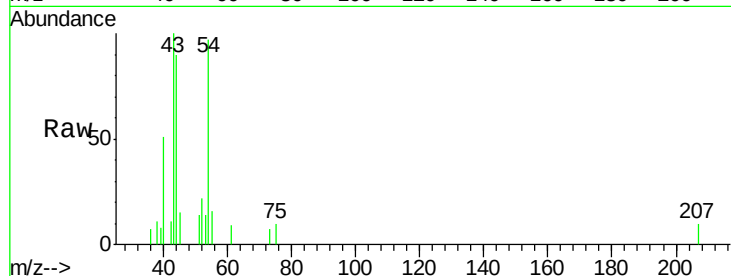




#37
Ethyl Acetate
Concen: 0.233 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

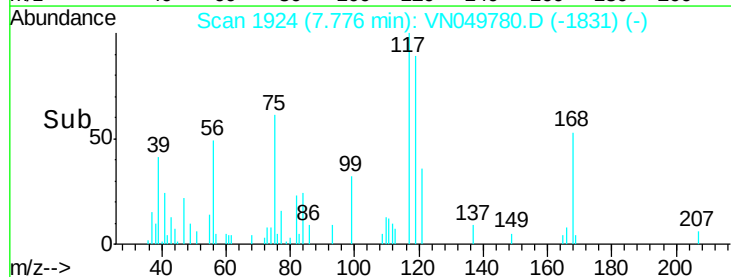
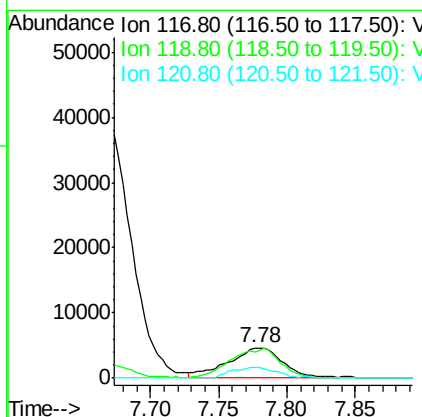
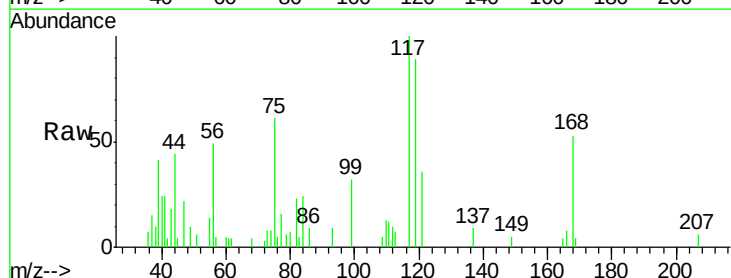
Instrument :
MSVOA_N
ClientSampled :

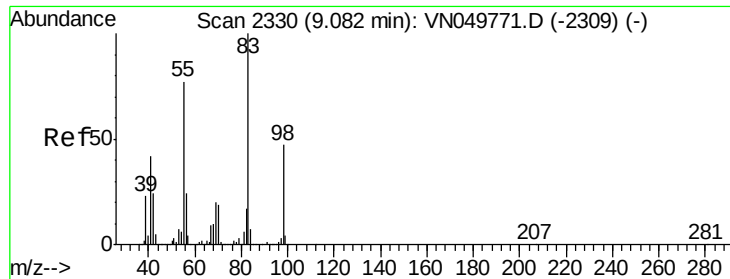
Tot Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 6.9 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 0.613 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 117 Resp: 12243
Ion Ratio Lower Upper
117 100
119 92.0 77.2 115.8
121 36.8 25.0 37.6

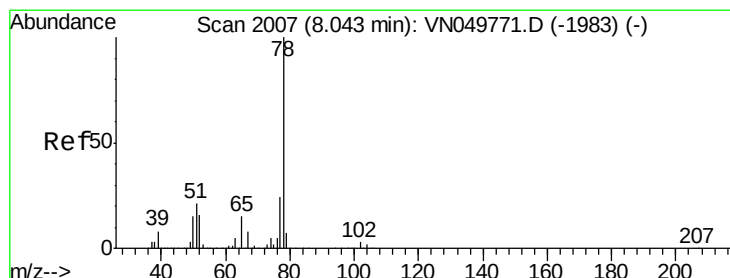
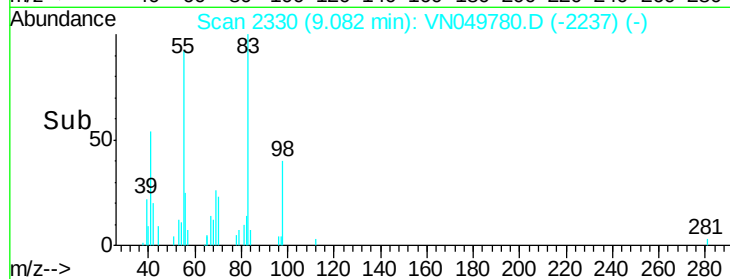
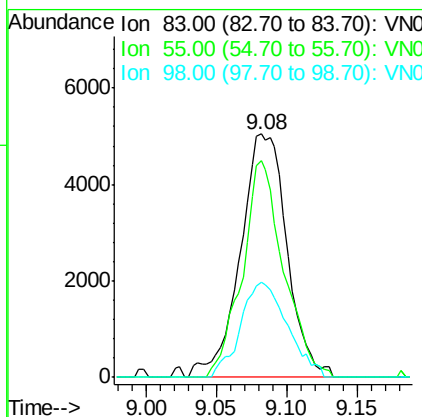
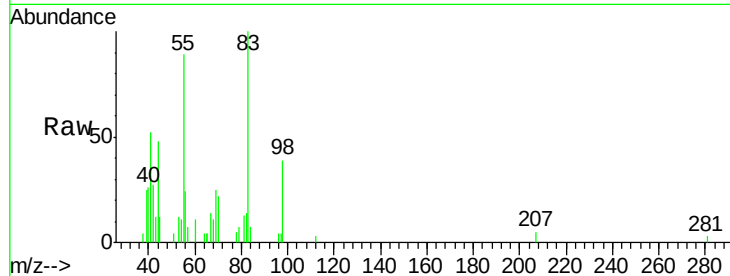




#39
Methylvlcyclohexane
Concen: 0.581 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

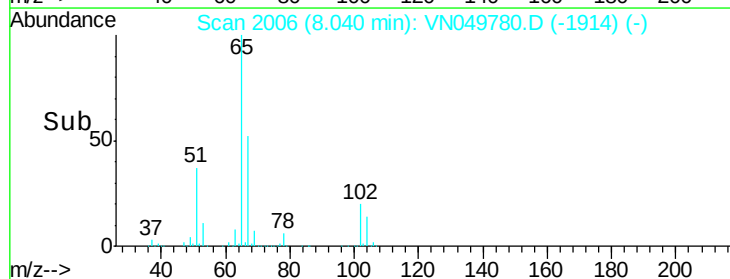
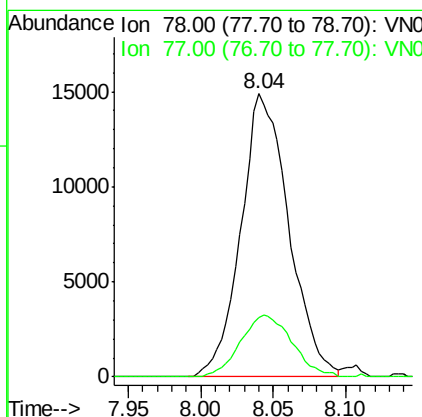
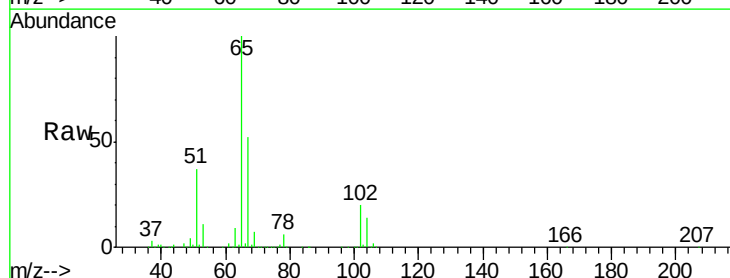
Instrument :
MSVOA_N
ClientSampled :

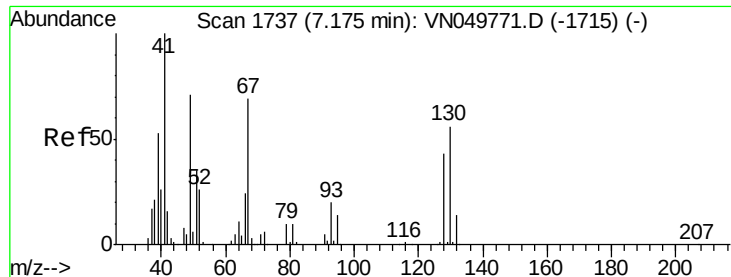
Tot Ion: 83 Resp: 11693
Ion Ratio Lower Upper
83 100
55 89.0 59.7 89.5
98 38.8 36.5 54.7



#40
Benzene
Concen: 0.600 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 78 Resp: 34289
Ion Ratio Lower Upper
78 100
77 21.1 19.0 28.4

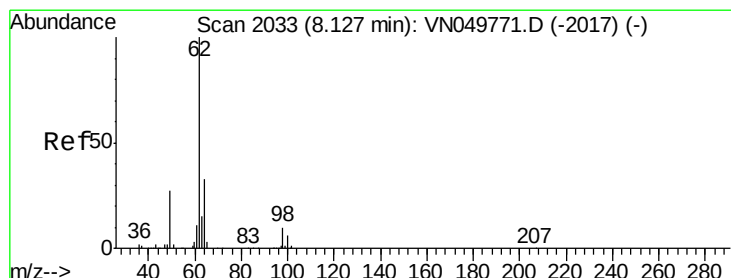
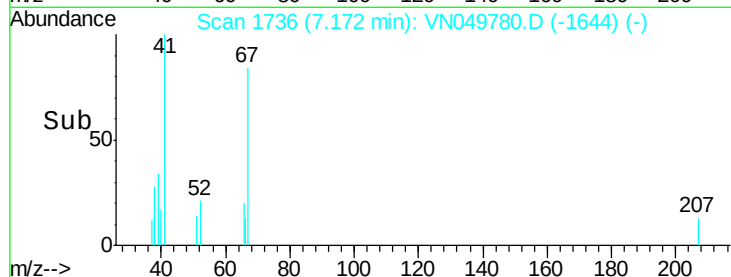
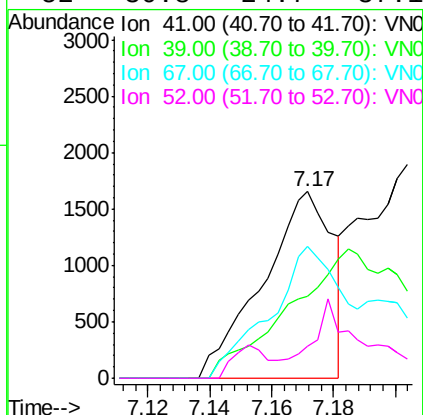
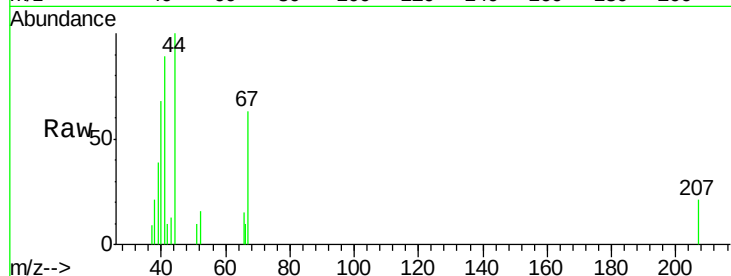




#41
Methacrylonitrile
Concen: 0.407 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

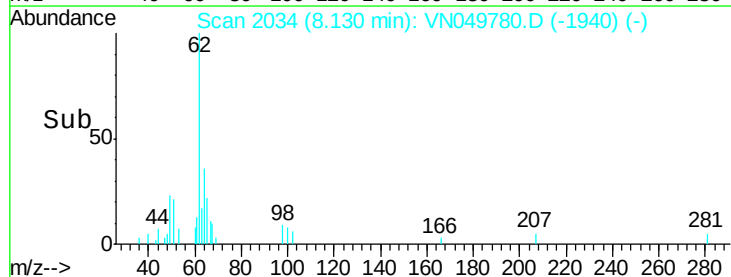
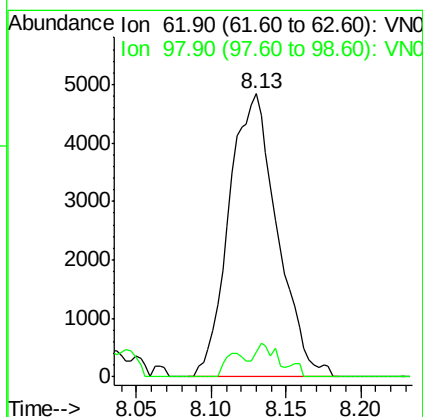
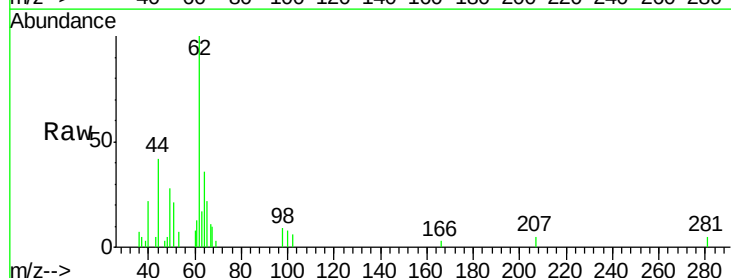
Instrument :
MSVOA_N
ClientSampled :

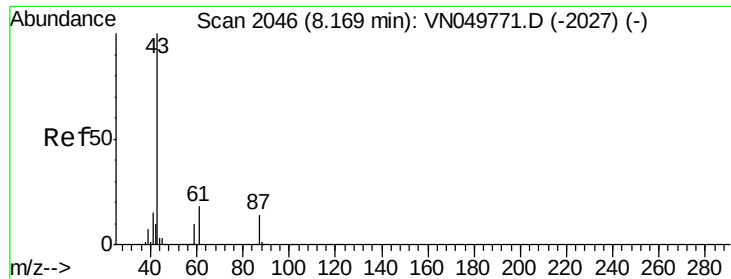
Tot Ion: 41 Resp: 2601
Ion Ratio Lower Upper
41 100
39 108.1 45.4 68.2#
67 73.0 65.4 98.0
52 30.8 24.7 37.1



#42
1,2-Dichloroethane
Concen: 0.581 ug/l
RT: 8.13 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 62 Resp: 10865
Ion Ratio Lower Upper
62 100
98 5.3 0.0 19.0





#43

Isopropyl Acetate

Concen: 0.532 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :
MSVOA_N
ClientSampled :

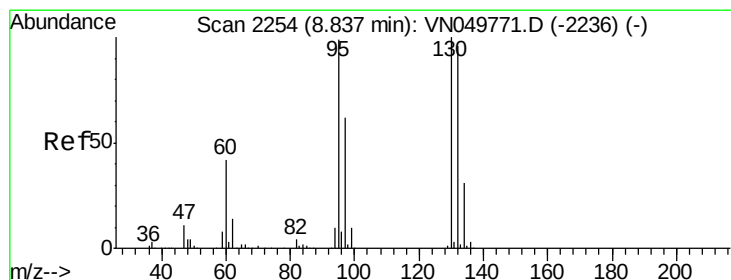
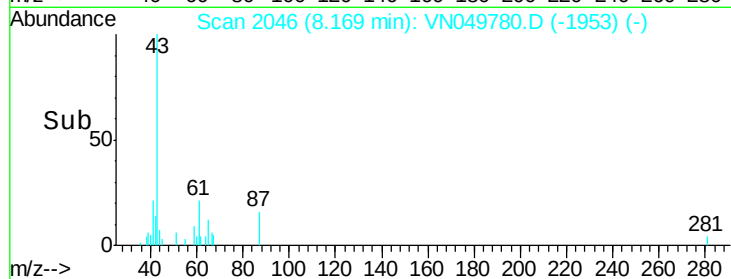
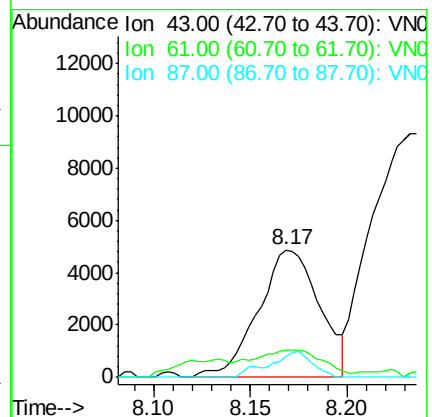
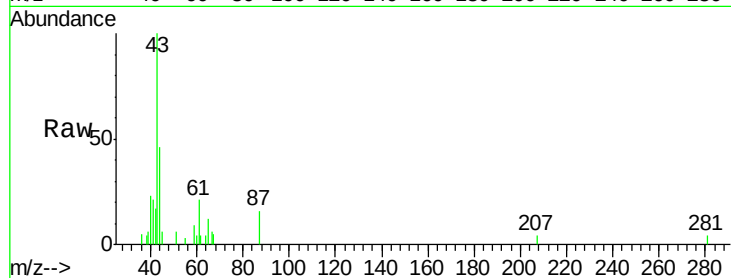
Tot Ion: 43 Resp: 10804

Ion Ratio Lower Upper

43 100

61 15.5 14.9 22.3

87 11.6 10.0 15.0



#44

Trichloroethene

Concen: 0.629 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049780.D

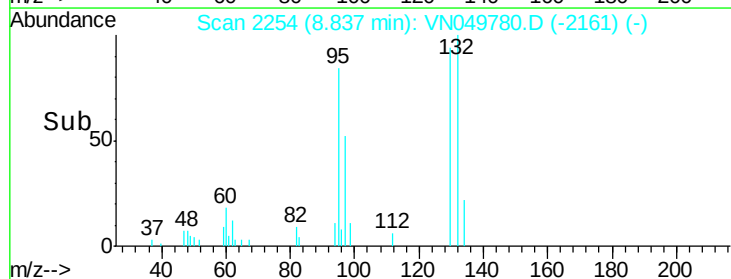
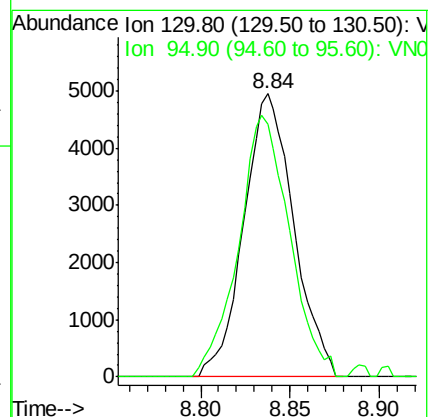
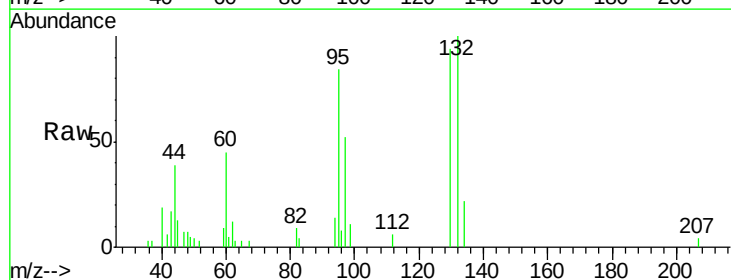
Acq: 12 Jul 2018 20:10

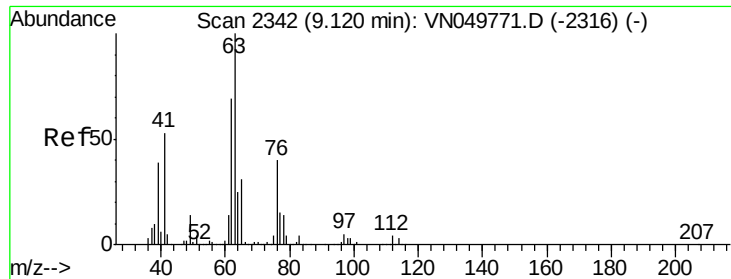
Tgt Ion: 130 Resp: 9679

Ion Ratio Lower Upper

130 100

95 89.5 0.0 192.8





#45

1,2-Dichloropropane

Concen: 0.615 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

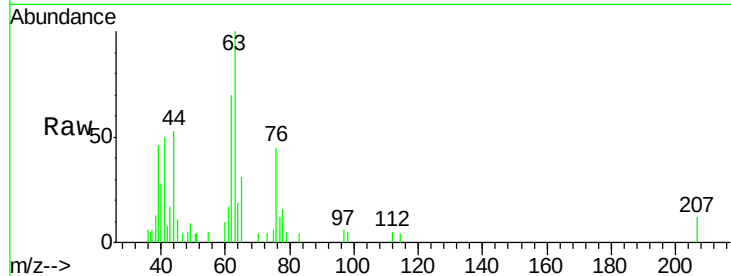
ClientSampled :

Tot Ion: 63 Resp: 9435

Ion Ratio Lower Upper

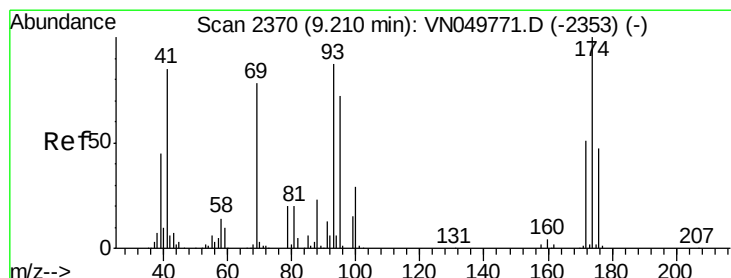
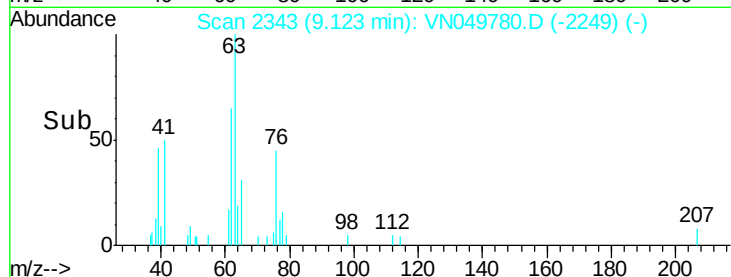
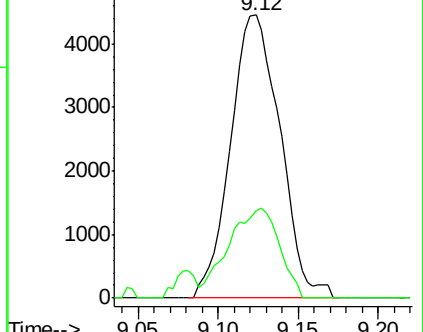
63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN049771.D (-2316) (-)

Ion 64.90 (64.60 to 65.60): VN049771.D (-2316) (-)



#46

Dibromomethane

Concen: 0.668 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

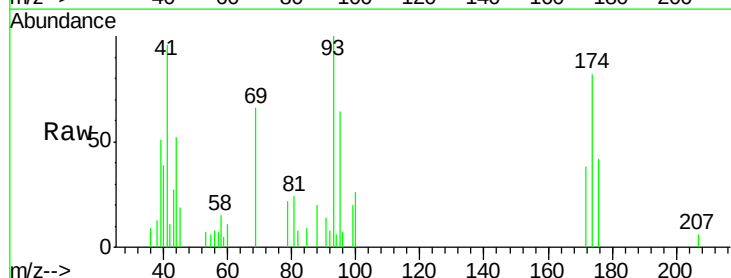
Tgt Ion: 93 Resp: 6089

Ion Ratio Lower Upper

93 100

95 65.8 67.9 101.9#

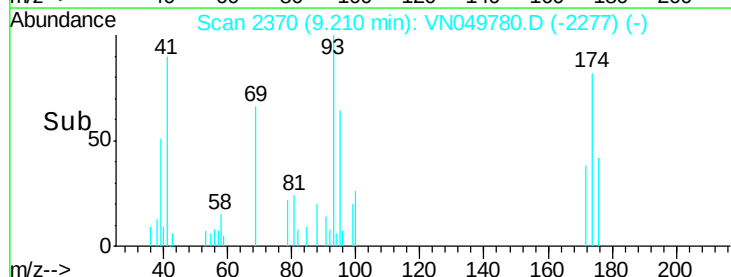
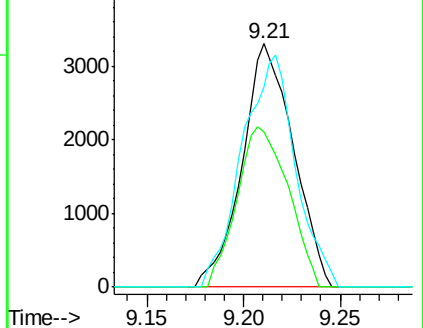
174 99.3 89.4 134.0

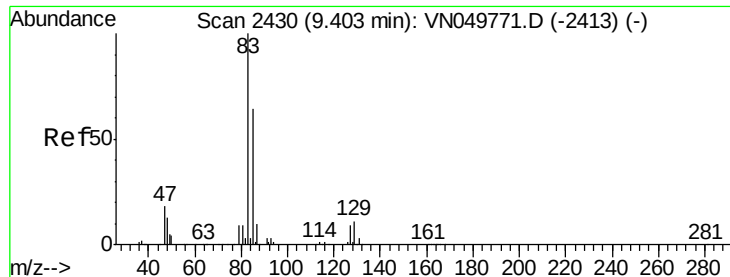


Abundance Ion 92.80 (92.50 to 93.50): VN049771.D (-2353) (-)

Ion 94.80 (94.50 to 95.50): VN049771.D (-2353) (-)

Ion 173.70 (173.40 to 174.40): VN049771.D (-2353) (-)





#47

Bromodichloromethane

Concen: 0.578 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampled :

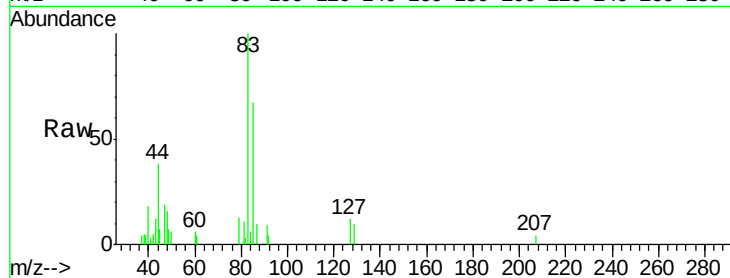
Tot Ion: 83 Resp: 11611

Ion Ratio Lower Upper

83 100

85 66.8 50.5 75.7

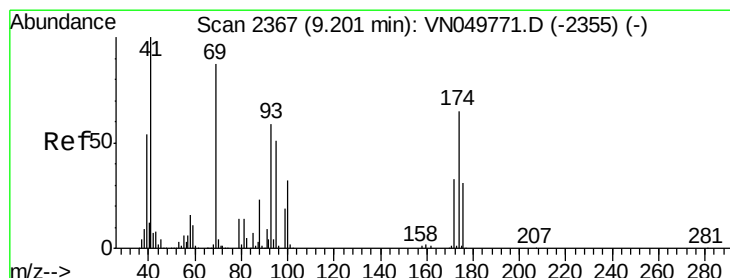
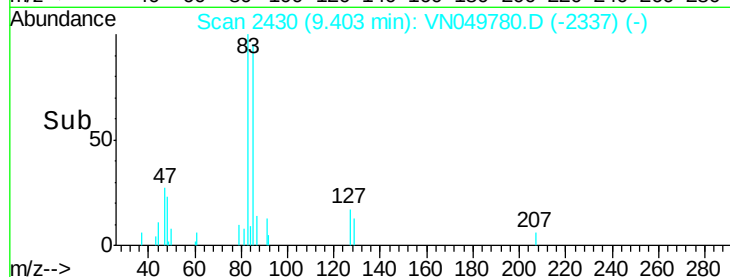
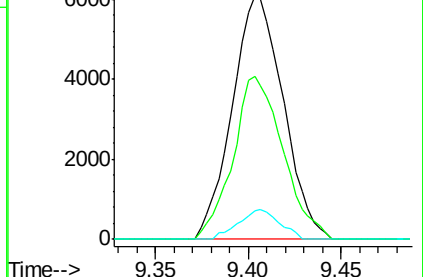
127 11.6 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VN049780.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049780.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049780.D (-2337) (-)



#48

Methyl methacrylate

Concen: 0.612 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.01 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

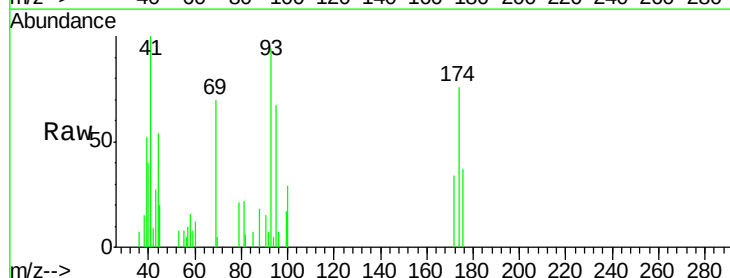
Tgt Ion: 41 Resp: 6214

Ion Ratio Lower Upper

41 100

69 71.2 71.5 107.3#

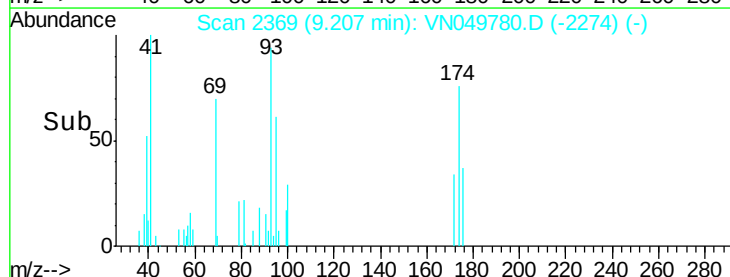
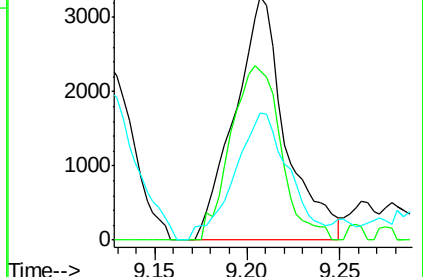
39 56.1 44.7 67.1

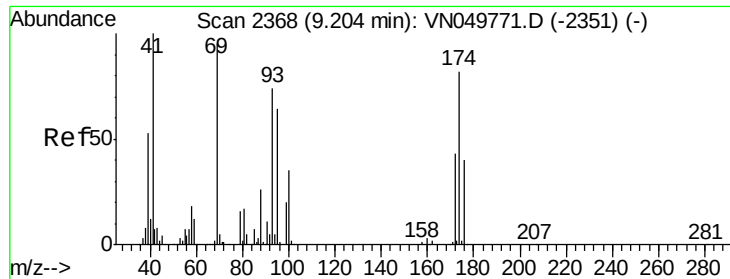


Abundance Ion 41.00 (40.70 to 41.70): VN049780.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049780.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049780.D (-2274) (-)

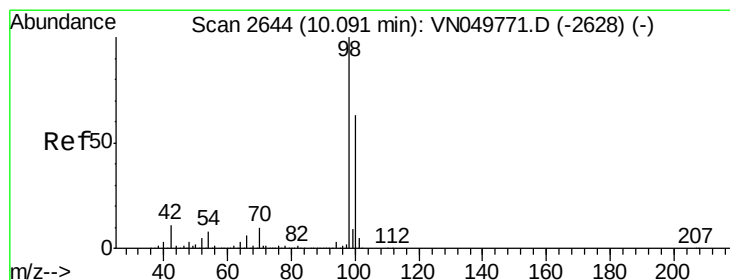
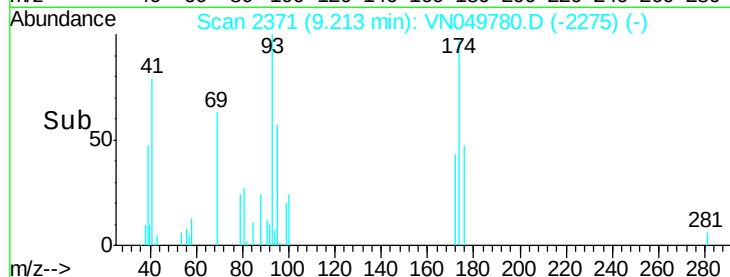
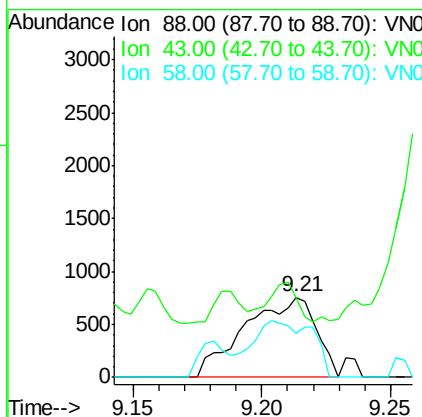
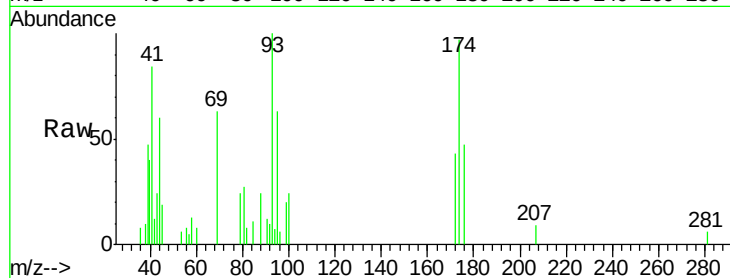




#49
1,4-Dioxane
Concen: 10.901 ug/l
RT: 9.21 min Scan# 2371
Delta R.T. 0.01 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

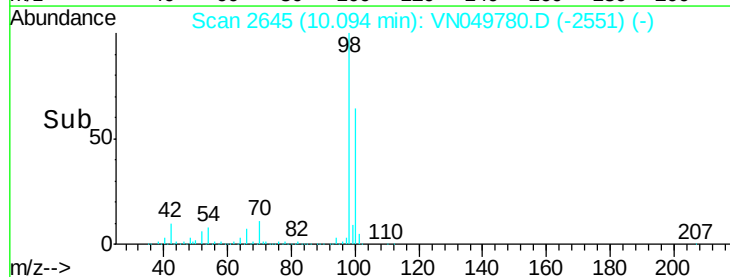
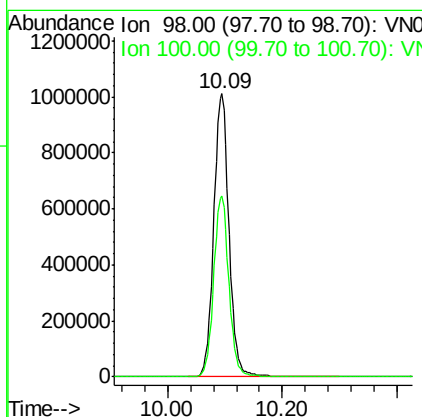
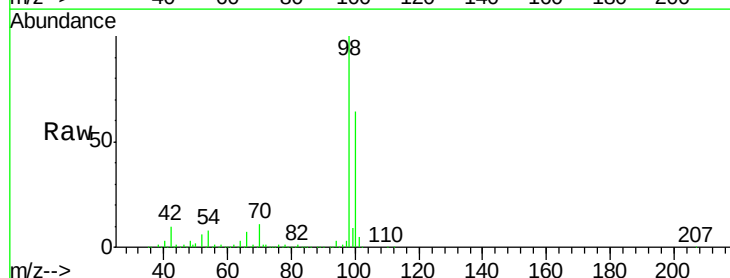
Instrument :
MSVOA_N
ClientSampled :

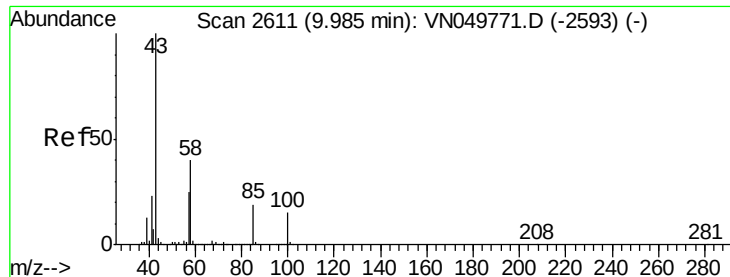
Tot Ion: 88 Resp: 1451
Ion Ratio Lower Upper
88 100
43 20.5 25.1 37.7#
58 60.1 52.5 78.7



#50
Toluene-d8
Concen: 43.731 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 98 Resp: 1869839
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

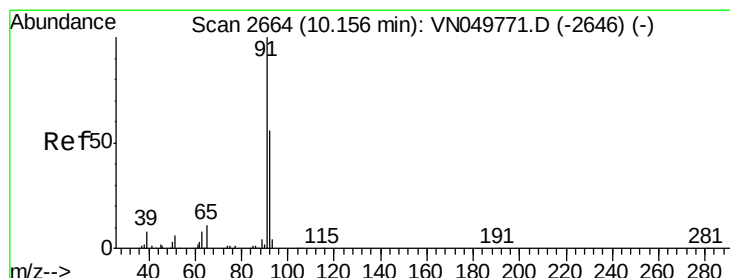
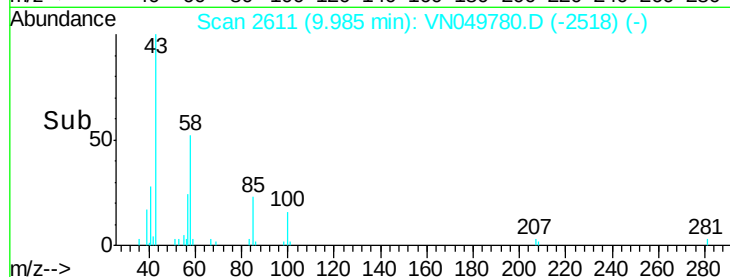
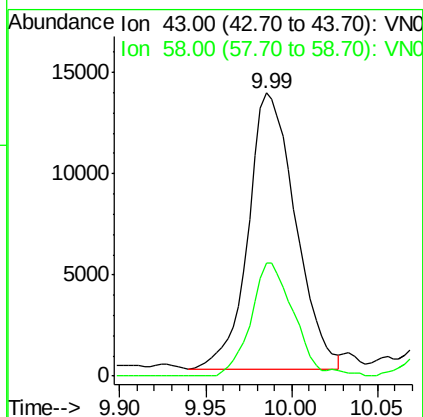
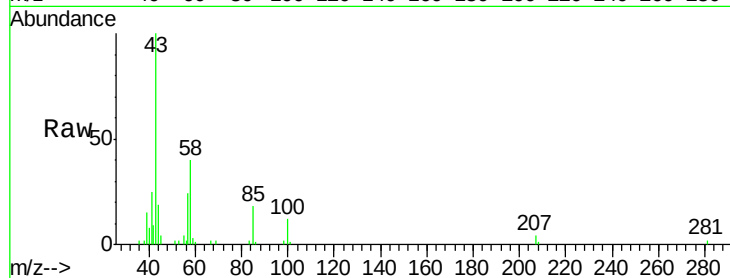




#51
4-Methyl-2-Pentanone
Concen: 2.351 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

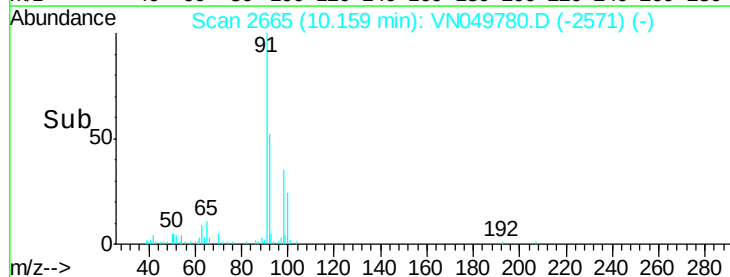
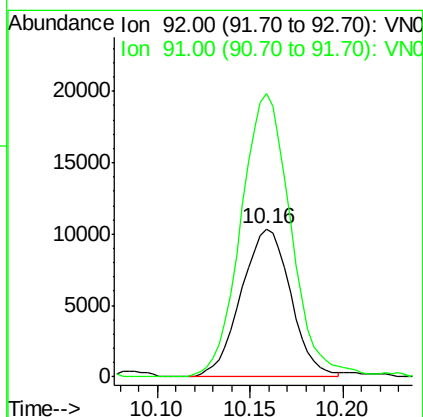
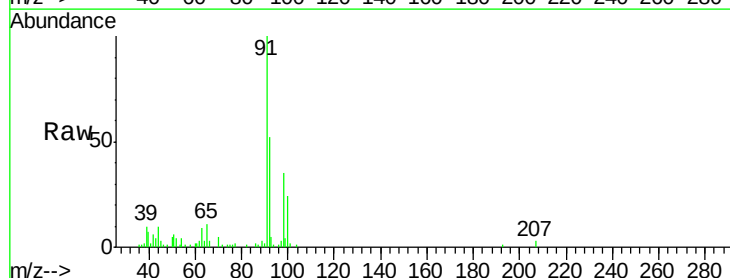
Instrument :
MSVOA_N
ClientSampled :

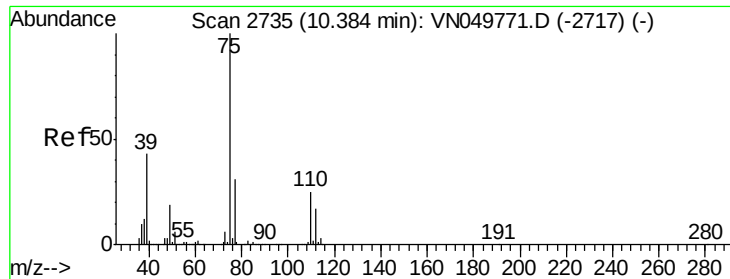
Tot Ion: 43 Resp: 25933
Ion Ratio Lower Upper
43 100
58 37.5 31.8 47.8



#52
Toluene
Concen: 0.564 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 92 Resp: 19297
Ion Ratio Lower Upper
92 100
91 192.2 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 0.534 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

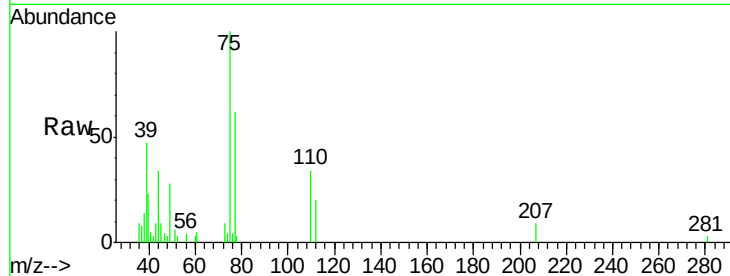
ClientSampleId :

Tot Ion: 75 Resp: 10319

Ion Ratio Lower Upper

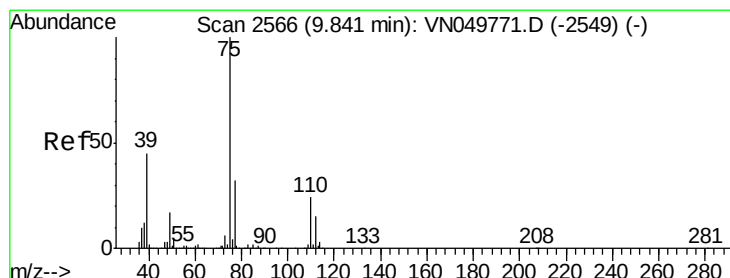
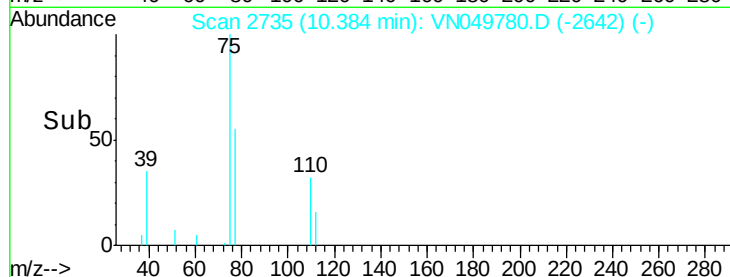
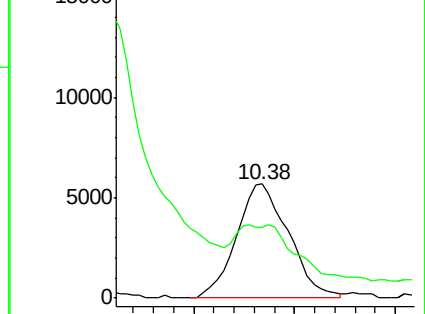
75 100

77 42.7 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.576 ug/l

RT: 9.84 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

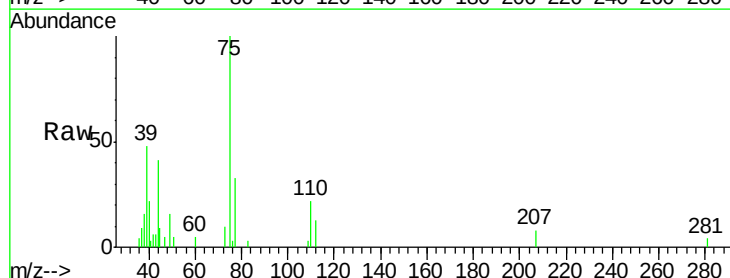
Tgt Ion: 75 Resp: 12682

Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

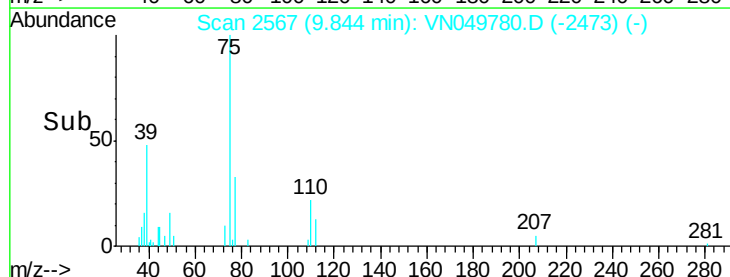
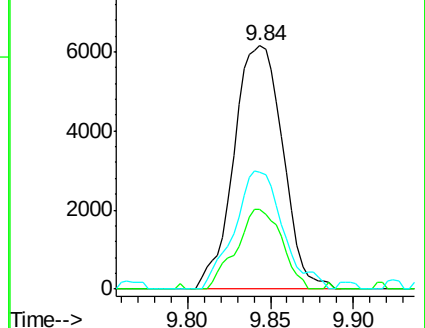
39 48.1 35.5 53.3

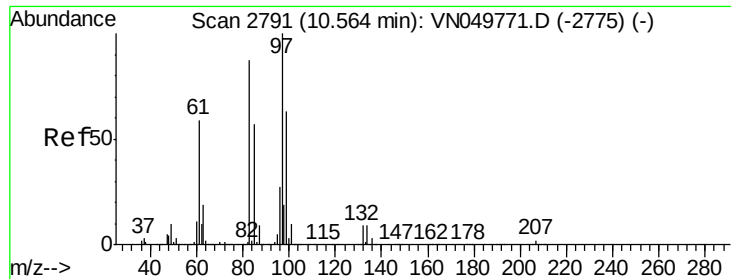


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 0.222 ug/l

RT: 10.56 min Scan# 2790

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 11614

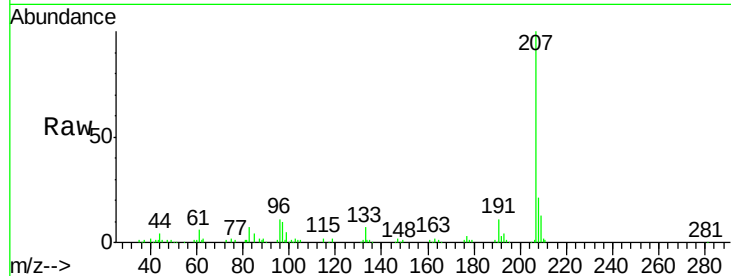
Ion Ratio Lower Upper

97 100

83 68.5 69.0 103.6#

85 43.9 44.9 67.3#

99 54.4 49.8 74.6

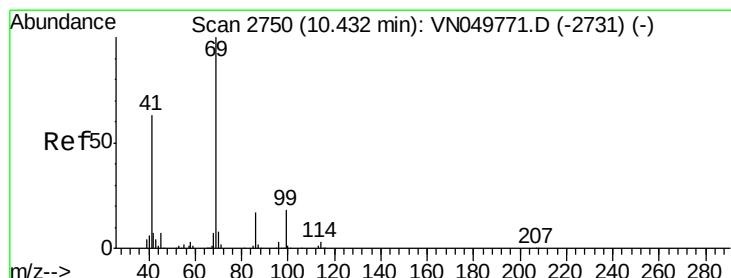
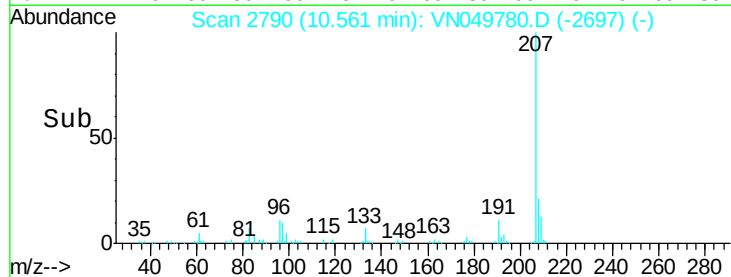
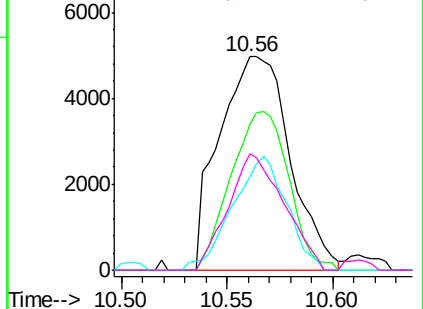


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 0.500 ug/l

RT: 10.44 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

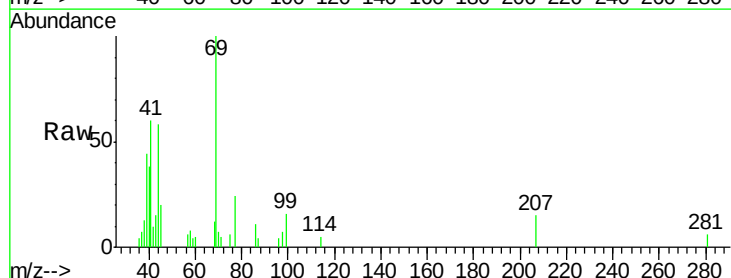
Tgt Ion: 69 Resp: 7720

Ion Ratio Lower Upper

69 100

41 70.1 51.6 77.4

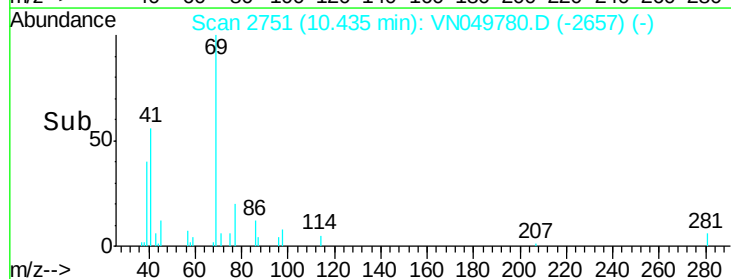
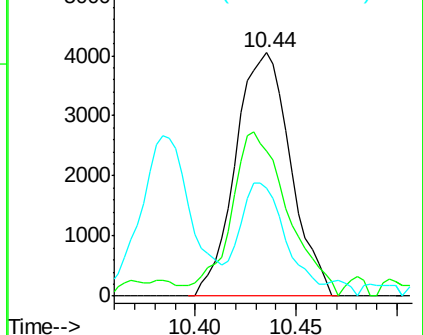
39 39.9 25.8 38.8#

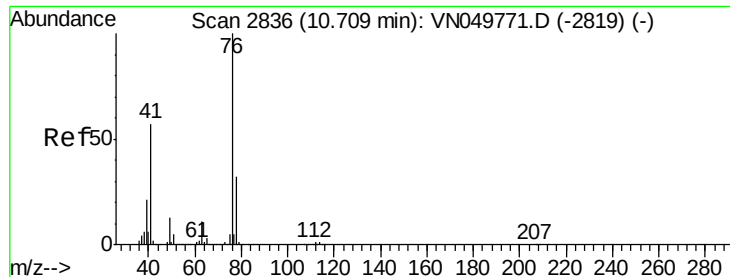


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 0.585 ug/l

RT: 10.71 min Scan# 2837

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

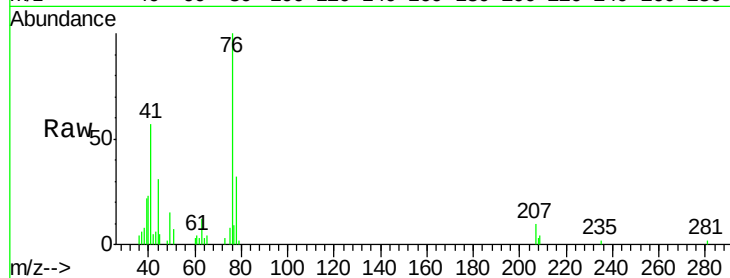
ClientSampled :

Tot Ion: 76 Resp: 12746

Ion Ratio Lower Upper

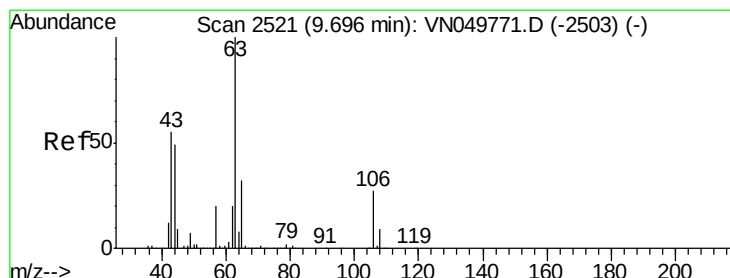
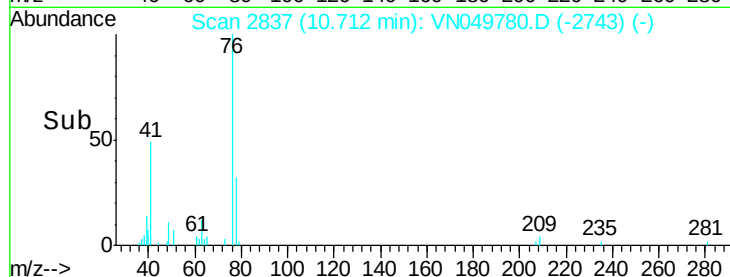
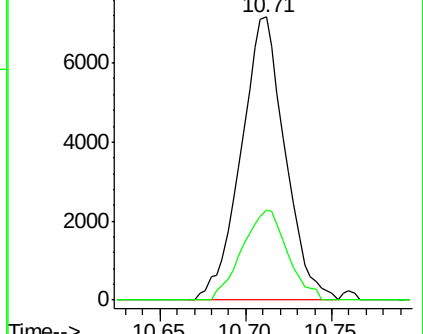
76 100

78 32.5 25.8 38.8



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: 1.956 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049780.D

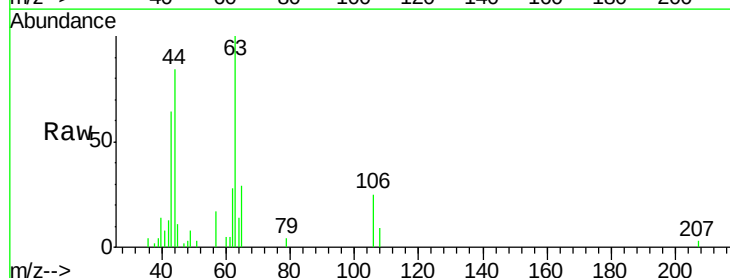
Acq: 12 Jul 2018 20:10

Tgt Ion: 63 Resp: 14481

Ion Ratio Lower Upper

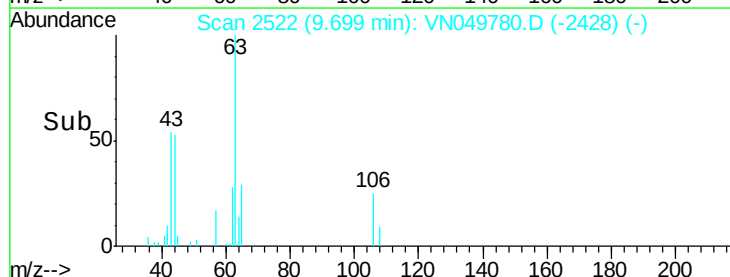
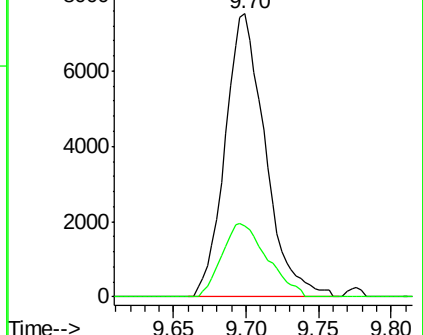
63 100

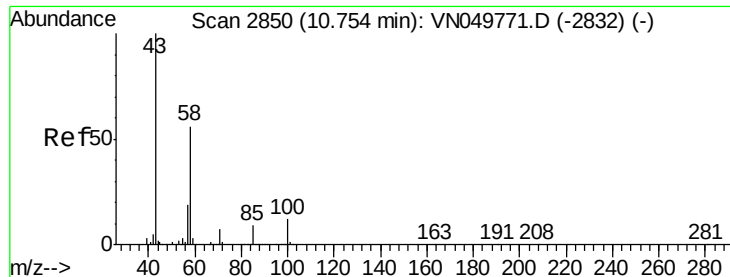
106 28.9 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

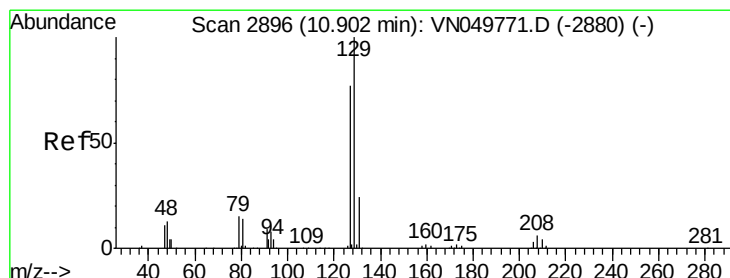
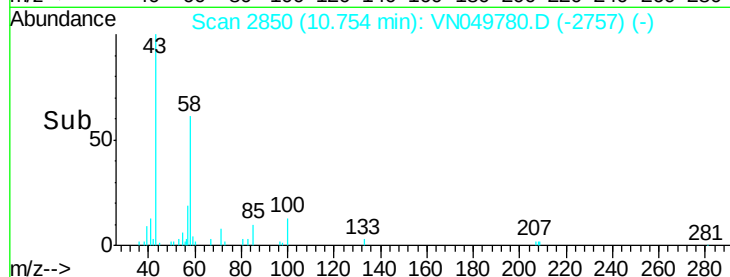
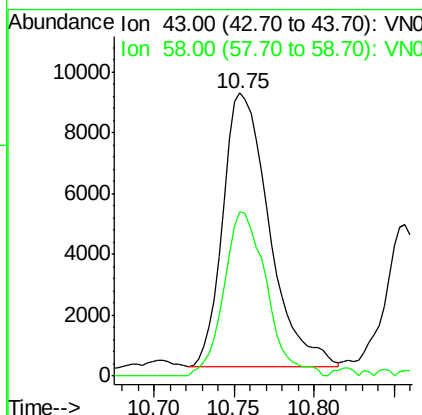
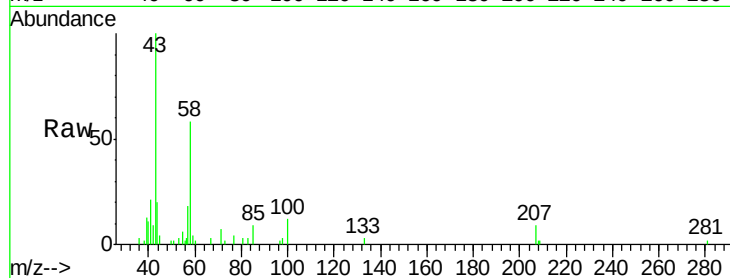




#59
2-Hexanone
Concen: 2.432 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

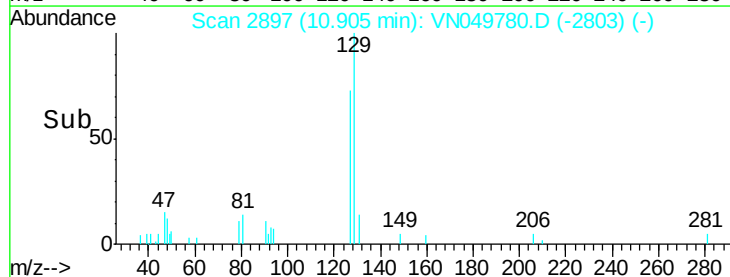
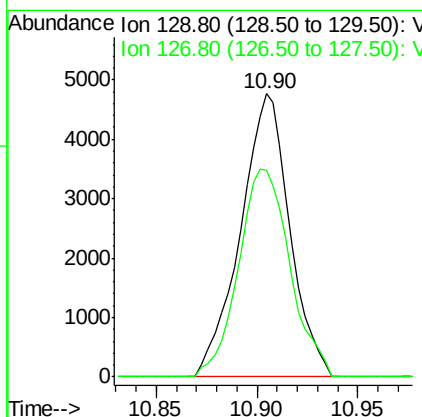
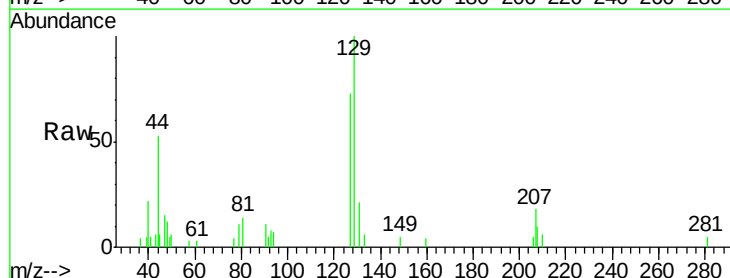
Instrument :
MSVOA_N
ClientSampled :

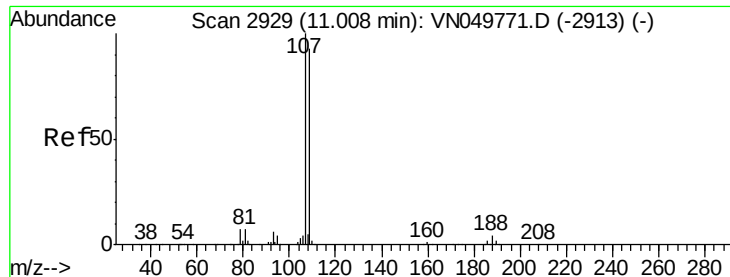
Tot Ion: 43 Resp: 17839
Ion Ratio Lower Upper
43 100
58 54.9 27.8 83.4



#60
Dibromochloromethane
Concen: 0.542 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 129 Resp: 8123
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9





#61

1,2-Dibromoethane

Concen: 0.612 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

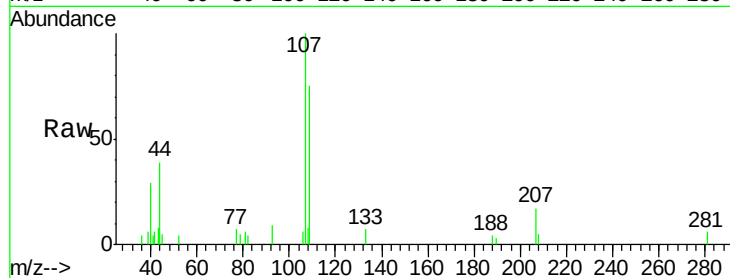
ClientSampleId :

Tot Ion: 107 Resp: 7618

Ion Ratio Lower Upper

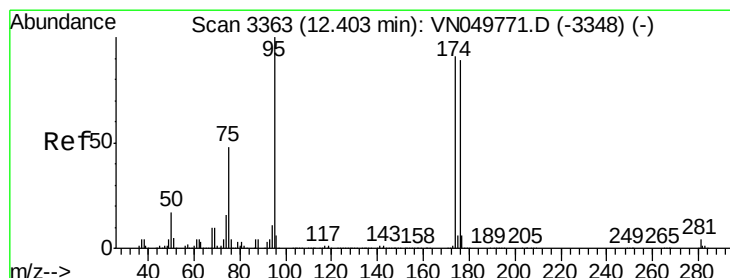
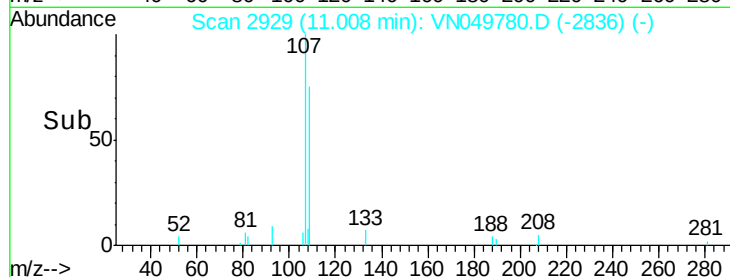
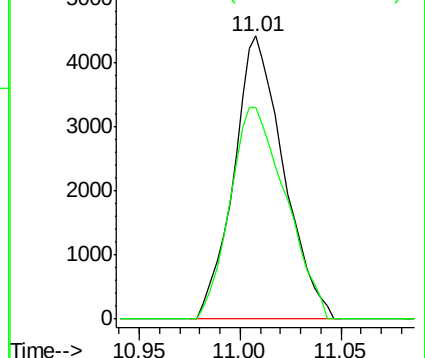
107 100

109 83.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 37.073 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

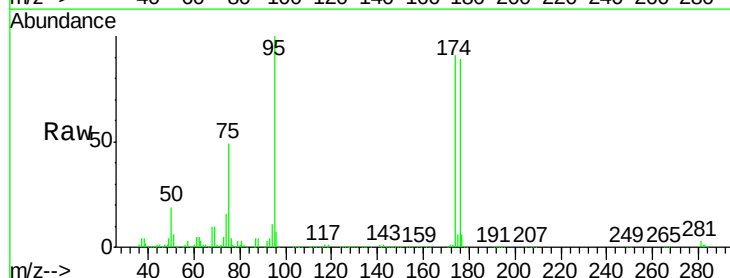
Tgt Ion: 95 Resp: 566153

Ion Ratio Lower Upper

95 100

174 92.8 0.0 179.6

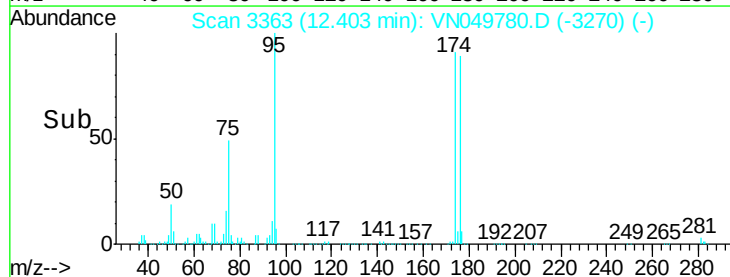
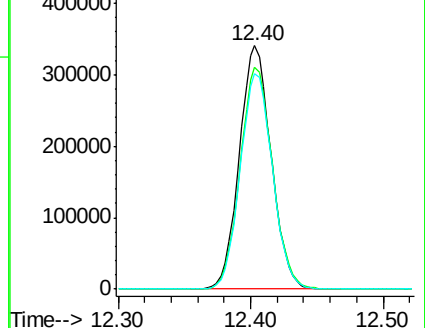
176 90.0 0.0 174.0

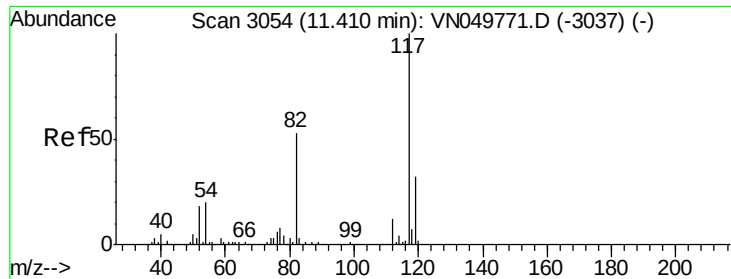


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

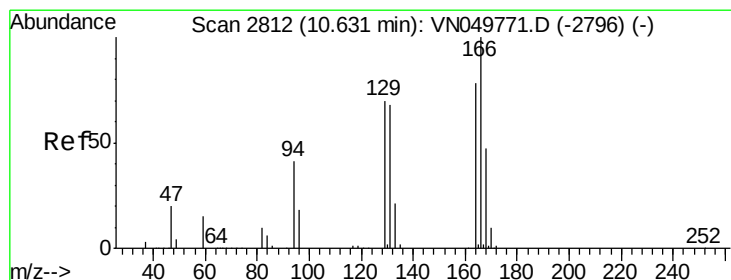
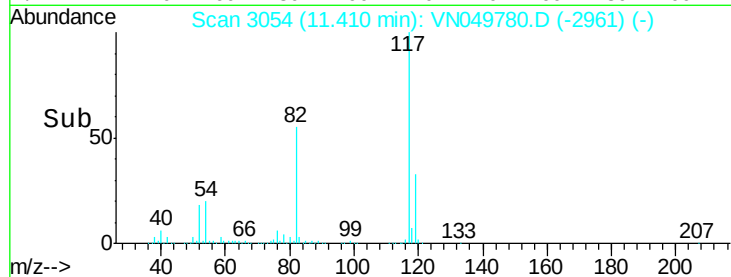
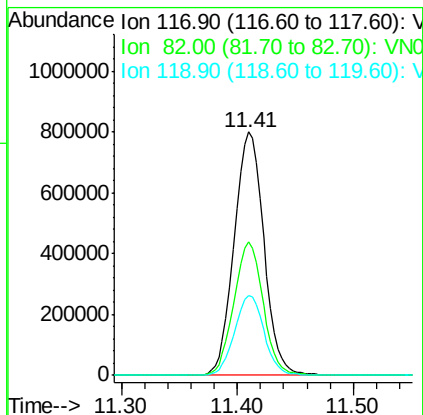
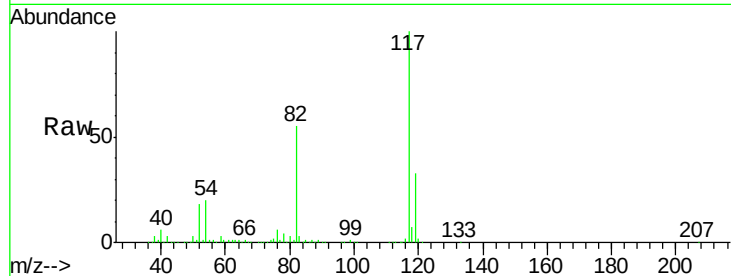




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

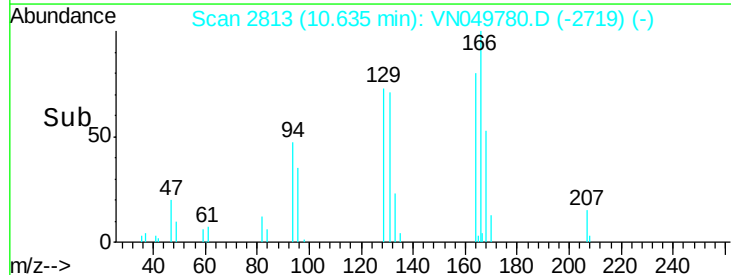
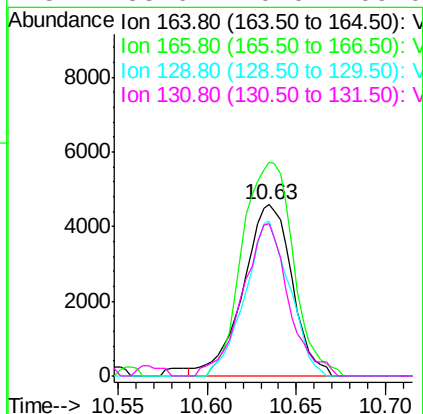
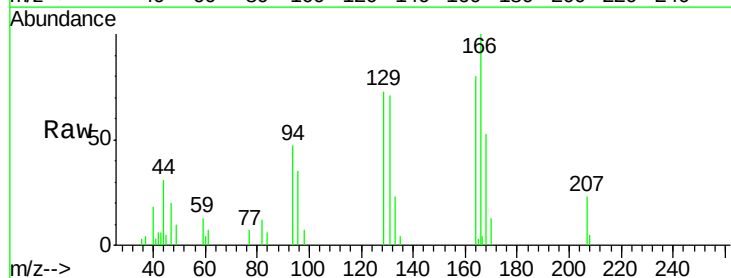
Instrument :
MSVOA_N
ClientSampleId :

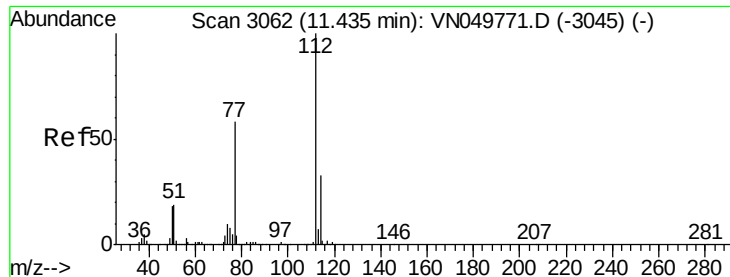
Tot Ion:117 Resp: 1420807
Ion Ratio Lower Upper
117 100
82 54.7 41.9 62.9
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.684 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion:164 Resp: 8826
Ion Ratio Lower Upper
164 100
166 124.8 101.8 152.6
129 90.8 72.8 109.2
131 88.6 70.0 105.0





#65

Chlorobenzene

Concen: 0.645 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

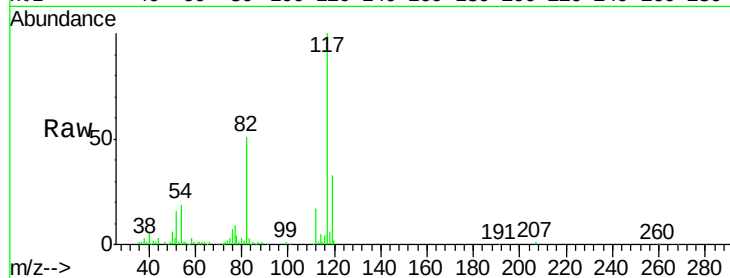
ClientSampled :

Tot Ion:112 Resp: 23881

Ion Ratio Lower Upper

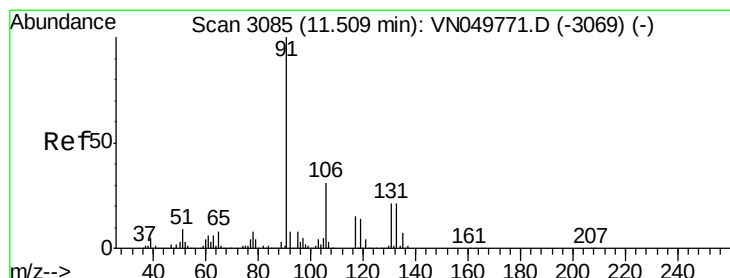
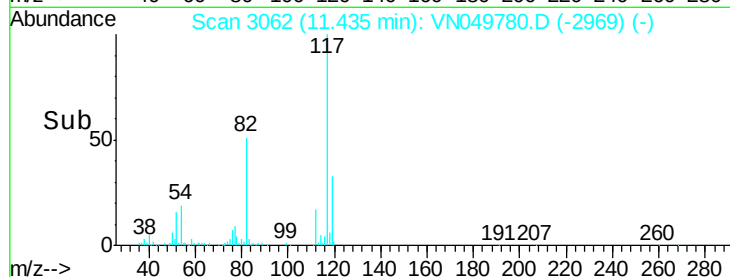
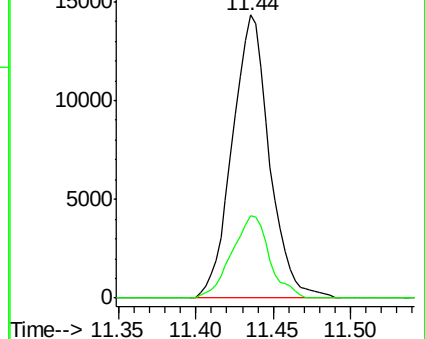
112 100

114 28.9 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.605 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

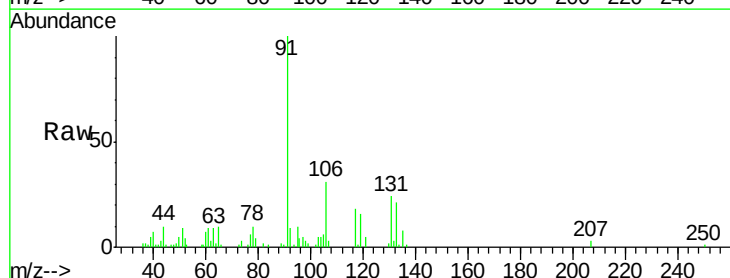
Tgt Ion:131 Resp: 8429

Ion Ratio Lower Upper

131 100

133 100.2 47.5 142.6

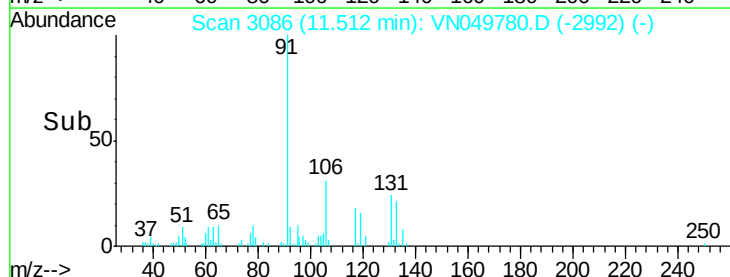
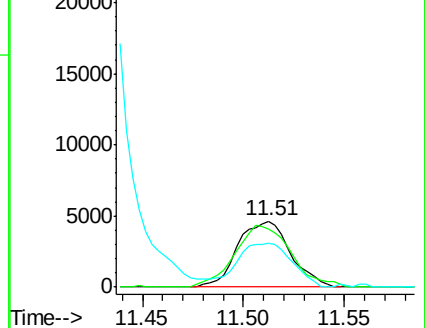
119 0.0 33.1 99.3#

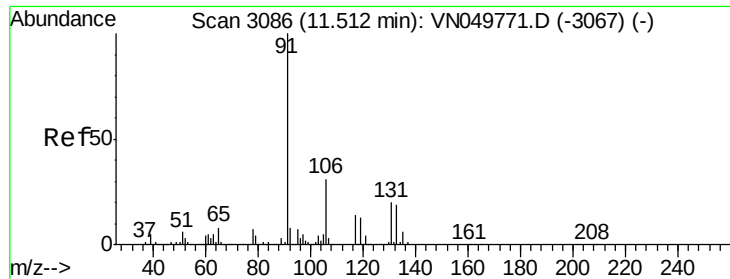


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 0.539 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

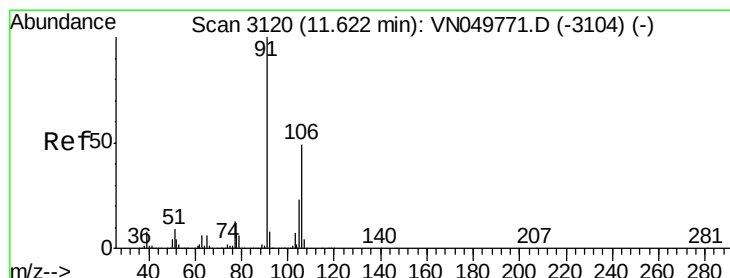
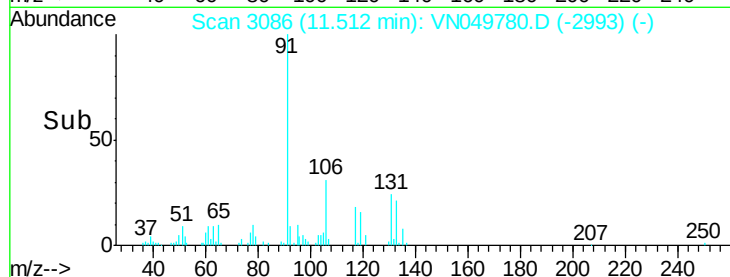
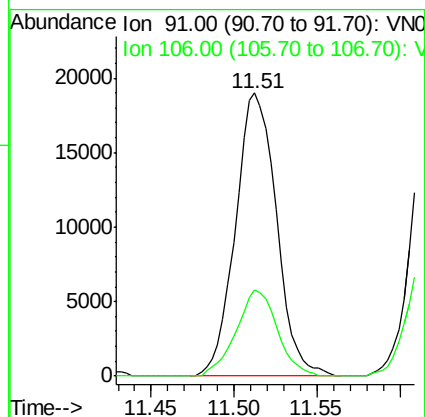
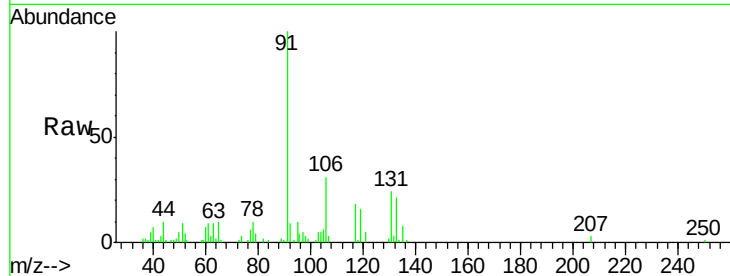
ClientSampled :

Tot Ion: 91 Resp: 32688

Ion Ratio Lower Upper

91 100

106 30.6 24.8 37.2



#68

m/p-Xylenes

Concen: 1.074 ug/l

RT: 11.62 min Scan# 3121

Delta R.T. 0.00 min

Lab File: VN049780.D

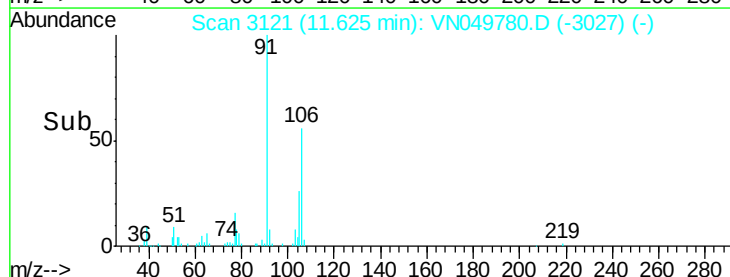
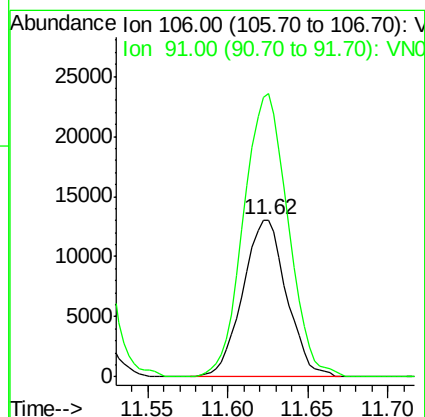
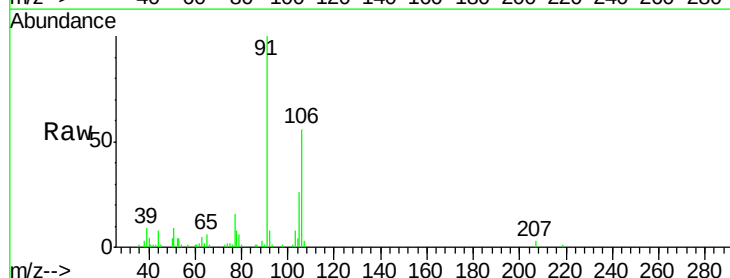
Acq: 12 Jul 2018 20:10

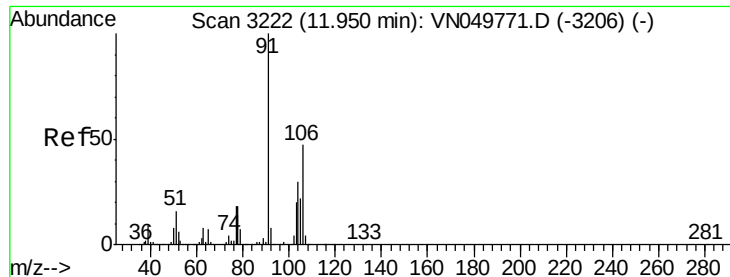
Tgt Ion: 106 Resp: 24435

Ion Ratio Lower Upper

106 100

91 183.3 163.4 245.2





#69

o-Xylene

Concen: 0.487 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

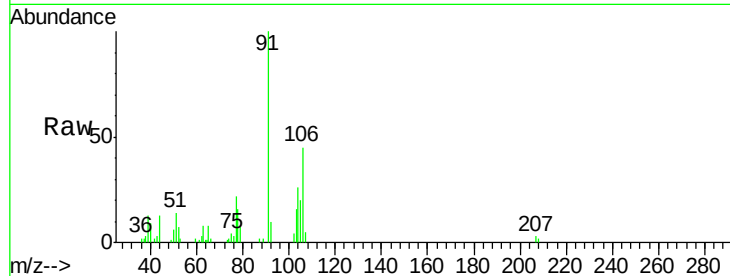
ClientSampled :

Tot Ion:106 Resp: 10704

Ion Ratio Lower Upper

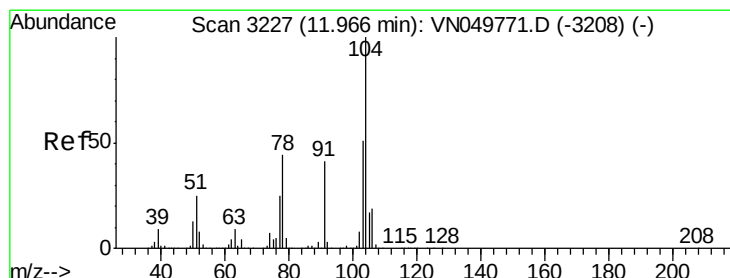
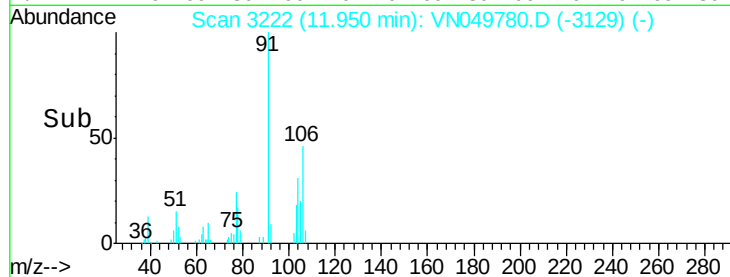
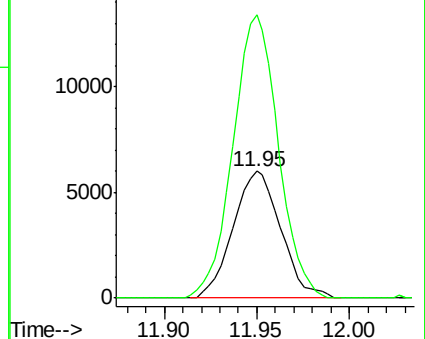
106 100

91 211.8 108.7 326.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 0.431 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

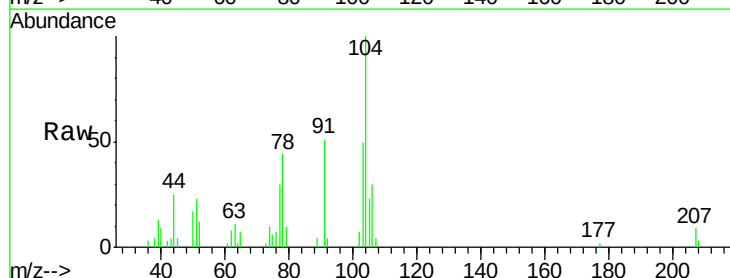
Tgt Ion:104 Resp: 15040

Ion Ratio Lower Upper

104 100

78 52.2 39.2 58.8

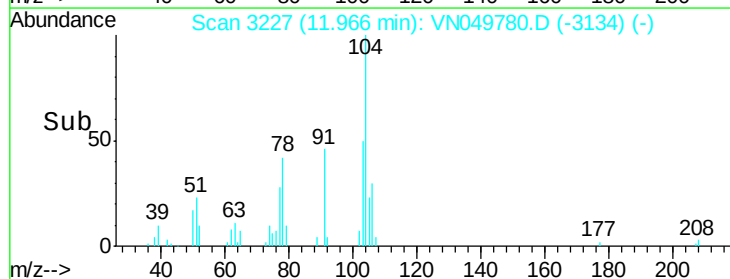
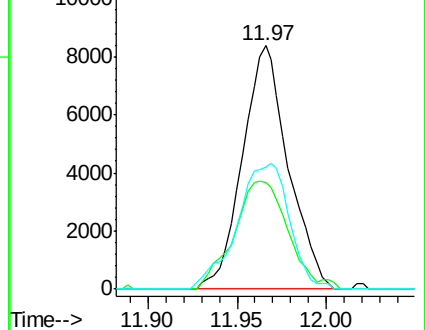
103 58.9 44.6 67.0

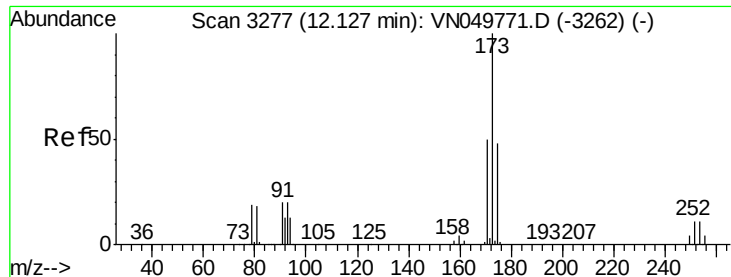


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.567 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampled :

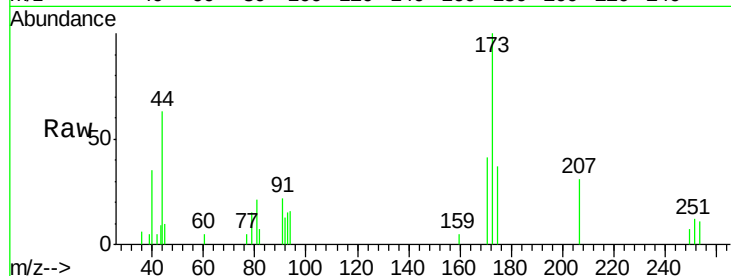
Tot Ion:173 Resp: 5338

Ion Ratio Lower Upper

173 100

175 45.3 24.6 73.8

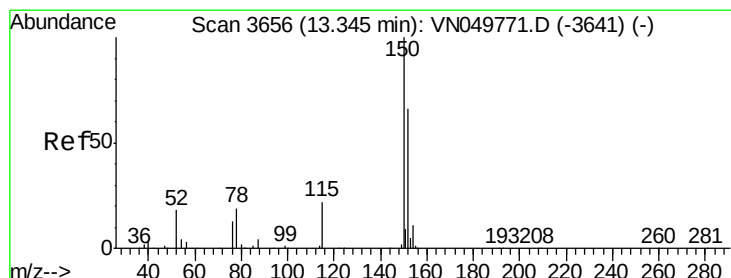
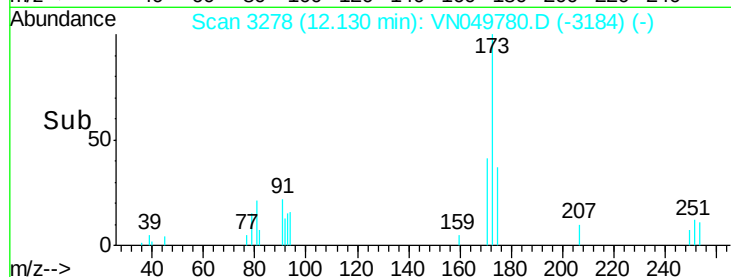
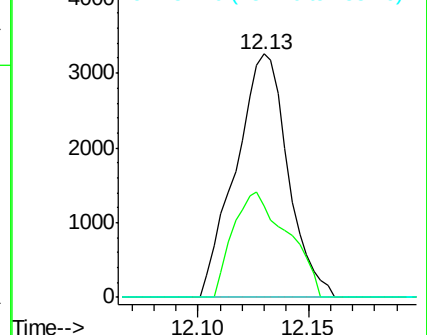
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

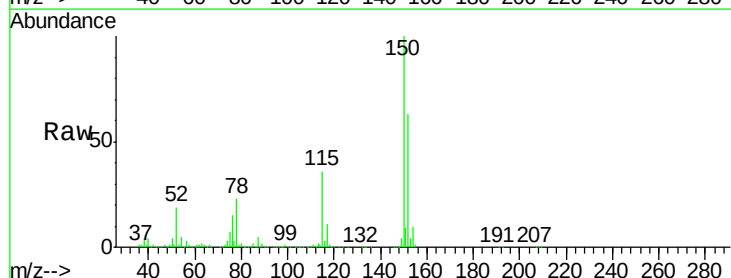
Tgt Ion:152 Resp: 561003

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

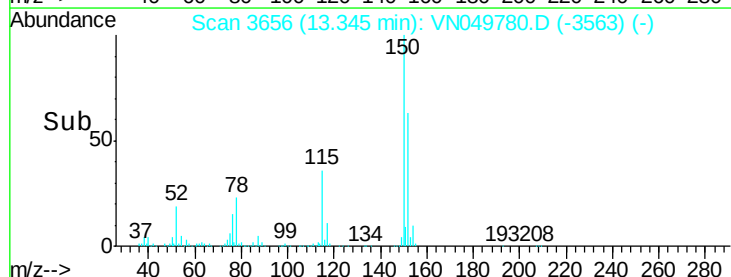
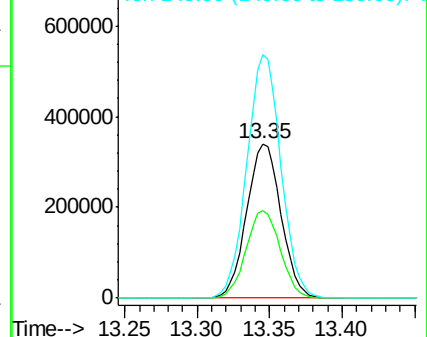
150 156.4 0.0 347.6

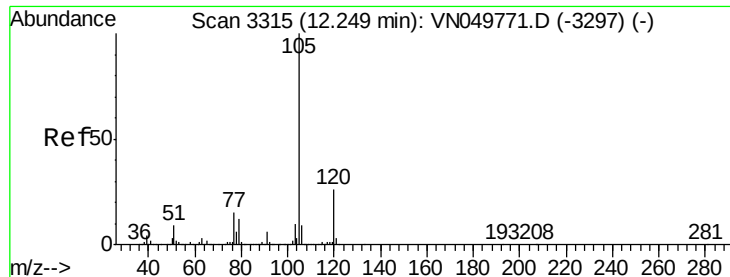


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.592 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

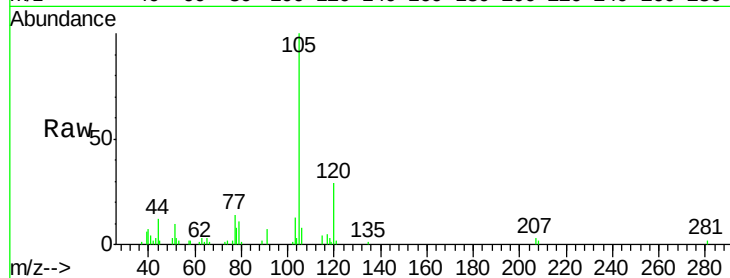
ClientSampleId :

Tot Ion:105 Resp: 27610

Ion Ratio Lower Upper

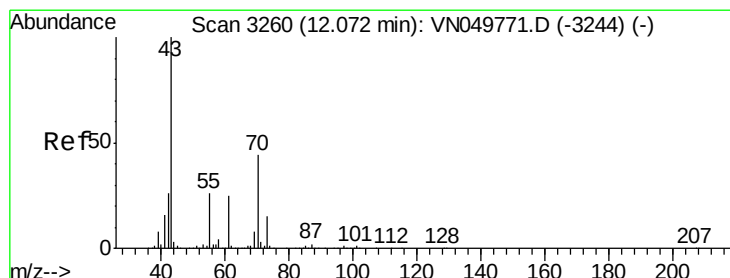
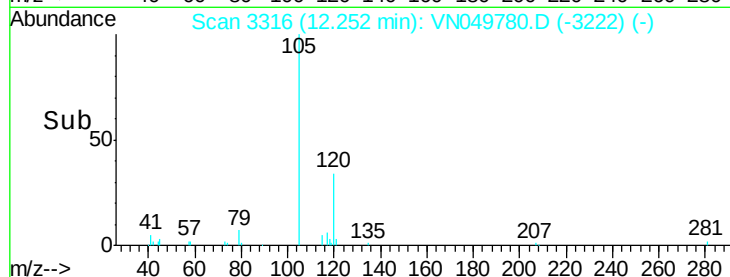
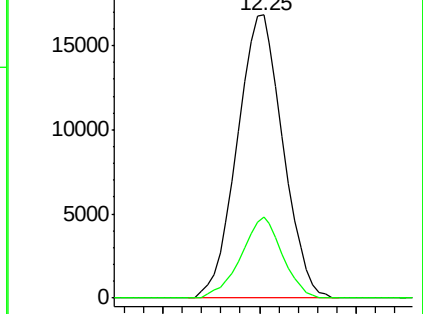
105 100

120 26.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.540 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Tgt Ion: 43 Resp: 6549

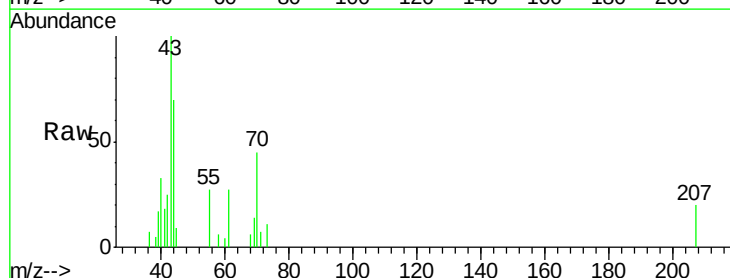
Ion Ratio Lower Upper

43 100

70 41.2 34.8 52.2

55 25.7 20.9 31.3

61 22.6 19.9 29.9

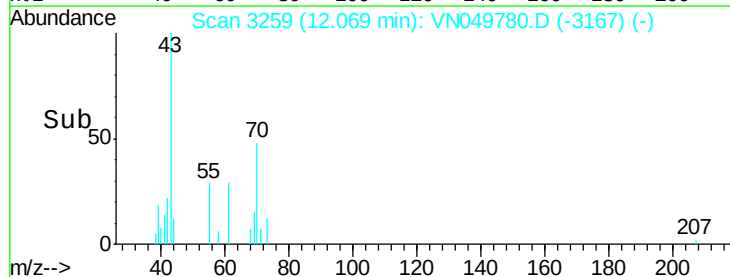
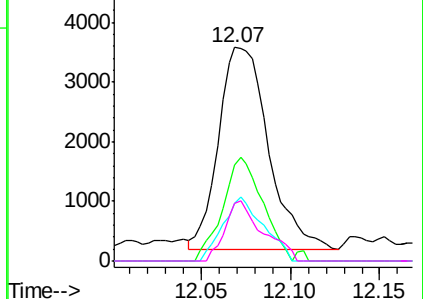


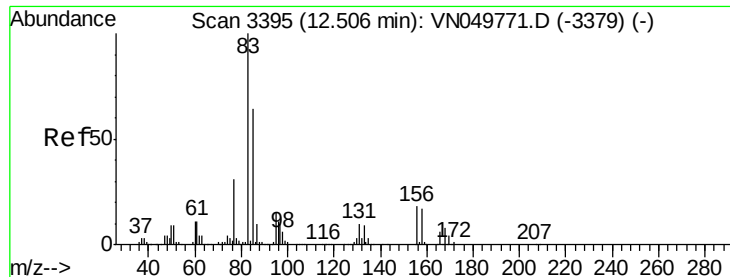
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

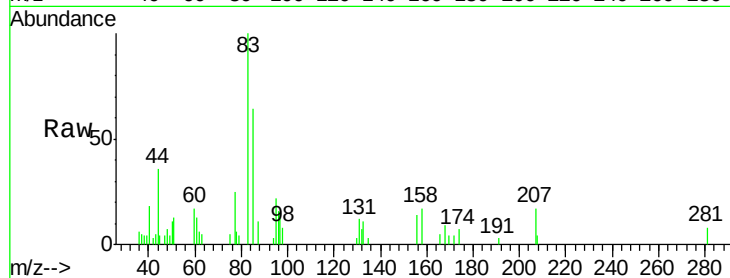
Tot Ion: 83 Resp: 9229

Ion Ratio Lower Upper

83 100

131 9.5 5.2 15.6

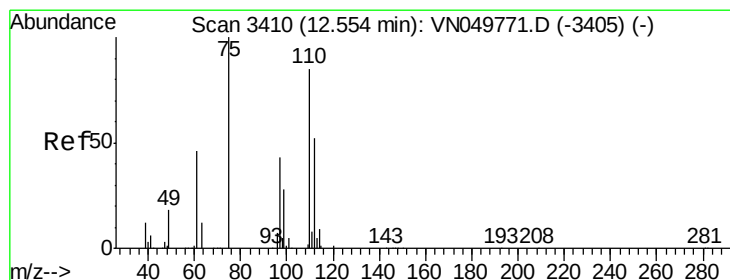
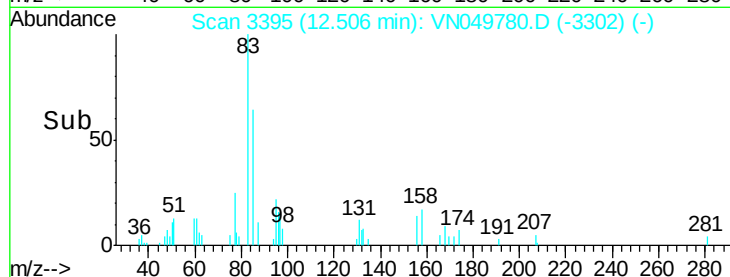
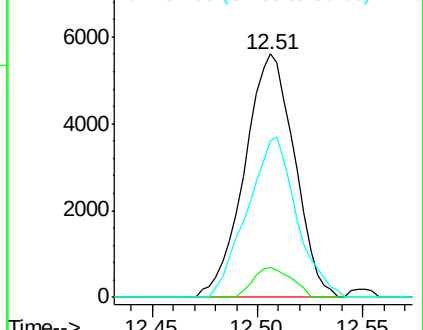
85 65.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049771.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049771.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049771.D (-3379) (-)



#76

1,2,3-Trichloropropane

Concen: 1.131 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049780.D

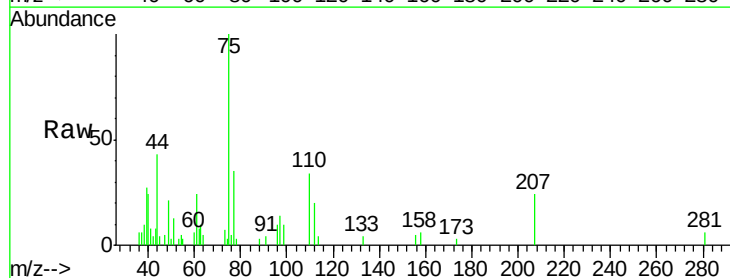
Acq: 12 Jul 2018 20:10

Tgt Ion: 75 Resp: 11272

Ion Ratio Lower Upper

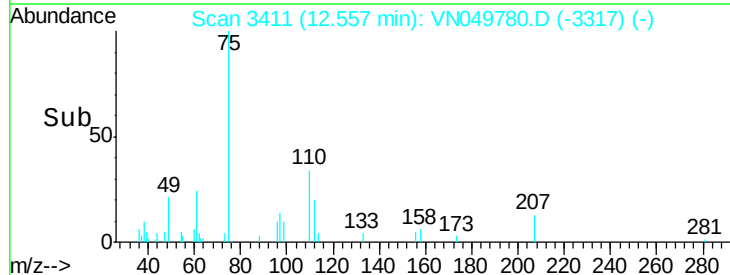
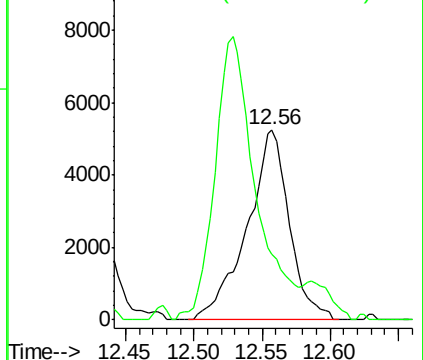
75 100

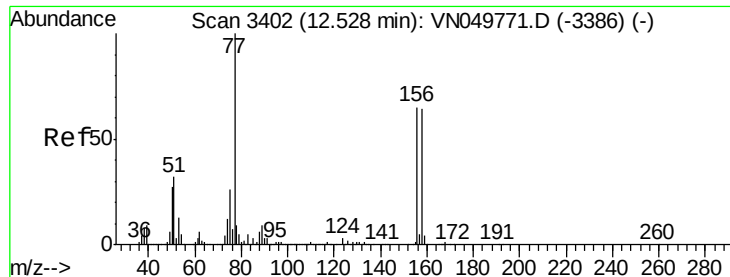
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049771.D (-3405) (-)

Ion 77.00 (76.70 to 77.70): VN049771.D (-3405) (-)





#77

Bromobenzene

Concen: 0.706 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampled :

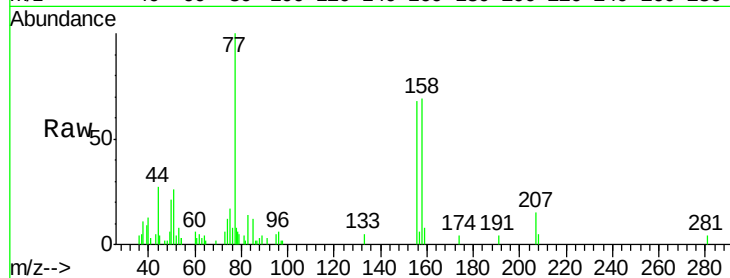
Tot Ion:156 Resp: 8729

Ion Ratio Lower Upper

156 100

77 186.1 90.2 270.6

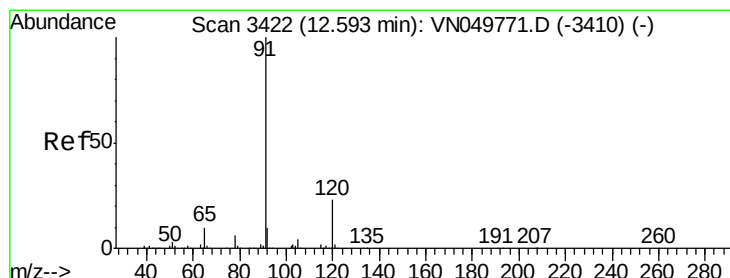
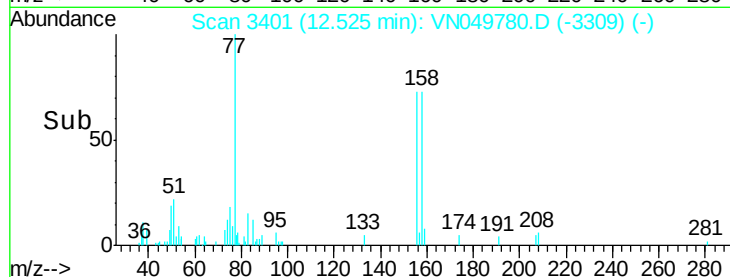
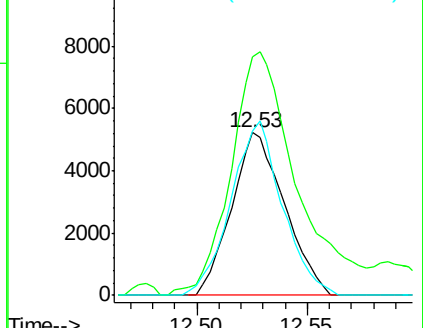
158 103.8 49.1 147.3



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: 0.629 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049780.D

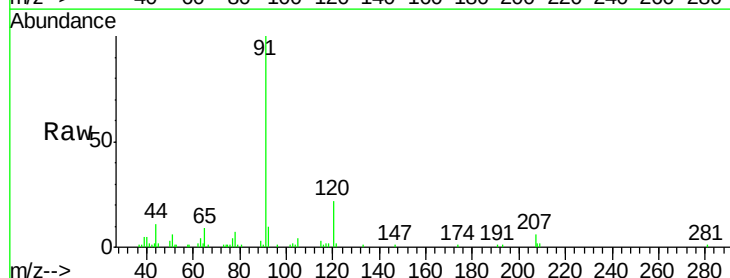
Acq: 12 Jul 2018 20:10

Tgt Ion: 91 Resp: 33085

Ion Ratio Lower Upper

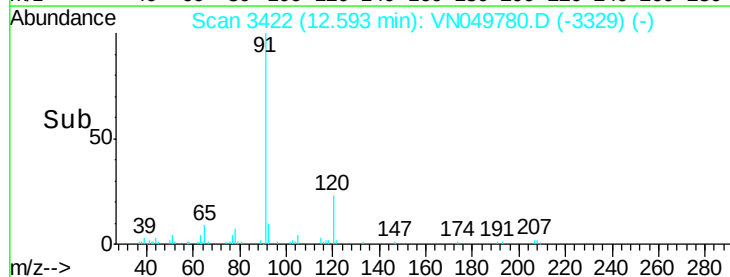
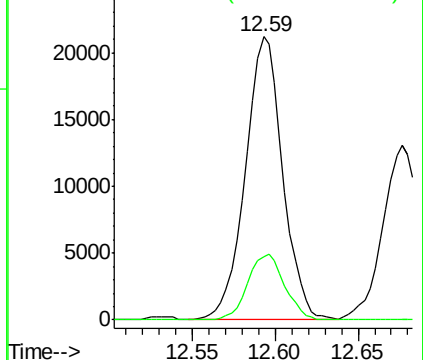
91 100

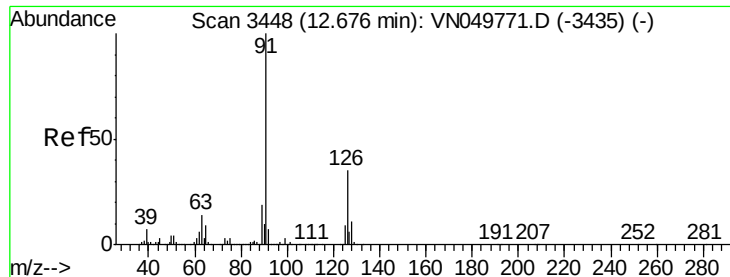
120 22.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.659 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

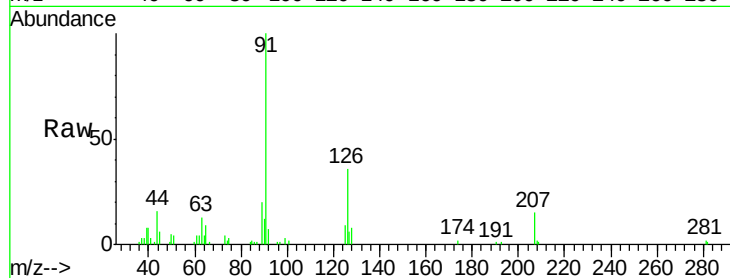
ClientSampled :

Tot Ion: 91 Resp: 21211

Ion Ratio Lower Upper

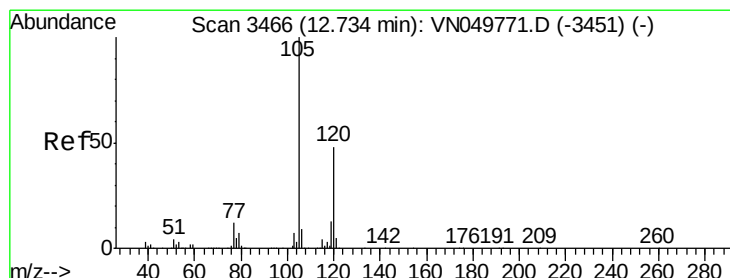
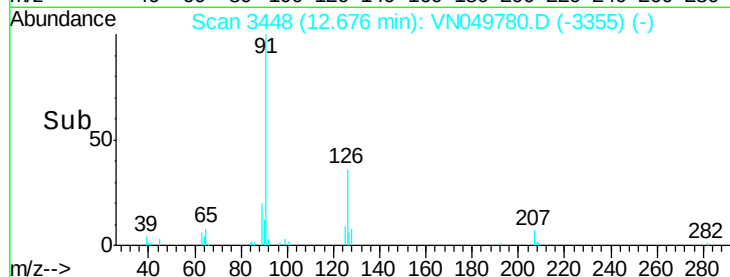
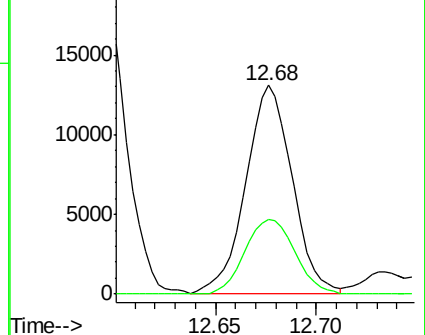
91 100

126 38.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049771.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049771.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.539 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049780.D

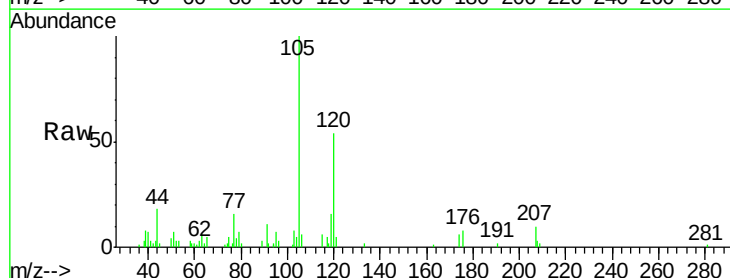
Acq: 12 Jul 2018 20:10

Tgt Ion: 105 Resp: 19964

Ion Ratio Lower Upper

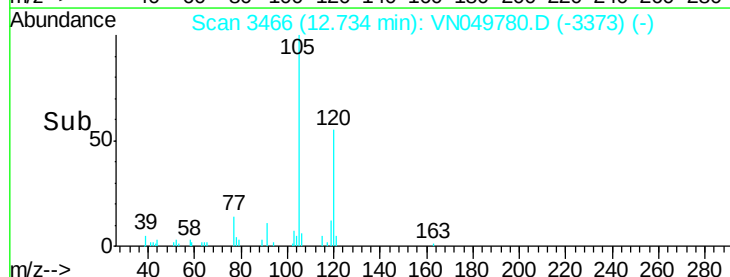
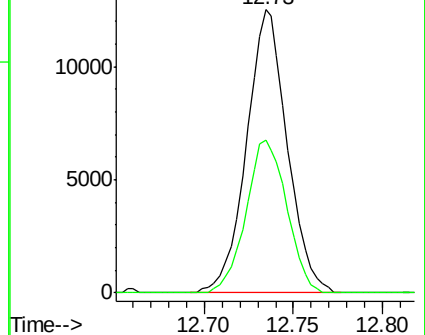
105 100

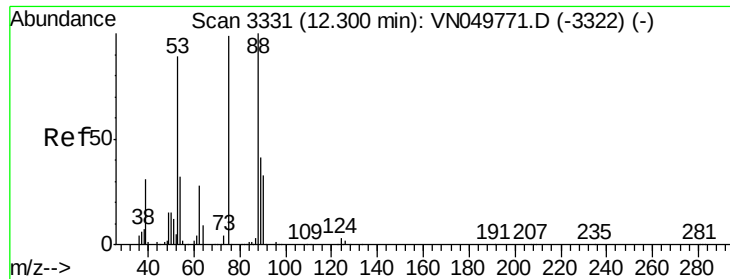
120 53.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049771.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049771.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 90.422 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

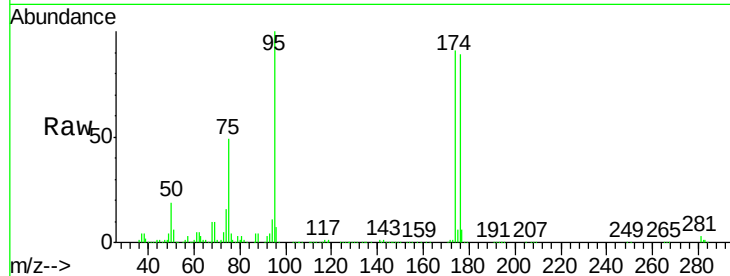
Tot Ion: 75 Resp: 279051

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

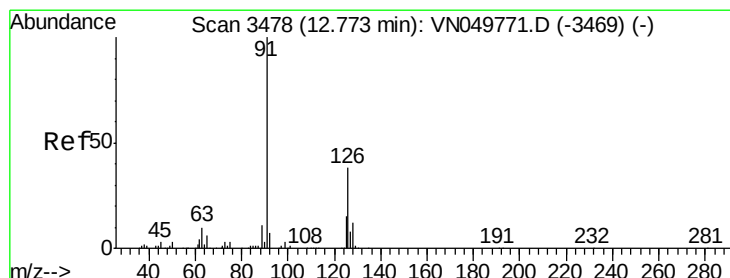
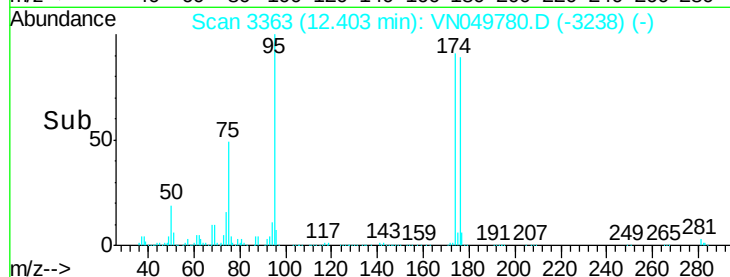
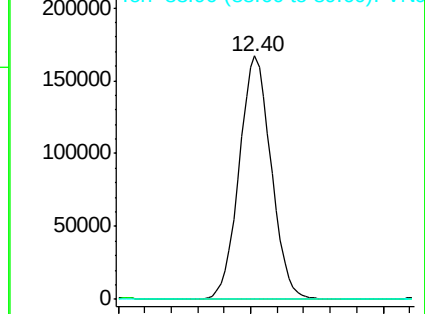
89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.618 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049780.D

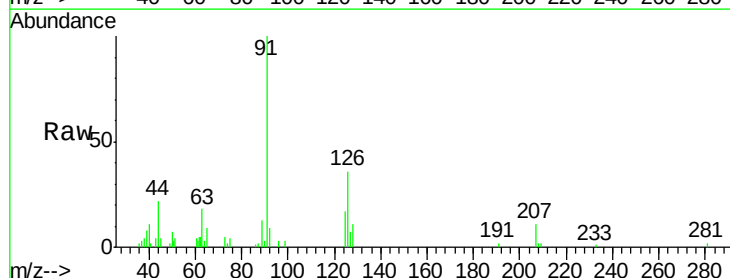
Acq: 12 Jul 2018 20:10

Tgt Ion: 91 Resp: 19733

Ion Ratio Lower Upper

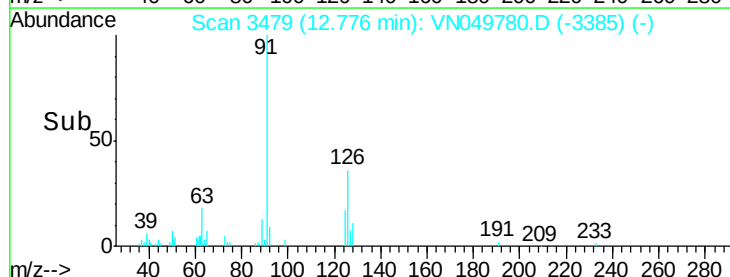
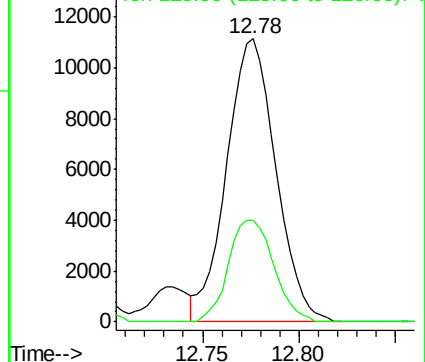
91 100

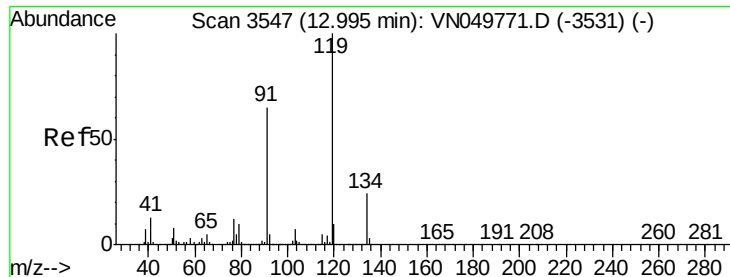
126 33.2 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

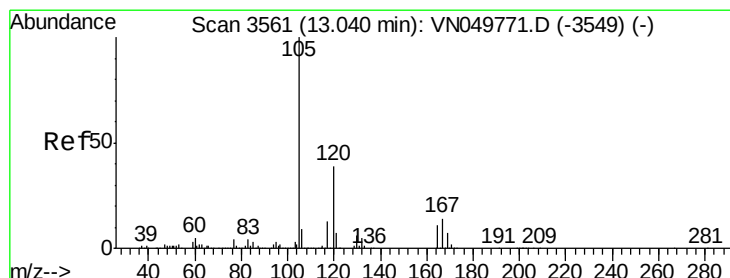
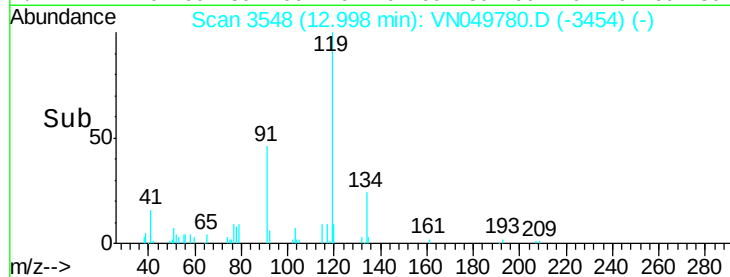
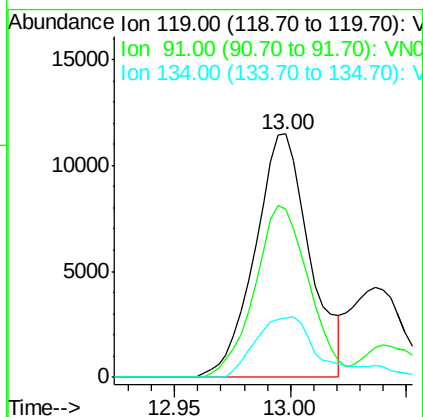
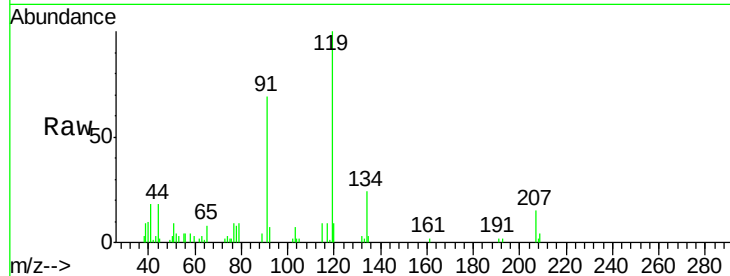




#83
 tert-Butylbenzene
 Concen: 0.566 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

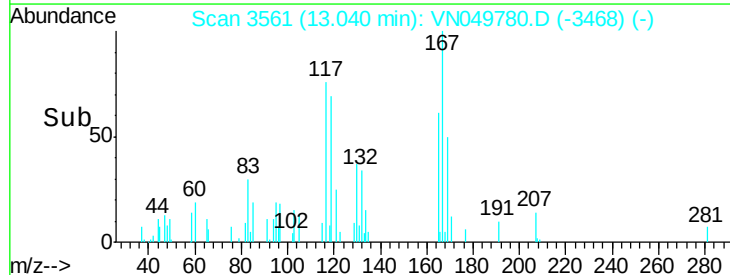
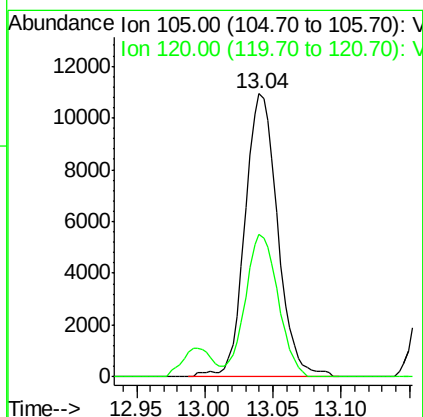
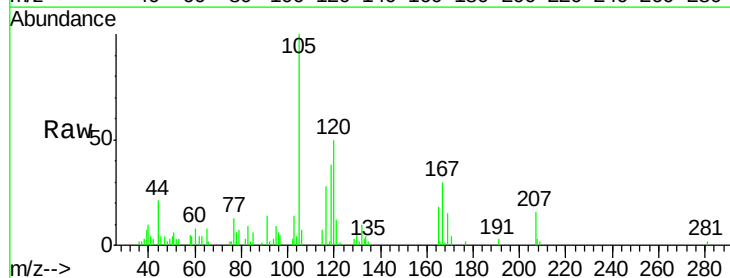
Instrument :
 MSVOA_N
 ClientSampleId :

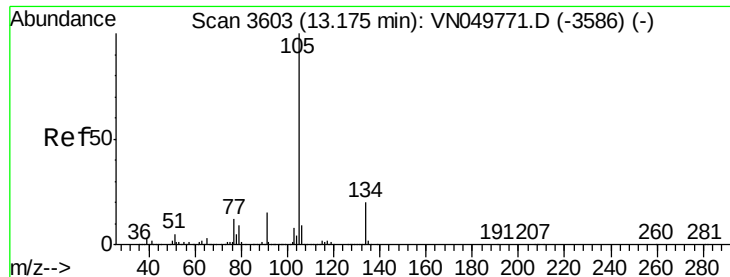
Tot Ion:119 Resp: 18750
 Ion Ratio Lower Upper
 119 100
 91 69.8 32.0 96.2
 134 27.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.490 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

Tgt Ion:105 Resp: 18219
 Ion Ratio Lower Upper
 105 100
 120 50.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 0.515 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Instrument :

MSVOA_N

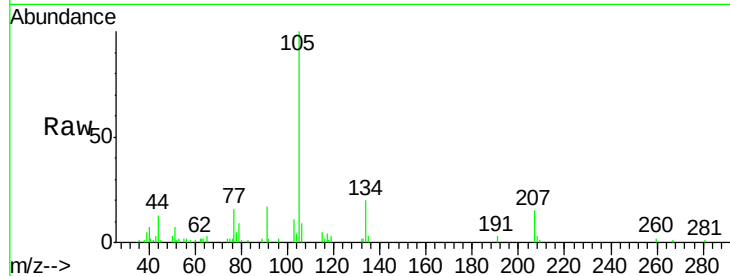
ClientSampleId :

Tot Ion:105 Resp: 22373

Ion Ratio Lower Upper

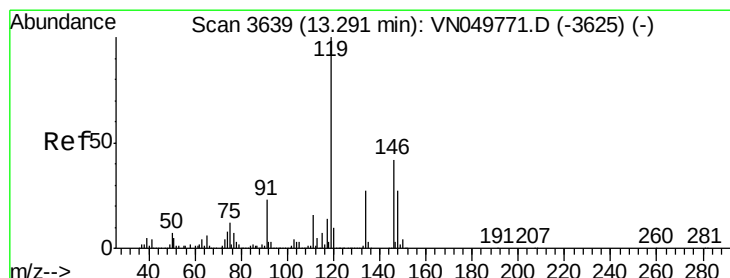
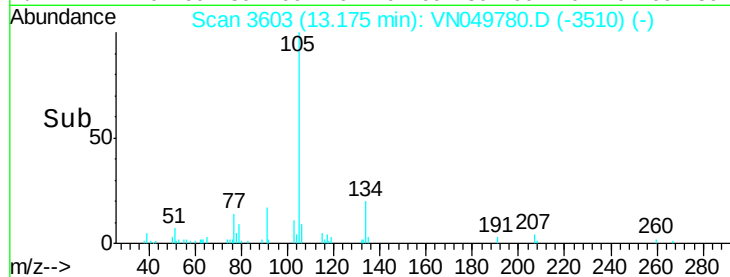
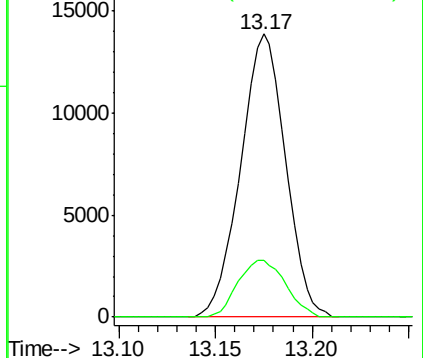
105 100

134 21.3 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.477 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

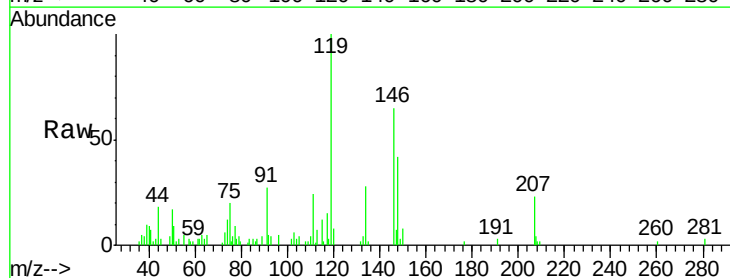
Tgt Ion:119 Resp: 17533

Ion Ratio Lower Upper

119 100

134 28.0 13.3 39.9

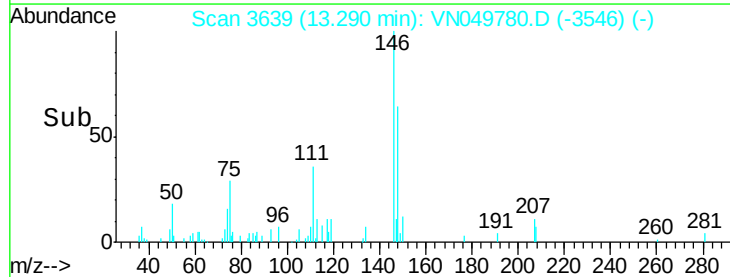
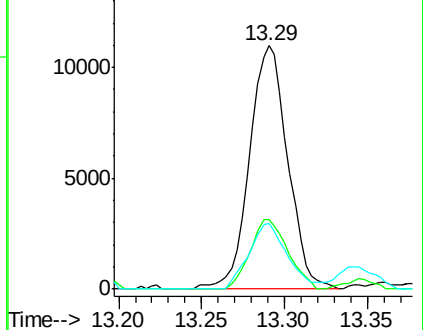
91 27.4 11.4 34.1

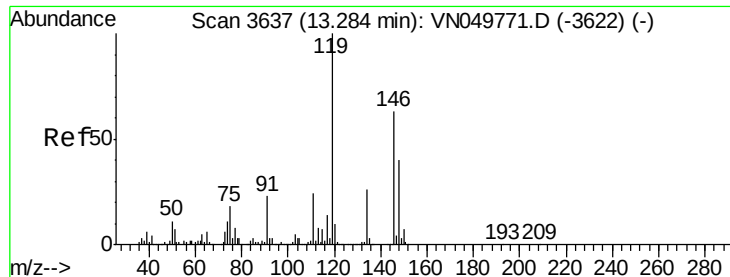


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

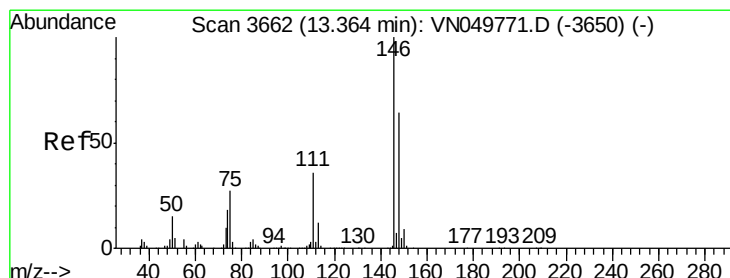
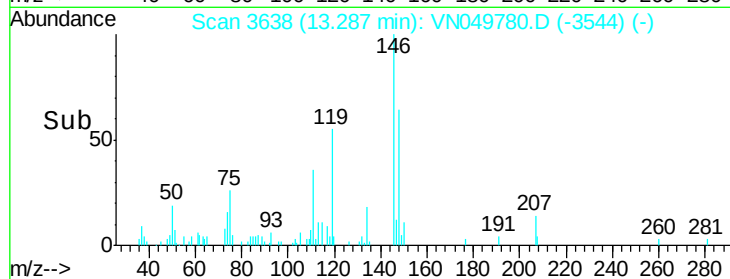
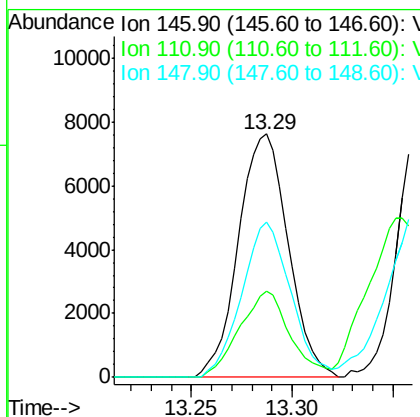
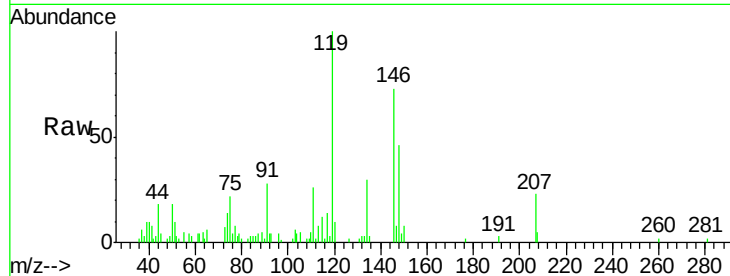




#87
 1,3-Dichlorobenzene
 Concen: 0.614 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

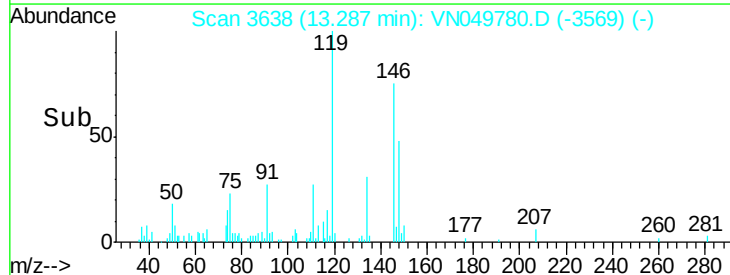
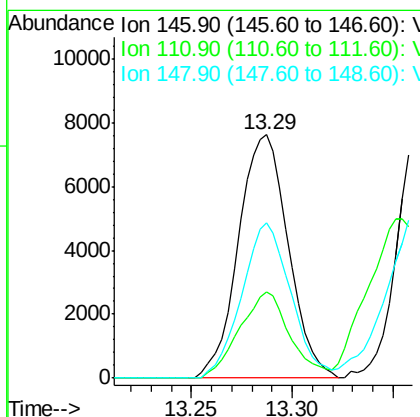
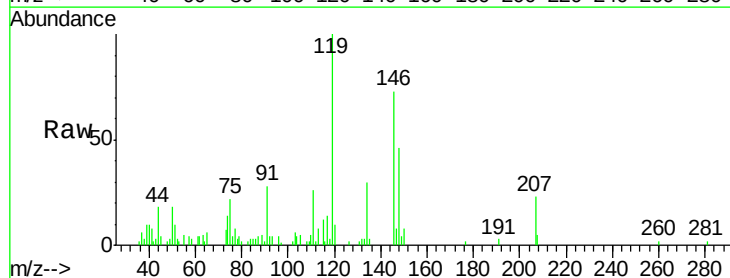
Instrument :
 MSVOA_N
 ClientSampled :

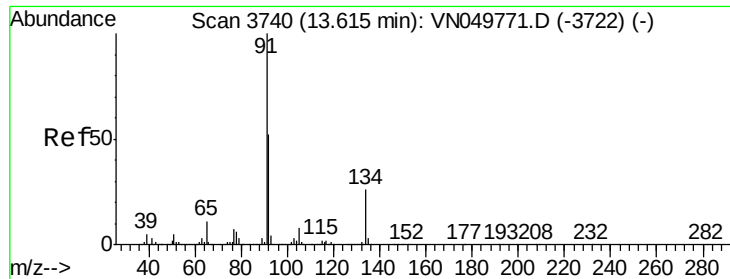
Tot Ion:146 Resp: 13160
 Ion Ratio Lower Upper
 146 100
 111 36.2 19.0 57.0
 148 62.7 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 0.631 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.08 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

Tgt Ion:146 Resp: 13160
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.9 56.5
 148 62.7 32.1 96.3

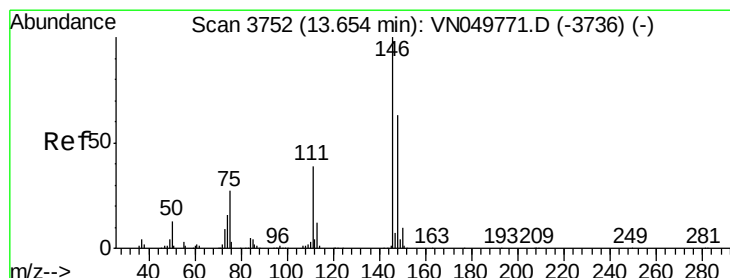
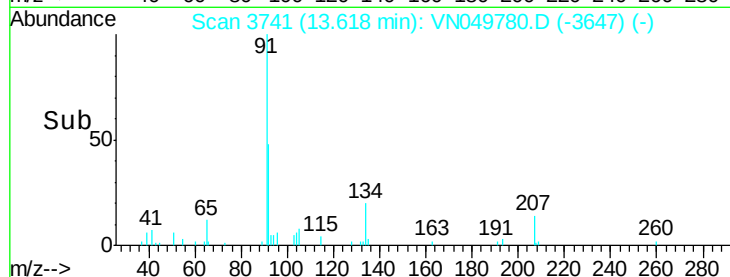
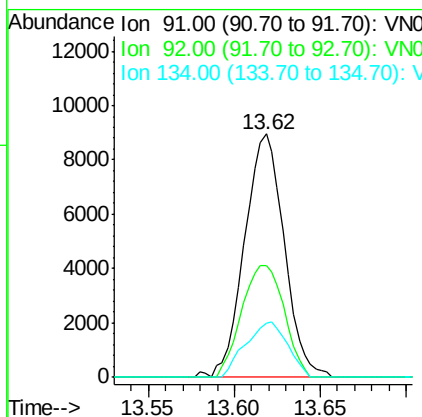
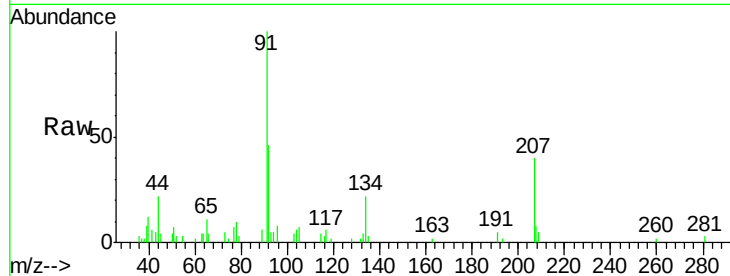




#89
n-Butylbenzene
Concen: 0.474 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

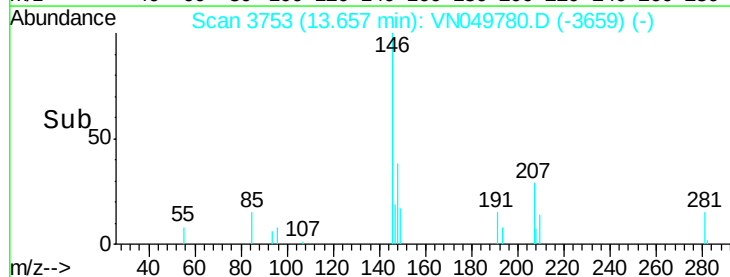
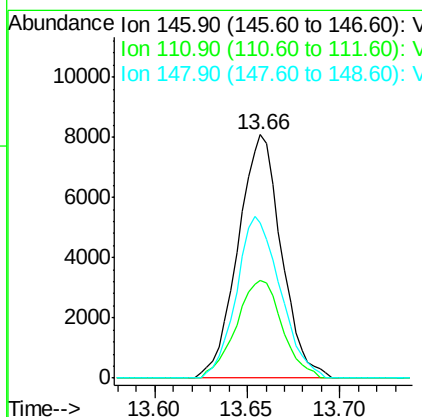
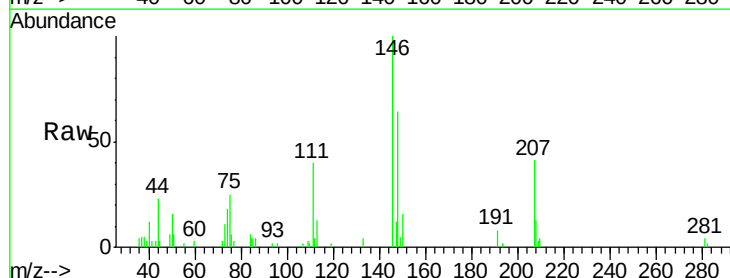
Instrument :
MSVOA_N
ClientSampled :

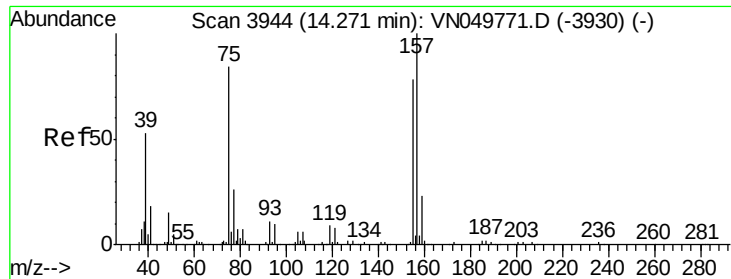
Tot Ion: 91 Resp: 14379
Ion Ratio Lower Upper
91 100
92 49.1 25.8 77.3
134 24.0 13.0 38.9



#91
1,2-Dichlorobenzene
Concen: 0.627 ug/l
RT: 13.66 min Scan# 3753
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion: 146 Resp: 13123
Ion Ratio Lower Upper
146 100
111 42.4 19.7 59.1
148 67.1 32.0 96.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.220 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

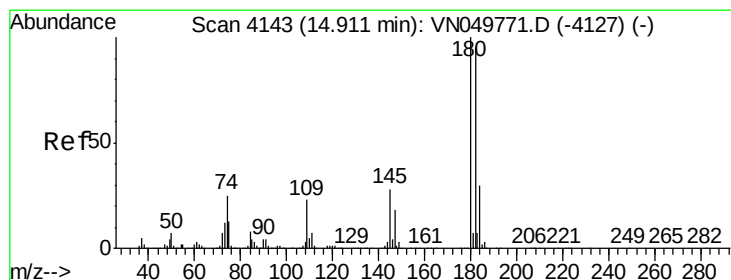
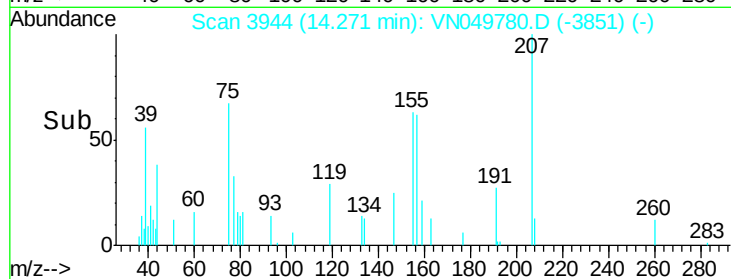
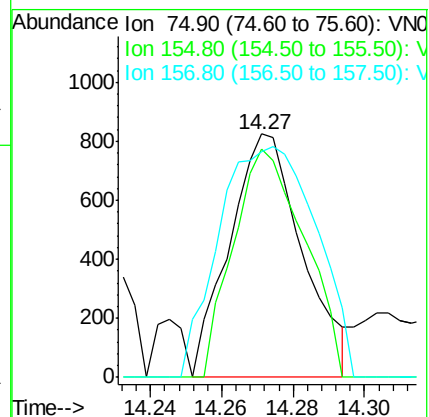
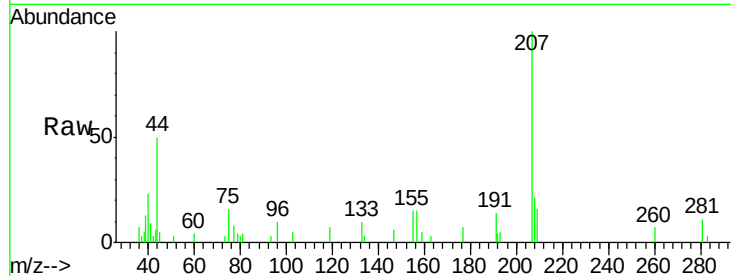
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 1164

Ion	Ratio	Lower	Upper
75	100		
155	91.6	45.7	137.1
157	126.8	56.9	170.7



#93

1,2,4-Trichlorobenzene

Concen: 3.278 ug/l

RT: 14.92 min Scan# 4145

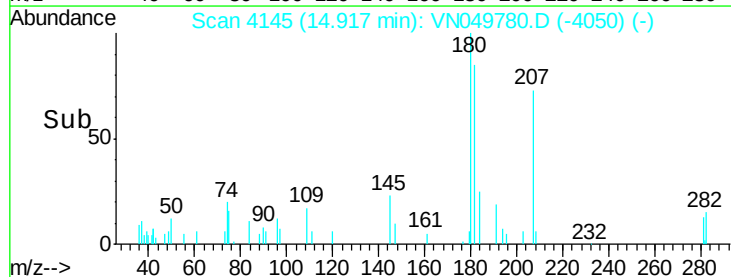
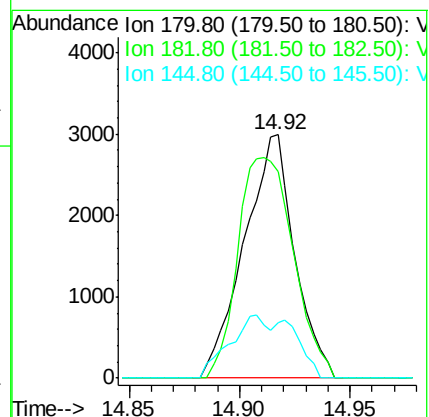
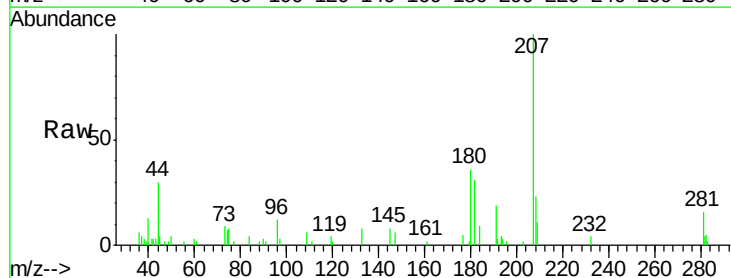
Delta R.T. 0.01 min

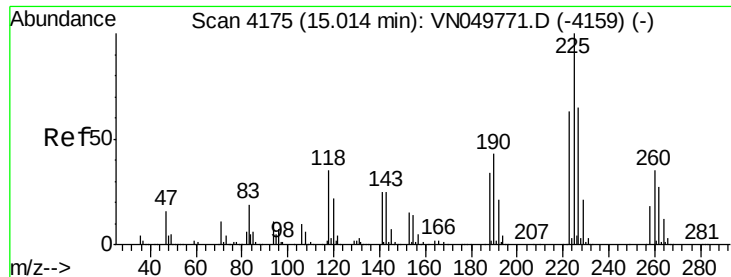
Lab File: VN049780.D

Acq: 12 Jul 2018 20:10

Tgt Ion: 180 Resp: 4735

Ion	Ratio	Lower	Upper
180	100		
182	99.8	47.3	141.9
145	20.4	14.4	43.0

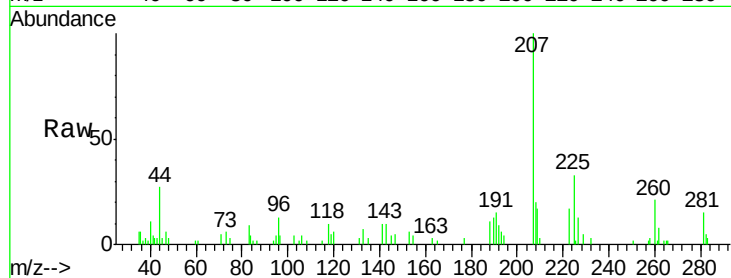




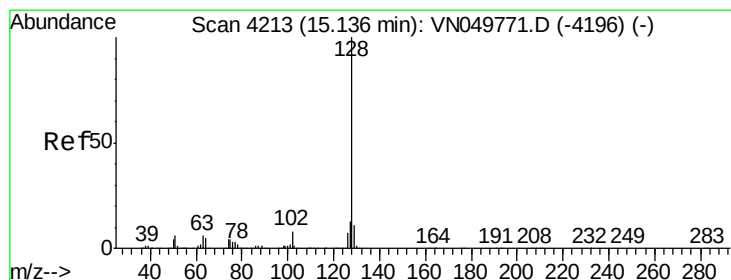
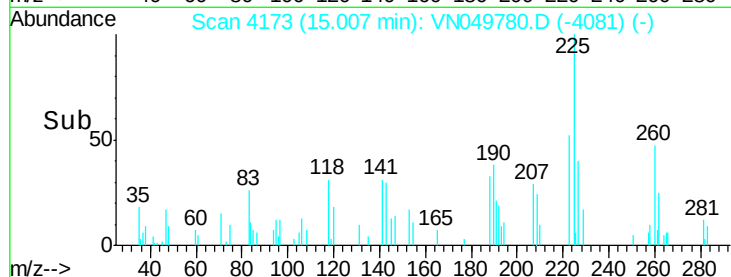
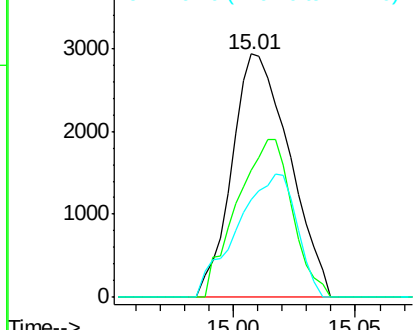
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4173
Delta R.T. -0.01 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:225 Resp: 4791
Ion Ratio Lower Upper
225 100
223 62.4 30.9 92.7
227 52.4 31.8 95.4

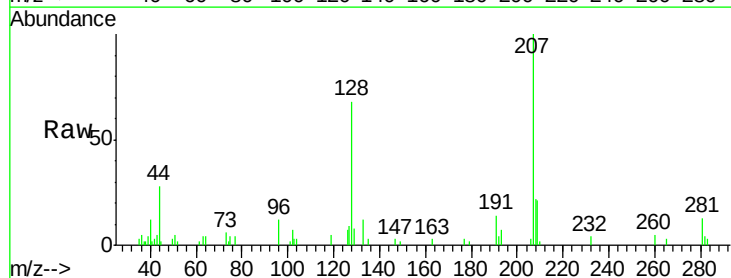


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

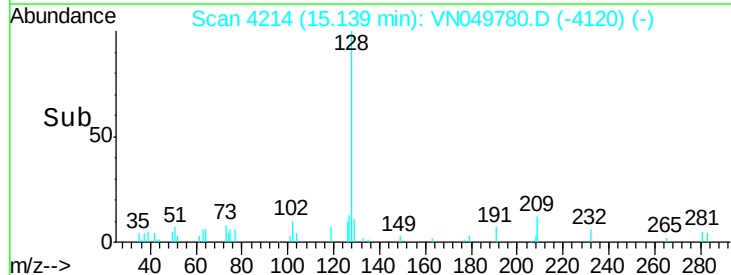
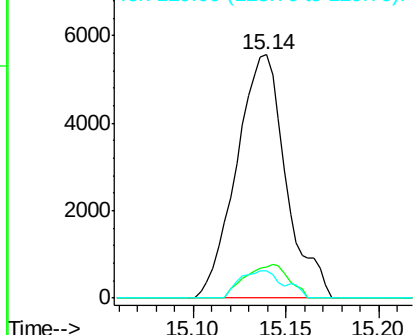


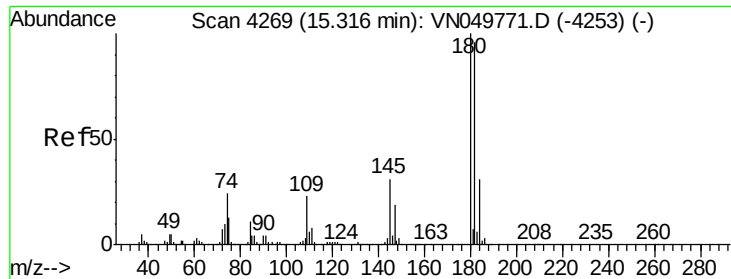
#95
Naphthalene
Concen: 4.407 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049780.D
Acq: 12 Jul 2018 20:10

Tgt Ion:128 Resp: 10306
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 10.3 8.6 13.0



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

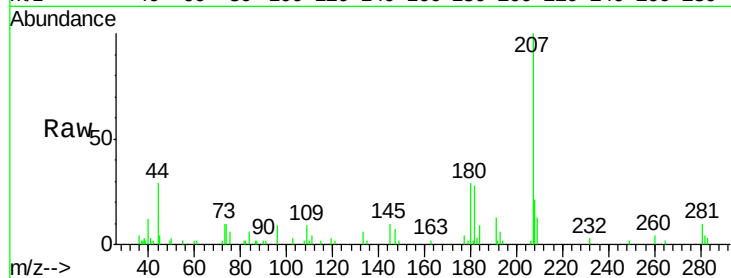




#96
 1,2,3-Trichlorobenzene
 Concen: 0.462 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN049780.D
 Acq: 12 Jul 2018 20:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	108.0	47.4	142.2
145	38.9	15.2	45.6



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

