

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049776.D
 Acq On : 12 Jul 2018 17:31
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 13 03:43:04 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	1287547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1822168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1663701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	882957	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	694019	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
35) Dibromofluoromethane	7.59	113	667316	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
50) Toluene-d8	10.09	98	2277294	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.40	95	836273	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	529525	47.410	ug/l	98
3) Chloromethane	2.06	50	680391	45.980	ug/l	100
4) Vinyl Chloride	2.18	62	769378	47.068	ug/l	99
5) Bromomethane	2.56	94	480466	47.405	ug/l	100
6) Chloroethane	2.70	64	496844	43.383	ug/l	98
7) Trichlorofluoromethane	3.01	101	1076686	44.102	ug/l	98
8) Diethyl Ether	3.41	74	389230	44.492	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	695685	43.903	ug/l	99
10) Methyl Iodide	3.95	142	928590	46.105	ug/l	100
11) Tert butyl alcohol	4.80	59	222309	221.767	ug/l	99
12) 1,1-Dichloroethene	3.73	96	610131	43.822	ug/l	99
13) Acrolein	3.61	56	171054	194.274	ug/l	98
14) Allyl chloride	4.32	41	1016559	44.739	ug/l	99
15) Acrylonitrile	4.99	53	1109875	221.081	ug/l	99
16) Acetone	3.82	43	874979	237.256	ug/l	99
17) Carbon Disulfide	4.05	76	1640726	45.967	ug/l	100
18) Methyl Acetate	4.33	43	573163	45.755	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1778169	46.040	ug/l	98
20) Methylene Chloride	4.55	84	724652	47.107	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	669568	43.996	ug/l	98
22) Diisopropyl ether	5.96	45	2189361	46.907	ug/l	96
23) Vinyl Acetate	5.90	43	7298331	233.333	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1292857	44.091	ug/l	100
25) 2-Butanone	6.84	43	1308649	224.209	ug/l	99
26) 2,2-Dichloropropane	6.82	77	1124468	46.205	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	783573	45.020	ug/l	100
28) Bromochloromethane	7.19	49	616800	46.249	ug/l	97
29) Tetrahydrofuran	7.21	42	820881	223.968	ug/l	99
30) Chloroform	7.37	83	1333555	44.139	ug/l	99
31) Cyclohexane	7.65	56	1087926	46.600	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1146134	44.668	ug/l	99
36) 1,1-Dichloropropene	7.79	75	987333	47.020	ug/l	99
37) Ethyl Acetate	6.93	43	578490	46.543	ug/l	99
38) Carbon Tetrachloride	7.77	117	1014836	46.232	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1086331	49.081	ug/l	99
40) Benzene	8.04	78	2910375	46.332	ug/l	100
41) Methacrylonitrile	7.18	41	324246	46.119	ug/l	98
42) 1,2-Dichloroethane	8.13	62	931004	45.310	ug/l	100
43) Isopropyl Acetate	8.17	43	1048477	46.931	ug/l	95
44) Trichloroethene	8.84	130	778128	46.005	ug/l	100
45) 1,2-Dichloropropane	9.12	63	790620	46.833	ug/l	100
46) Dibromomethane	9.21	93	454446	45.326	ug/l	99
47) Bromodichloromethane	9.40	83	1019903	46.194	ug/l	99
48) Methyl methacrylate	9.20	41	528925	47.353	ug/l	99
49) 1,4-Dioxane	9.20	88	135101	923.082	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2899763	239.057	ug/l	100
52) Toluene	10.16	92	1823482	48.504	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1036775	48.819	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	1191724	49.267	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	674883	47.412	ug/l	100
56) Ethyl methacrylate	10.43	69	843815	49.725	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1113586	46.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2492764	306.291	ug/l	100
59) 2-Hexanone	10.75	43	1989462	246.711	ug/l	100
60) Dibromochloromethane	10.90	129	773956	46.995	ug/l	99
61) 1,2-Dibromoethane	11.01	107	642338	46.950	ug/l	98
64) Tetrachloroethene	10.63	164	699687	46.319	ug/l	99
65) Chlorobenzene	11.44	112	2027457	46.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	776880	47.642	ug/l	100
67) Ethyl Benzene	11.51	91	3493096	49.217	ug/l	100
68) m/p-Xylenes	11.62	106	2693935	101.128	ug/l	99
69) o-Xylene	11.95	106	1297748	50.428	ug/l	98
70) Styrene	11.97	104	2139256	52.333	ug/l	100
71) Bromoform	12.13	173	529678	48.075	ug/l #	100
73) Isopropylbenzene	12.25	105	3529822	48.104	ug/l	100
74) N-amyl acetate	12.07	43	920098	48.199	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	827900	48.917	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	997886	63.618	ug/l #	100
77) Bromobenzene	12.53	156	886025	45.515	ug/l	99
78) n-propylbenzene	12.59	91	4051379	48.969	ug/l	99
79) 2-Chlorotoluene	12.68	91	2395923	47.320	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2860252	49.049	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	233664	48.107	ug/l	99
82) 4-Chlorotoluene	12.77	91	2435756	48.502	ug/l	100
83) tert-Butylbenzene	12.99	119	2519177	48.283	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2916897	49.877	ug/l	100
85) sec-Butylbenzene	13.17	105	3414408	49.933	ug/l	100
86) p-Isopropyltoluene	13.29	119	2979948	51.499	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1580306	46.822	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1534933	46.780	ug/l	99
89) n-Butylbenzene	13.62	91	2473191	51.775	ug/l	100
90) Hexachloroethane	13.88	117	547844	48.910	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1521173	46.180	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	117175	45.132	ug/l	95

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QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration

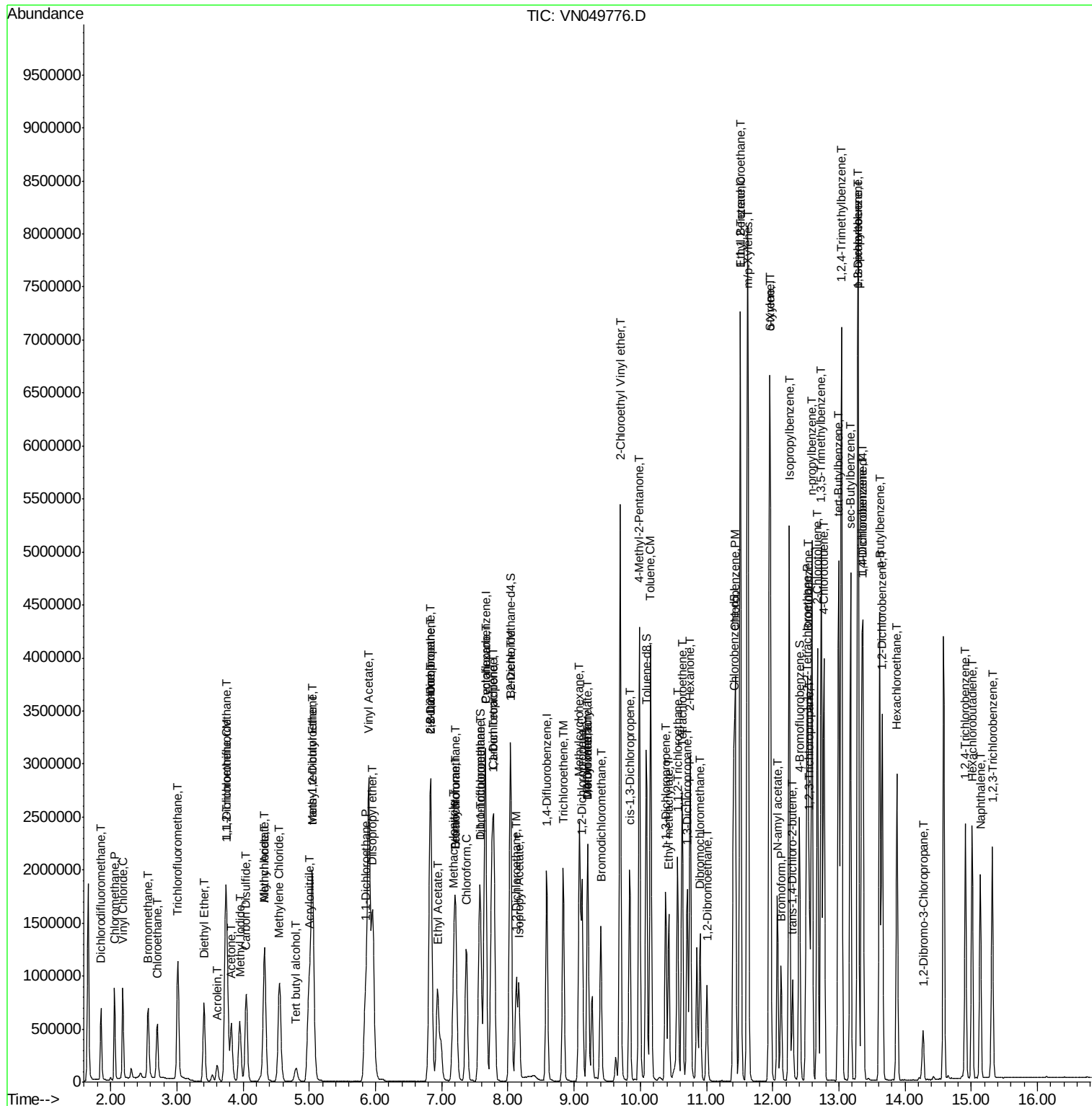
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	814976	45.323	ug/l	100
94) Hexachlorobutadiene	15.01	225	514790	51.088	ug/l	100
95) Naphthalene	15.14	128	1656591	43.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	799282	50.035	ug/l	99

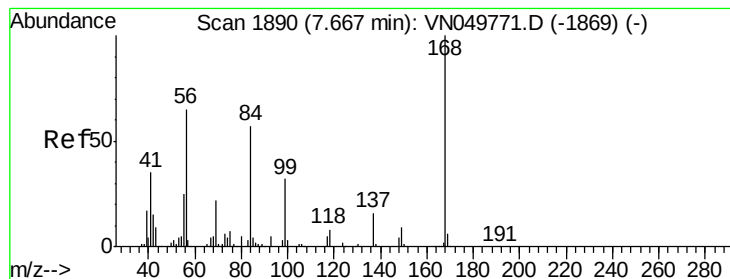
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

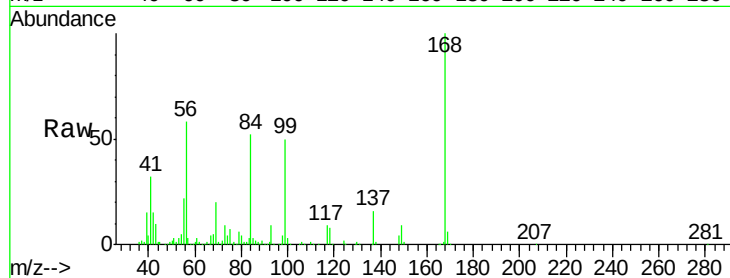
ClientSampled :

Tot Ion:168 Resp: 1287547

Ion Ratio Lower Upper

168 100

99 49.9 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

600000

500000

400000

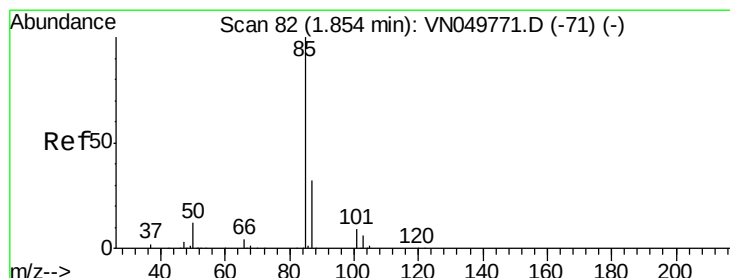
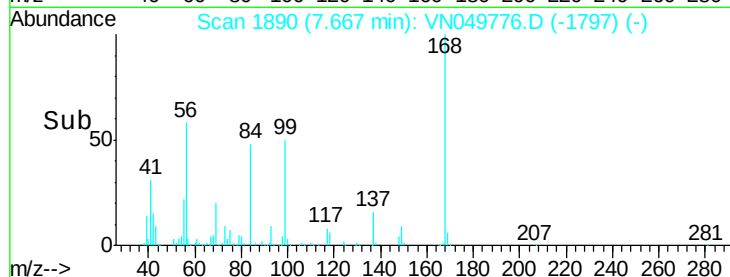
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.410 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049776.D

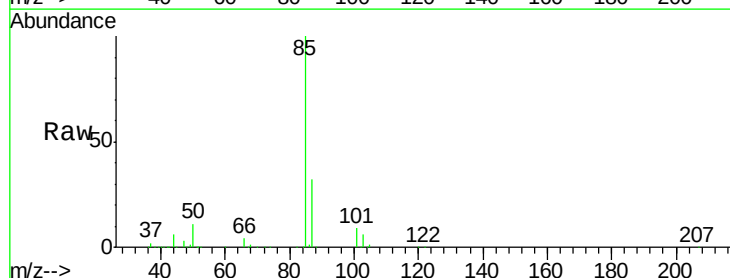
Acq: 12 Jul 2018 17:31

Tgt Ion: 85 Resp: 529525

Ion Ratio Lower Upper

85 100

87 31.9 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

400000

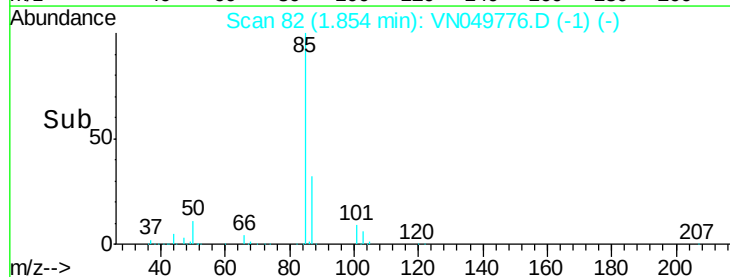
300000

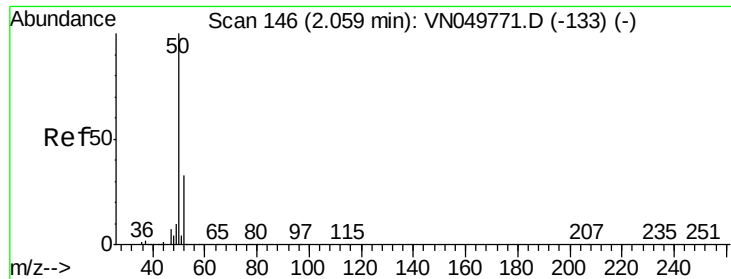
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.980 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

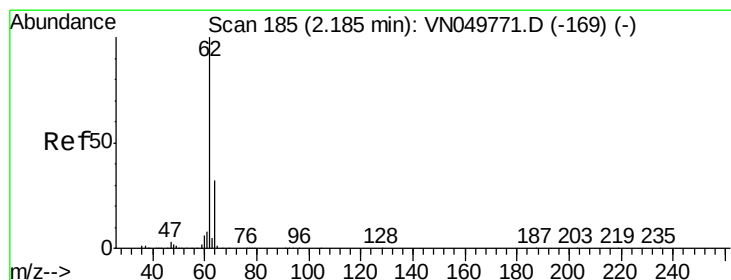
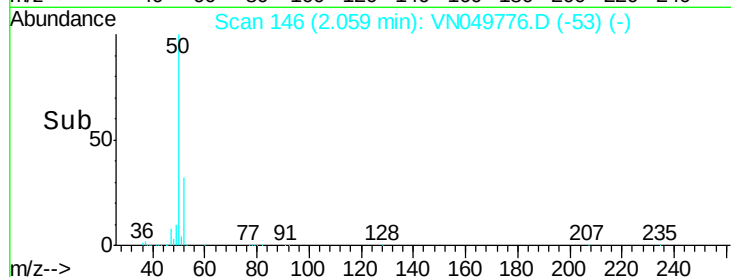
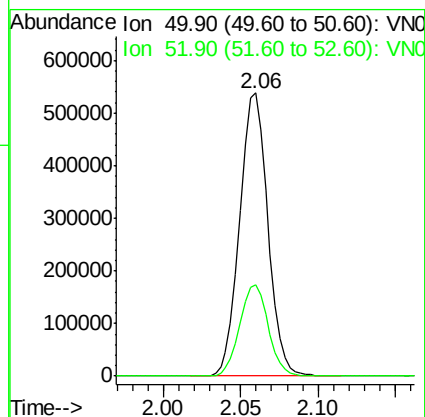
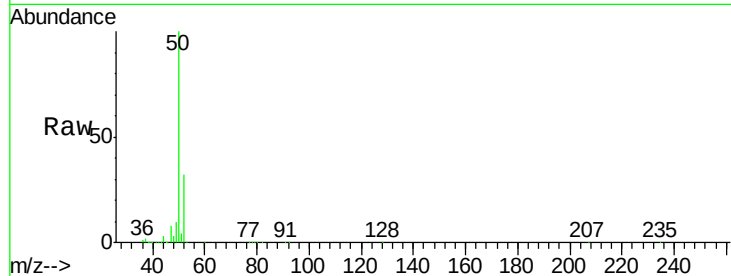
ClientSampled :

Tot Ion: 50 Resp: 680391

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 47.068 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049776.D

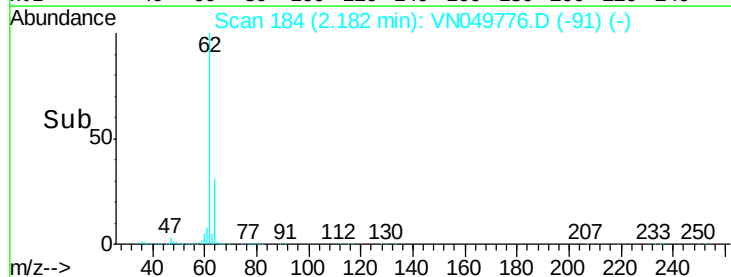
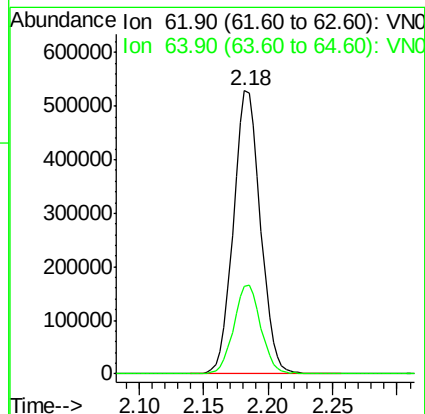
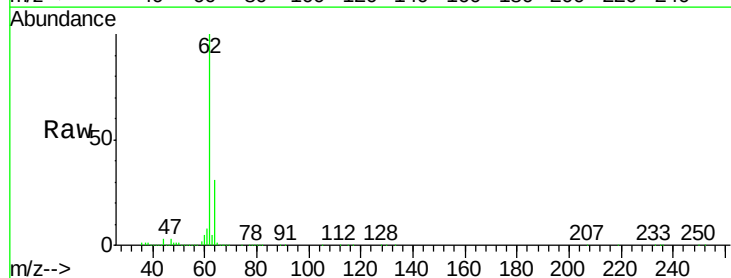
Acq: 12 Jul 2018 17:31

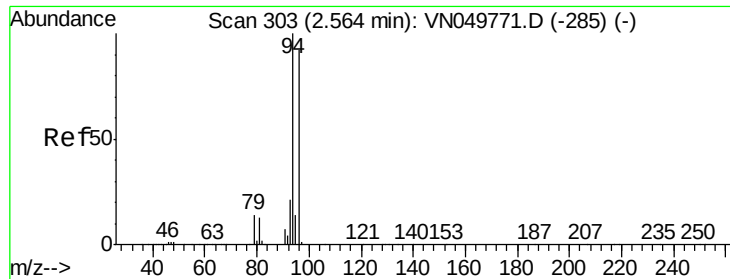
Tgt Ion: 62 Resp: 769378

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.0





#5

Bromomethane

Concen: 47.405 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

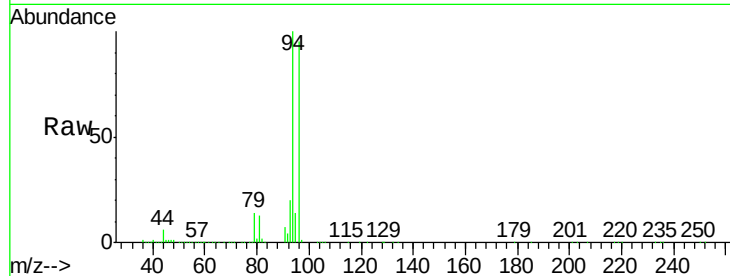
ClientSampleId :

Tot Ion: 94 Resp: 480466

Ion Ratio Lower Upper

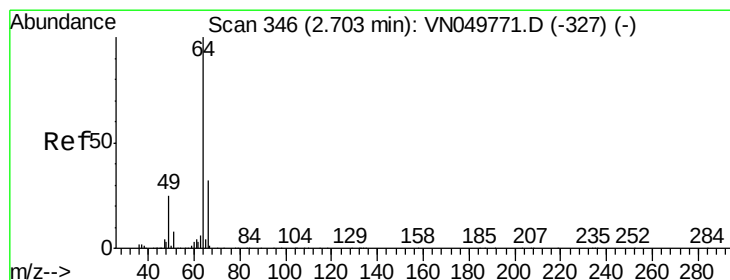
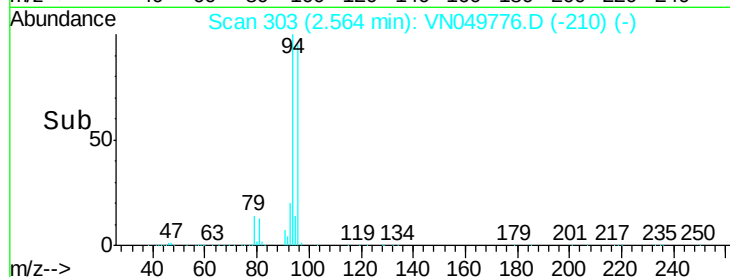
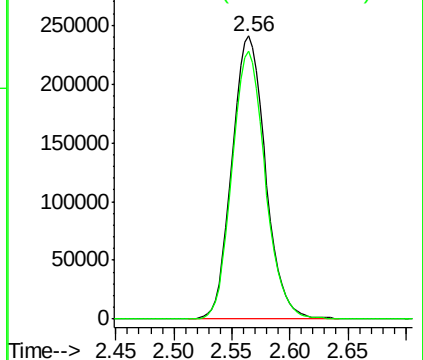
94 100

96 94.5 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 43.383 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049776.D

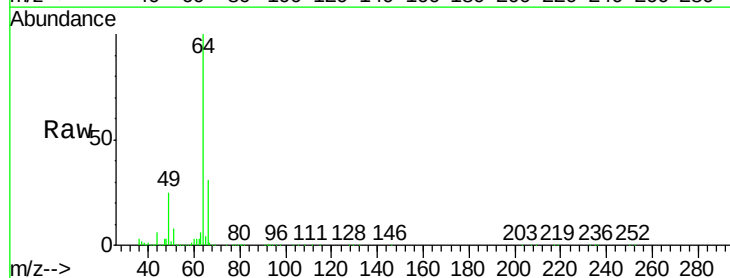
Acq: 12 Jul 2018 17:31

Tgt Ion: 64 Resp: 496844

Ion Ratio Lower Upper

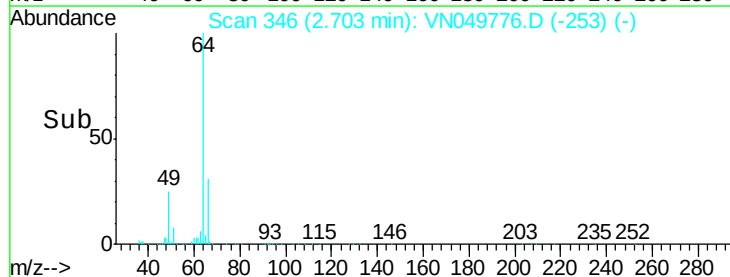
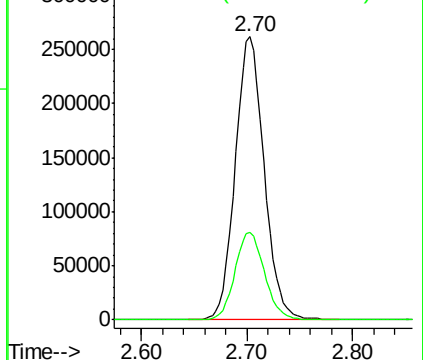
64 100

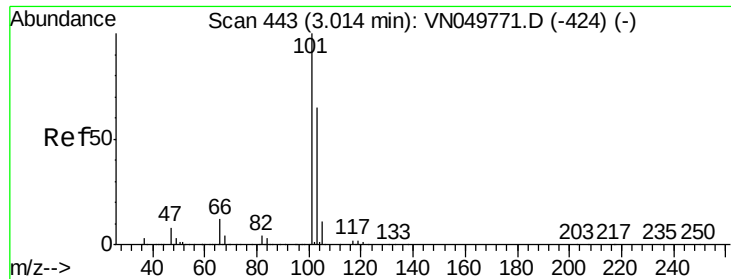
66 30.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



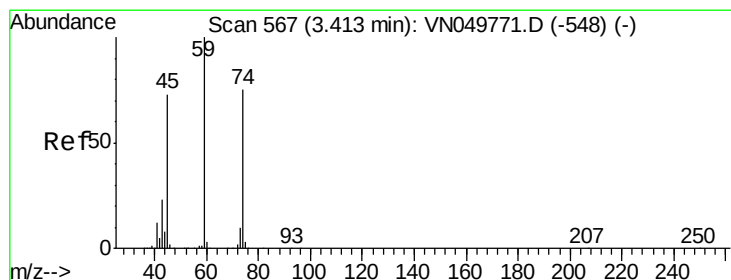
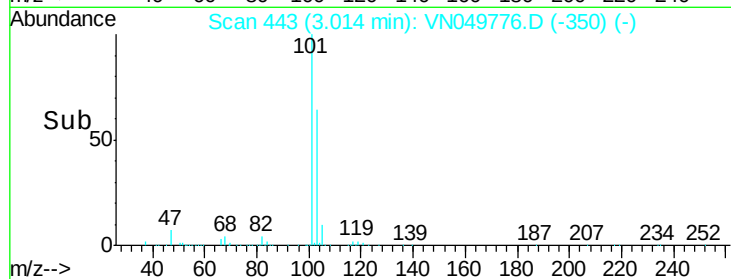
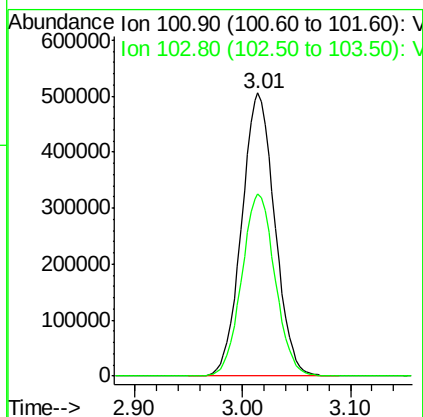
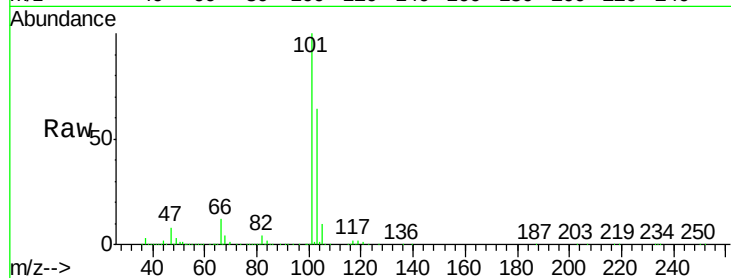


#7

Trichlorofluoromethane
Concen: 44.102 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Instrument :
MSVOA_N
ClientSampled :

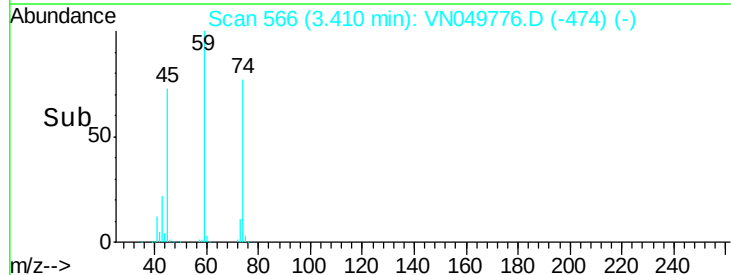
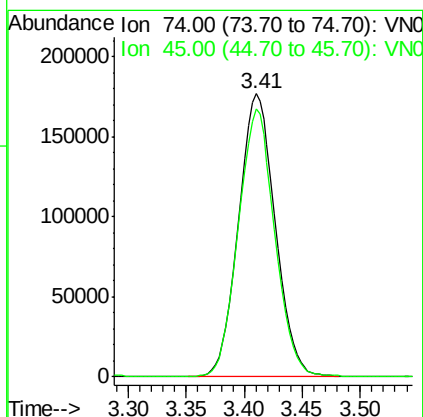
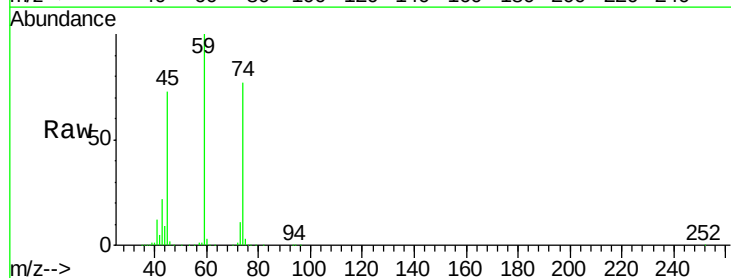
Tot Ion:101 Resp: 1076686
Ion Ratio Lower Upper
101 100
103 64.3 52.8 79.2

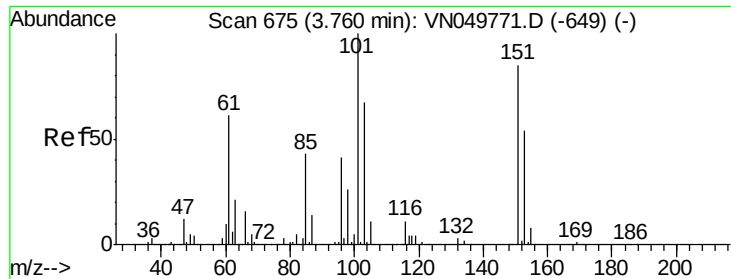


#8

Diethyl Ether
Concen: 44.492 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 74 Resp: 389230
Ion Ratio Lower Upper
74 100
45 93.7 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.903 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampled :

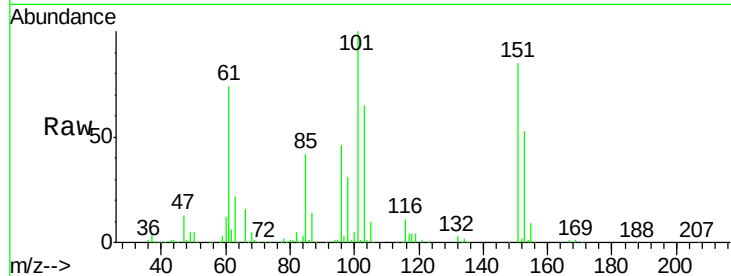
Tot Ion:101 Resp: 695685

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

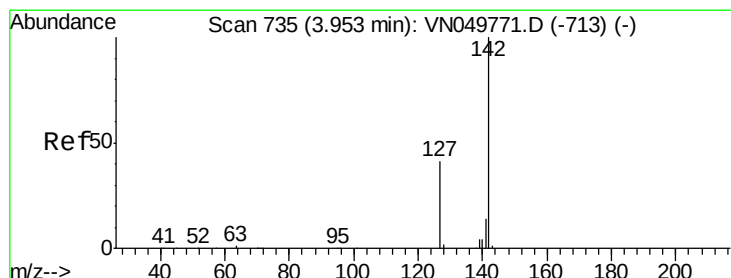
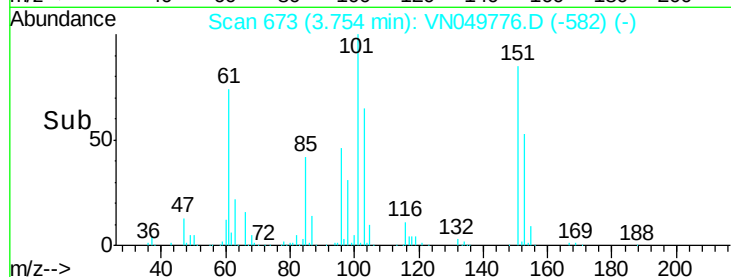
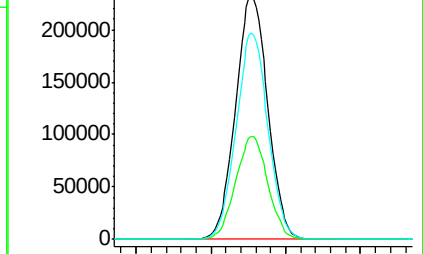
151 83.7 66.2 99.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.105 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

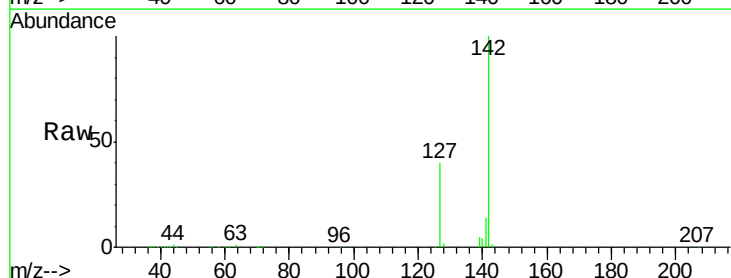
Tgt Ion:142 Resp: 928590

Ion Ratio Lower Upper

142 100

127 40.5 32.5 48.7

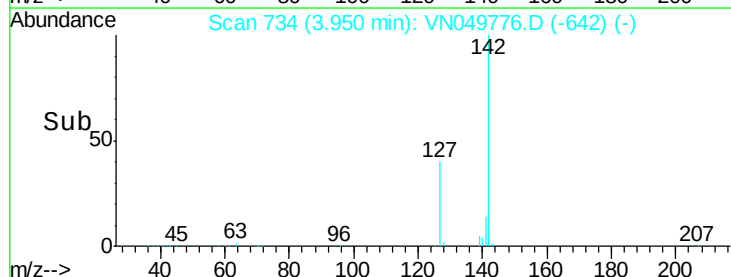
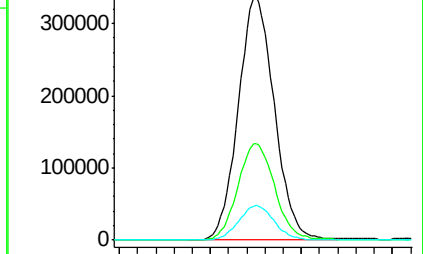
141 14.1 11.1 16.7

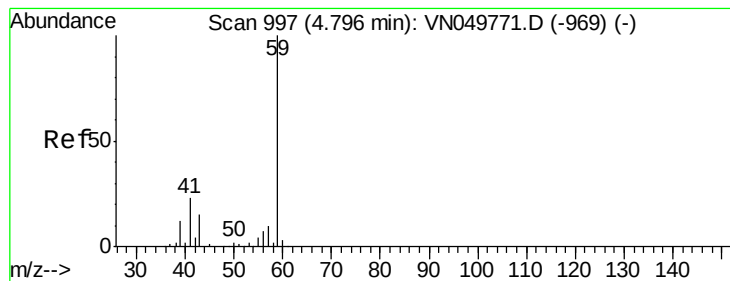


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



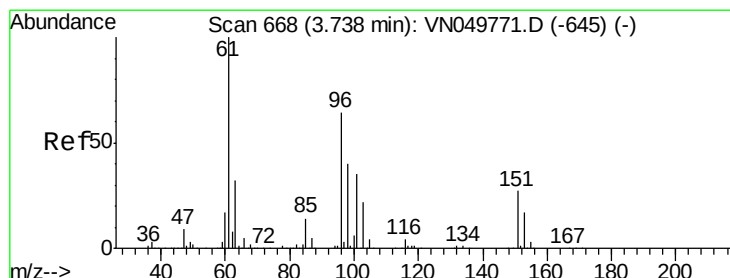
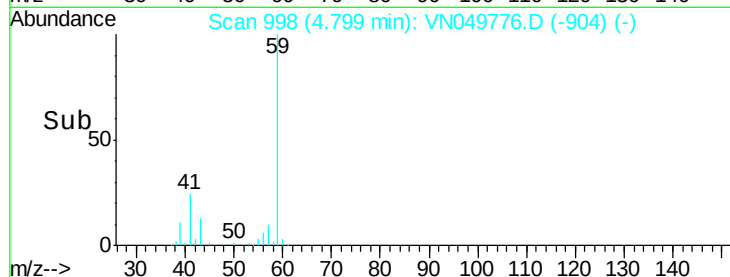
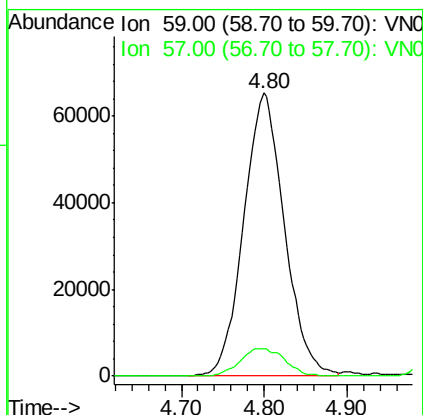
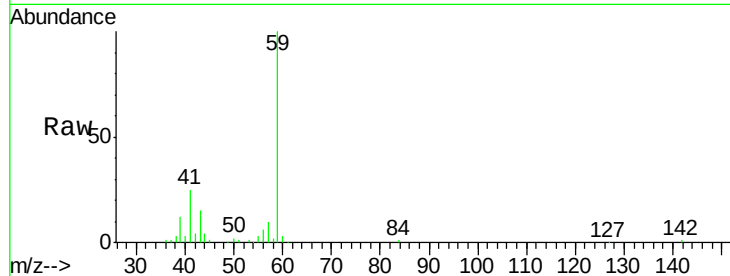


#11

Tert butyl alcohol
Concen: 221.767 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Instrument :
MSVOA_N
ClientSampled :

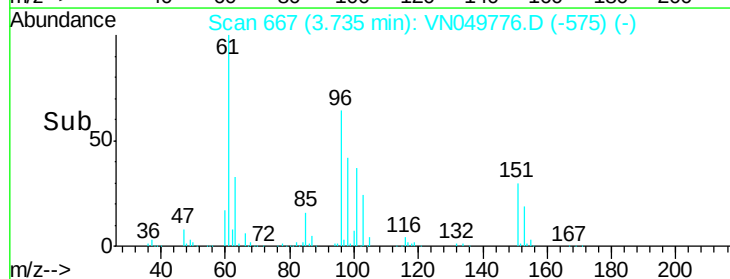
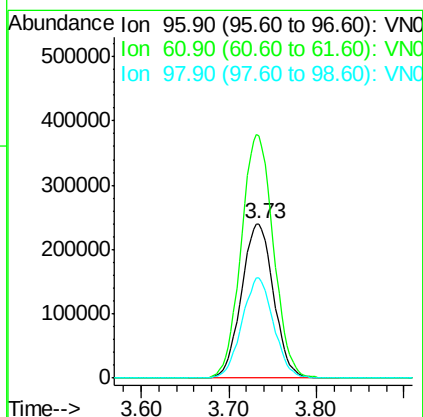
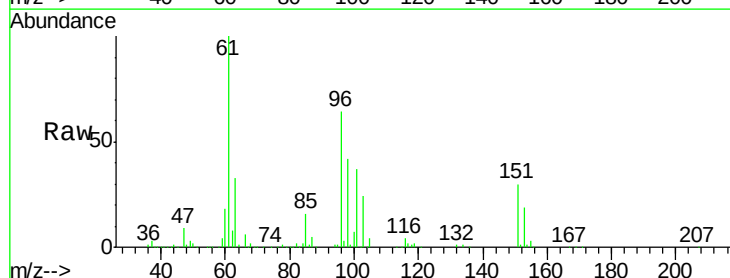
Tot Ion: 59 Resp: 222309
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

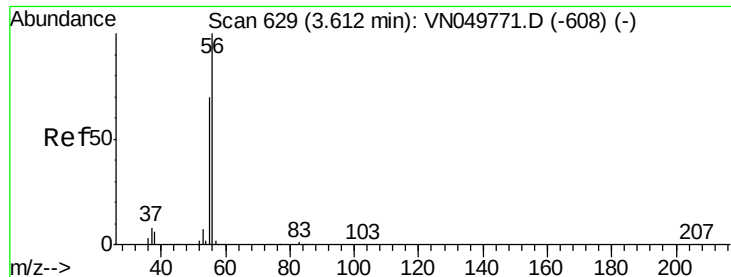


#12

1,1-Dichloroethene
Concen: 43.822 ug/l
RT: 3.73 min Scan# 667
Delta R.T. -0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 96 Resp: 610131
Ion Ratio Lower Upper
96 100
61 156.7 126.5 189.7
98 65.4 51.0 76.6





#13

Acrolein

Concen: 194.274 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.01 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

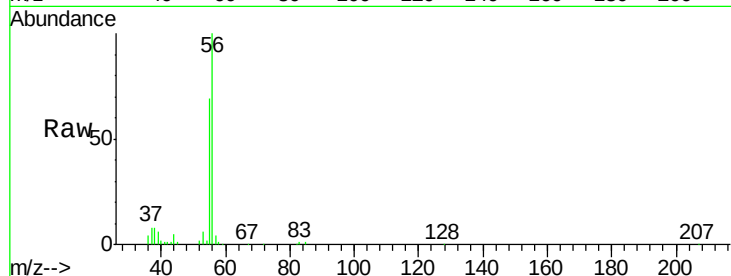
ClientSampleId :

Tot Ion: 56 Resp: 171054

Ion Ratio Lower Upper

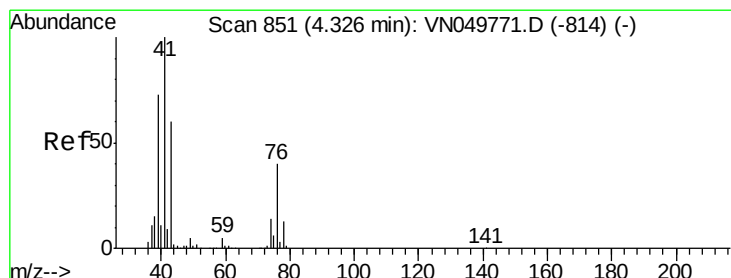
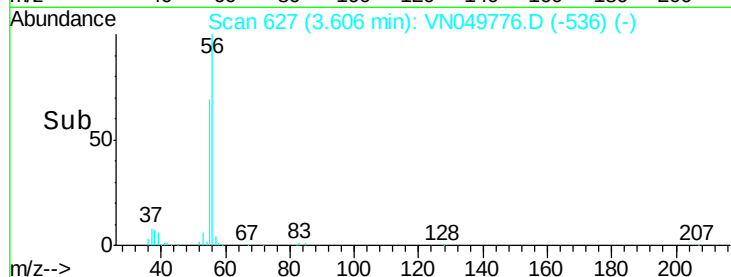
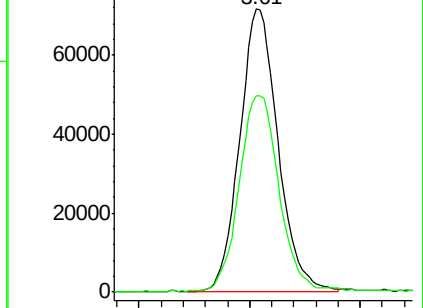
56 100

55 71.5 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN049776.D (-536) (-)

Ion 55.00 (54.70 to 55.70): VN049776.D (-536) (-)



#14

Allyl chloride

Concen: 44.739 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.01 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

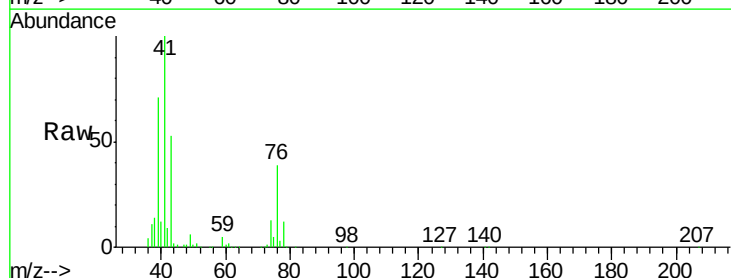
Tgt Ion: 41 Resp: 1016559

Ion Ratio Lower Upper

41 100

39 67.9 53.2 79.8

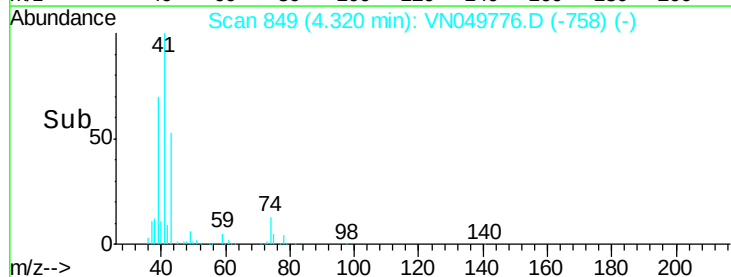
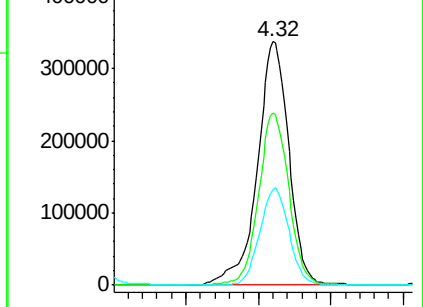
76 36.7 29.0 43.6

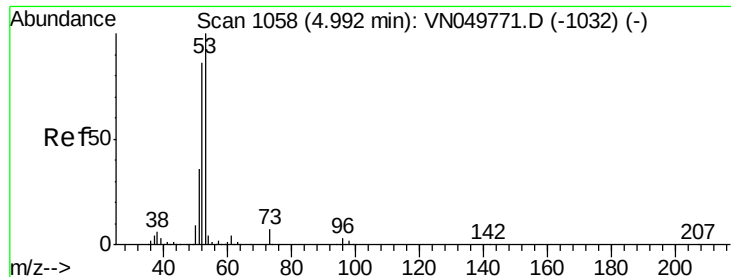


Abundance Ion 41.00 (40.70 to 41.70): VN049776.D (-758) (-)

Ion 39.00 (38.70 to 39.70): VN049776.D (-758) (-)

Ion 75.90 (75.60 to 76.60): VN049776.D (-758) (-)





#15

Acrylonitrile

Concen: 221.081 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

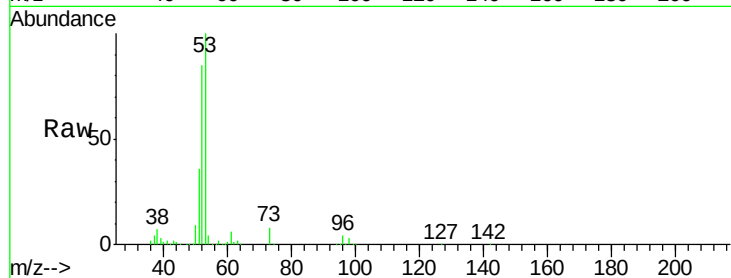
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 1109875

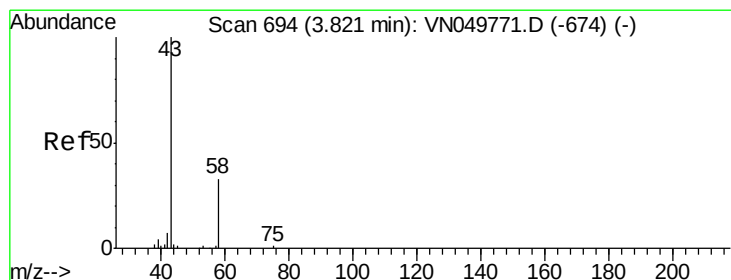
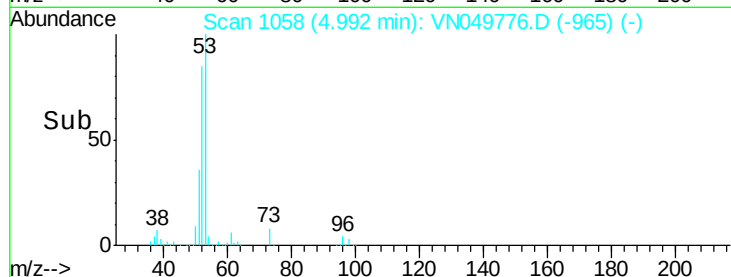
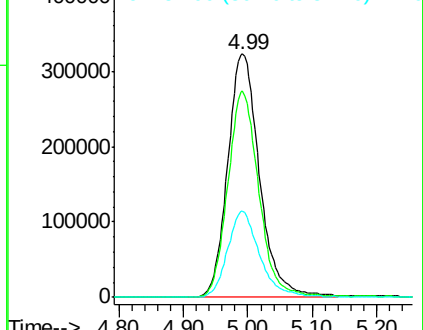
Ion	Ratio	Lower	Upper
53	100		
52	82.6	64.8	97.2
51	35.8	28.9	43.3



Abundance Ion 53.00 (52.70 to 53.70): VN049776.D (-1032) (-)

Ion 52.00 (51.70 to 52.70): VN049776.D (-1032) (-)

Ion 51.00 (50.70 to 51.70): VN049776.D (-1032) (-)



#16

Acetone

Concen: 237.256 ug/l

RT: 3.82 min Scan# 694

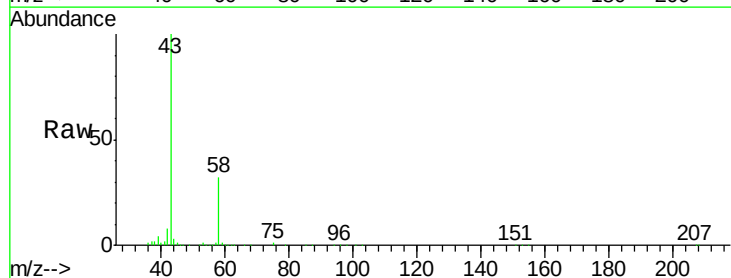
Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

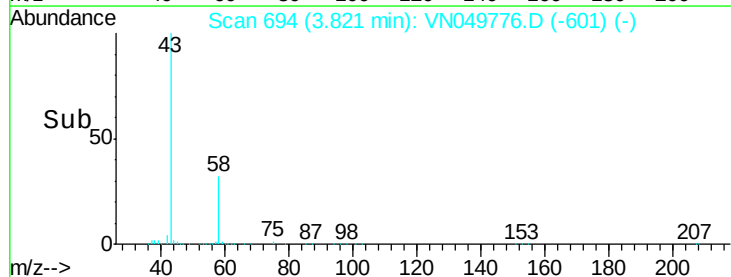
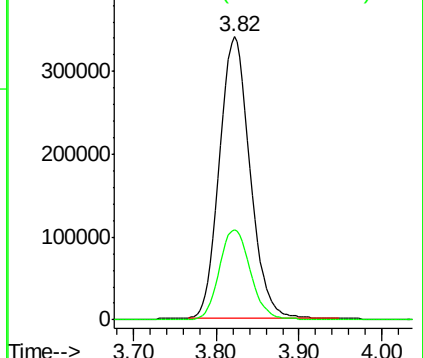
Tgt Ion: 43 Resp: 874979

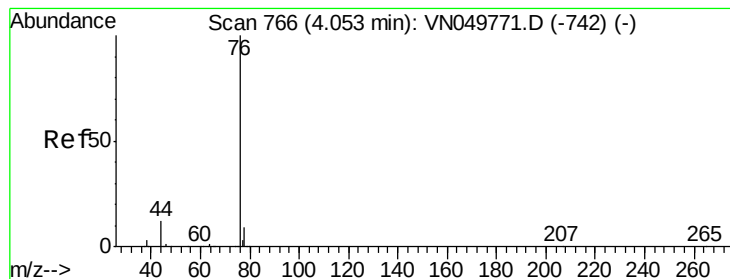
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.9	38.9



Abundance Ion 43.00 (42.70 to 43.70): VN049776.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN049776.D (-601) (-)





#17

Carbon Disulfide

Concen: 45.967 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.01 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

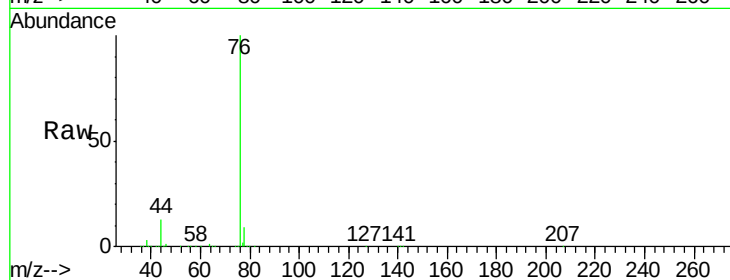
ClientSampled :

Tot Ion: 76 Resp: 1640726

Ion Ratio Lower Upper

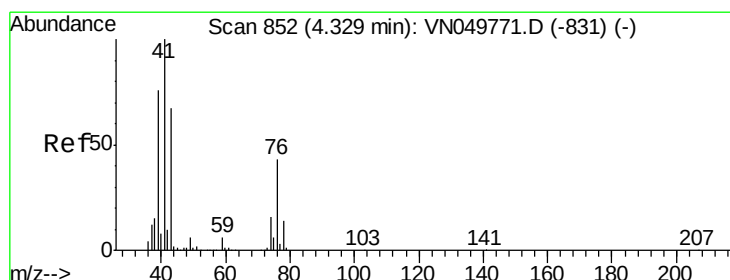
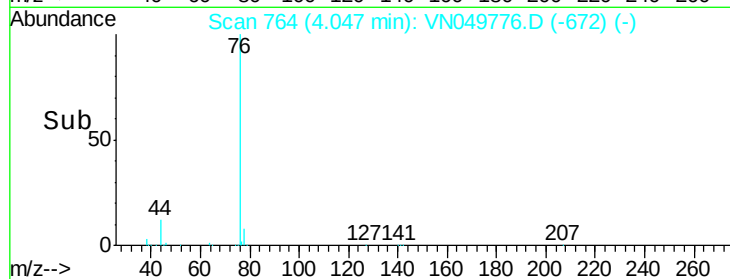
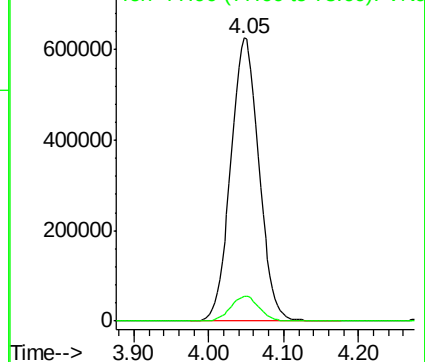
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 45.755 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049776.D

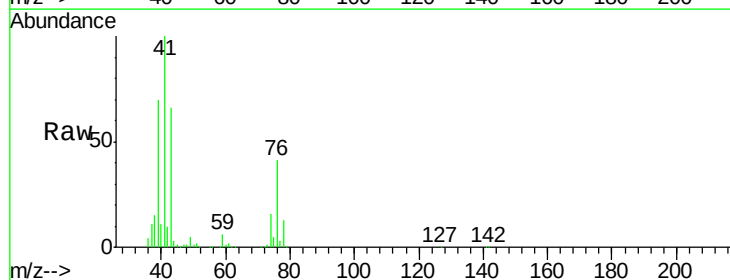
Acq: 12 Jul 2018 17:31

Tgt Ion: 43 Resp: 573163

Ion Ratio Lower Upper

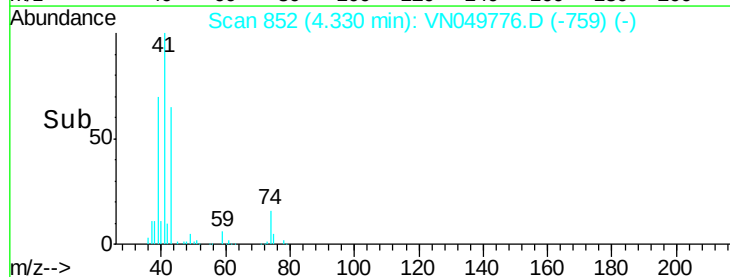
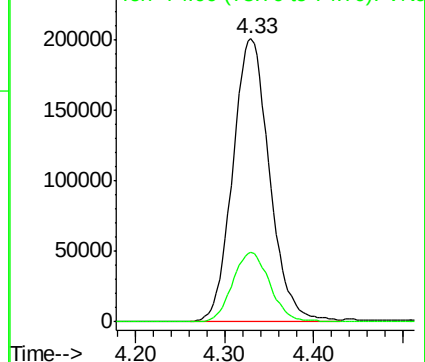
43 100

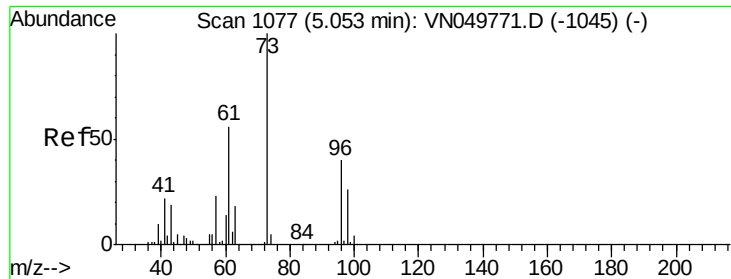
74 25.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

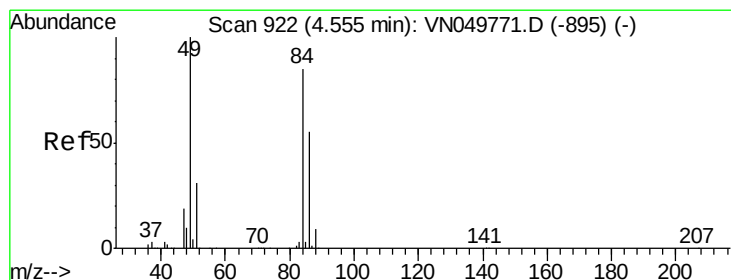
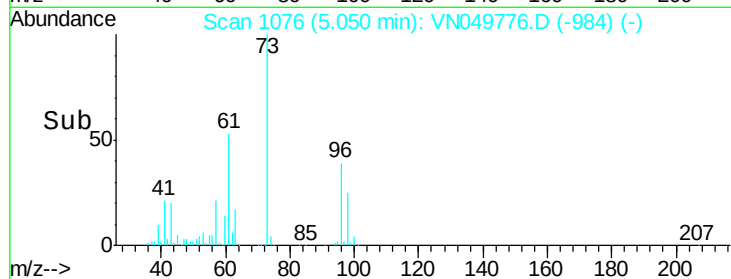
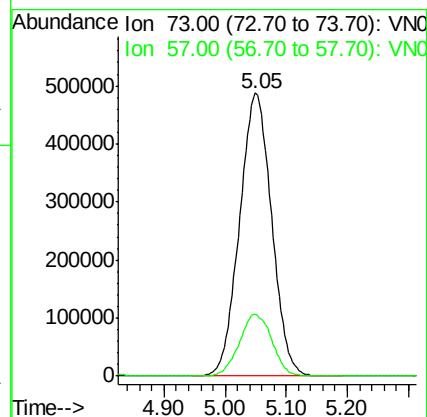
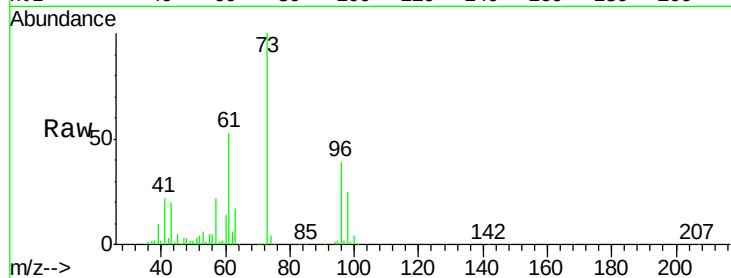




#19
Methvl tert-butvl Ether
Concen: 46.040 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

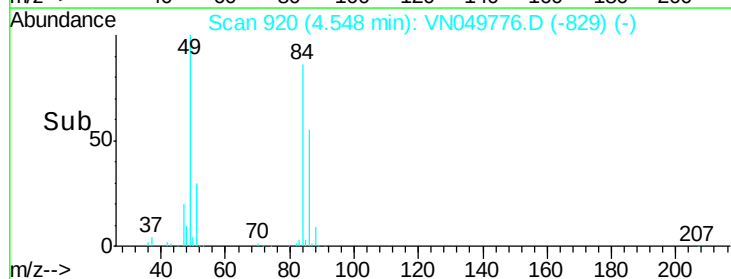
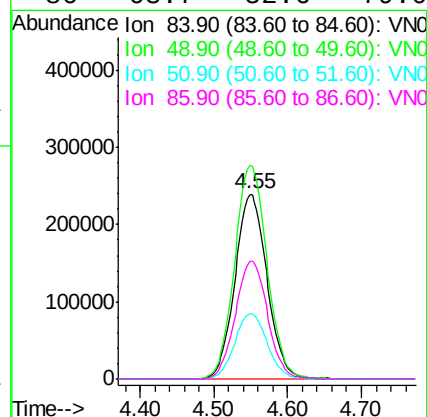
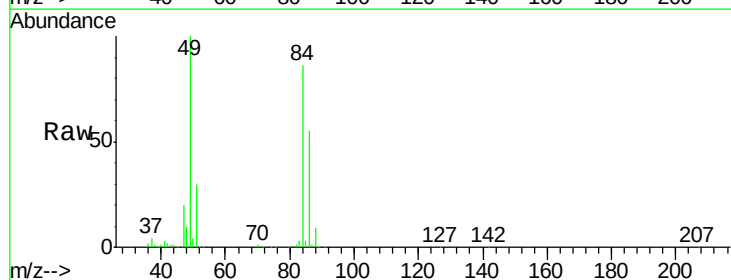
Instrument :
MSVOA_N
ClientSampled :

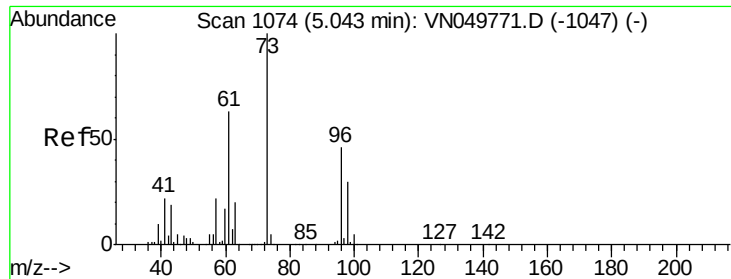
Tot Ion: 73 Resp: 1778169
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1



#20
Methylene Chloride
Concen: 47.107 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.01 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 84 Resp: 724652
Ion Ratio Lower Upper
84 100
49 115.7 95.4 143.2
51 35.1 28.4 42.6
86 63.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 43.996 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampled :

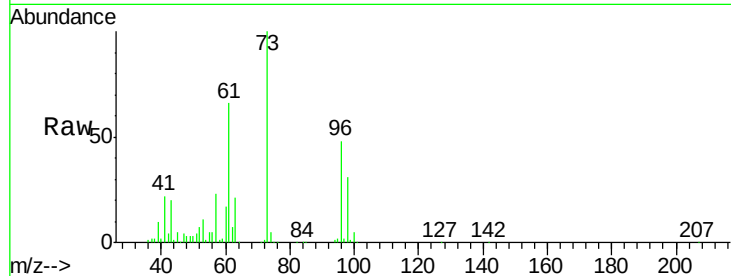
Tot Ion: 96 Resp: 669568

Ion Ratio Lower Upper

96 100

61 138.5 109.0 163.6

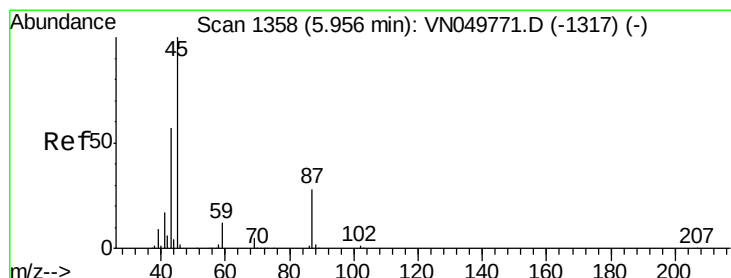
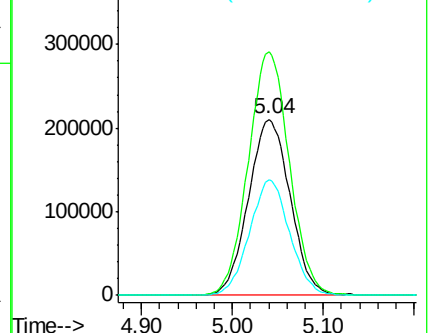
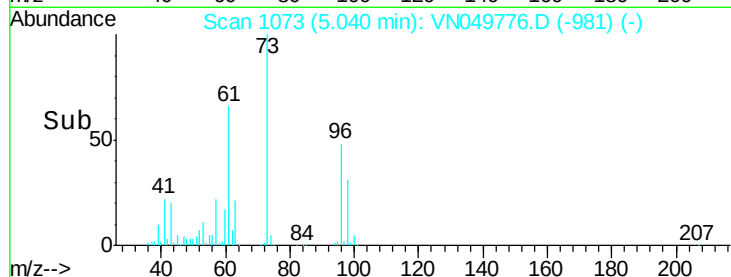
98 65.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN049776.D (-981) (-)

Ion 60.90 (60.60 to 61.60): VN049776.D (-981) (-)

Ion 97.90 (97.60 to 98.60): VN049776.D (-981) (-)



#22

Diisopropyl ether

Concen: 46.907 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Tgt Ion: 45 Resp: 2189361

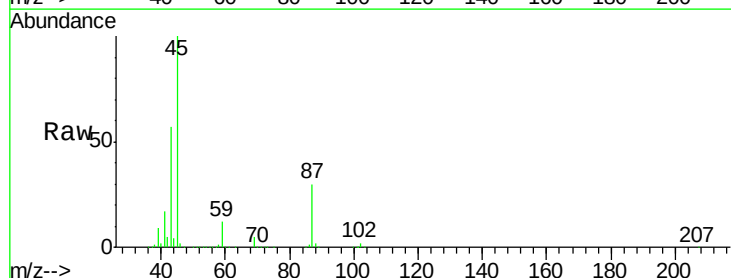
Ion Ratio Lower Upper

45 100

43 55.9 48.1 72.1

87 29.6 22.6 34.0

59 11.9 9.2 13.8

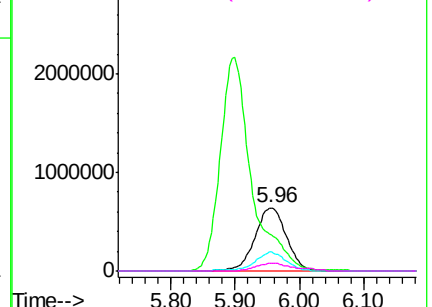
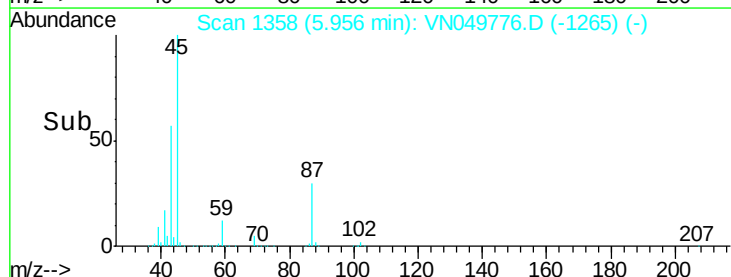


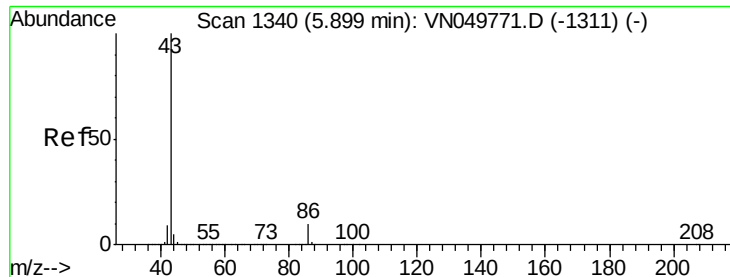
Abundance Ion 45.00 (44.70 to 45.70): VN049776.D (-1265) (-)

Ion 43.00 (42.70 to 43.70): VN049776.D (-1265) (-)

Ion 87.00 (86.70 to 87.70): VN049776.D (-1265) (-)

Ion 59.00 (58.70 to 59.70): VN049776.D (-1265) (-)





#23

Vinyl Acetate

Concen: 233.333 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

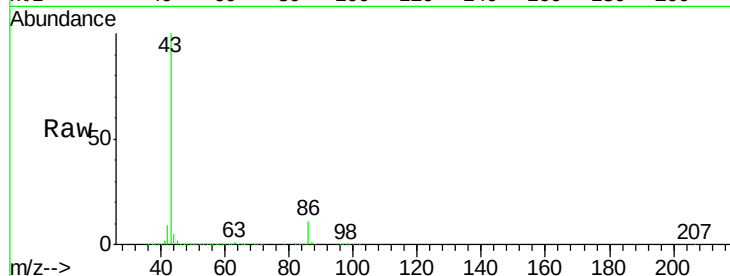
ClientSampleId :

Tot Ion: 43 Resp: 7298331

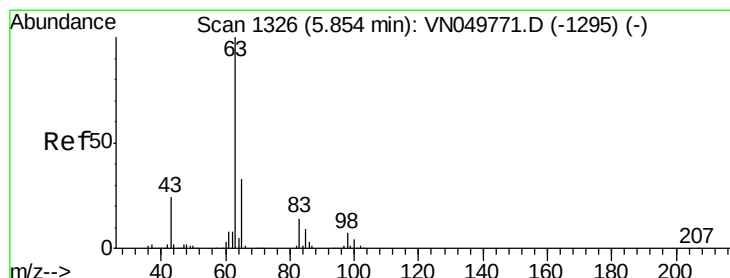
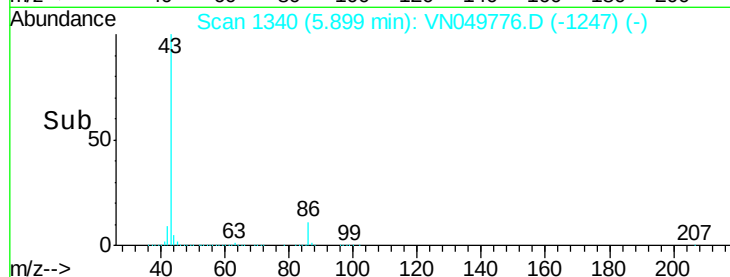
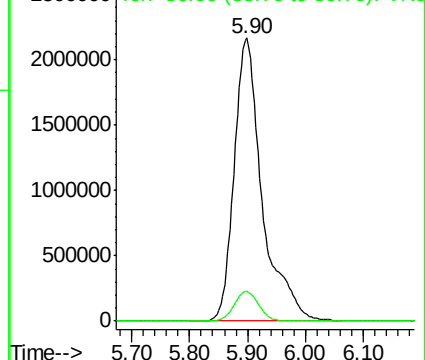
Ion Ratio Lower Upper

43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN049776.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 44.091 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

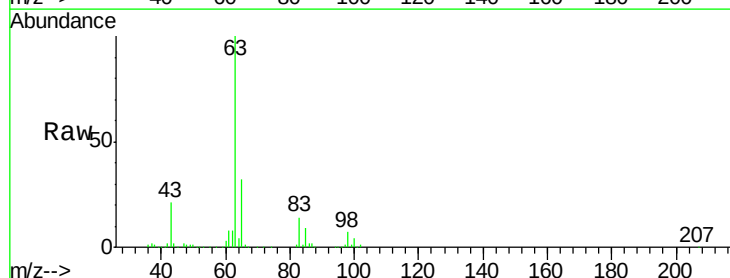
Tgt Ion: 63 Resp: 1292857

Ion Ratio Lower Upper

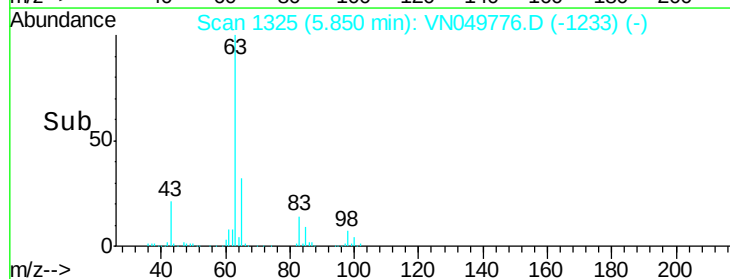
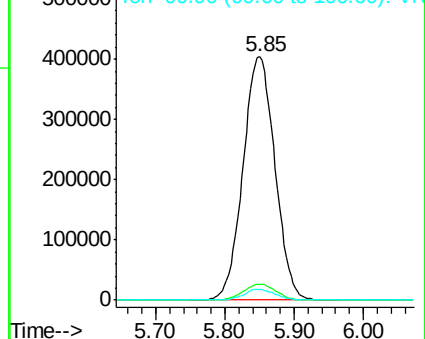
63 100

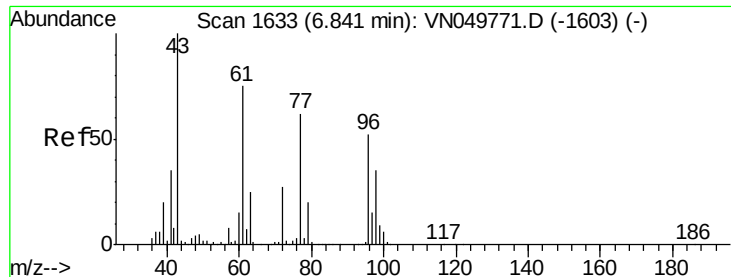
98 6.6 3.4 10.2

100 4.4 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN049776.D (-1233) (-)

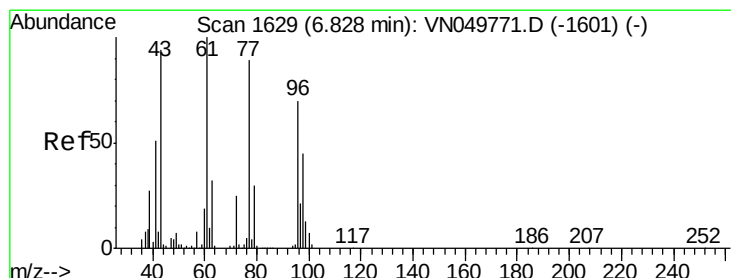
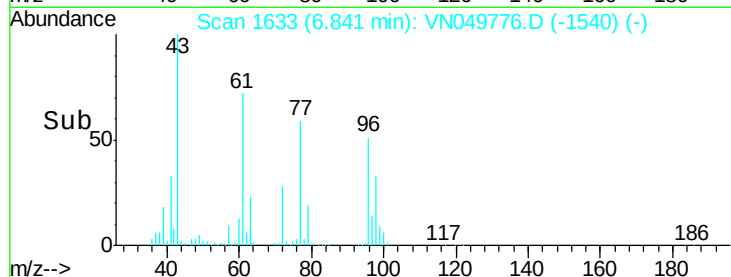
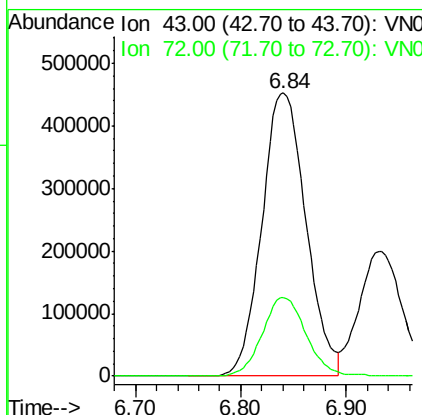
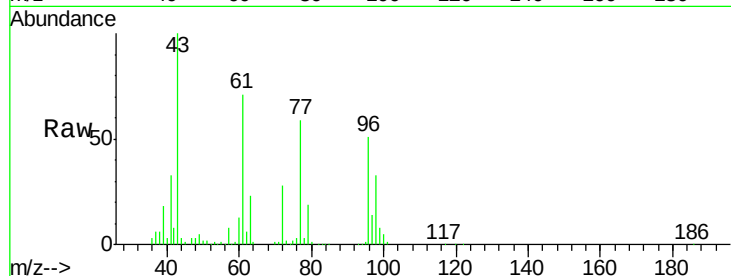




#25
2-Butanone
Concen: 224.209 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

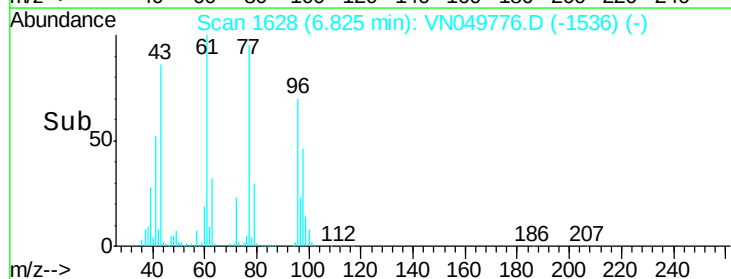
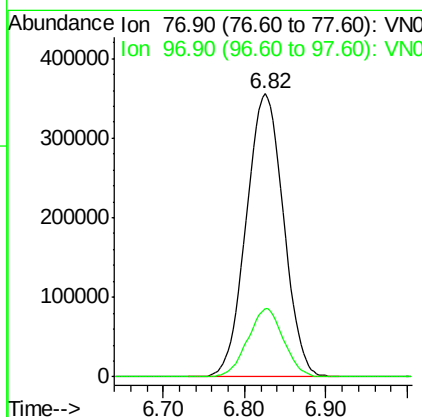
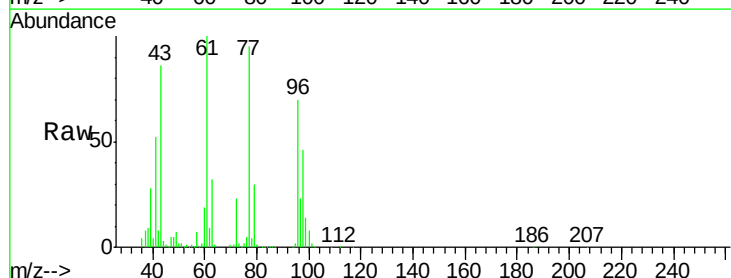
Instrument :
MSVOA_N
ClientSampled :

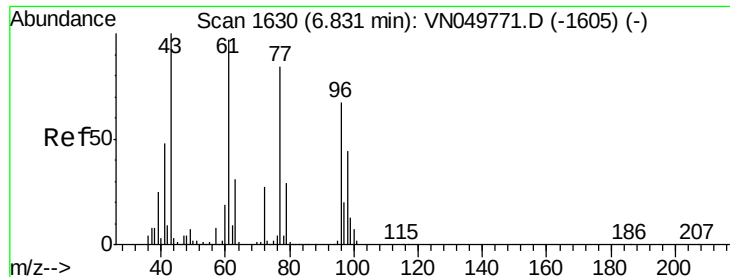
Tot Ion: 43 Resp: 1308649
Ion Ratio Lower Upper
43 100
72 28.0 22.1 33.1



#26
2,2-Dichloropropane
Concen: 46.205 ug/l
RT: 6.82 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 77 Resp: 1124468
Ion Ratio Lower Upper
77 100
97 23.2 11.9 35.5

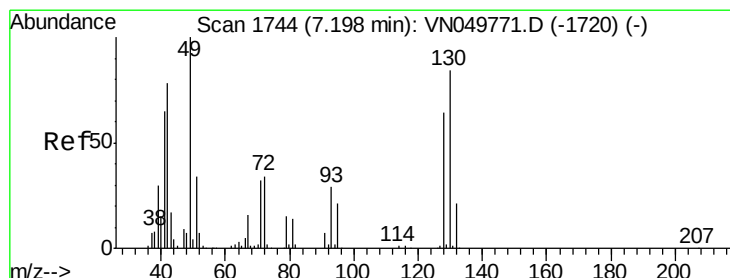
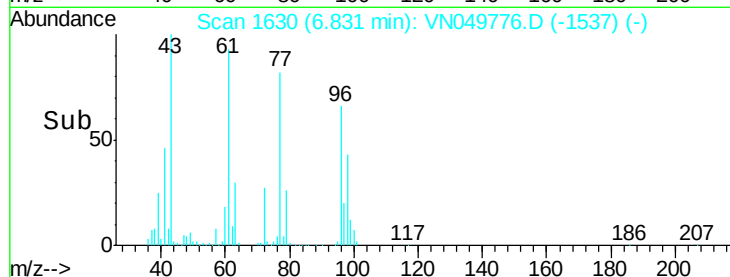
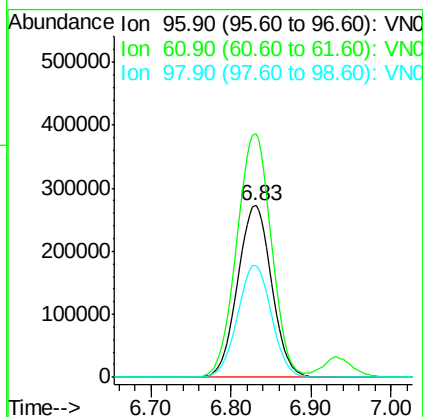
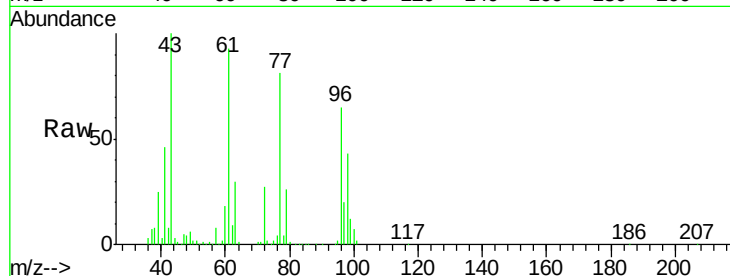




#27
 cis-1,2-Dichloroethene
 Concen: 45.020 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

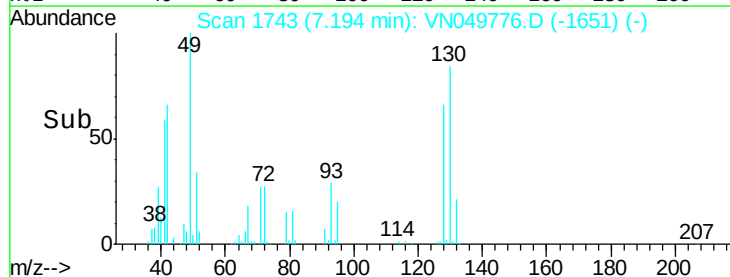
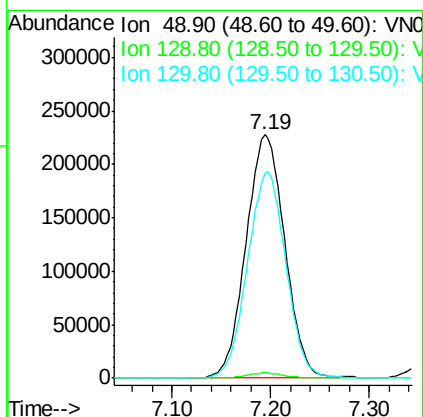
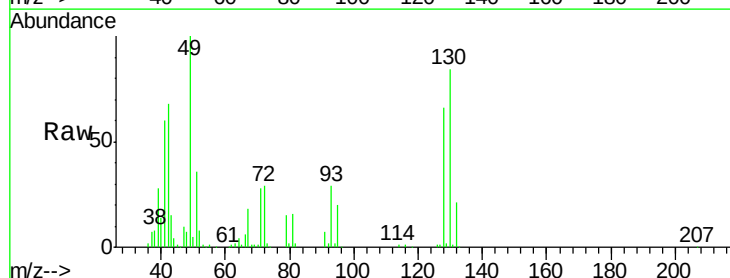
Instrument :
 MSVOA_N
 ClientSampled :

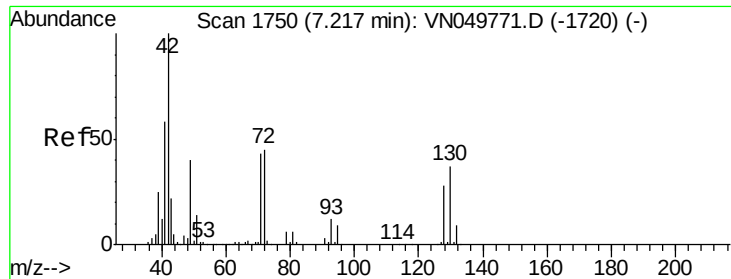
Tot Ion: 96 Resp: 783573
 Ion Ratio Lower Upper
 96 100
 61 144.4 0.0 289.0
 98 65.2 0.0 130.2



#28
 Bromochloromethane
 Concen: 46.249 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

Tgt Ion: 49 Resp: 616800
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 84.3 65.5 98.3

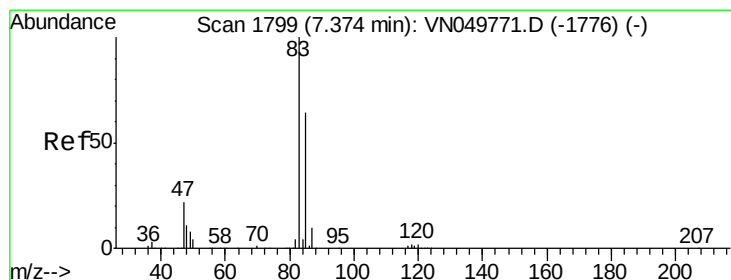
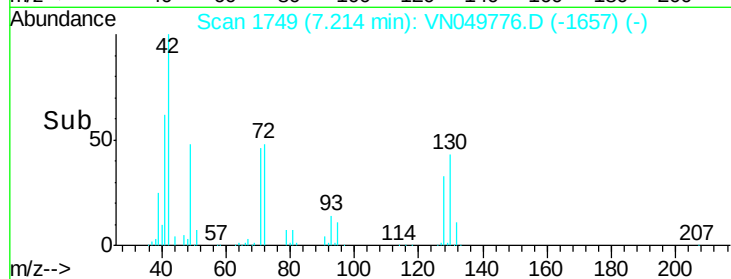
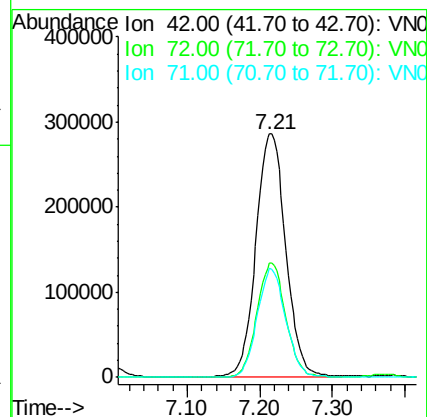
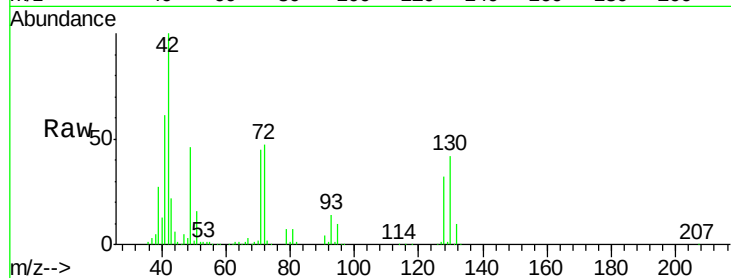




#29
Tetrahydrofuran
Concen: 223.968 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

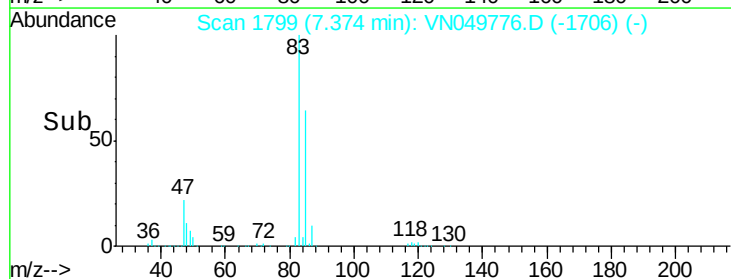
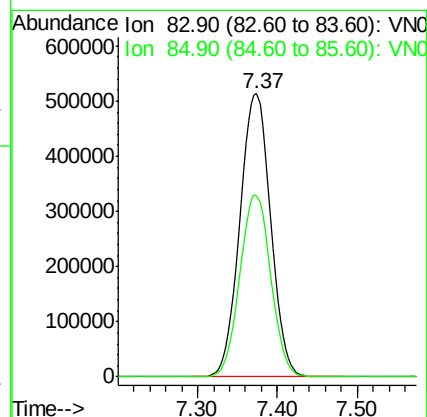
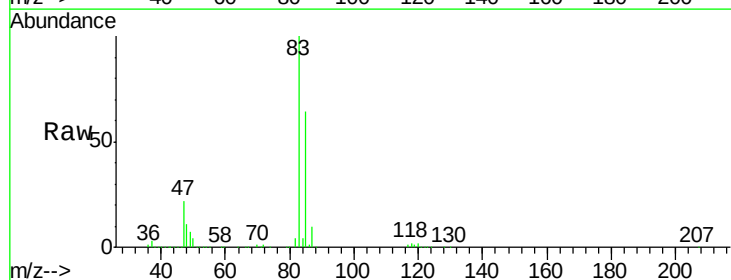
Instrument :
MSVOA_N
ClientSampleId :

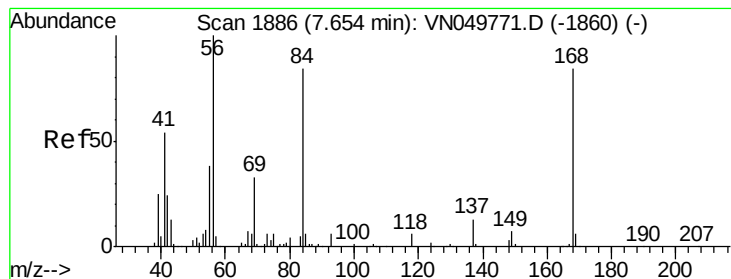
Tot Ion: 42 Resp: 820881
Ion Ratio Lower Upper
42 100
72 45.1 35.6 53.4
71 42.7 34.0 51.0



#30
Chloroform
Concen: 44.139 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 83 Resp: 1333555
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2





#31

Cyclohexane

Concen: 46.600 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampled :

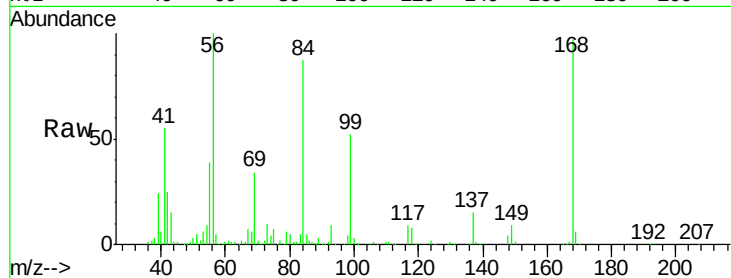
Tot Ion: 56 Resp: 1087926

Ion Ratio Lower Upper

56 100

69 33.7 26.6 40.0

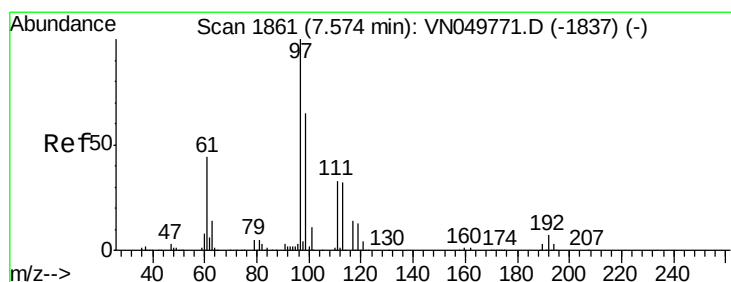
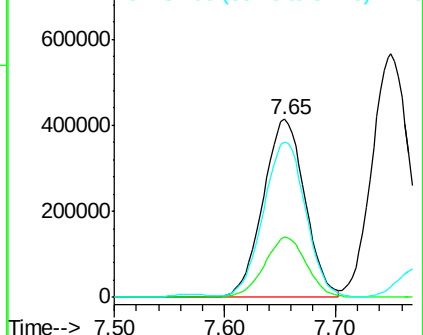
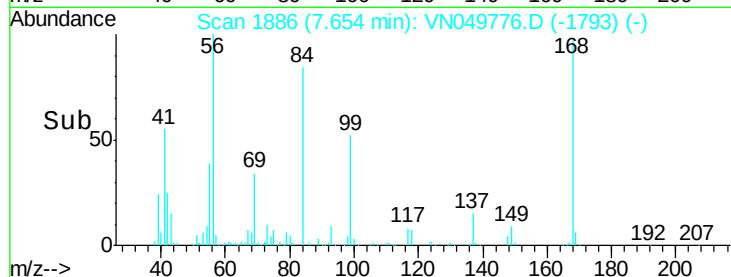
84 85.8 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VN049776.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN049776.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN049776.D (-1793) (-)



#32

1,1,1-Trichloroethane

Concen: 44.668 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

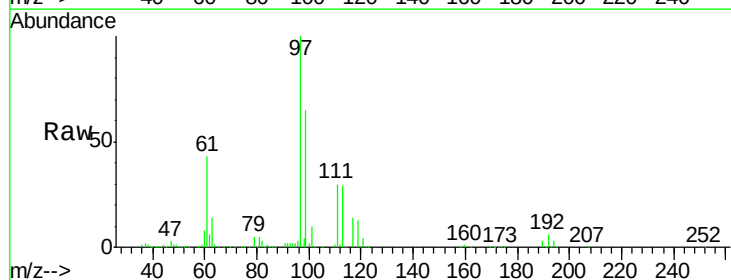
Tgt Ion: 97 Resp: 1146134

Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

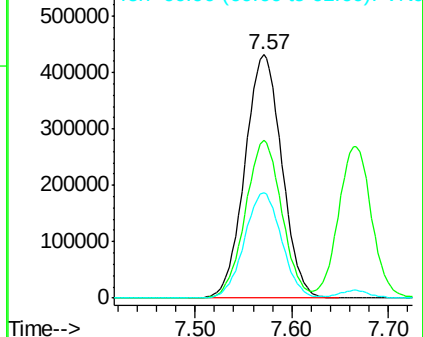
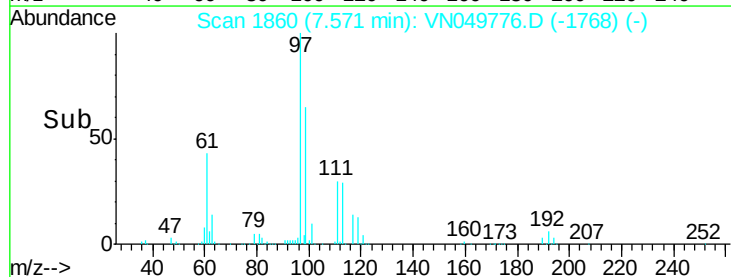
61 43.6 35.5 53.3

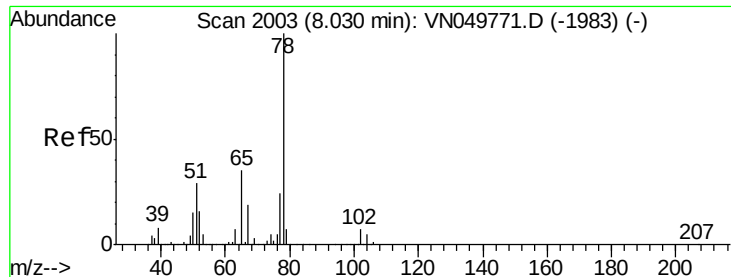


Abundance Ion 96.90 (96.60 to 97.60): VN049776.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN049776.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN049776.D (-1768) (-)

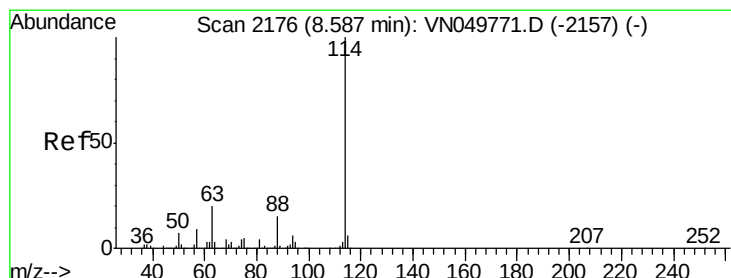
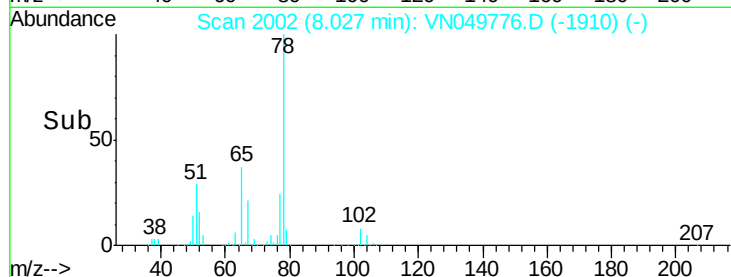
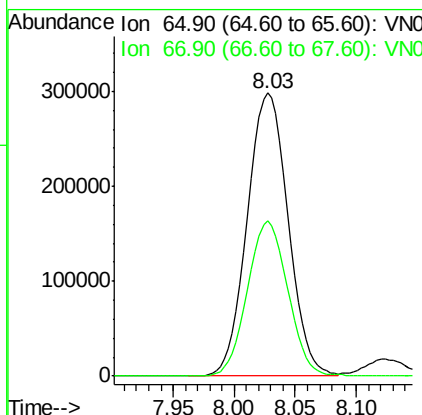
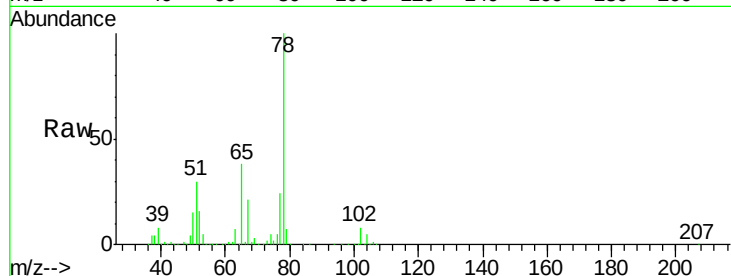




#33
 1,2-Dichloroethane-d4
 Concen: 46.337 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

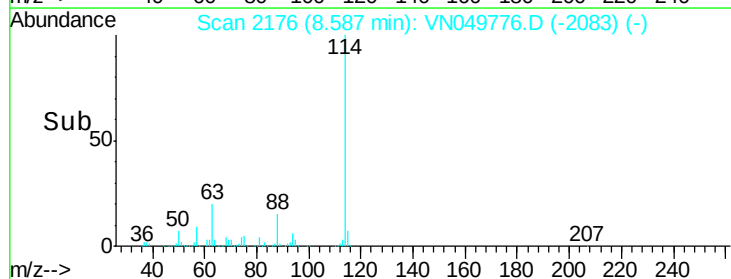
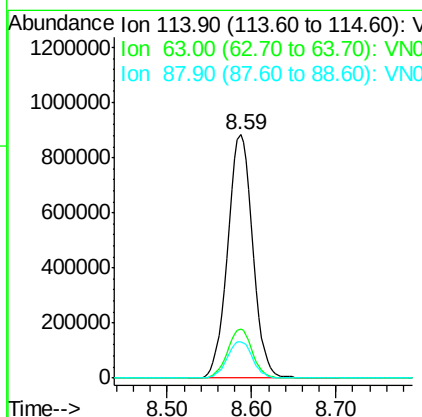
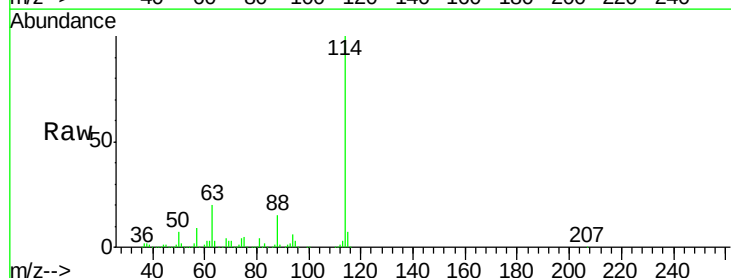
Instrument :
 MSVOA_N
 ClientSampleId :

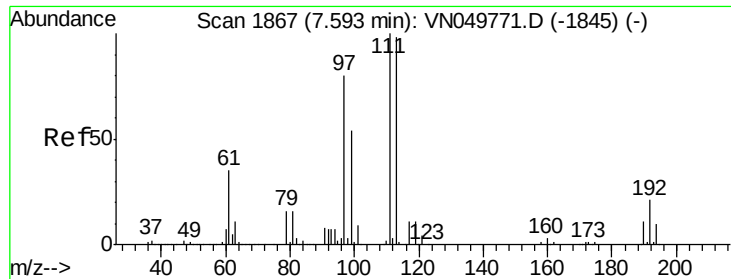
Tot Ion: 65 Resp: 694019
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

Tgt Ion: 114 Resp: 1822168
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.0 0.0 30.6

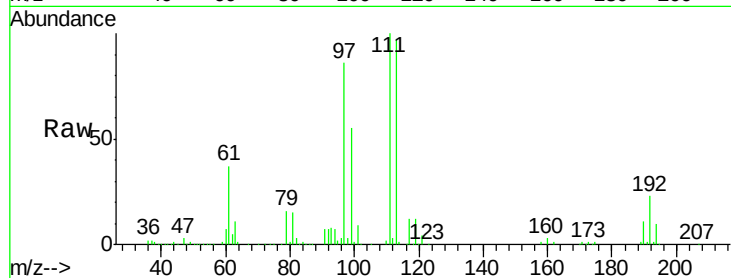




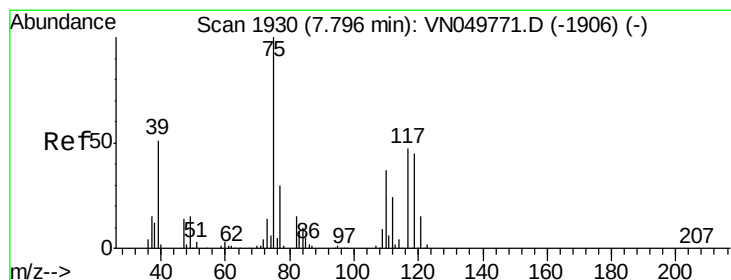
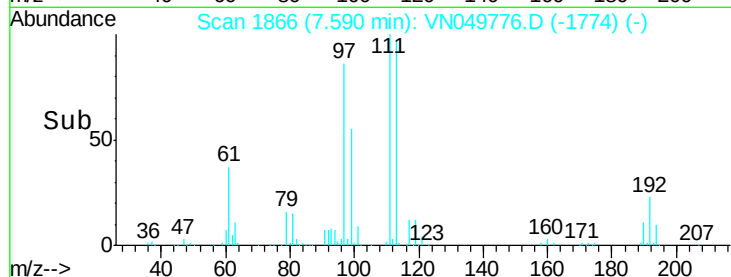
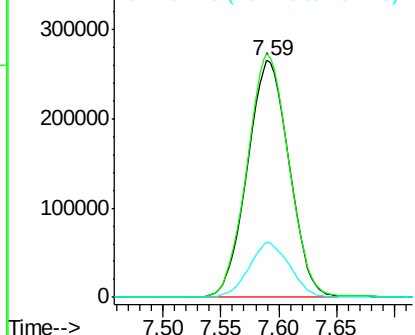
#35
Dibromofluoromethane
Concen: 48.585 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 667316
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 22.5 17.8 26.6

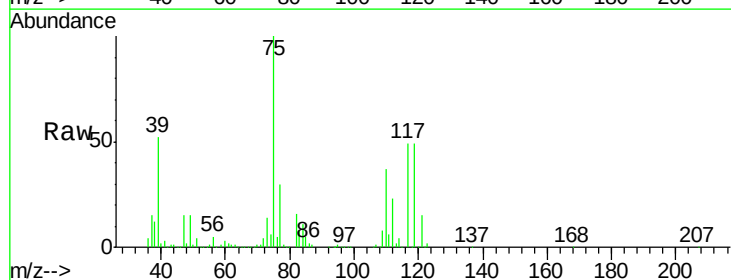


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

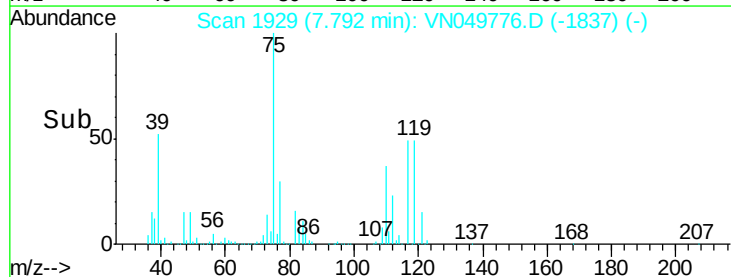
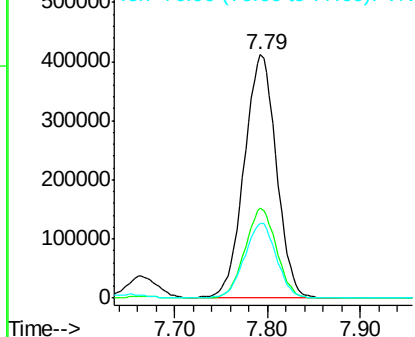


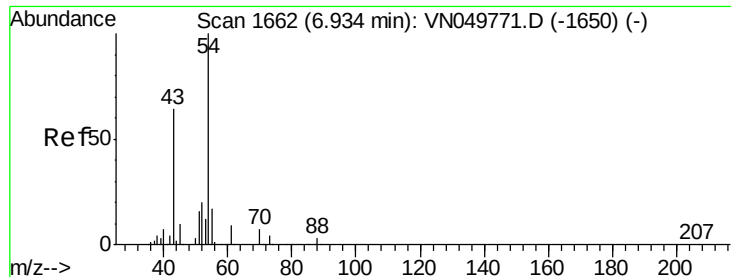
#36
1,1-Dichloropropene
Concen: 47.020 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 75 Resp: 987333
Ion Ratio Lower Upper
75 100
110 36.1 18.1 54.4
77 30.6 24.9 37.3



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

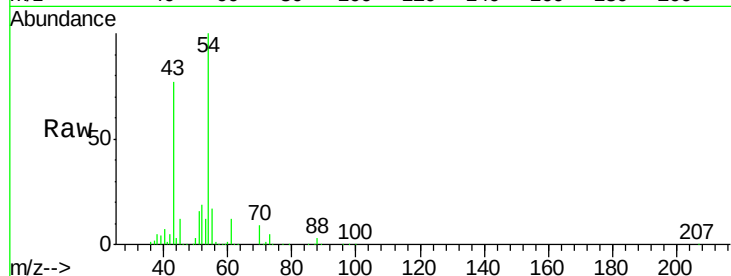




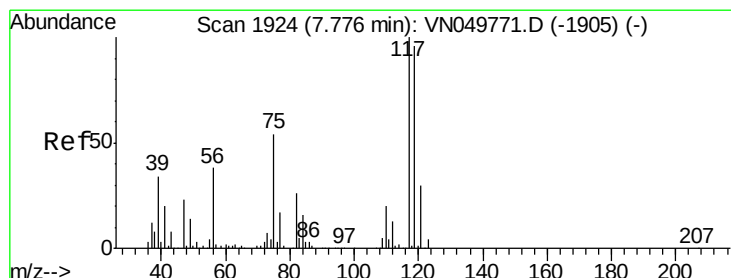
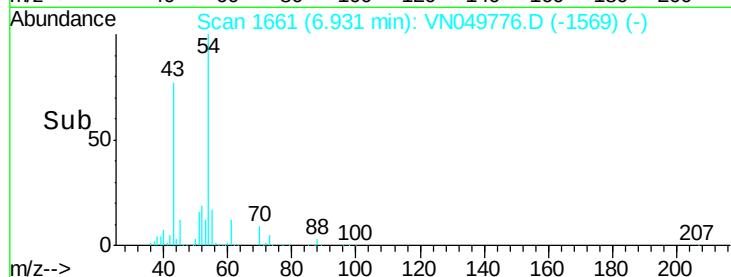
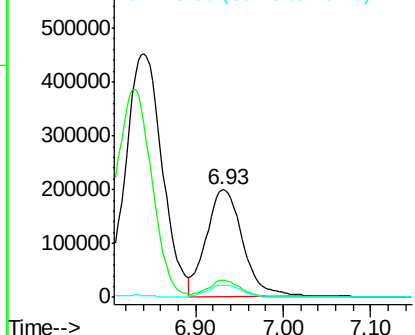
#37
Ethyl Acetate
Concen: 46.543 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 578490
Ion Ratio Lower Upper
43 100
61 13.9 11.7 17.5
70 10.7 8.4 12.6

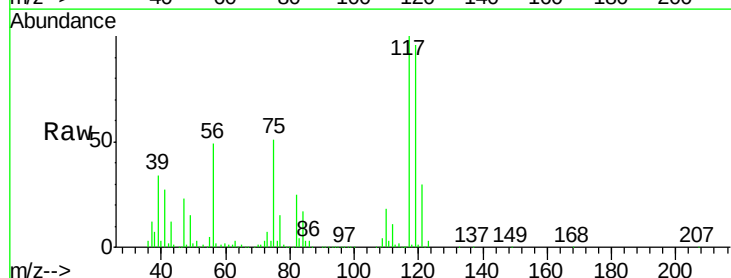


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

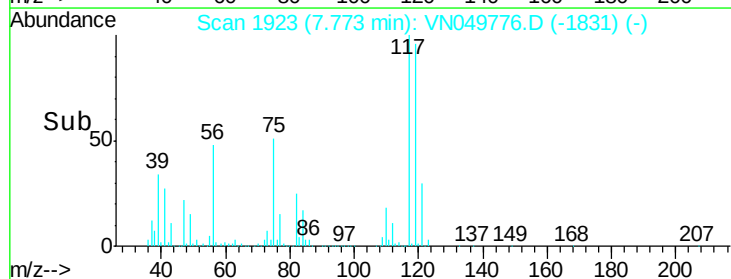
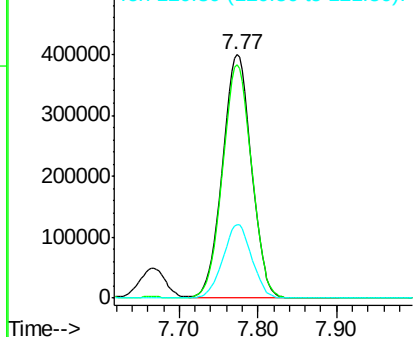


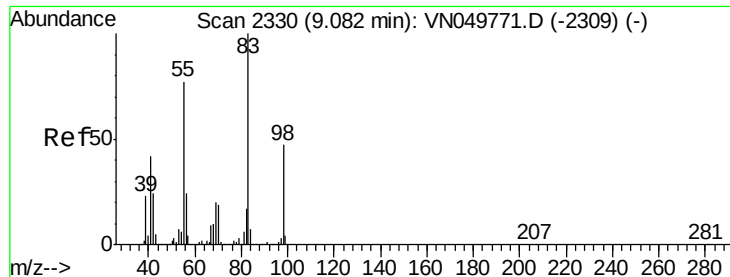
#38
Carbon Tetrachloride
Concen: 46.232 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 117 Resp: 1014836
Ion Ratio Lower Upper
117 100
119 95.9 77.2 115.8
121 30.3 25.0 37.6



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

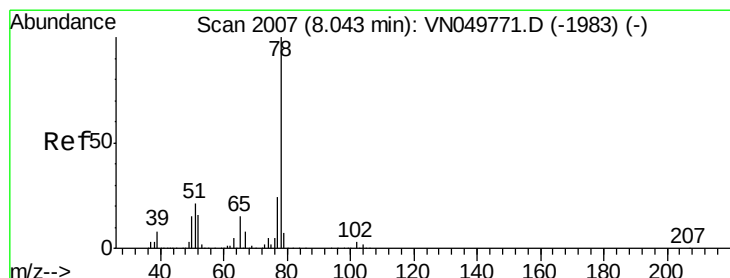
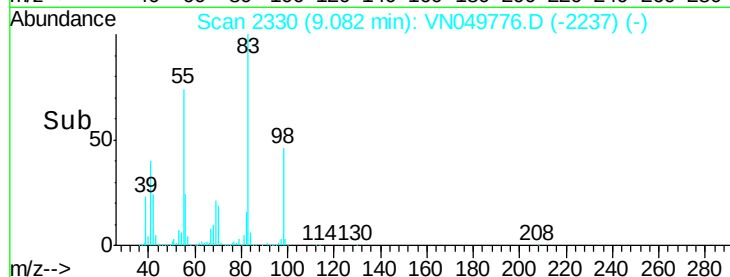
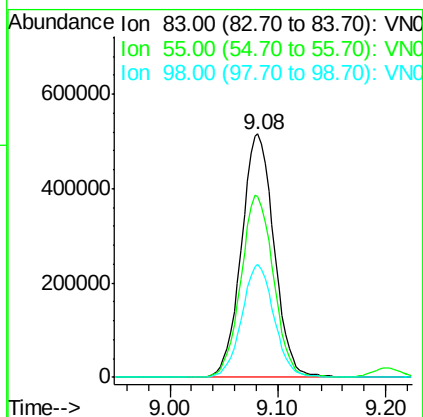
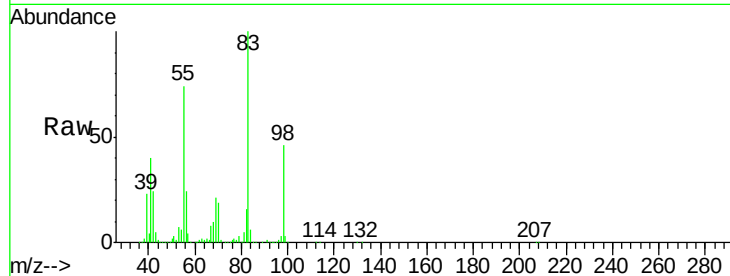




#39
Methylvlcyclohexane
Concen: 49.081 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

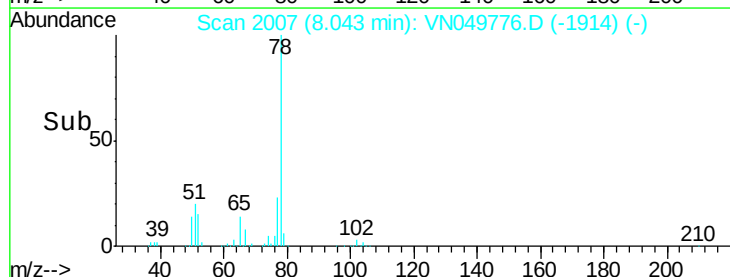
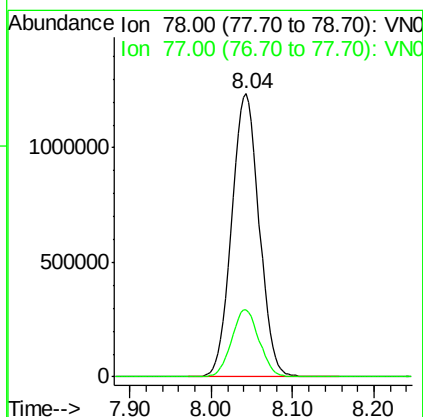
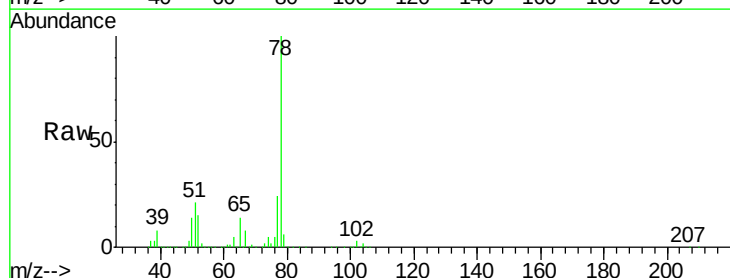
Instrument :
MSVOA_N
ClientSampleId :

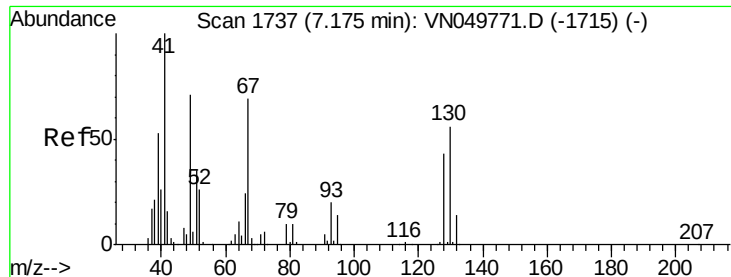
Tot Ion: 83 Resp: 1086331
Ion Ratio Lower Upper
83 100
55 74.3 59.7 89.5
98 46.3 36.5 54.7



#40
Benzene
Concen: 46.332 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 78 Resp: 2910375
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

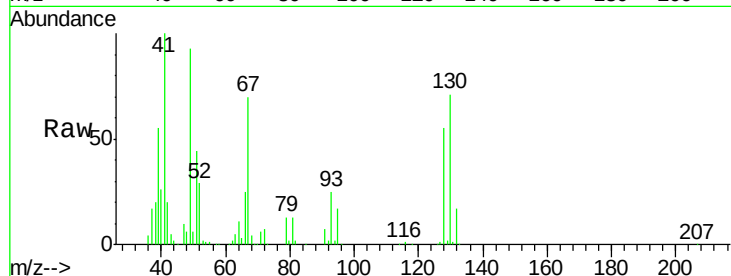




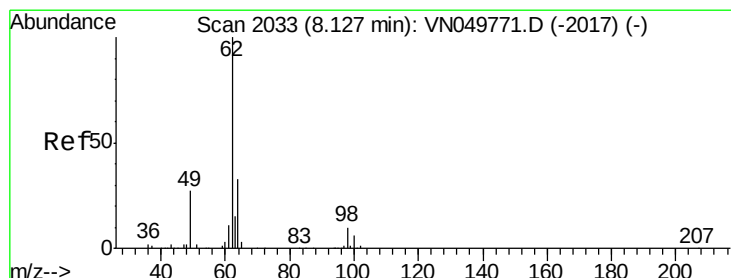
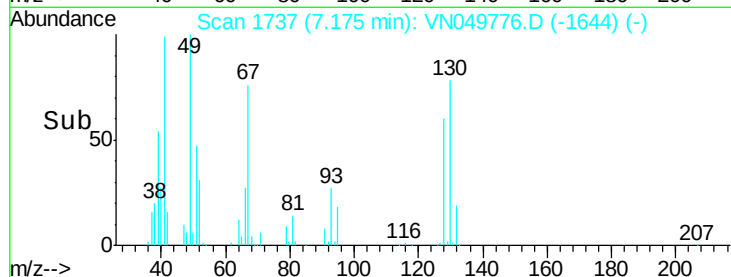
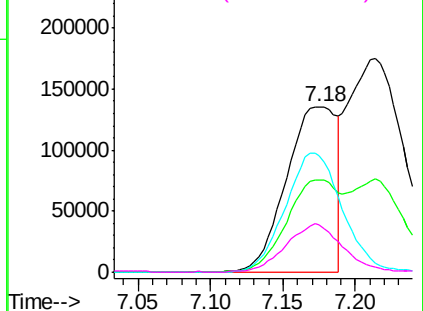
#41
Methacrylonitrile
Concen: 46.119 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 324246
Ion Ratio Lower Upper
41 100
39 58.2 45.4 68.2
67 83.1 65.4 98.0
52 32.7 24.7 37.1

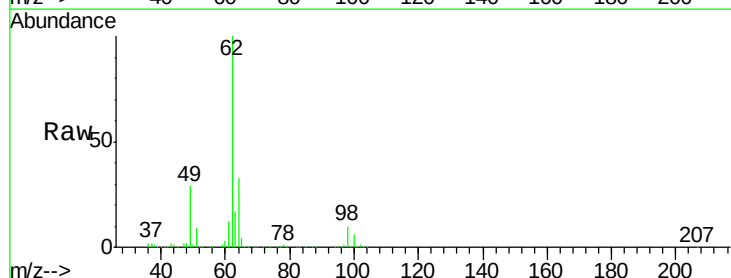


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

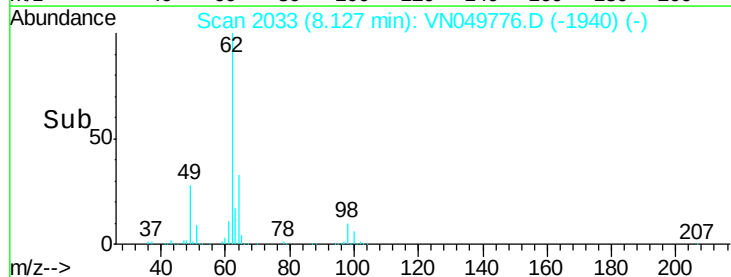
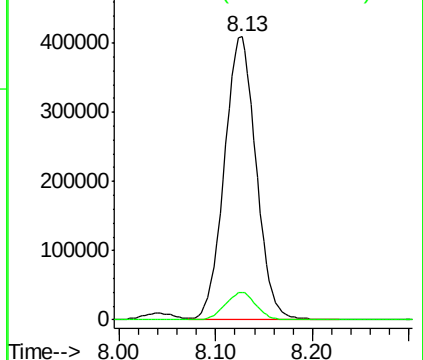


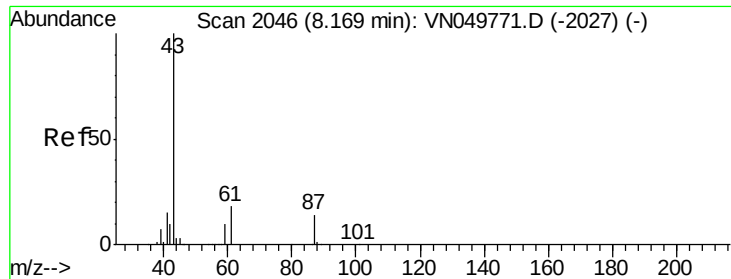
#42
1,2-Dichloroethane
Concen: 45.310 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 62 Resp: 931004
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 46.931 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. -0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

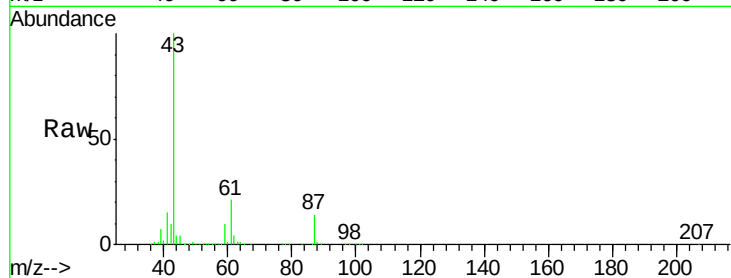
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 1048477

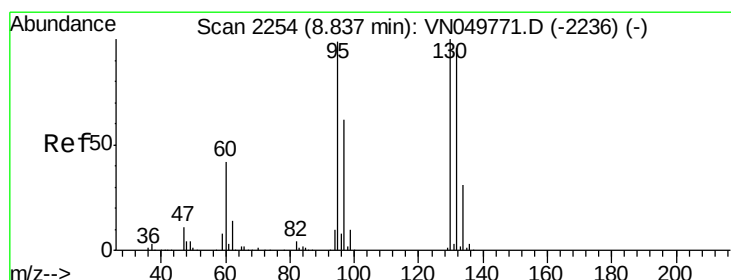
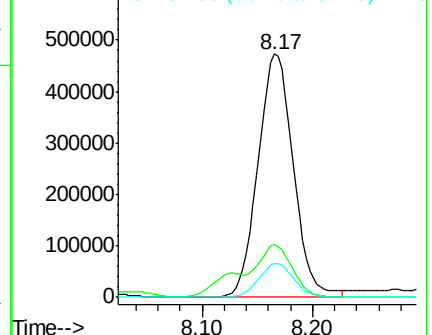
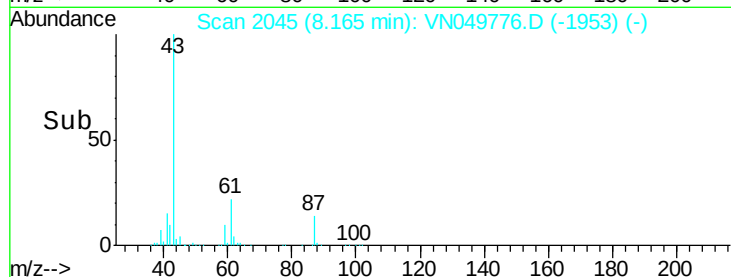
Ion	Ratio	Lower	Upper
43	100		
61	21.1	14.9	22.3
87	13.8	10.0	15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049776.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN049776.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN049776.D (-1953) (-)



#44

Trichloroethene

Concen: 46.005 ug/l

RT: 8.84 min Scan# 2254

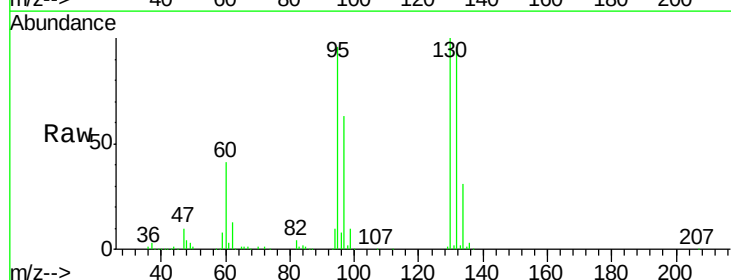
Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

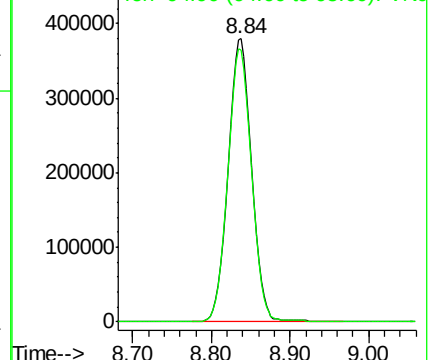
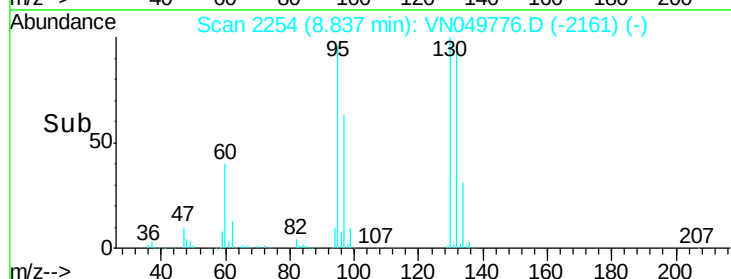
Tgt Ion: 130 Resp: 778128

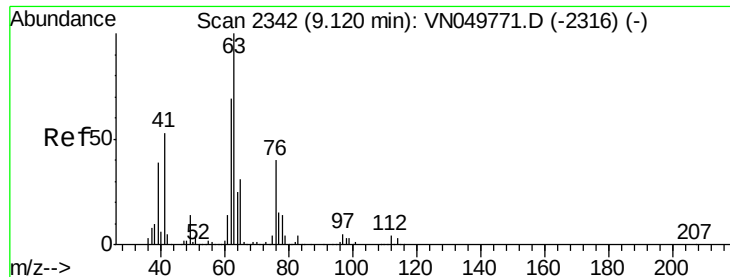
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049776.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049776.D (-2161) (-)

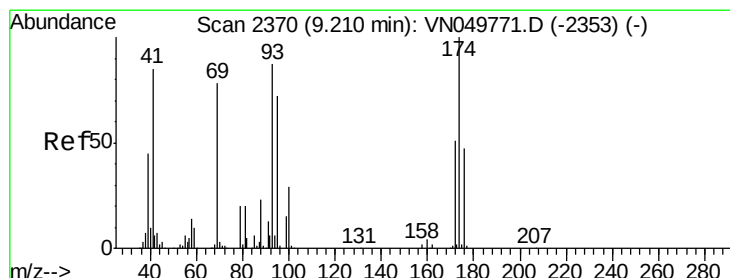
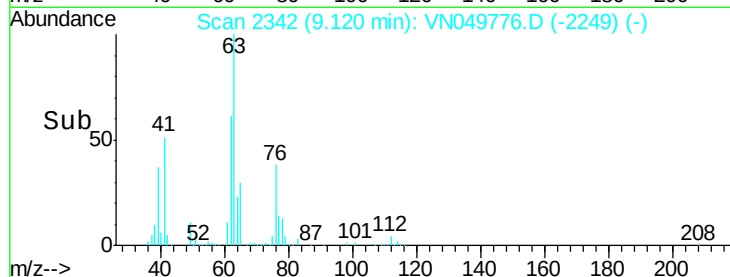
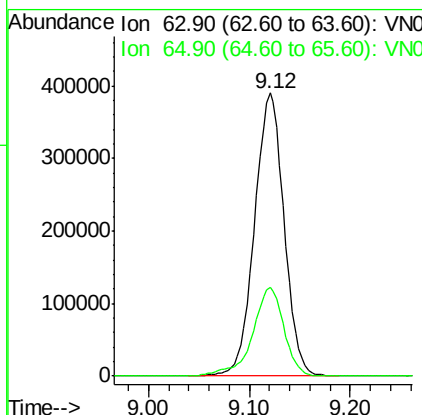
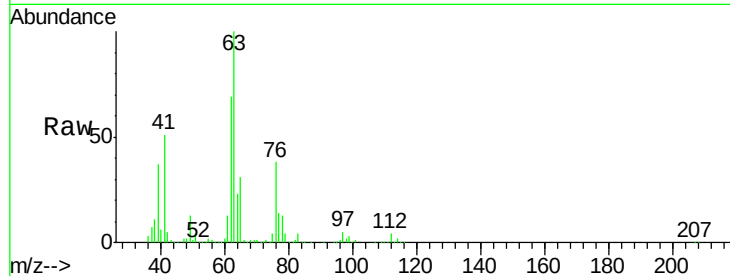




#45
 1,2-Dichloropropane
 Concen: 46.833 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

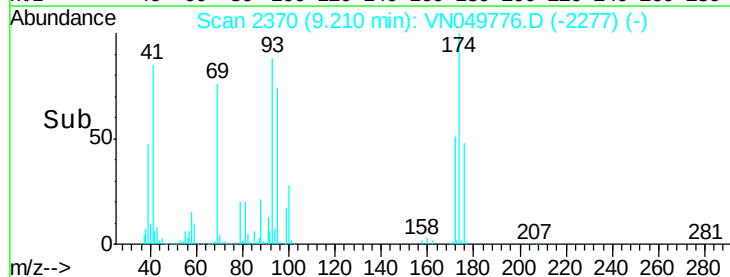
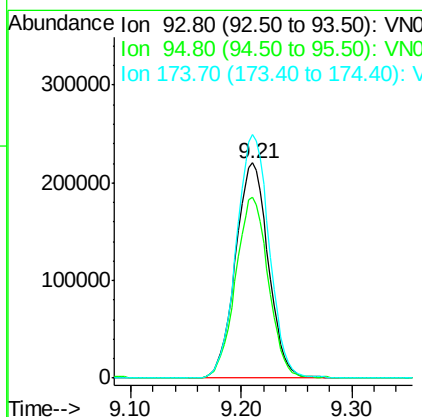
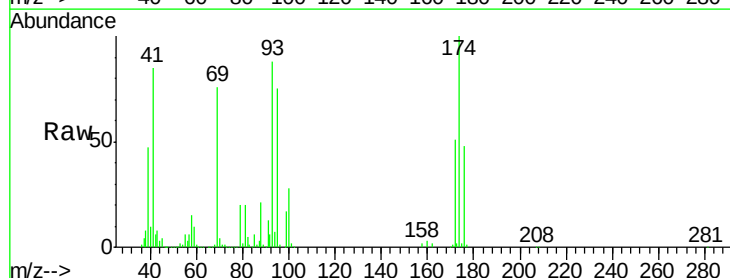
Instrument :
 MSVOA_N
 ClientSampled :

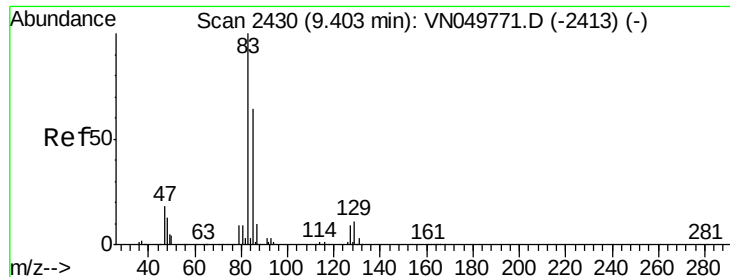
Tot Ion: 63 Resp: 790620
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.7 37.1



#46
 Dibromomethane
 Concen: 45.326 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

Tgt Ion: 93 Resp: 454446
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.9 101.9
 174 113.0 89.4 134.0





#47

Bromodichloromethane

Concen: 46.194 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampleId :

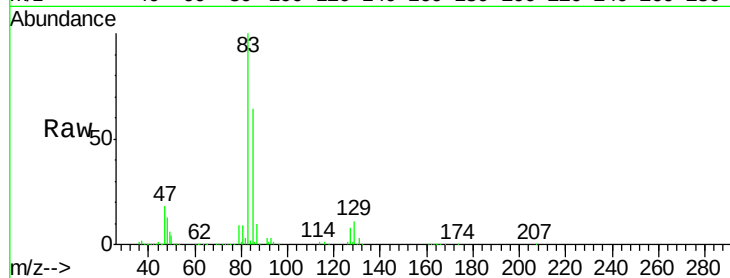
Tot Ion: 83 Resp: 1019903

Ion Ratio Lower Upper

83 100

85 63.8 50.5 75.7

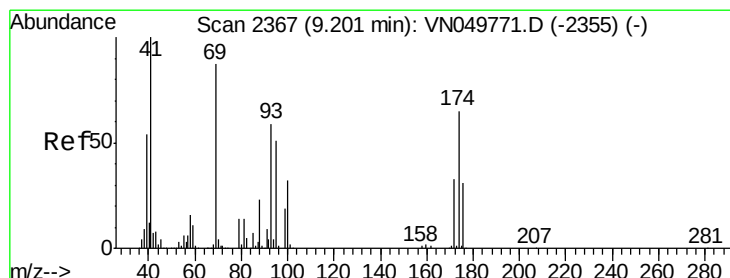
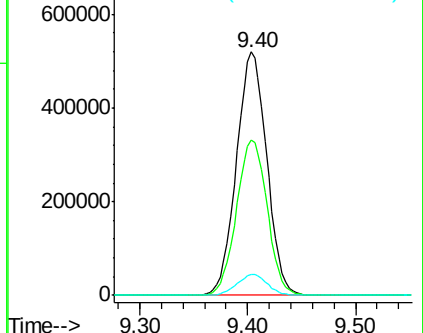
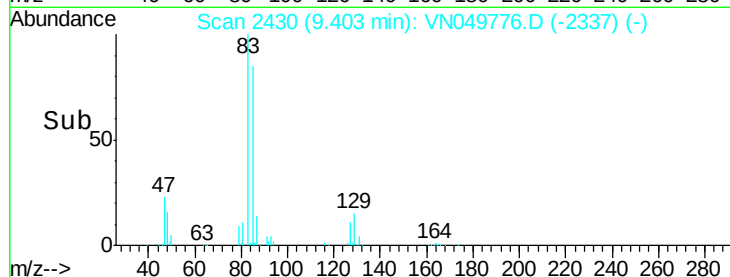
127 8.5 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049776.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049776.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049776.D (-2337) (-)



#48

Methyl methacrylate

Concen: 47.353 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

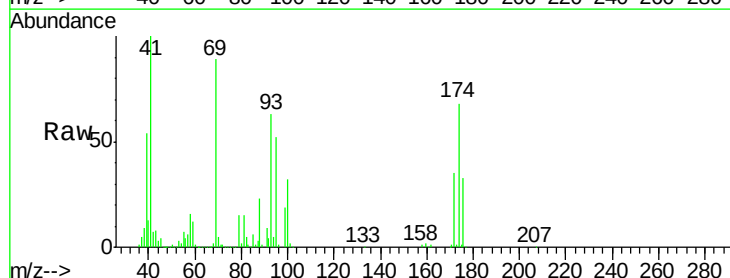
Tgt Ion: 41 Resp: 528925

Ion Ratio Lower Upper

41 100

69 88.3 71.5 107.3

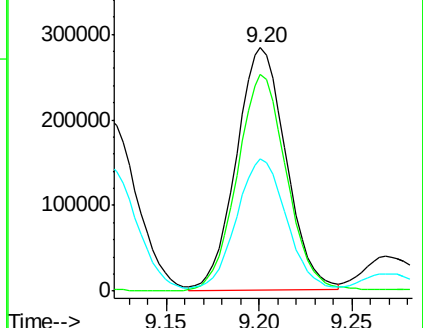
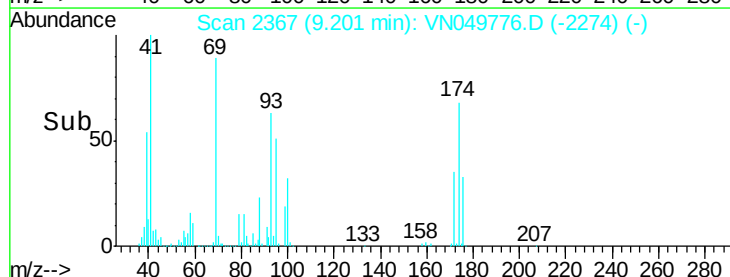
39 54.8 44.7 67.1

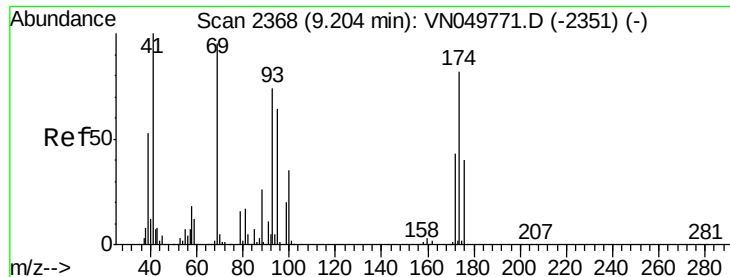


Abundance Ion 41.00 (40.70 to 41.70): VN049776.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049776.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049776.D (-2274) (-)





#49

1,4-Dioxane

Concen: 923.082 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

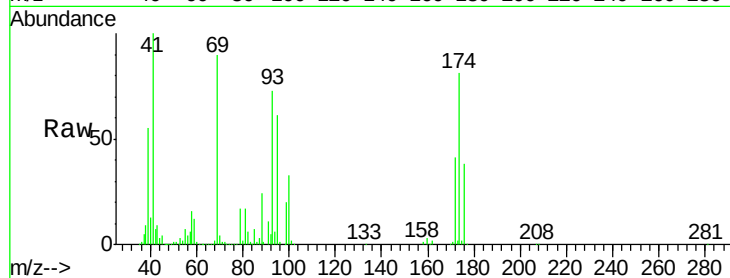
Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 135101

Ion	Ratio	Lower	Upper
88	100		
43	32.9	25.1	37.7
58	69.6	52.5	78.7



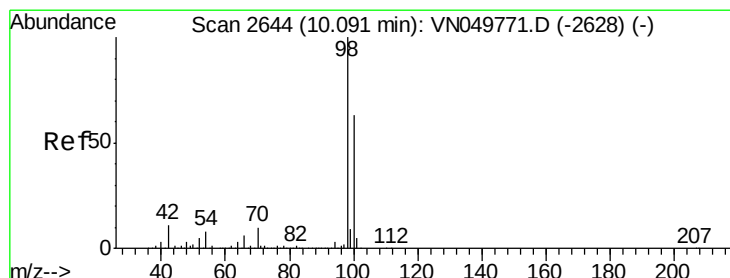
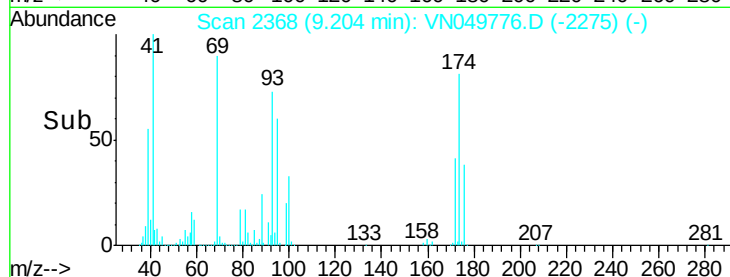
Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

Time-->



#50

Toluene-d8

Concen: 48.437 ug/l

RT: 10.09 min Scan# 2644

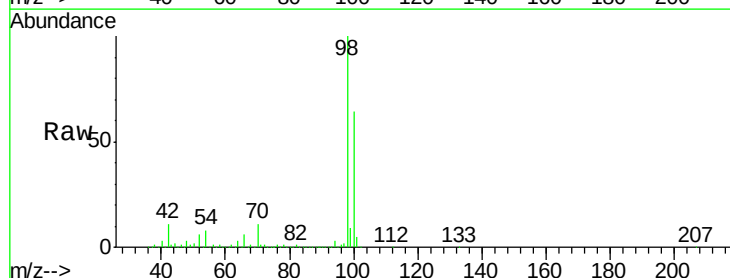
Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Tgt Ion: 98 Resp: 2277294

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5

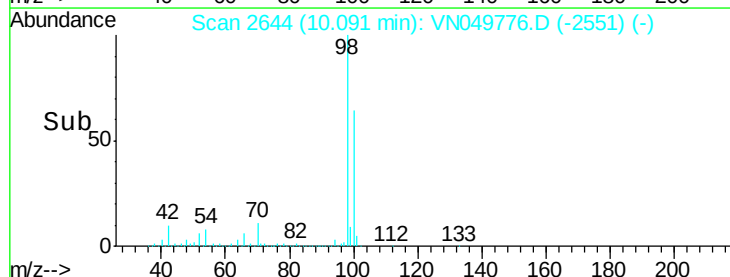


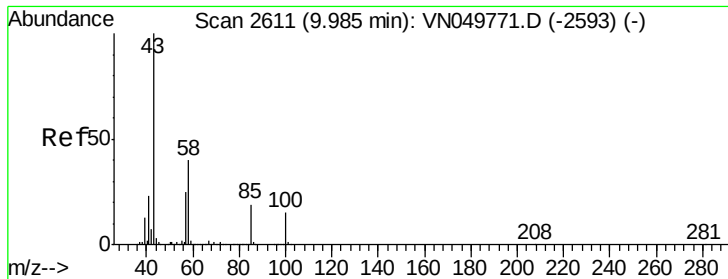
Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

Time-->

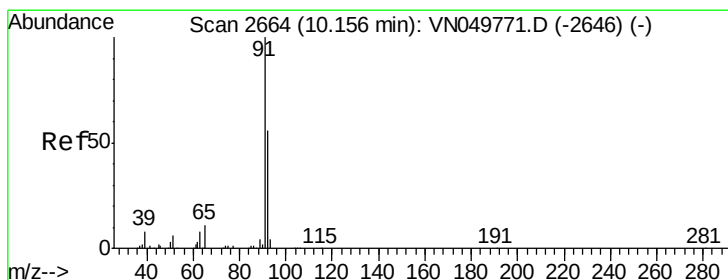
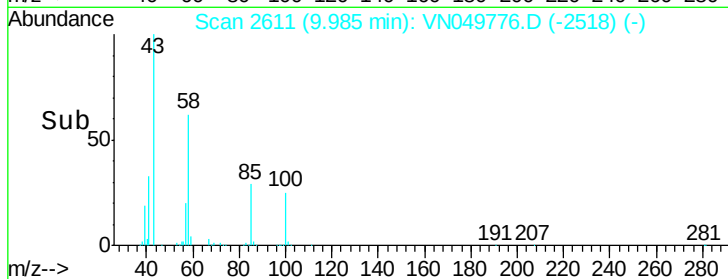
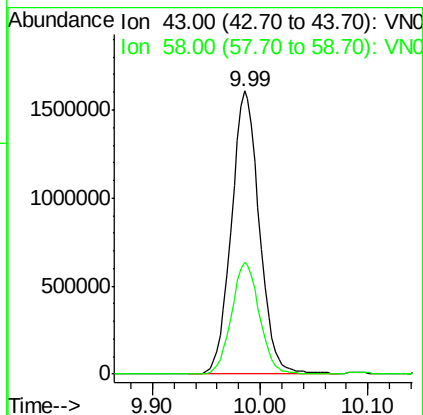
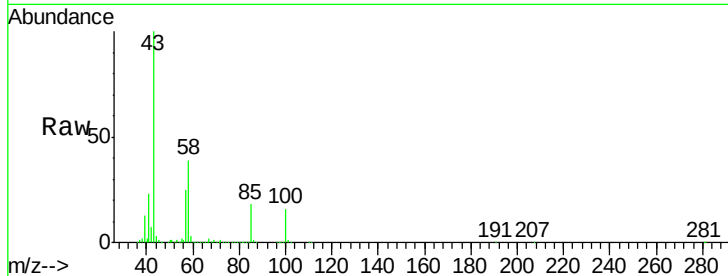




#51
4-Methyl-2-Pentanone
Concen: 239.057 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

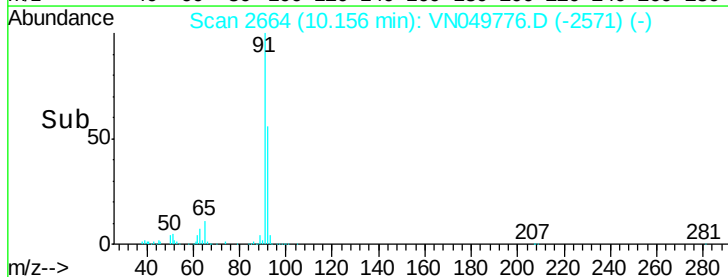
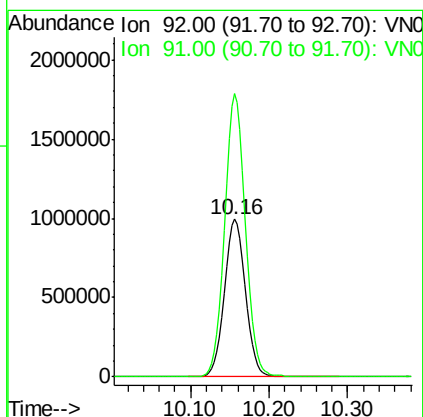
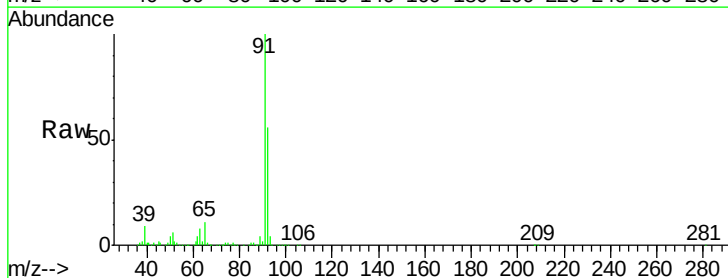
Instrument :
MSVOA_N
ClientSampled :

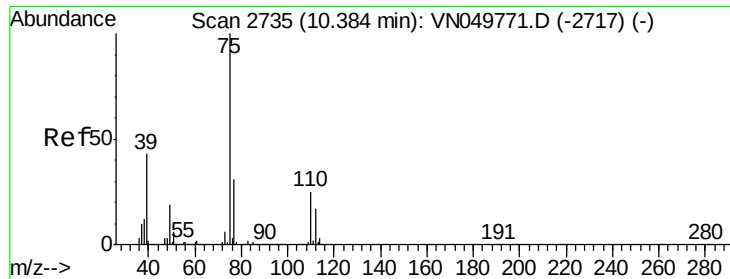
Tot Ion: 43 Resp: 2899763
Ion Ratio Lower Upper
43 100
58 39.5 31.8 47.8



#52
Toluene
Concen: 48.504 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 92 Resp: 1823482
Ion Ratio Lower Upper
92 100
91 176.8 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 48.819 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

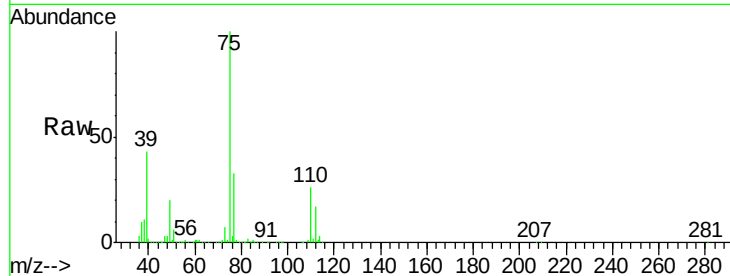
ClientSampleId :

Tot Ion: 75 Resp: 1036775

Ion Ratio Lower Upper

75 100

77 33.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

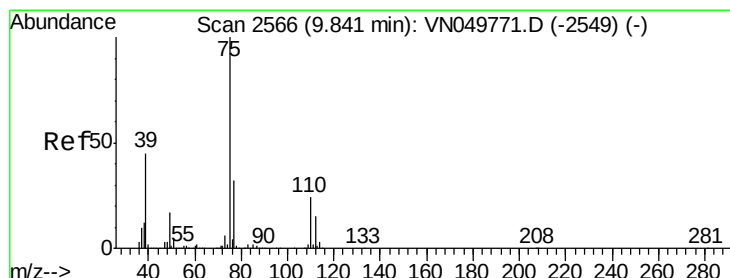
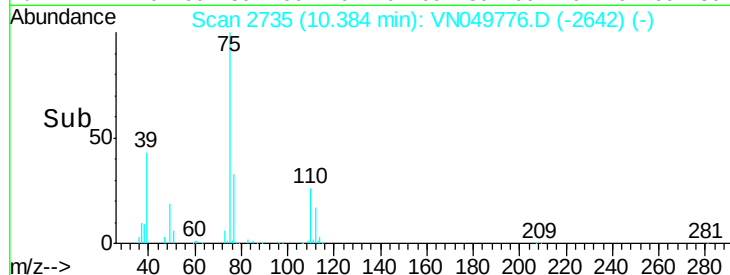
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.267 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

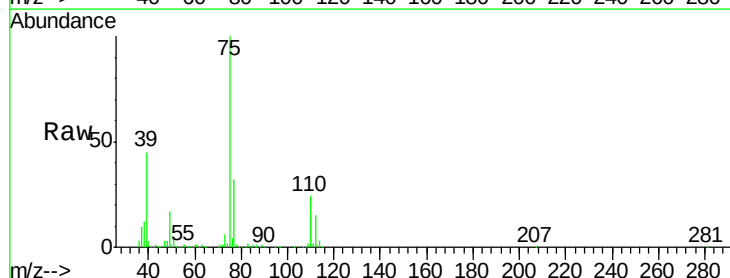
Tgt Ion: 75 Resp: 1191724

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

39 44.8 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

9.84

800000

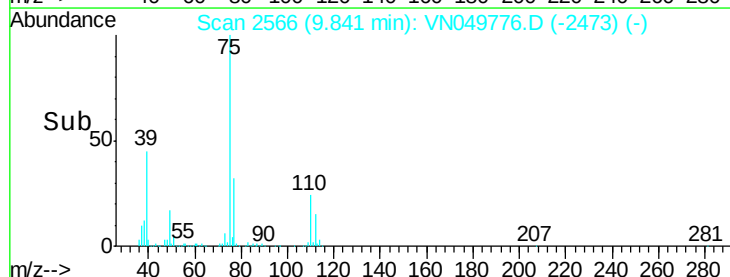
600000

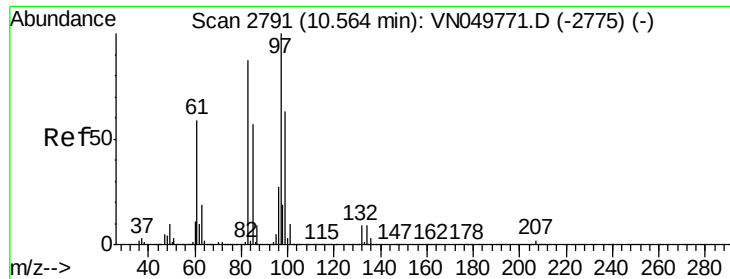
400000

200000

0

Time-->



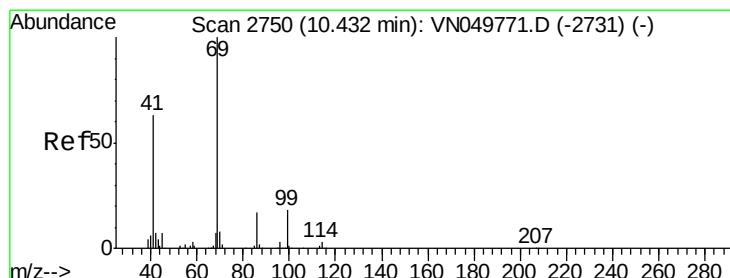
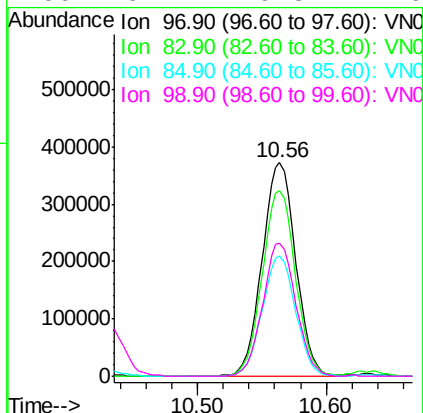
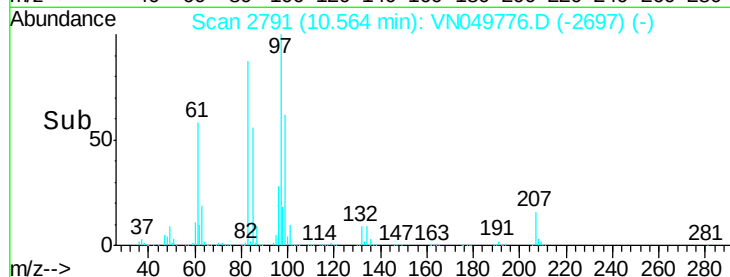
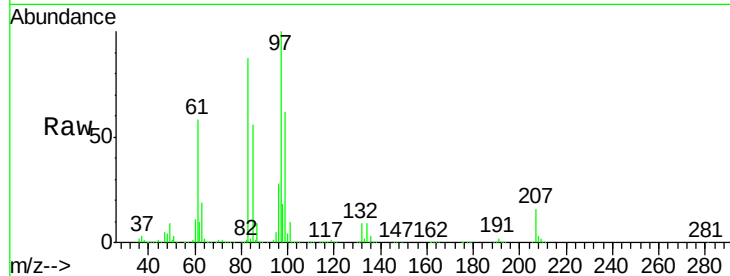


#55
 1,1,2-Trichloroethane
 Concen: 47.412 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 674883

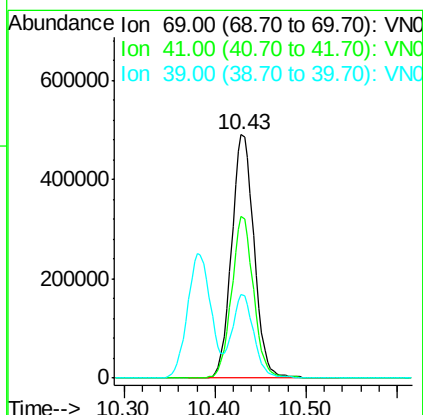
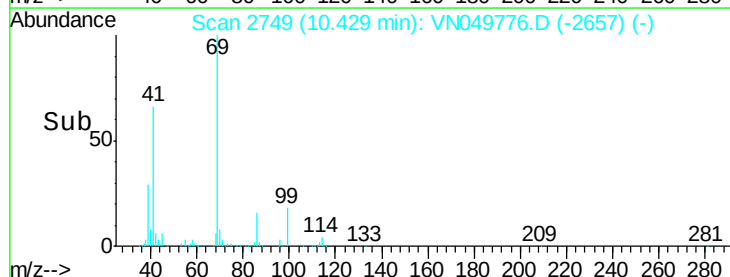
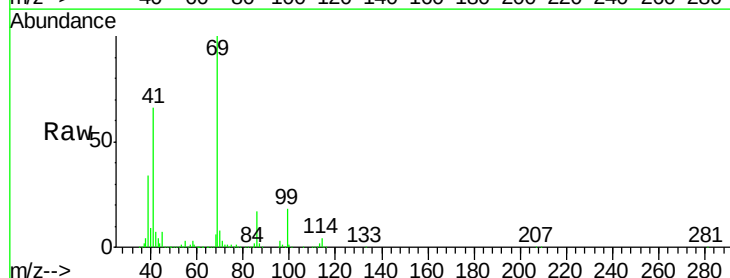
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.0	103.6
85	56.2	44.9	67.3
99	62.1	49.8	74.6

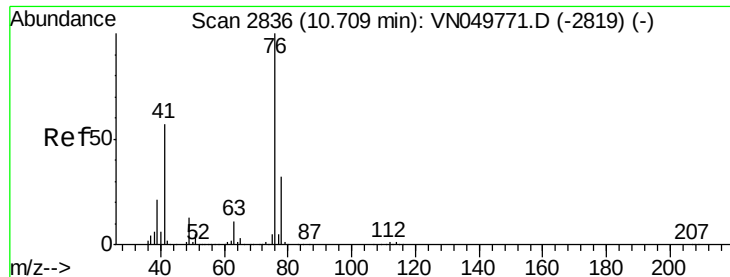


#56
 Ethyl methacrylate
 Concen: 49.725 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

Tgt Ion: 69 Resp: 843815

Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.6	77.4
39	32.3	25.8	38.8





#57

1,3-Dichloropropane

Concen: 46.495 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

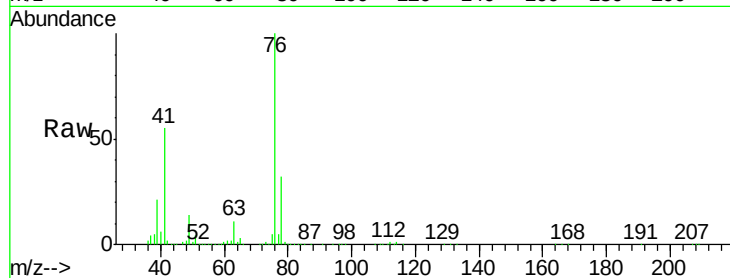
ClientSampled :

Tot Ion: 76 Resp: 1113586

Ion Ratio Lower Upper

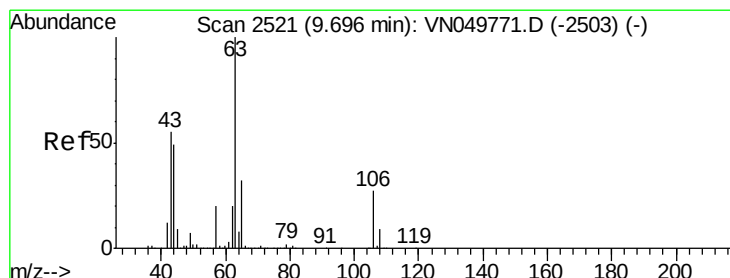
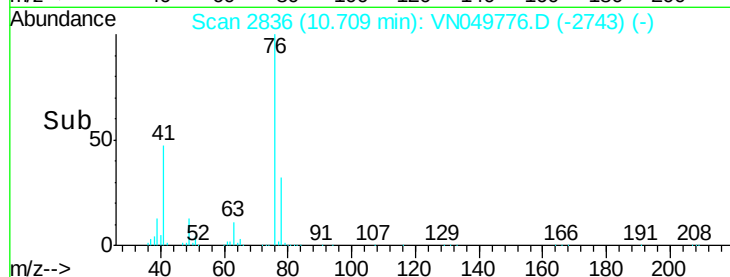
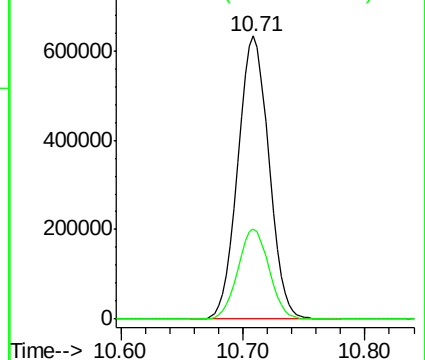
76 100

78 32.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 306.291 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049776.D

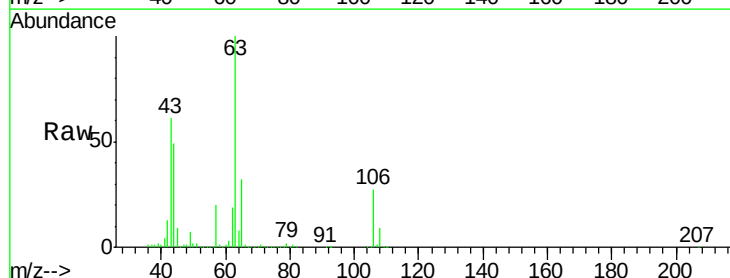
Acq: 12 Jul 2018 17:31

Tgt Ion: 63 Resp: 2492764

Ion Ratio Lower Upper

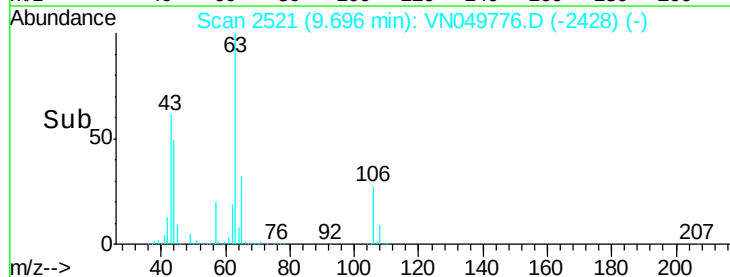
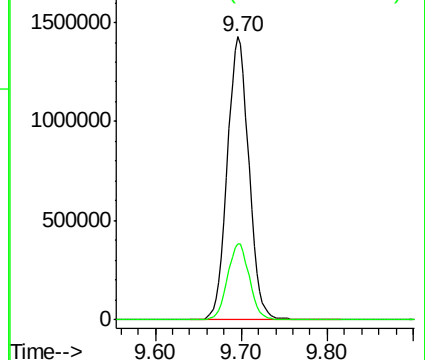
63 100

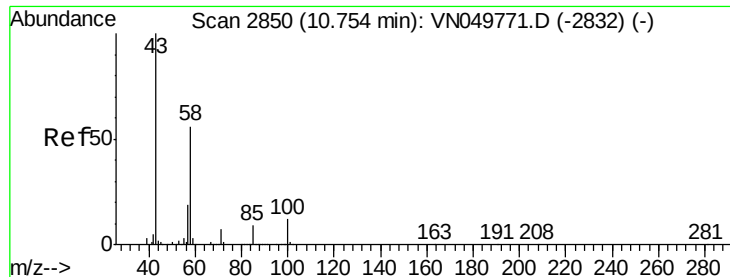
106 27.2 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

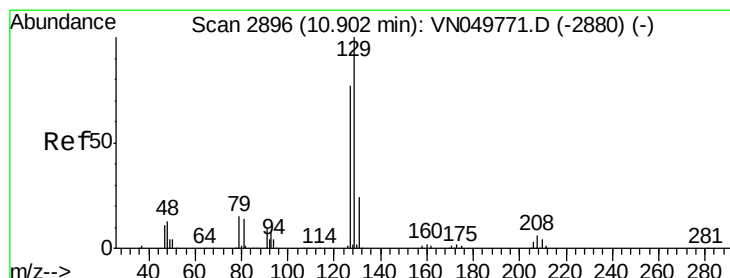
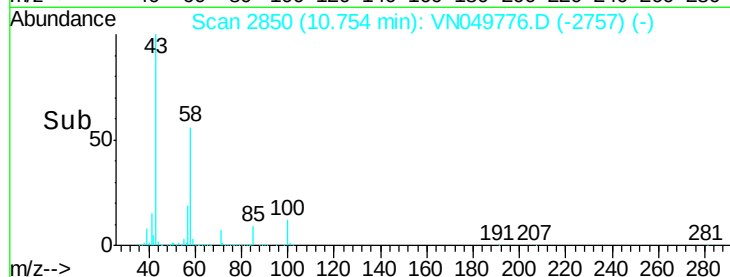
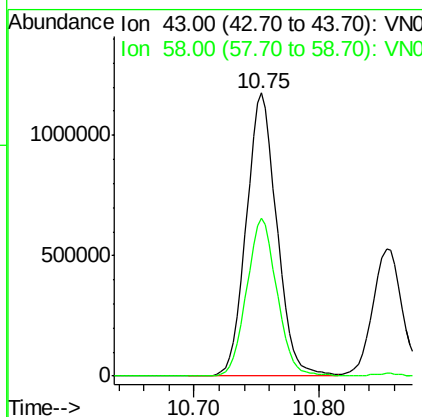
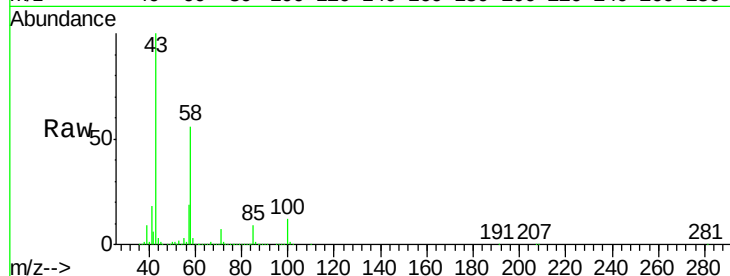




#59
2-Hexanone
Concen: 246.711 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

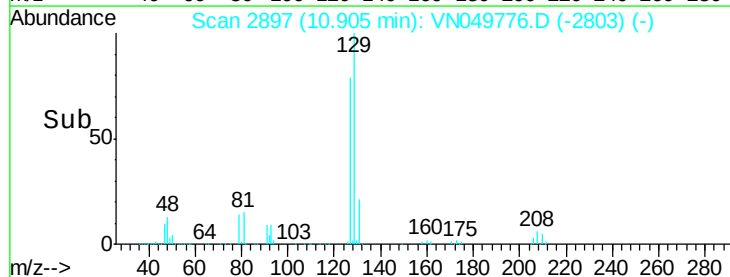
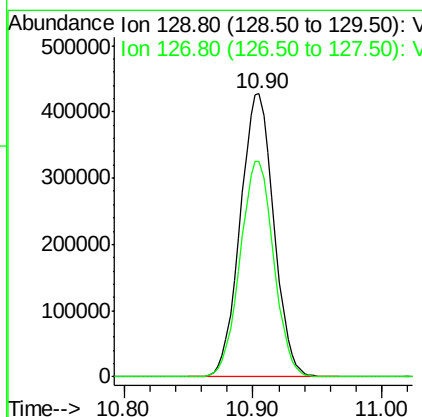
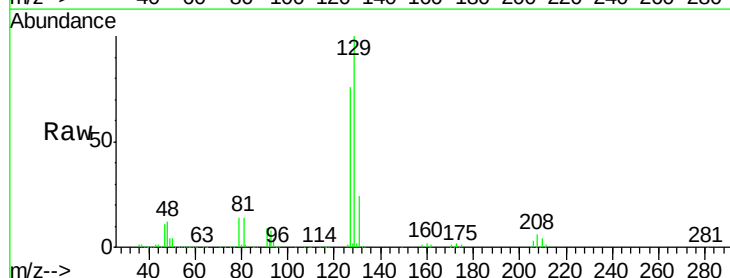
Instrument :
MSVOA_N
ClientSampled :

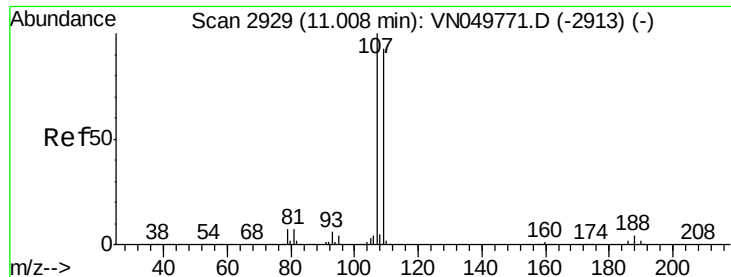
Tot Ion: 43 Resp: 1989462
Ion Ratio Lower Upper
43 100
58 55.8 27.8 83.4



#60
Dibromochloromethane
Concen: 46.995 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 129 Resp: 773956
Ion Ratio Lower Upper
129 100
127 76.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 46.950 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

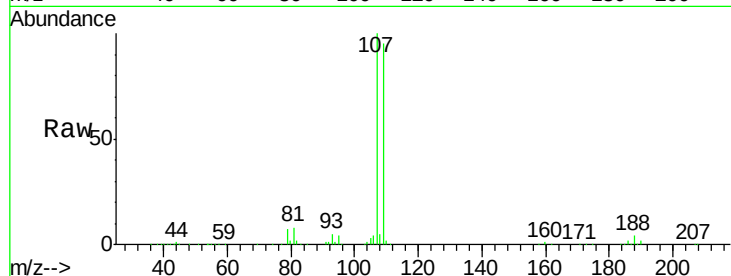
ClientSampleId :

Tot Ion:107 Resp: 642338

Ion Ratio Lower Upper

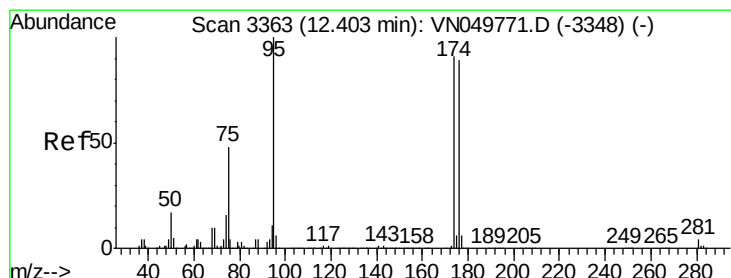
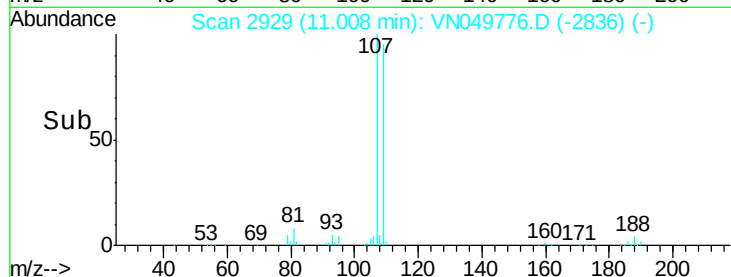
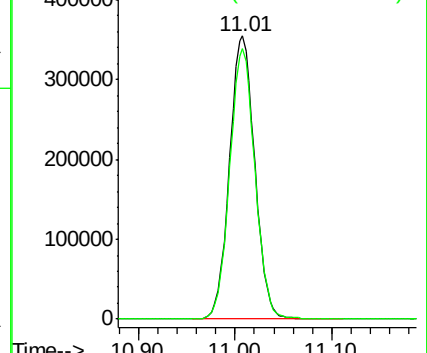
107 100

109 95.6 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: 49.801 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

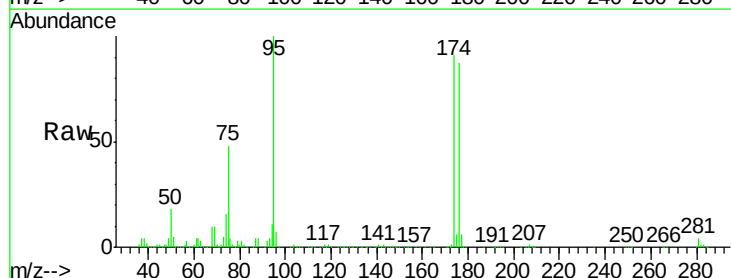
Tgt Ion: 95 Resp: 836273

Ion Ratio Lower Upper

95 100

174 90.5 0.0 179.6

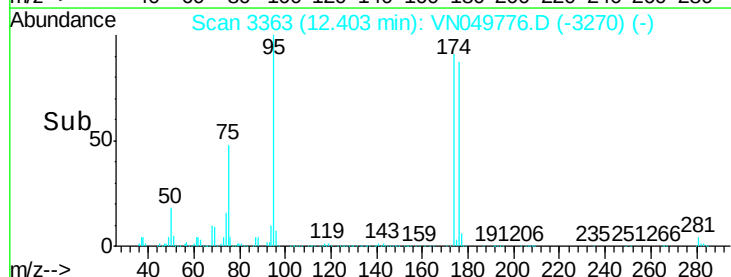
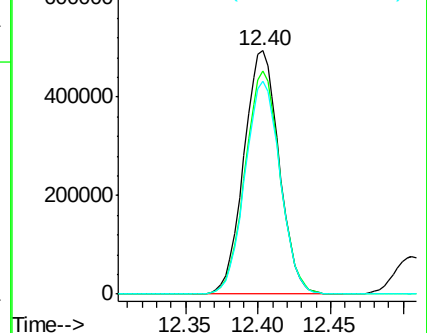
176 87.3 0.0 174.0

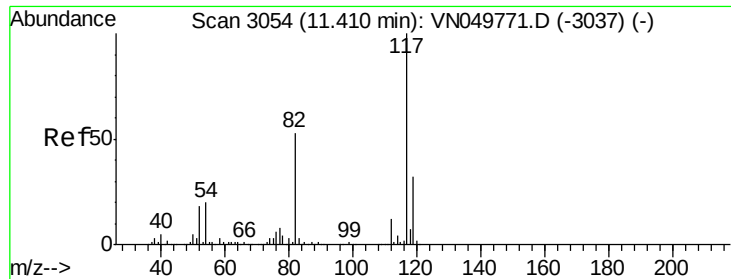


Abundance Ion 94.90 (94.60 to 95.60): V

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: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampleId :

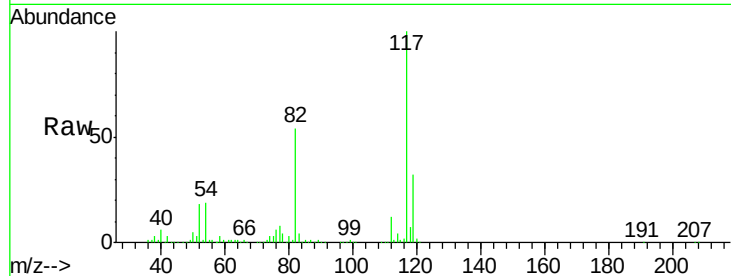
Tot Ion:117 Resp: 1663701

Ion Ratio Lower Upper

117 100

82 53.6 41.9 62.9

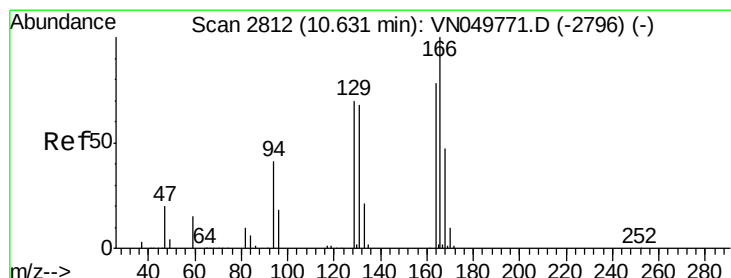
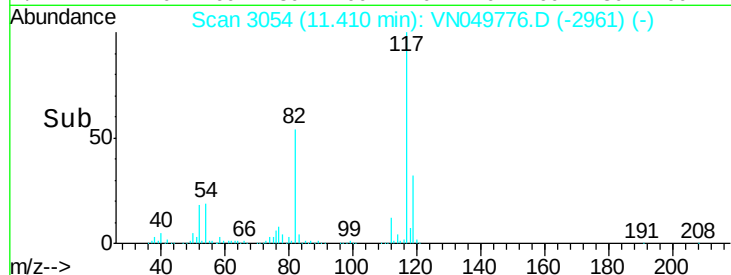
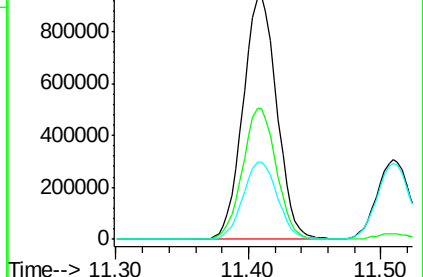
119 31.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 46.319 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Tgt Ion:164 Resp: 699687

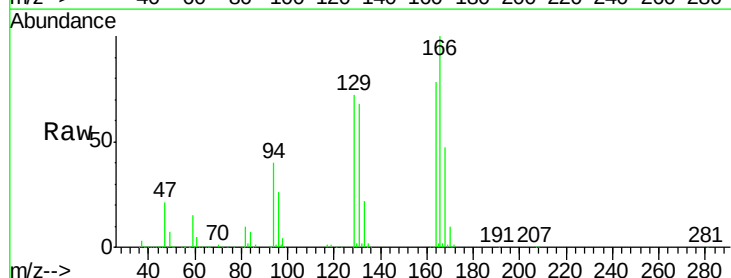
Ion Ratio Lower Upper

164 100

166 127.8 101.8 152.6

129 91.4 72.8 109.2

131 86.7 70.0 105.0

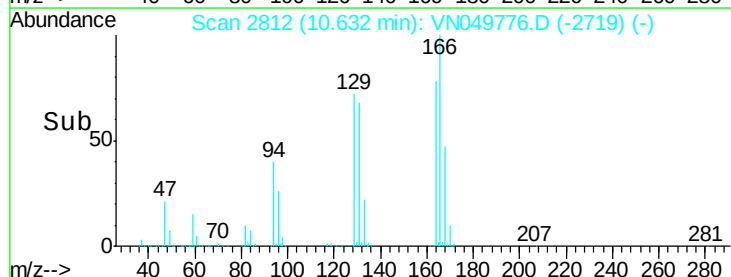
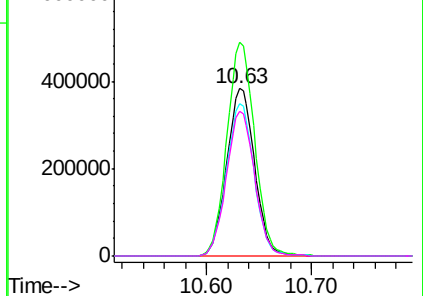


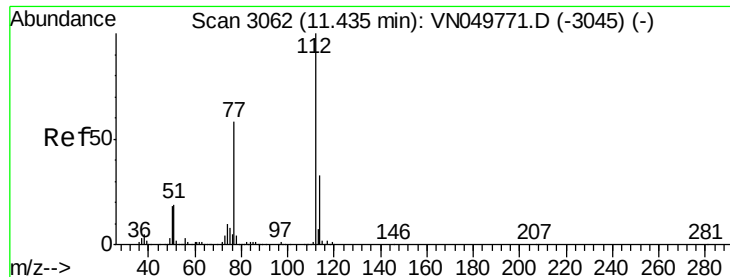
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

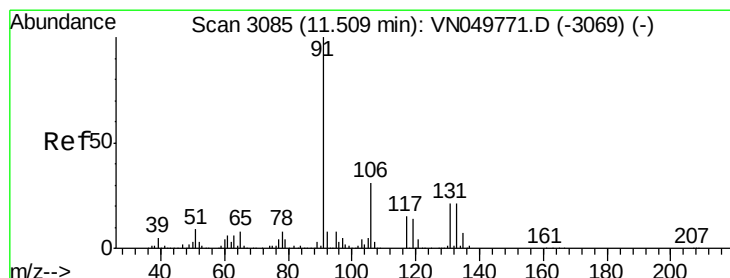
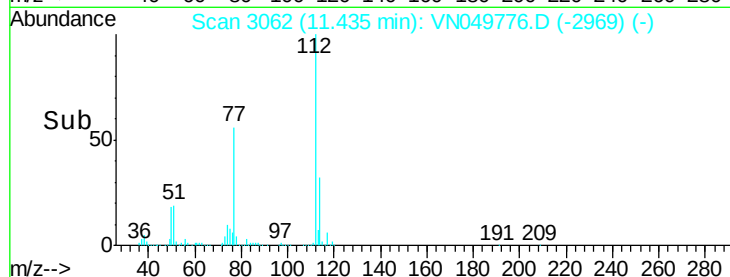
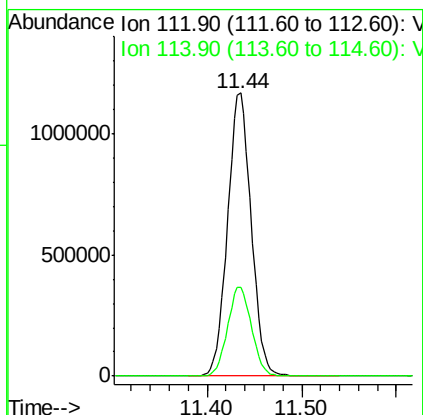
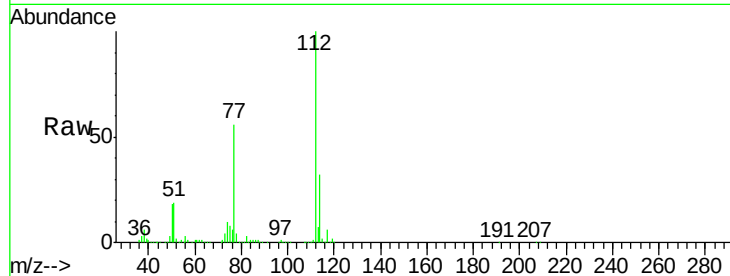




#65
Chlorobenzene
Concen: 46.779 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

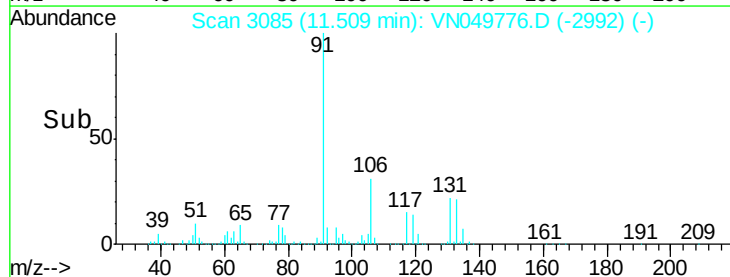
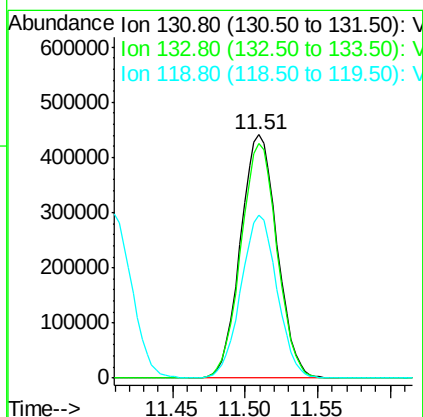
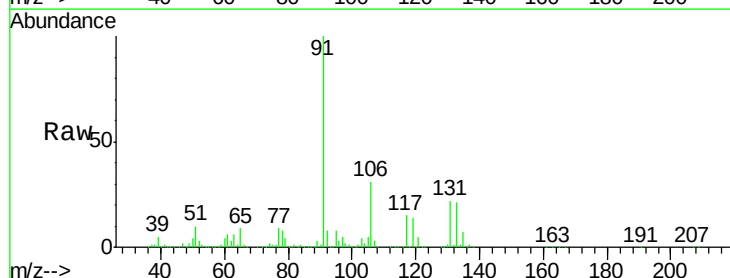
Instrument :
MSVOA_N
ClientSampled :

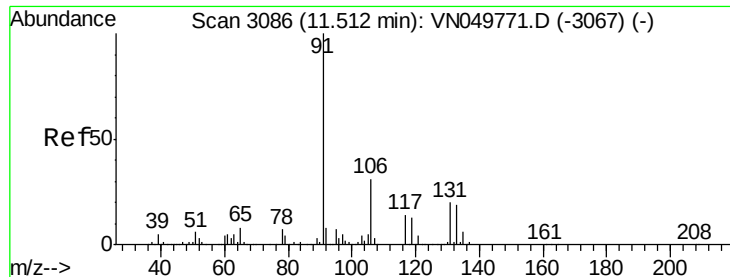
Tot Ion:112 Resp: 2027457
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.642 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion:131 Resp: 776880
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.9 33.1 99.3





#67

Ethyl Benzene

Concen: 49.217 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

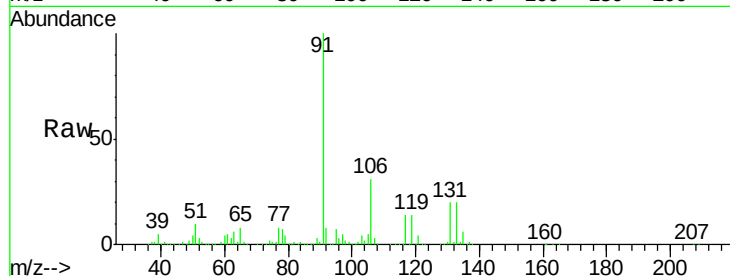
ClientSampleId :

Tot Ion: 91 Resp: 3493096

Ion Ratio Lower Upper

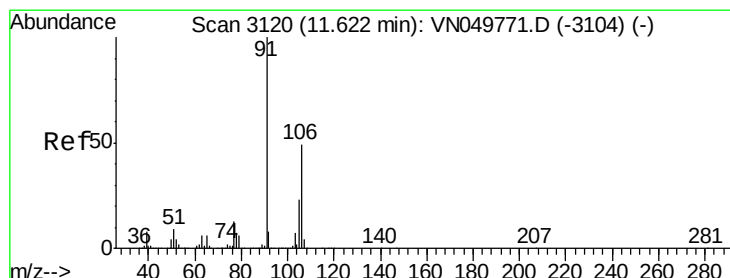
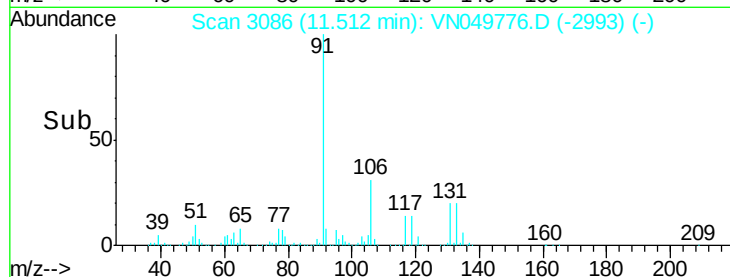
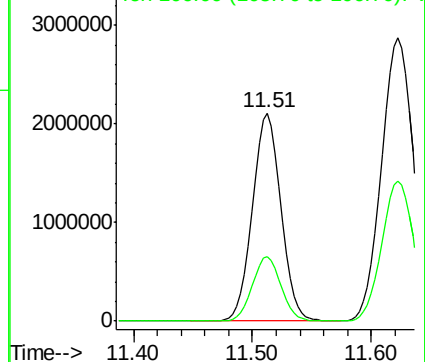
91 100

106 31.2 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.128 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049776.D

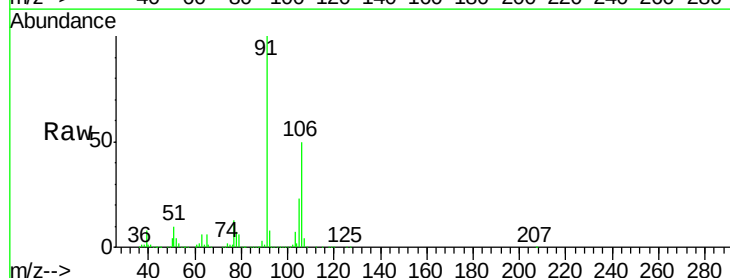
Acq: 12 Jul 2018 17:31

Tgt Ion:106 Resp: 2693935

Ion Ratio Lower Upper

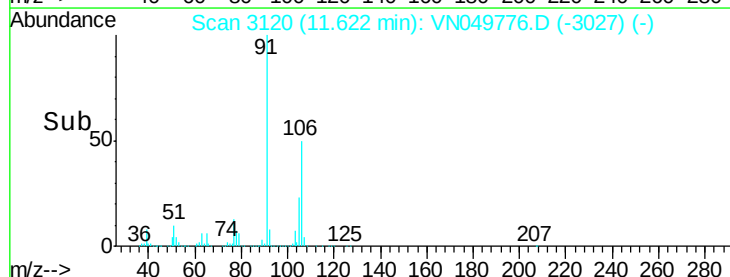
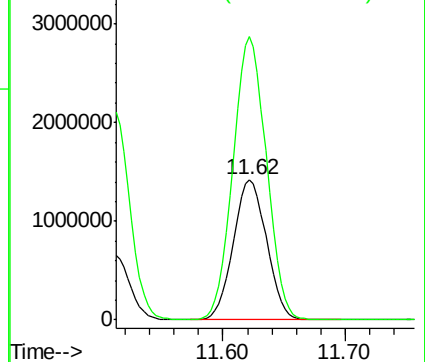
106 100

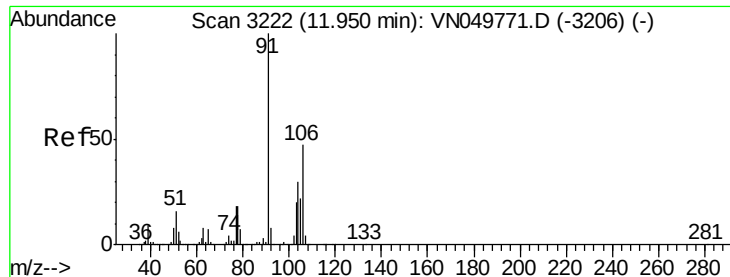
91 202.5 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

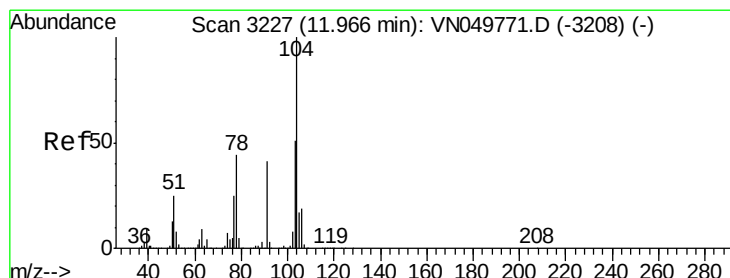
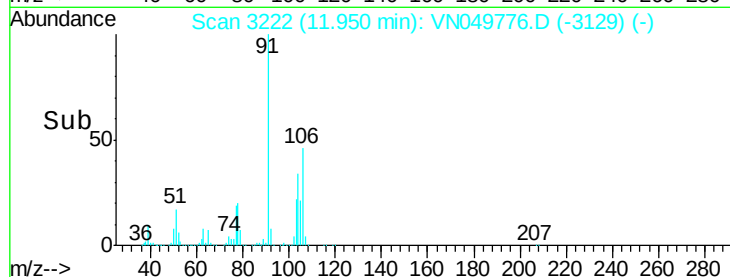
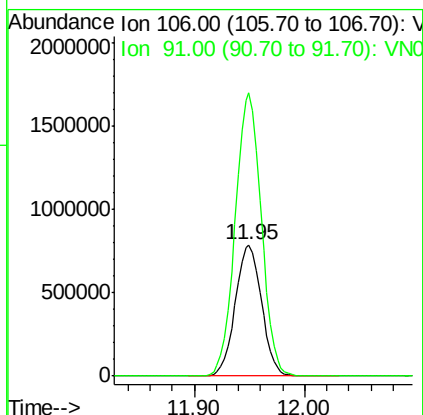
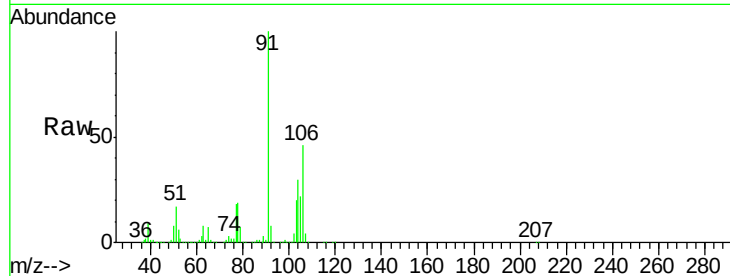




#69
o-Xylene
Concen: 50.428 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

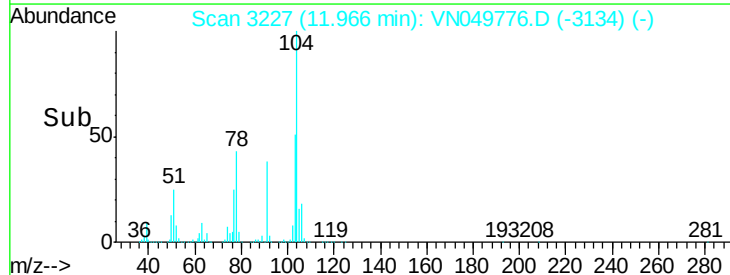
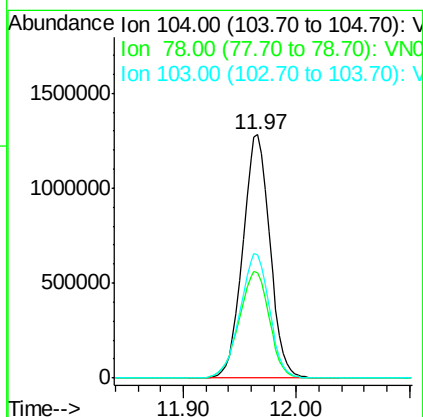
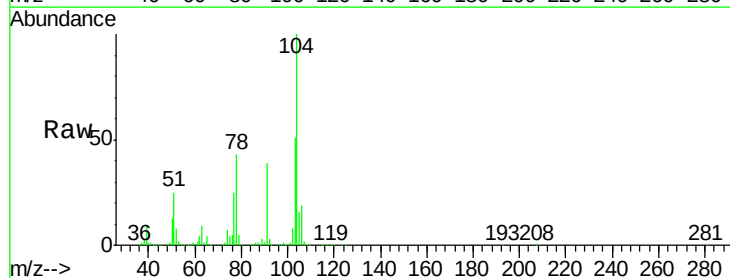
Instrument :
MSVOA_N
ClientSampleId :

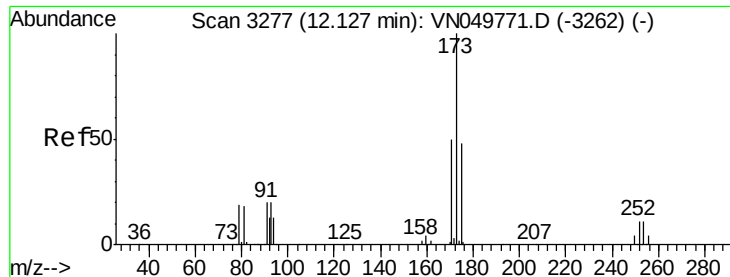
Tot Ion:106 Resp: 1297748
Ion Ratio Lower Upper
106 100
91 213.9 108.7 326.1



#70
Styrene
Concen: 52.333 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion:104 Resp: 2139256
Ion Ratio Lower Upper
104 100
78 48.9 39.2 58.8
103 55.7 44.6 67.0





#71

Bromoform

Concen: 48.075 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampled :

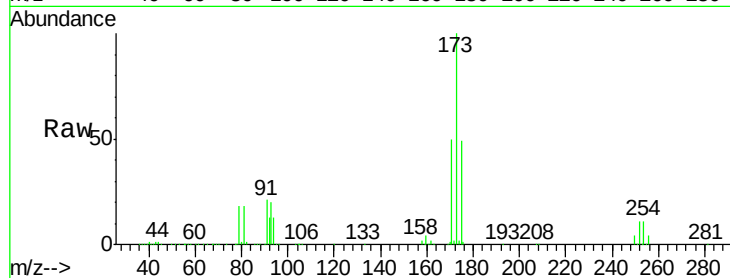
Tot Ion:173 Resp: 529678

Ion Ratio Lower Upper

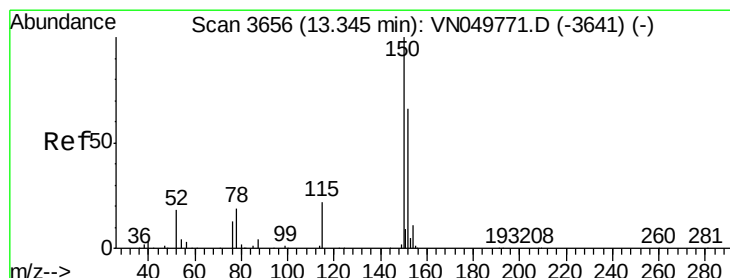
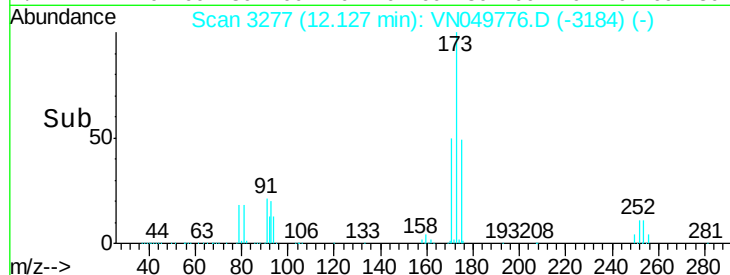
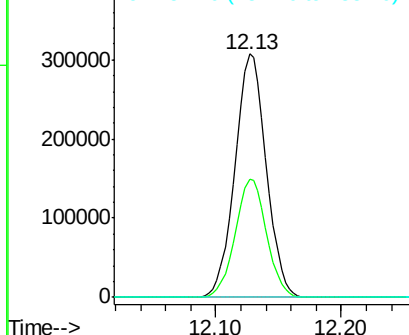
173 100

175 48.9 24.6 73.8

254 0.1 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: VN049776.D

Acq: 12 Jul 2018 17:31

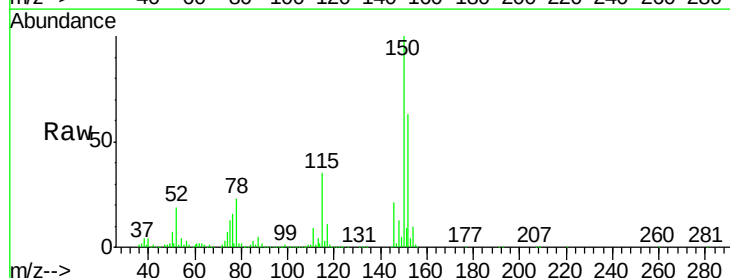
Tgt Ion:152 Resp: 882957

Ion Ratio Lower Upper

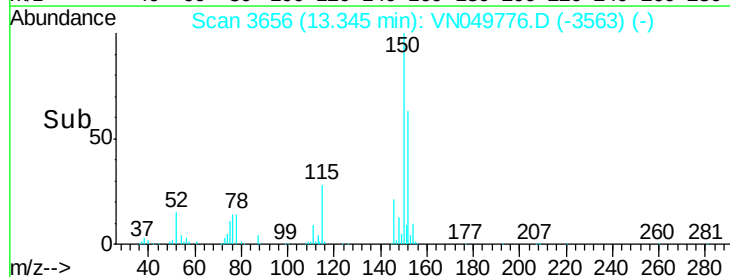
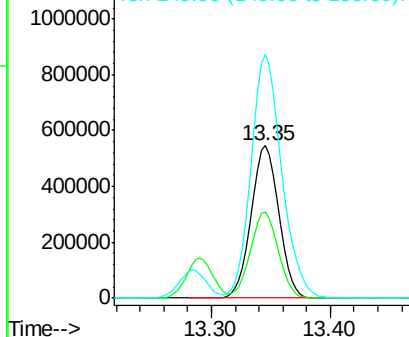
152 100

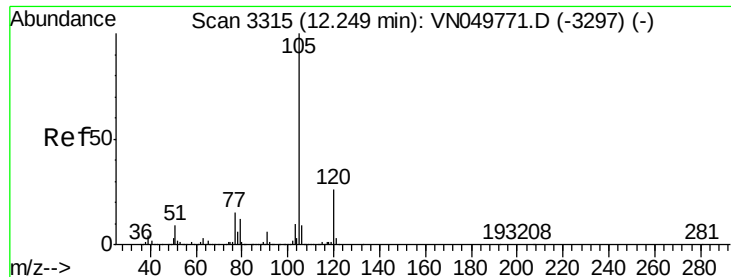
115 56.3 28.1 84.2

150 175.8 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: 48.104 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

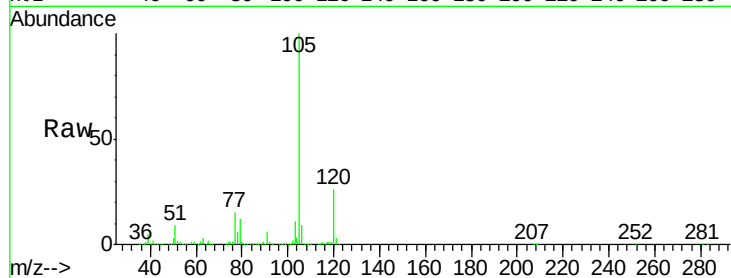
ClientSampled :

Tot Ion:105 Resp: 3529822

Ion Ratio Lower Upper

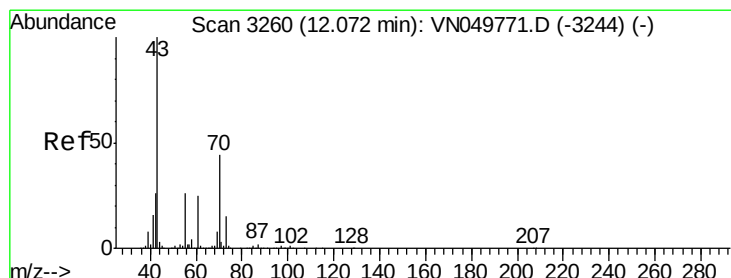
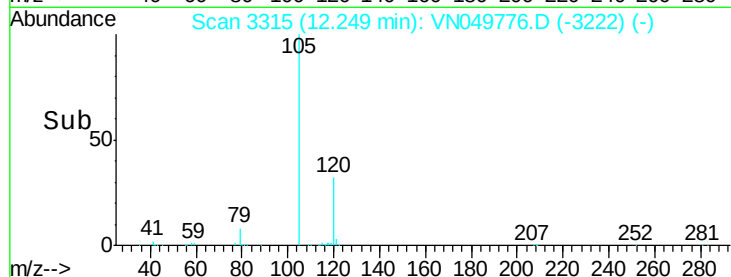
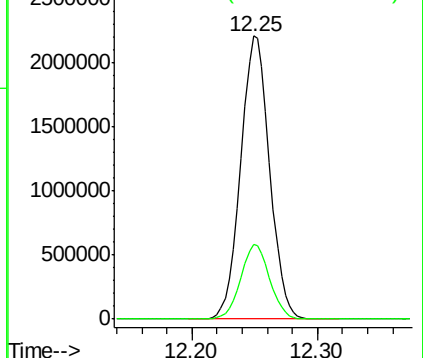
105 100

120 26.3 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: 48.199 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Tgt Ion: 43 Resp: 920098

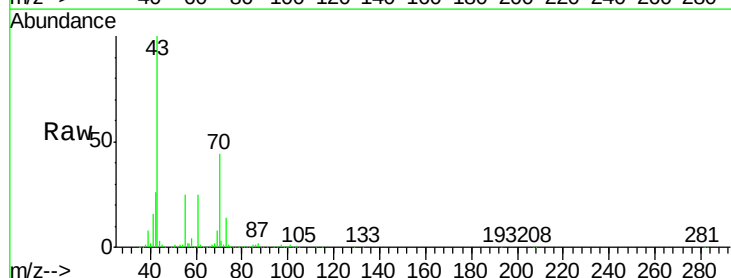
Ion Ratio Lower Upper

43 100

70 43.6 34.8 52.2

55 25.7 20.9 31.3

61 25.1 19.9 29.9

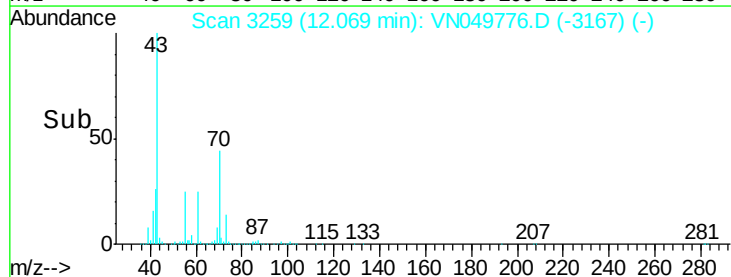
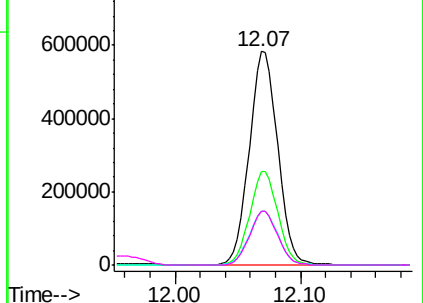


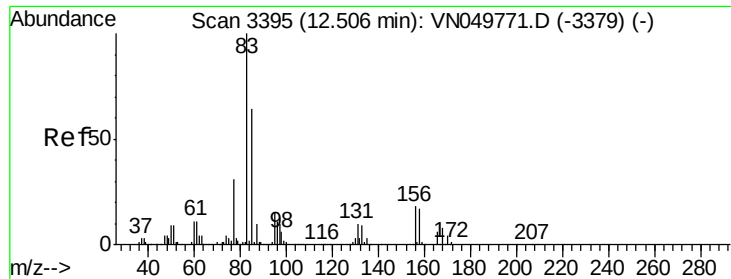
Abundance Ion 43.00 (42.70 to 43.70): V

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: 48.917 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampleId :

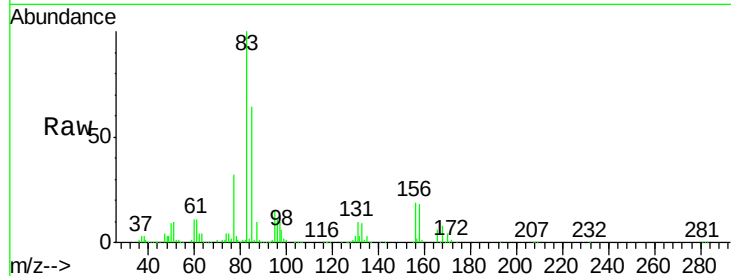
Tot Ion: 83 Resp: 827900

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

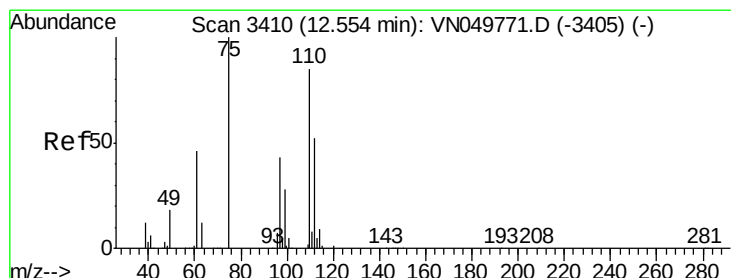
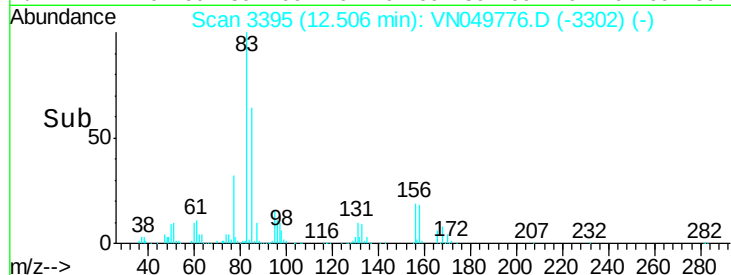
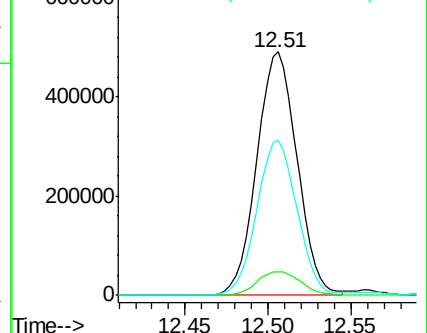
85 63.7 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN049776.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049776.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049776.D (-3379) (-)



#76

1,2,3-Trichloropropane

Concen: 63.618 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049776.D

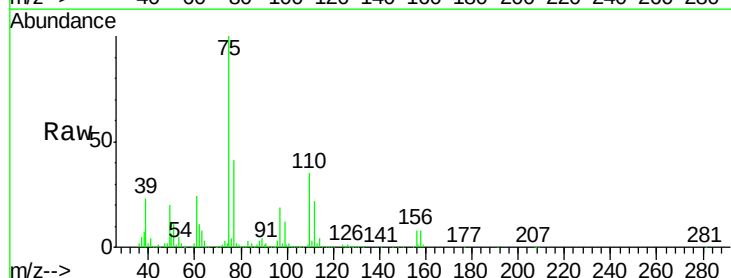
Acq: 12 Jul 2018 17:31

Tgt Ion: 75 Resp: 997886

Ion Ratio Lower Upper

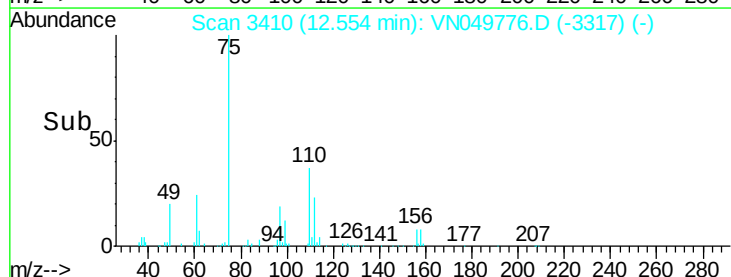
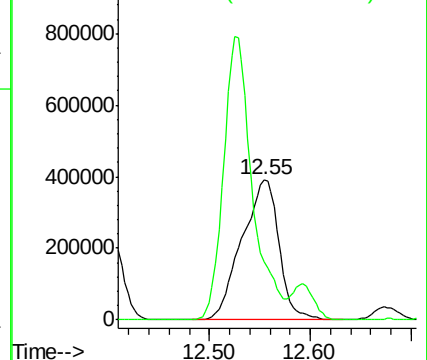
75 100

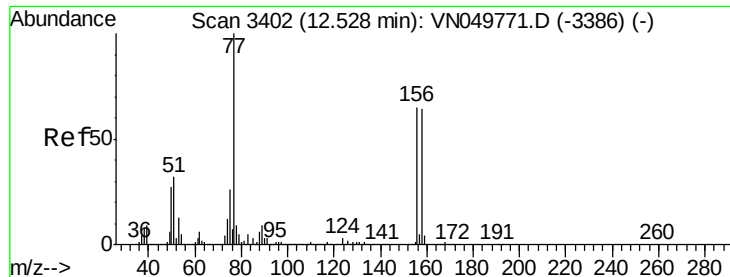
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049776.D (-3410) (-)

Ion 77.00 (76.70 to 77.70): VN049776.D (-3410) (-)





#77

Bromobenzene

Concen: 45.515 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampled :

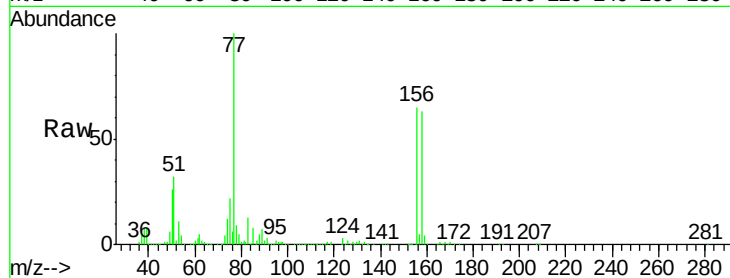
Tot Ion:156 Resp: 886025

Ion Ratio Lower Upper

156 100

77 178.8 90.2 270.6

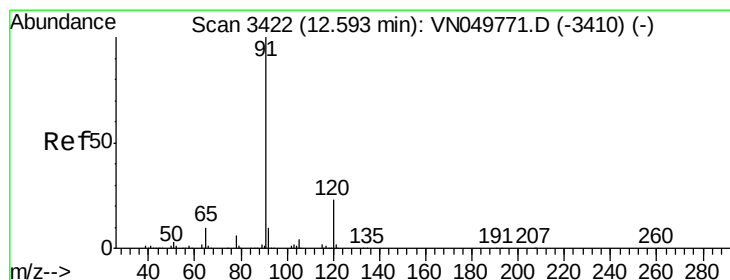
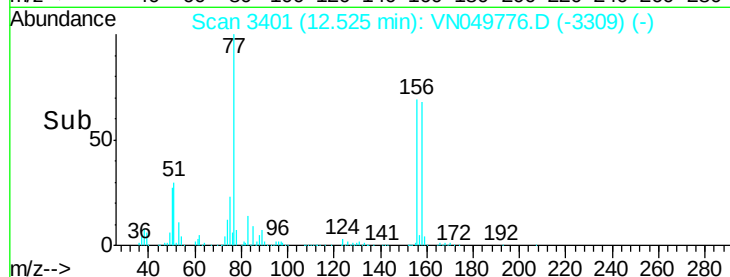
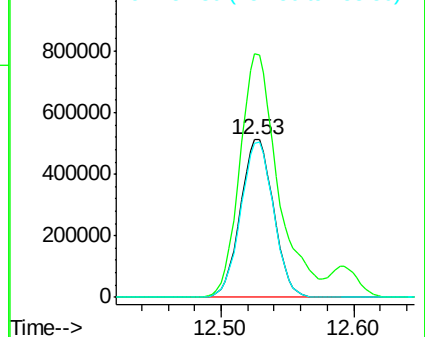
158 97.8 49.1 147.3



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: 48.969 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049776.D

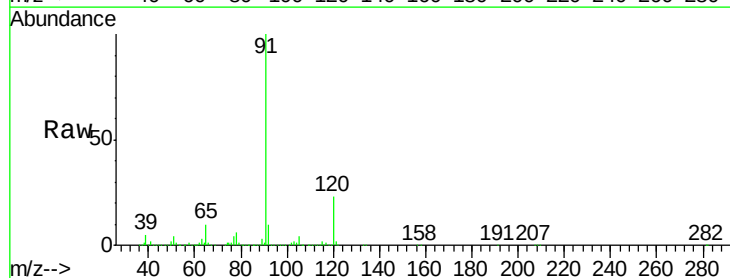
Acq: 12 Jul 2018 17:31

Tgt Ion: 91 Resp: 4051379

Ion Ratio Lower Upper

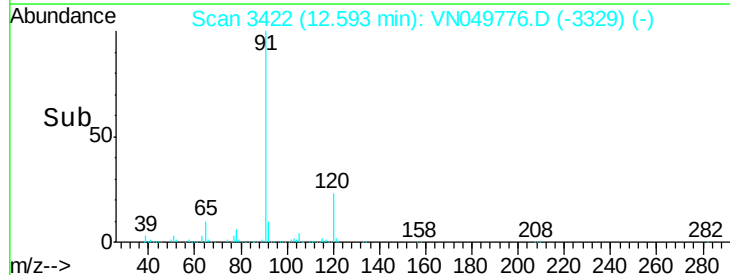
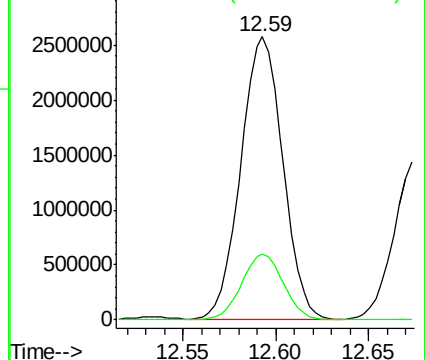
91 100

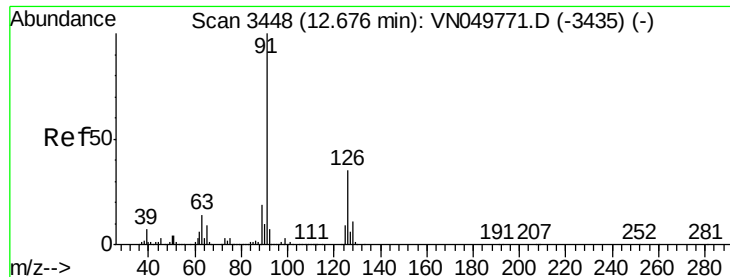
120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.320 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

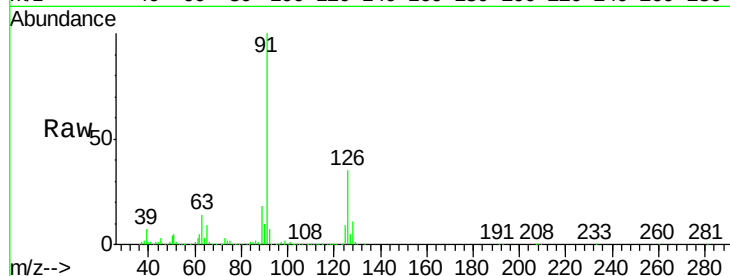
ClientSampleId :

Tot Ion: 91 Resp: 2395923

Ion Ratio Lower Upper

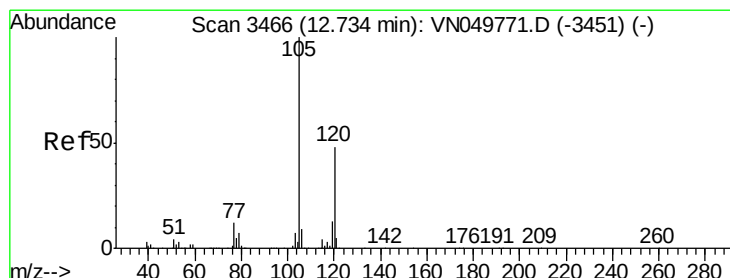
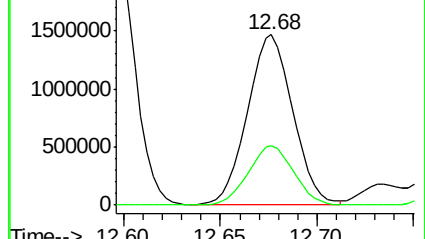
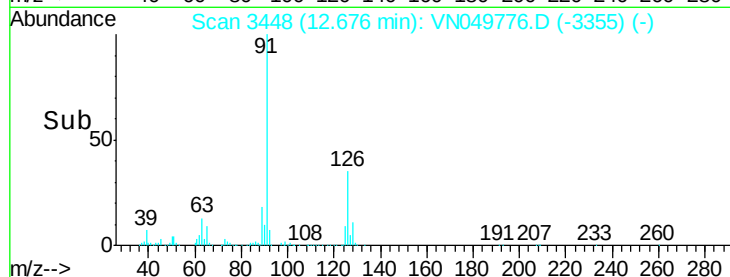
91 100

126 35.1 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN049776.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049776.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.049 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049776.D

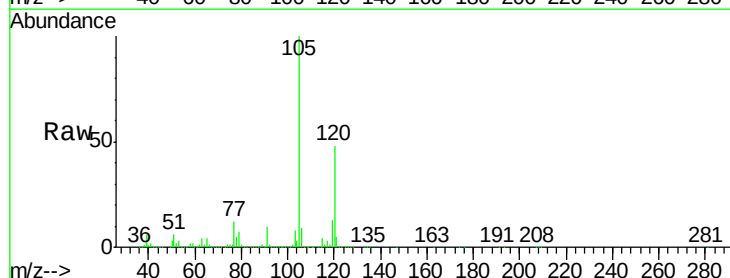
Acq: 12 Jul 2018 17:31

Tgt Ion: 105 Resp: 2860252

Ion Ratio Lower Upper

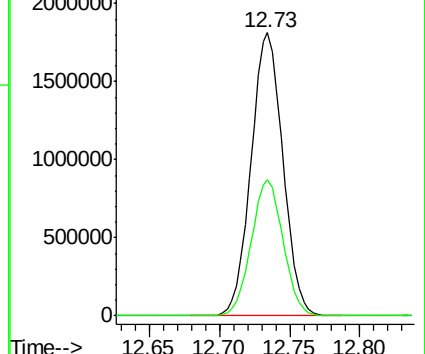
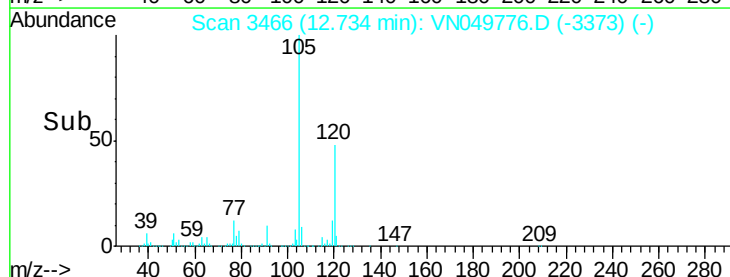
105 100

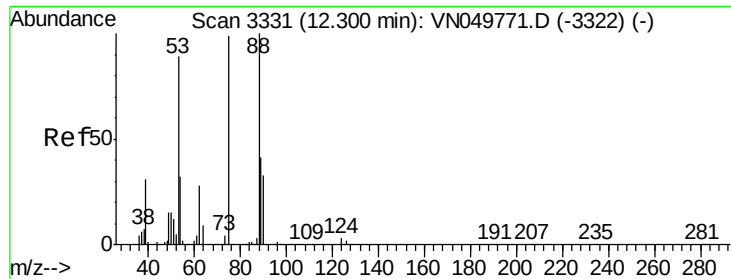
120 48.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049776.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049776.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.107 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampled :

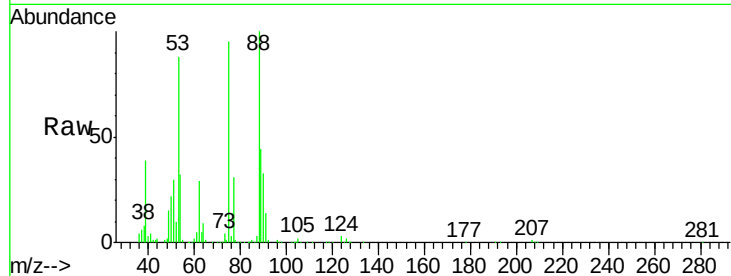
Tot Ion: 75 Resp: 233664

Ion Ratio Lower Upper

75 100

53 91.4 73.9 110.9

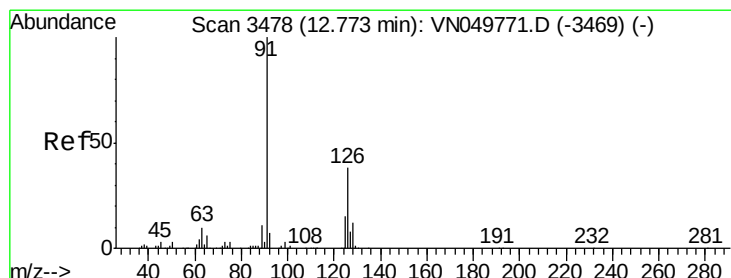
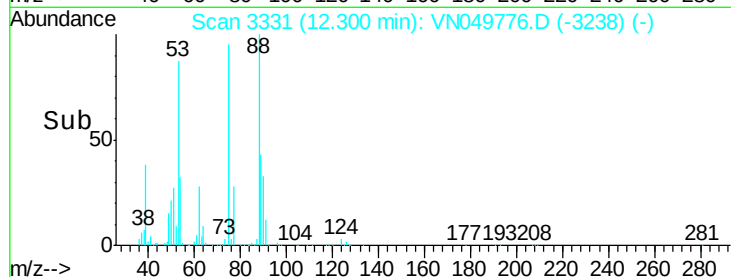
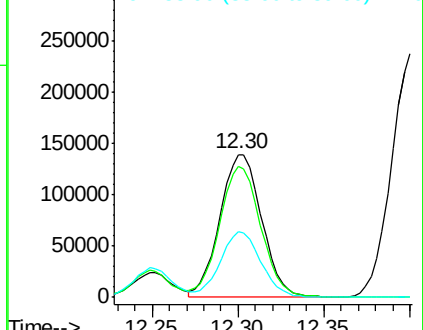
89 45.0 35.9 53.9



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: 48.502 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049776.D

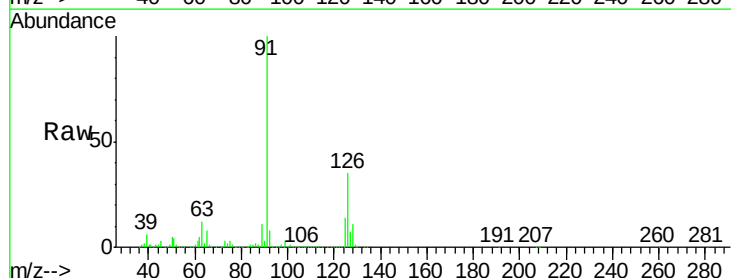
Acq: 12 Jul 2018 17:31

Tgt Ion: 91 Resp: 2435756

Ion Ratio Lower Upper

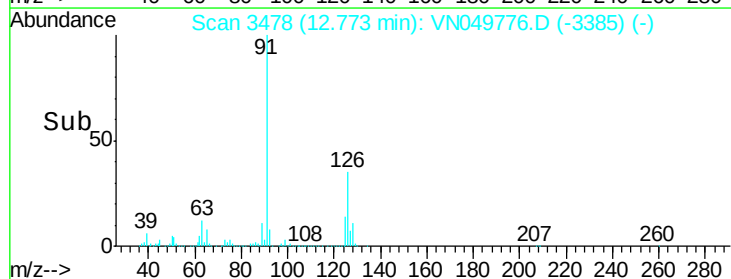
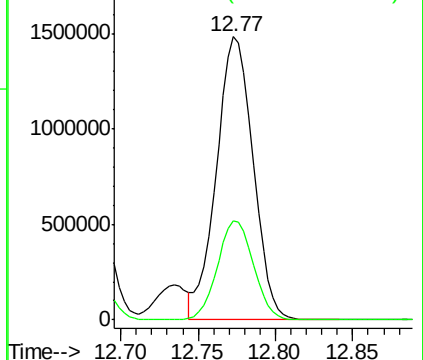
91 100

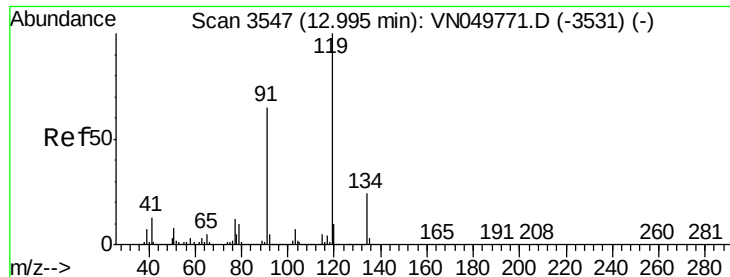
126 34.4 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

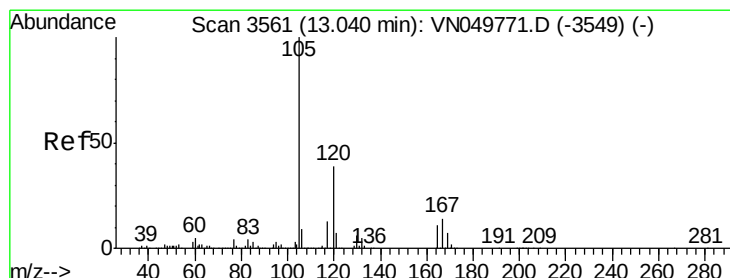
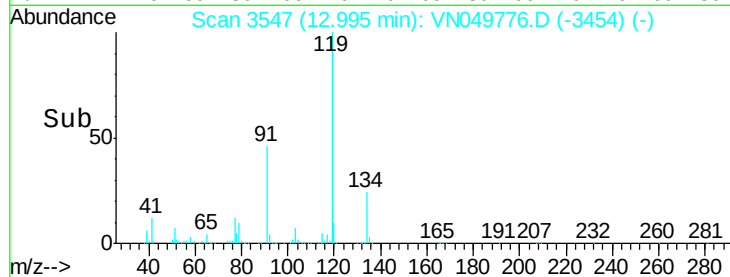
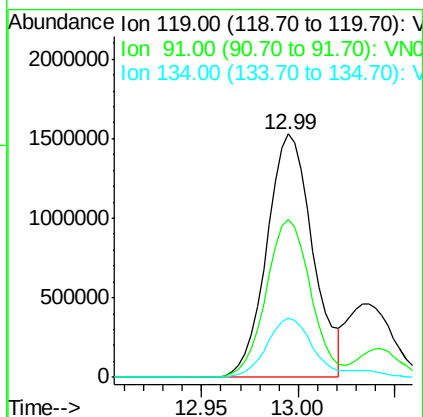
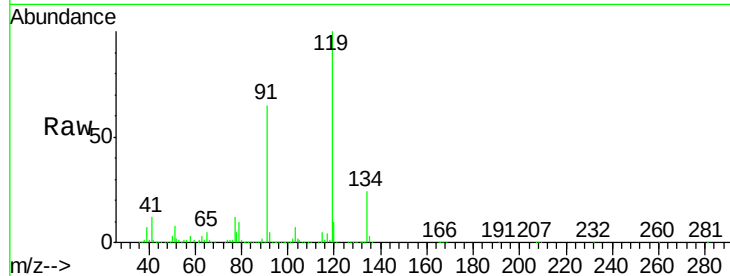




#83
 tert-Butylbenzene
 Concen: 48.283 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

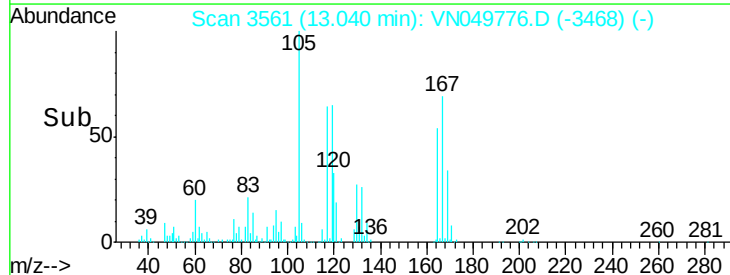
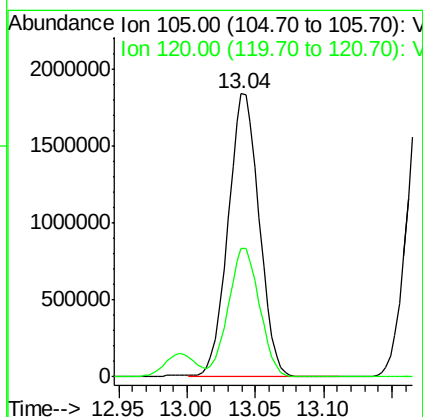
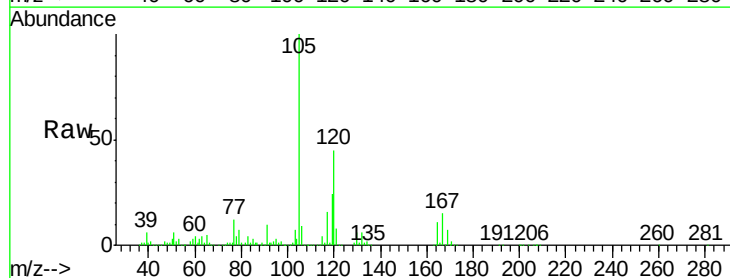
Instrument :
 MSVOA_N
 ClientSampled :

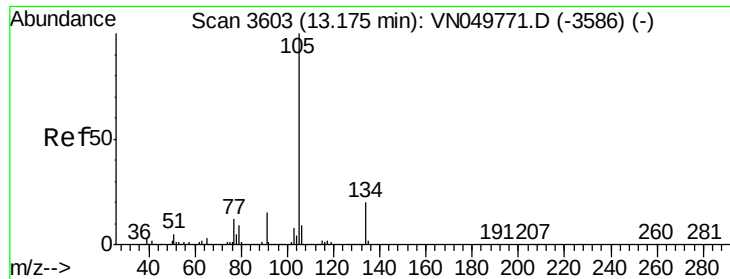
Tot Ion:119 Resp: 2519177
 Ion Ratio Lower Upper
 119 100
 91 63.2 32.0 96.2
 134 24.1 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.877 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

Tgt Ion:105 Resp: 2916897
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1

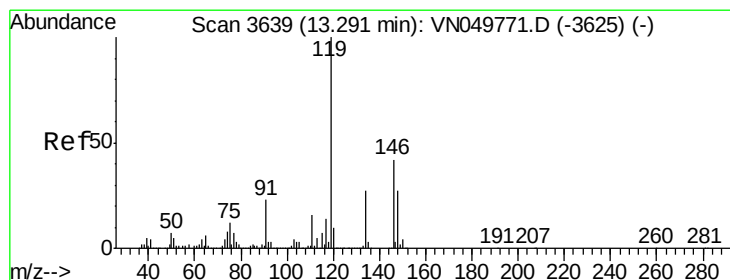
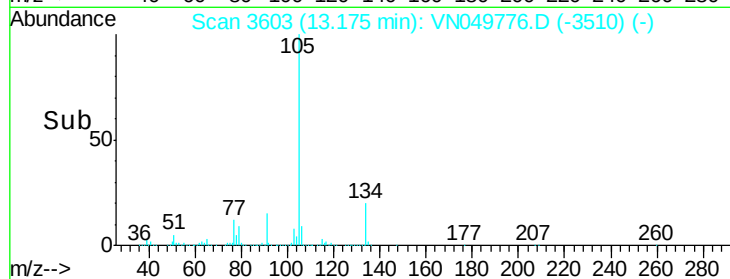
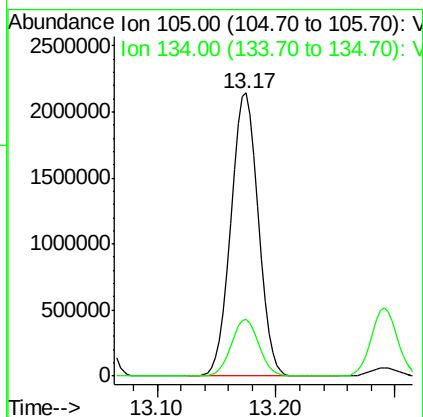
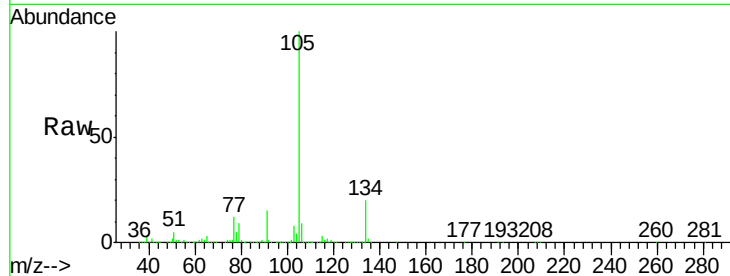




#85
 sec-Butylbenzene
 Concen: 49.933 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

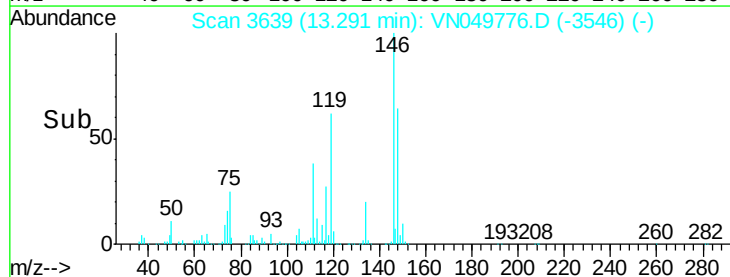
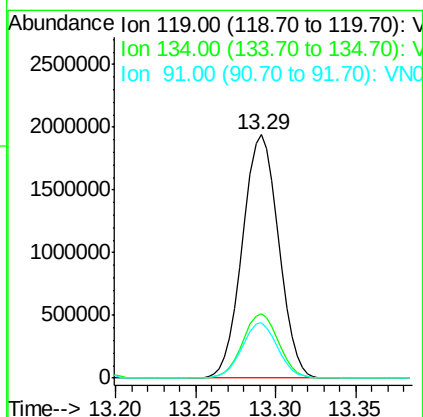
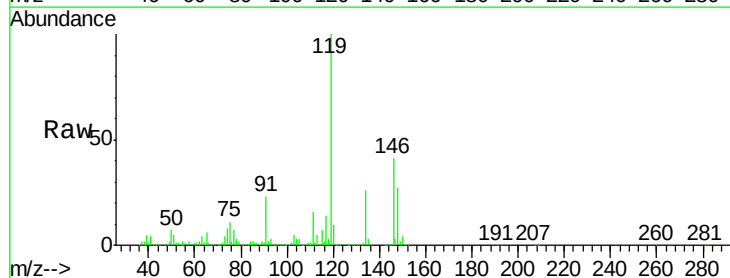
Instrument :
 MSVOA_N
 ClientSampled :

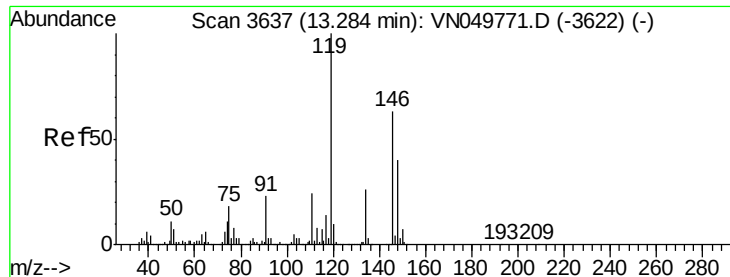
Tot Ion:105 Resp: 3414408
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.499 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

Tgt Ion:119 Resp: 2979948
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 22.3 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 46.822 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampled :

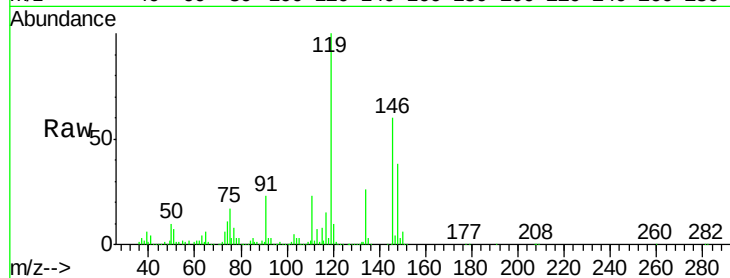
Tot Ion:146 Resp: 1580306

Ion Ratio Lower Upper

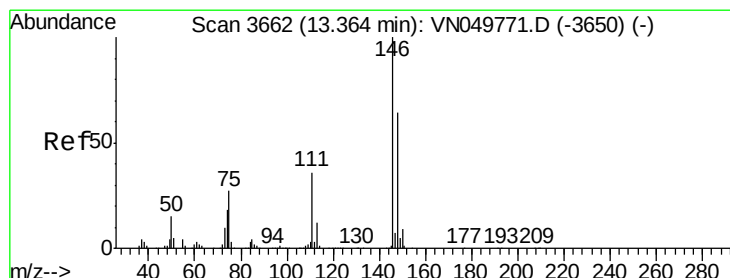
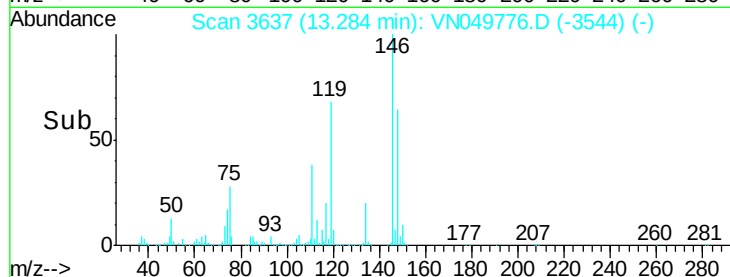
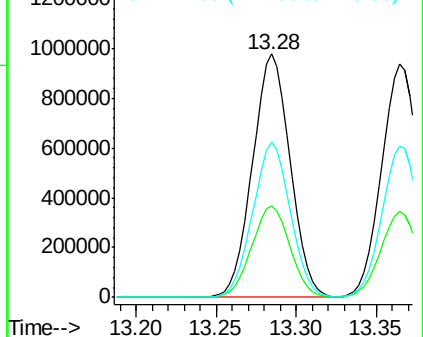
146 100

111 38.2 19.0 57.0

148 63.7 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.780 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

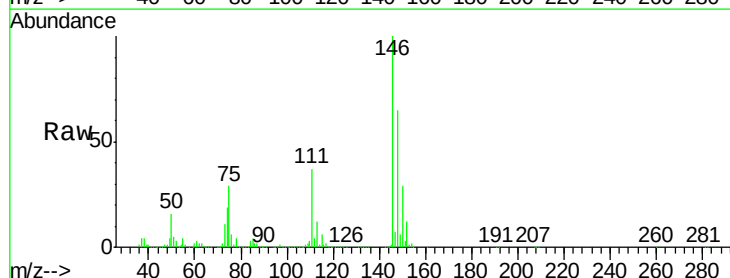
Tgt Ion:146 Resp: 1534933

Ion Ratio Lower Upper

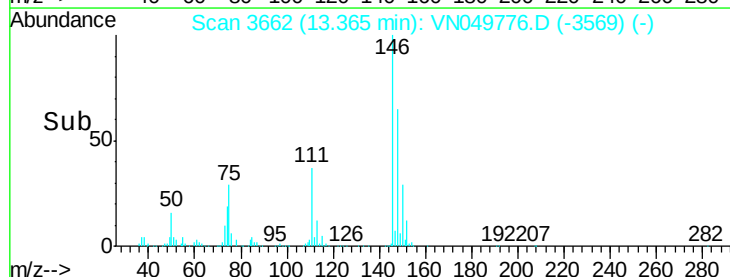
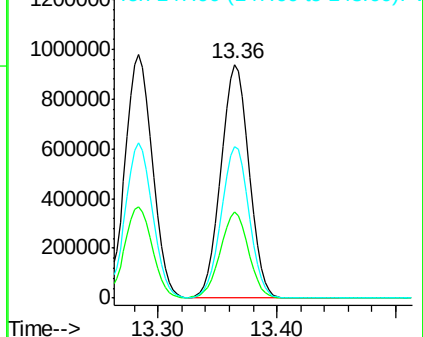
146 100

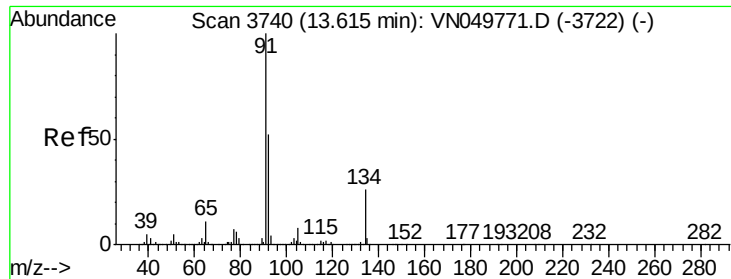
111 36.9 18.9 56.5

148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

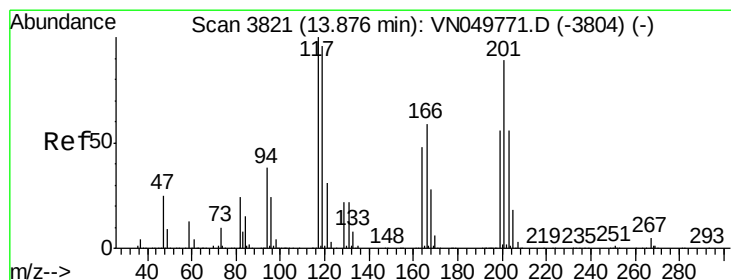
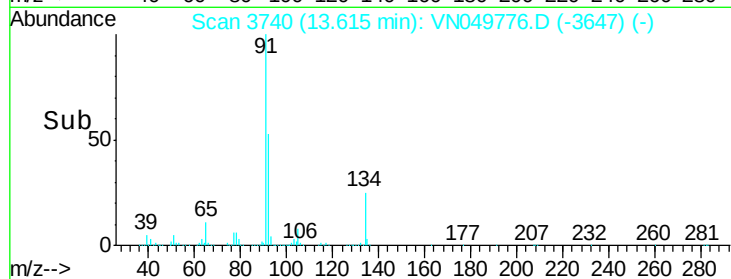
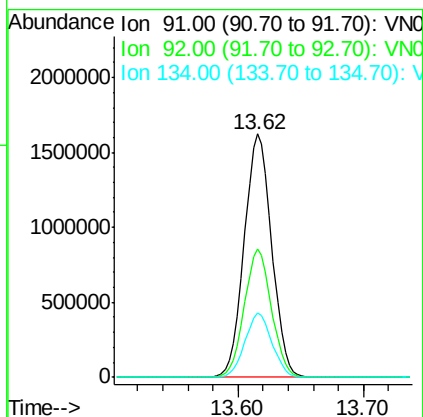
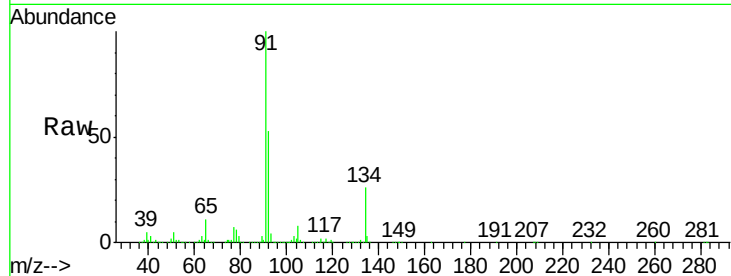




#89
n-Butylbenzene
Concen: 51.775 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

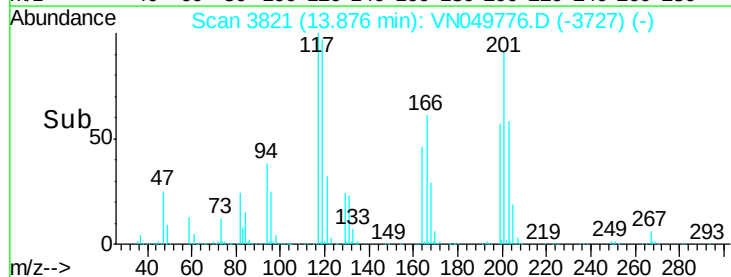
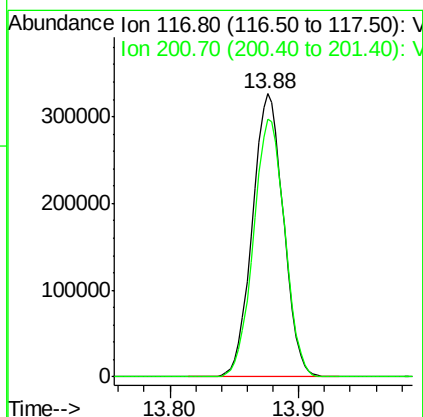
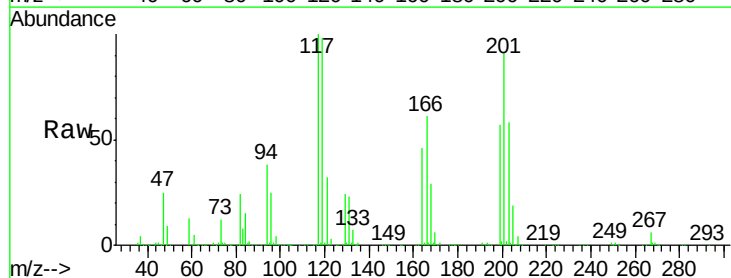
Instrument :
MSVOA_N
ClientSampled :

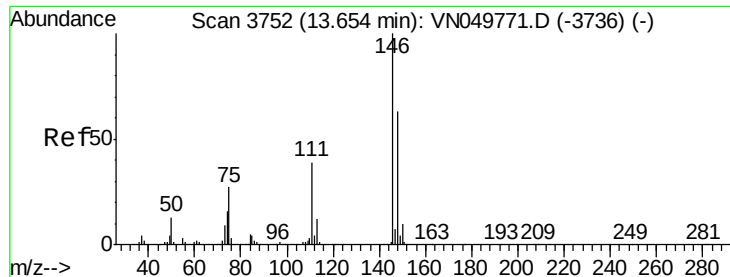
Tot Ion: 91 Resp: 2473191
Ion Ratio Lower Upper
91 100
92 51.9 25.8 77.3
134 26.0 13.0 38.9



#90
Hexachloroethane
Concen: 48.910 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion: 117 Resp: 547844
Ion Ratio Lower Upper
117 100
201 91.7 45.3 135.8





#91

1,2-Dichlorobenzene

Concen: 46.180 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

Instrument :

MSVOA_N

ClientSampled :

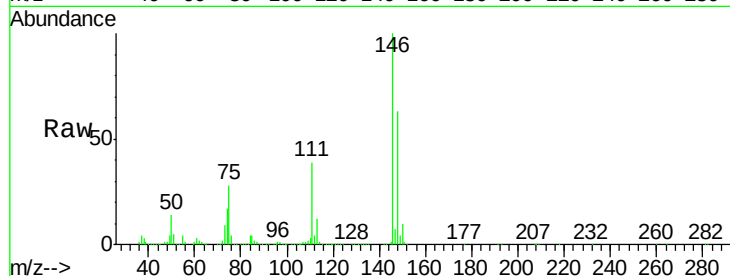
Tot Ion:146 Resp: 1521173

Ion Ratio Lower Upper

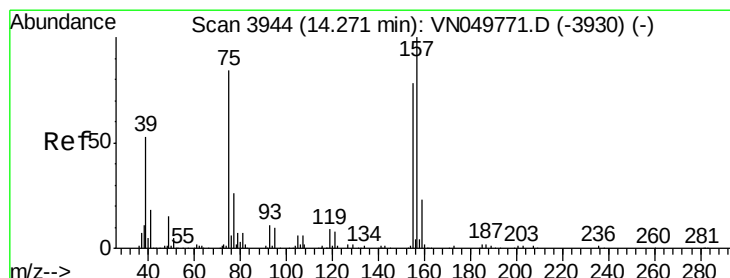
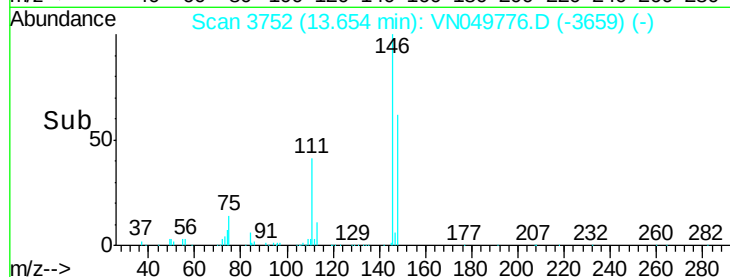
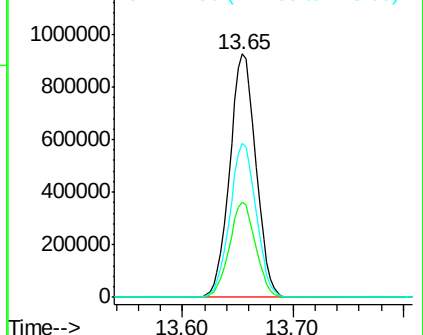
146 100

111 38.9 19.7 59.1

148 63.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.132 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049776.D

Acq: 12 Jul 2018 17:31

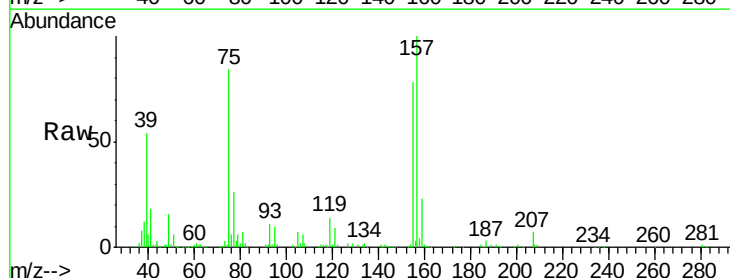
Tgt Ion: 75 Resp: 117175

Ion Ratio Lower Upper

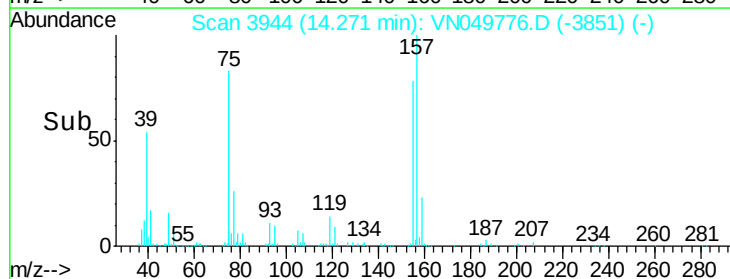
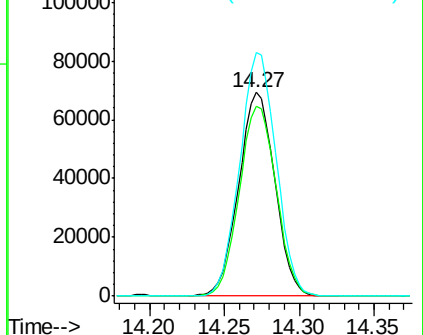
75 100

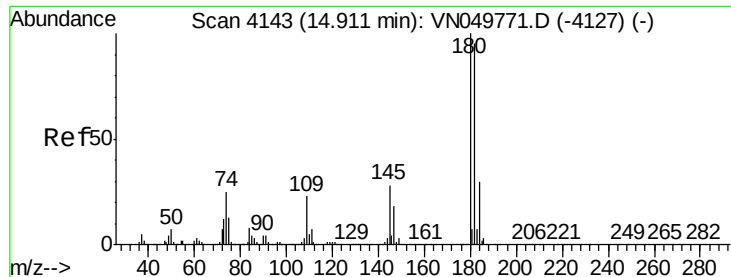
155 94.6 45.7 137.1

157 119.7 56.9 170.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

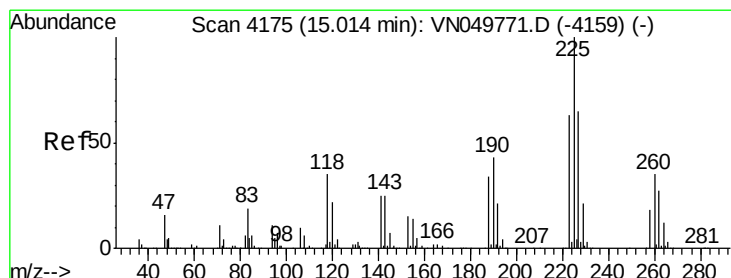
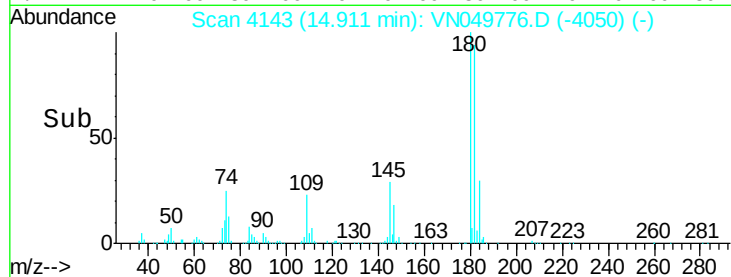
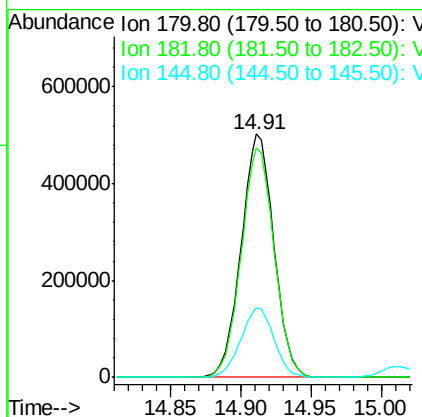
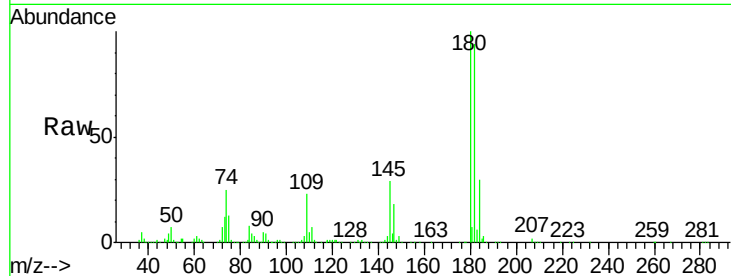




#93
 1,2,4-Trichlorobenzene
 Concen: 45.323 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

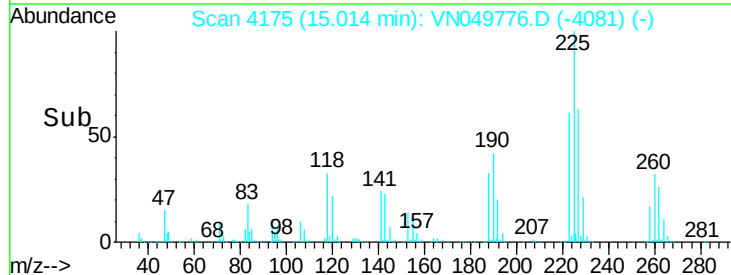
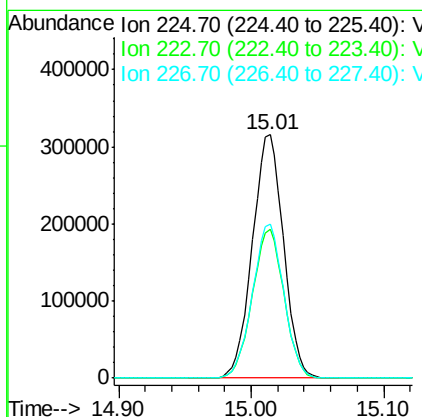
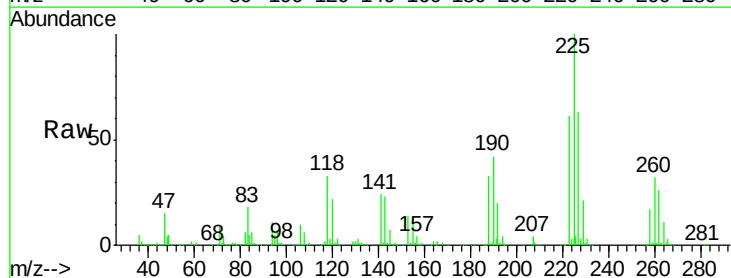
Instrument :
 MSVOA_N
 ClientSampleId :

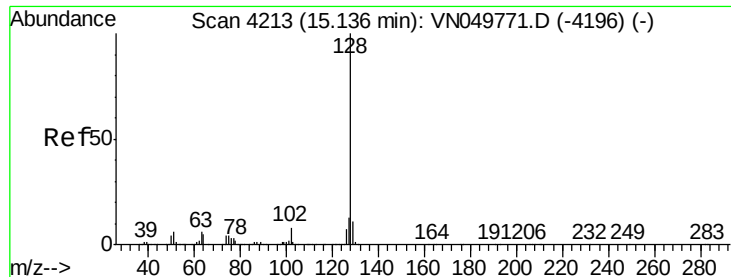
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.9
145	29.1	14.4	43.0



#94
 Hexachlorobutadiene
 Concen: 51.088 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049776.D
 Acq: 12 Jul 2018 17:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.7
227	63.6	31.8	95.4

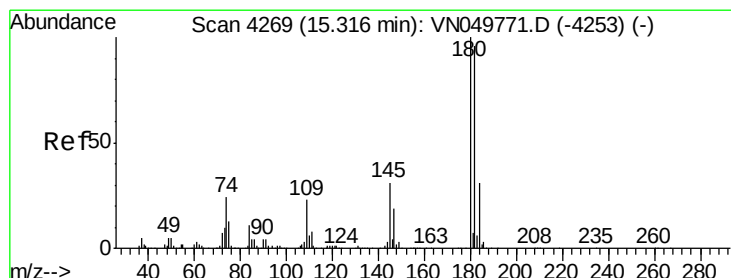
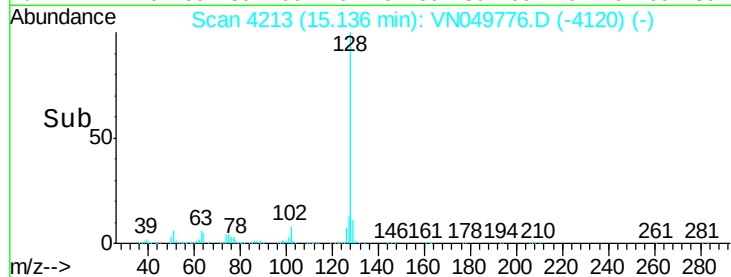
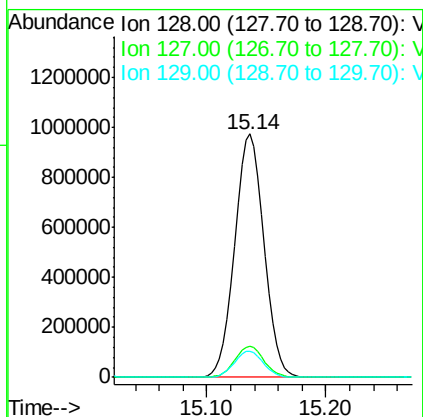
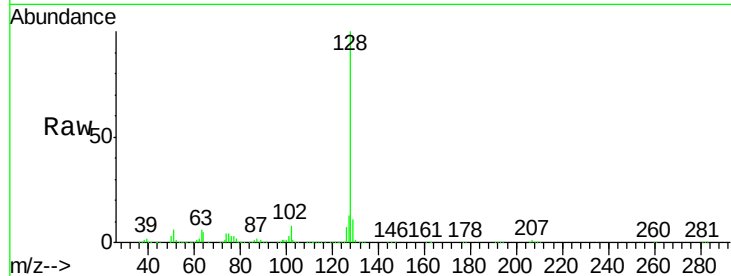




#95
Naphthalene
Concen: 43.039 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 1656591
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.035 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049776.D
Acq: 12 Jul 2018 17:31

Tgt Ion:180 Resp: 799282
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 30.0 15.2 45.6

