

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020770.D
 Acq On : 27 Jan 2021 15:01
 Operator : JC/SP
 Sample : VX0127WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

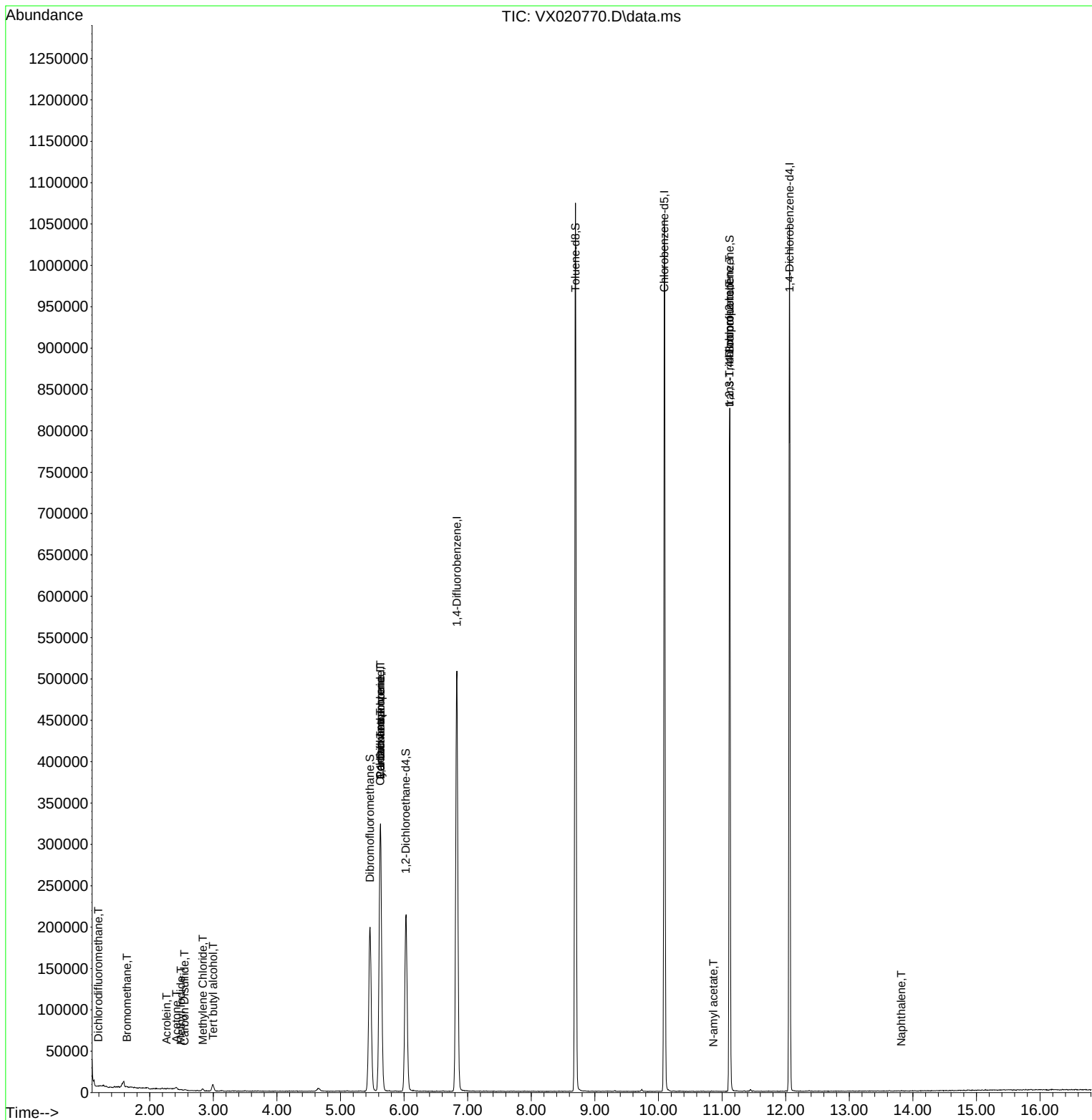
Quant Time: Jan 28 00:43:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

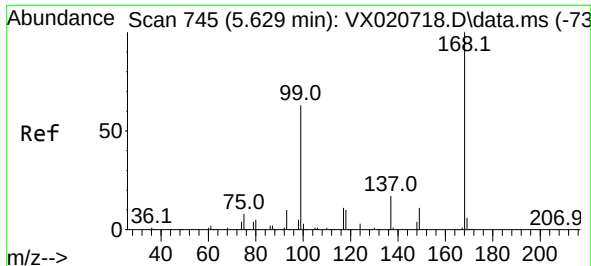
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	303344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	520288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	487721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	214288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	206517	49.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.82%
35) Dibromofluoromethane	5.464	113	175273	49.18	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.36%
50) Toluene-d8	8.696	98	636138	48.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.38%
62) 4-Bromofluorobenzene	11.122	95	226394	44.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.191	85	26	1.20	ug/l #	42
5) Bromomethane	1.642	94	627	0.31	ug/l #	60
10) Methyl Iodide	2.489	142	919	0.22	ug/l #	90
11) Tert butyl alcohol	2.995	59	4428	5.73	ug/l #	73
13) Acrolein	2.264	56	117	0.20	ug/l #	63
16) Acetone	2.416	43	1435	0.91	ug/l	97
17) Carbon Disulfide	2.544	76	917	1.00	ug/l #	75
20) Methylene Chloride	2.837	84	1130	0.29	ug/l	88
31) Cyclohexane	5.623	56	5858	1.05	ug/l #	6
36) 1,1-Dichloropropene	5.629	75	22859	4.38	ug/l #	49
38) Carbon Tetrachloride	5.629	117	30917	5.63	ug/l #	16
74) N-amyl acetate	10.866	43	43	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	110233	22.18	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	110233	62.15	ug/l #	12
95) Naphthalene	13.817	128	320	2.89	ug/l #	69

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

Quant Time: Jan 28 00:43:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
Response via : Initial Calibration

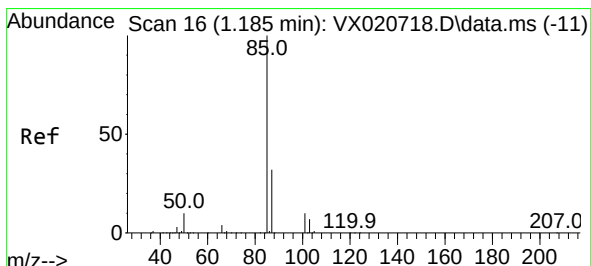
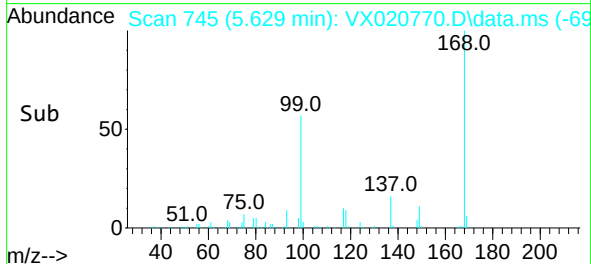
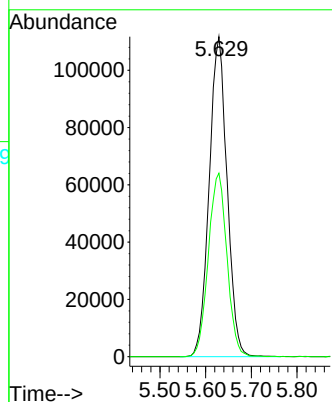
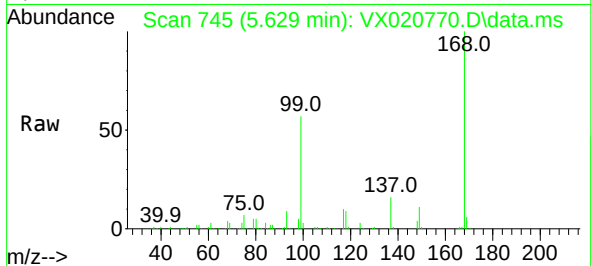




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

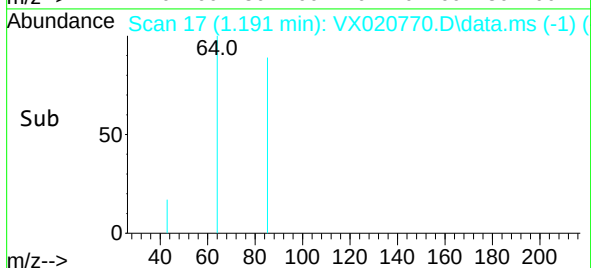
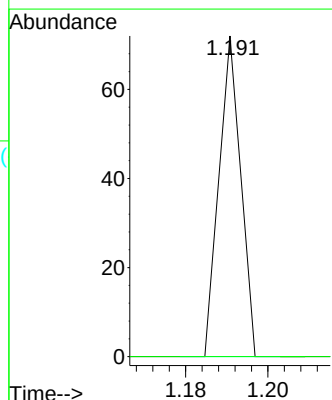
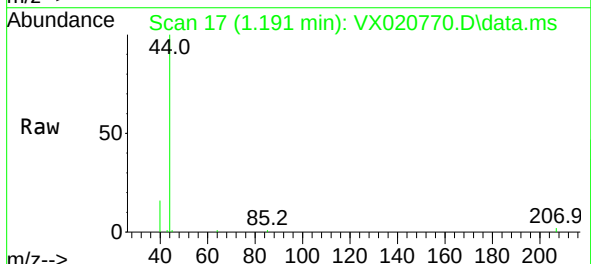
Instrument :
MSVOA_X
ClientSampleId :

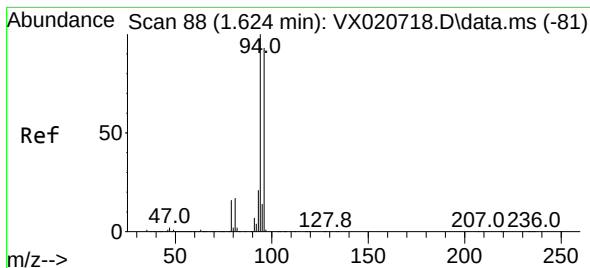
Tgt Ion:168 Resp: 303344
Ion Ratio Lower Upper
168 100
99 57.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.20 ug/l
RT: 1.191 min Scan# 17
Delta R.T. 0.006 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

Tgt Ion: 85 Resp: 26
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

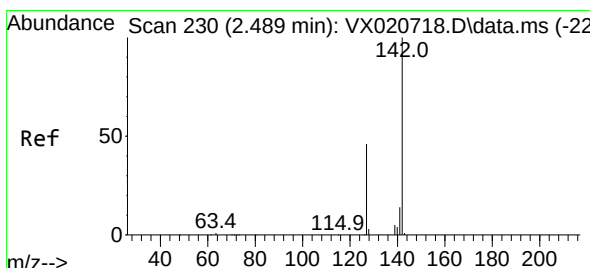
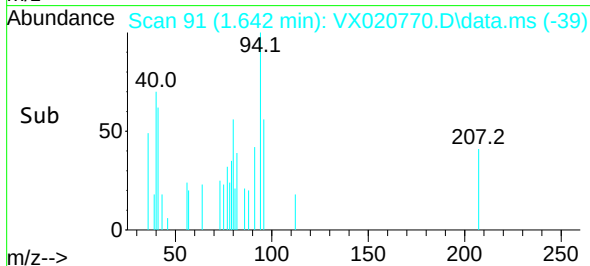
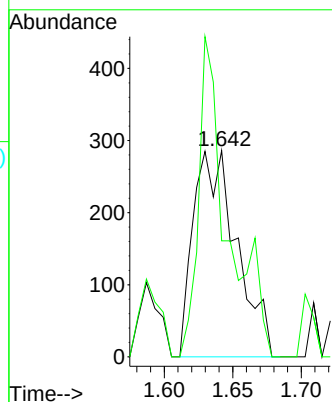
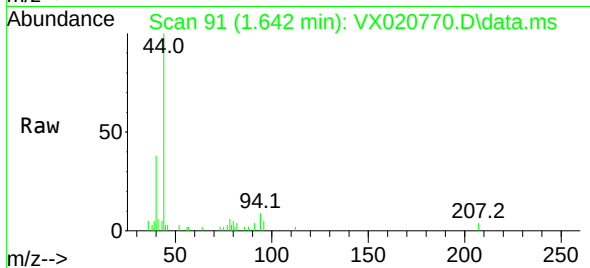




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

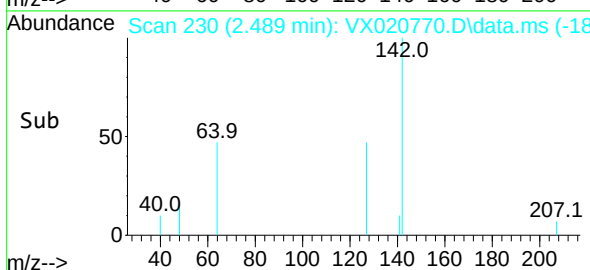
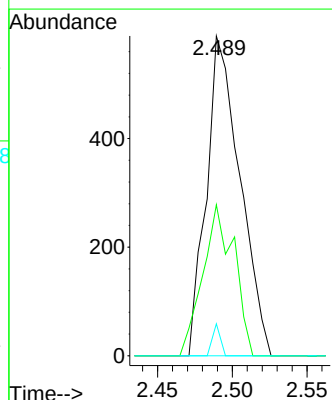
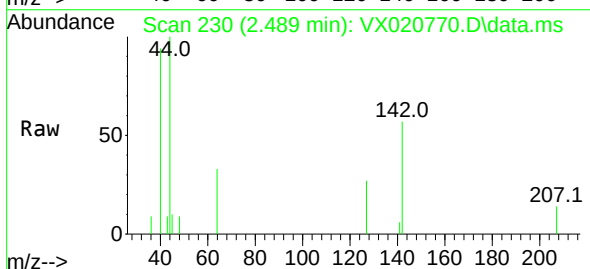
Instrument :
MSVOA_X
ClientSampleId :

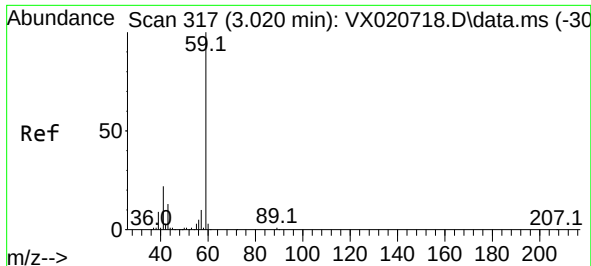
Tgt Ion: 94 Resp: 627
Ion Ratio Lower Upper
94 100
96 56.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.22 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

Tgt Ion:142 Resp: 919
Ion Ratio Lower Upper
142 100
127 44.0 33.3 49.9
141 2.4 11.4 17.0#





#11

Tert butyl alcohol

Concen: 5.73 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.025 min

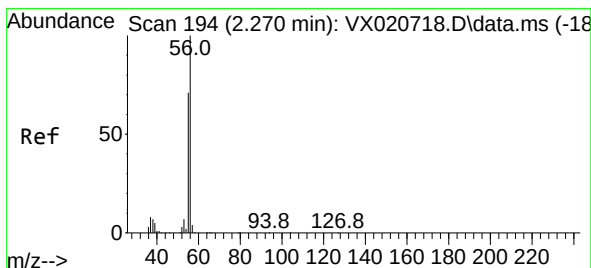
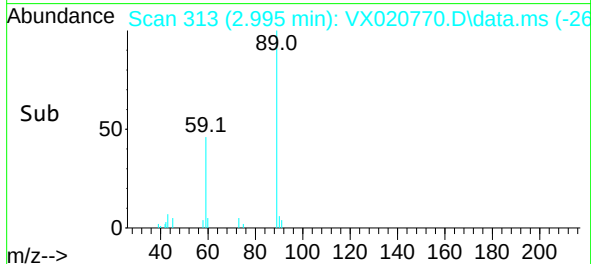
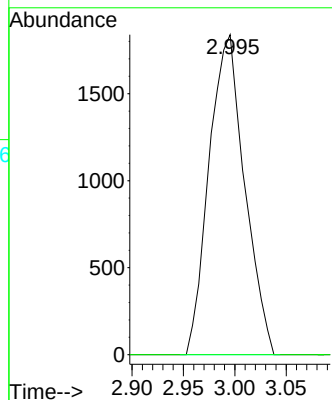
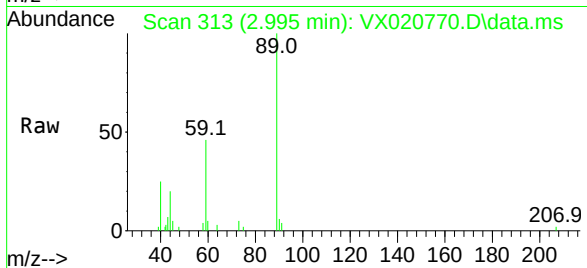
Lab File: VX020770.D

Acq: 27 Jan 2021 15:01

Tgt Ion: 59 Resp: 4428

Ion Ratio Lower Upper

59	100		
57	0.0	7.8	11.8#



#13

Acrolein

Concen: 0.20 ug/l

RT: 2.264 min Scan# 193

Delta R.T. -0.006 min

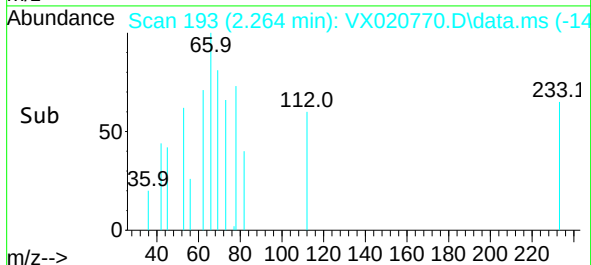
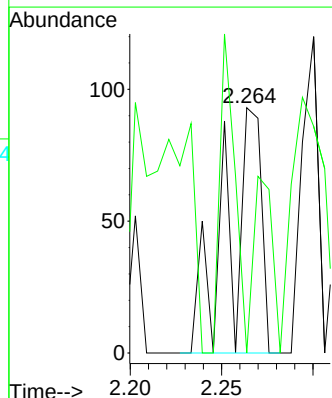
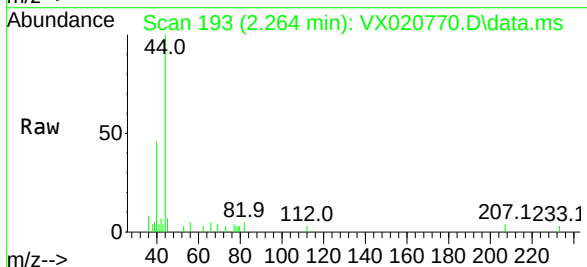
Lab File: VX020770.D

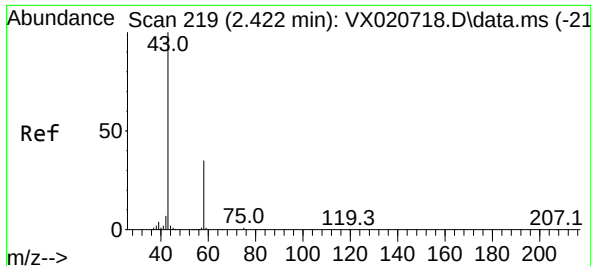
Acq: 27 Jan 2021 15:01

Tgt Ion: 56 Resp: 117

Ion Ratio Lower Upper

56	100		
55	40.2	56.4	84.6#

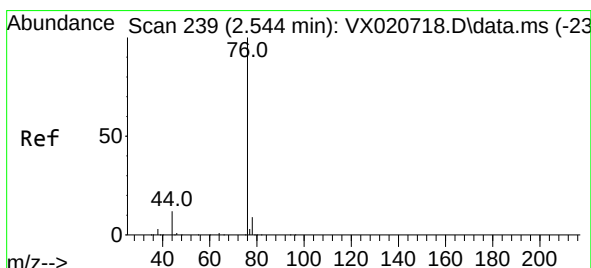
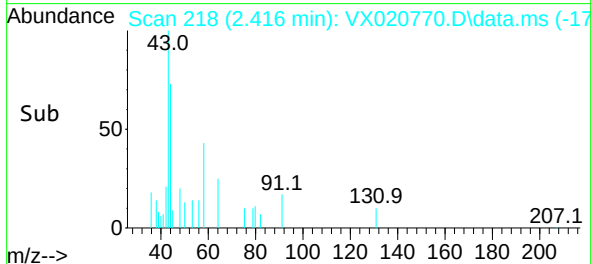
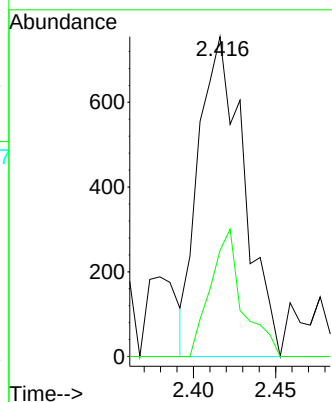
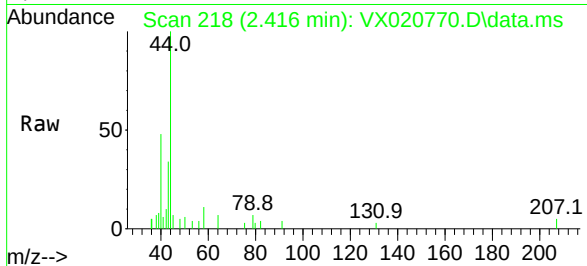




#16
Acetone
Concen: 0.91 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

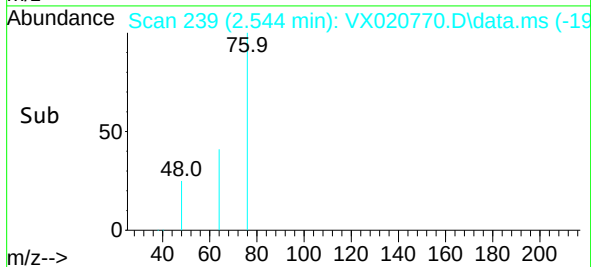
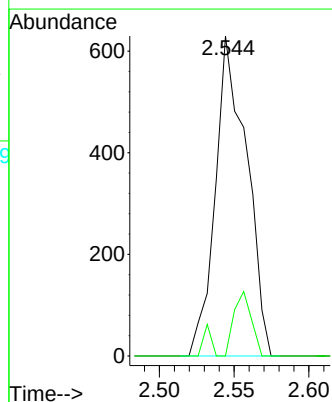
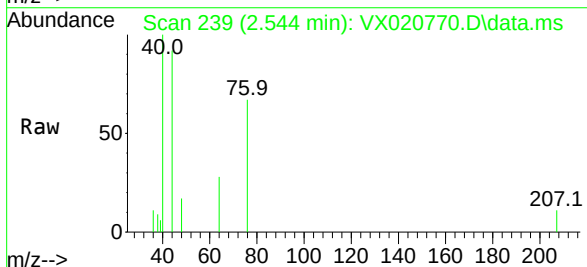
Instrument :
MSVOA_X
ClientSampleId :

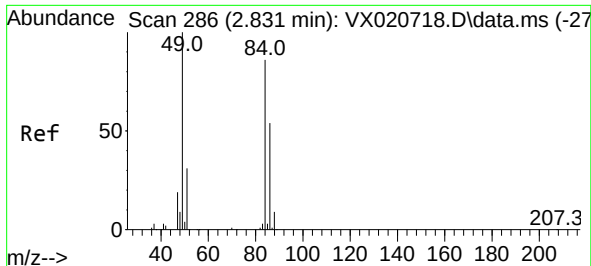
Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8



#17
Carbon Disulfide
Concen: 1.00 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

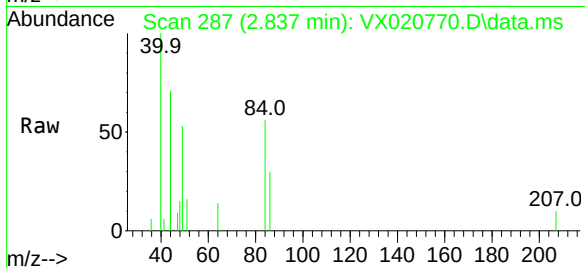
Tgt Ion: 76 Resp: 917
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



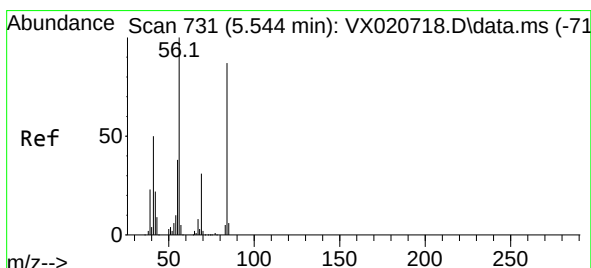
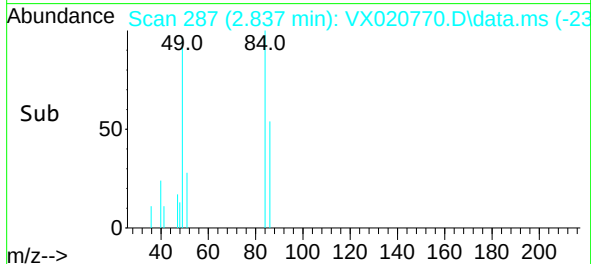
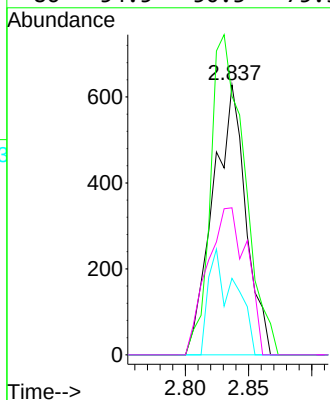


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

Instrument :
MSVOA_X
ClientSampleId :

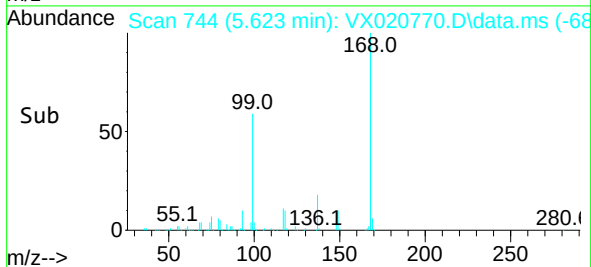
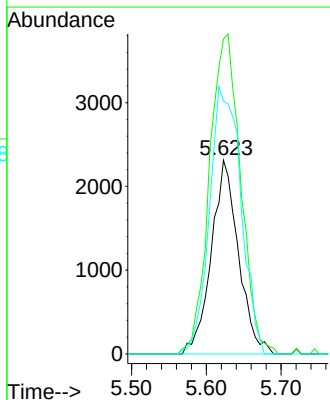
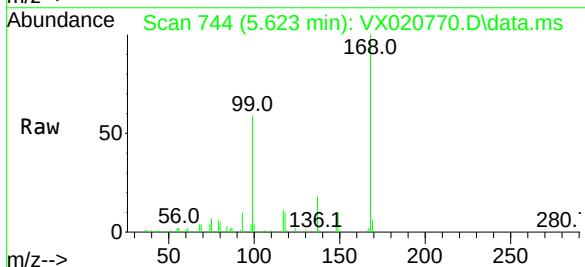


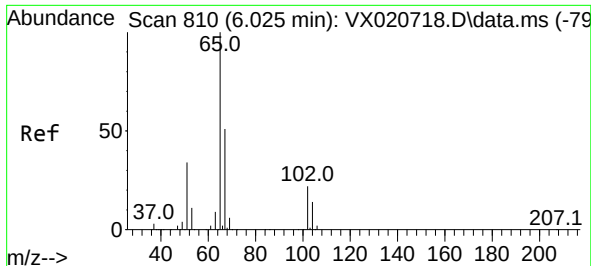
Tgt Ion: 84	Resp: 1130
Ion Ratio	Lower Upper
84 100	
49 95.9	88.6 132.8
51 28.3	27.0 40.6
86 54.5	50.3 75.5



#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

Tgt Ion: 56	Resp: 5858		
Ion Ratio	Lower	Upper	
56	100		
69	162.5	25.3	37.9#
84	130.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.91 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020770.D

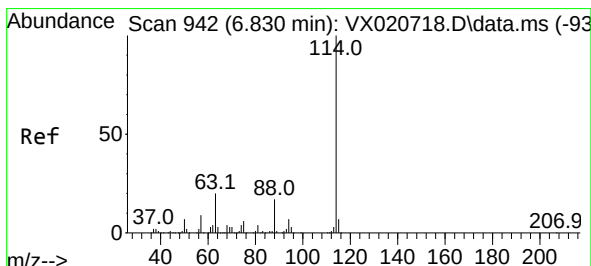
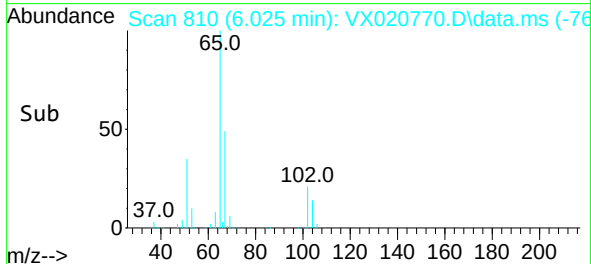
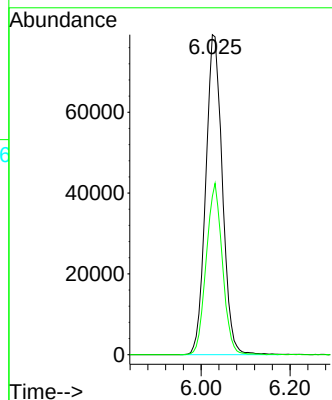
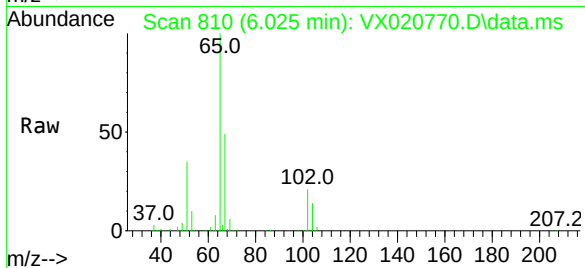
Acq: 27 Jan 2021 15:01

Tgt Ion: 65 Resp: 206517

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020770.D

Acq: 27 Jan 2021 15:01

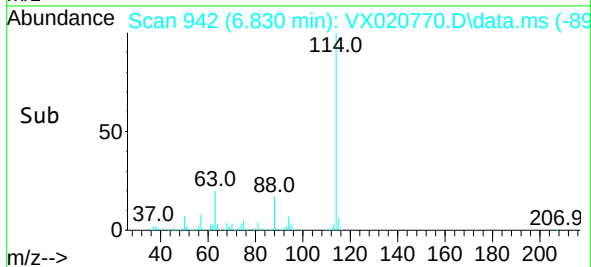
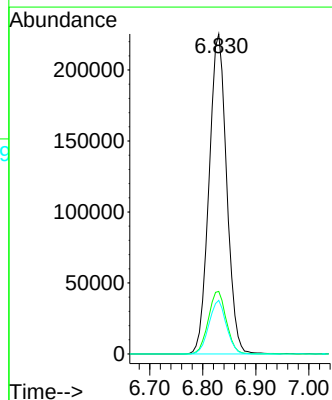
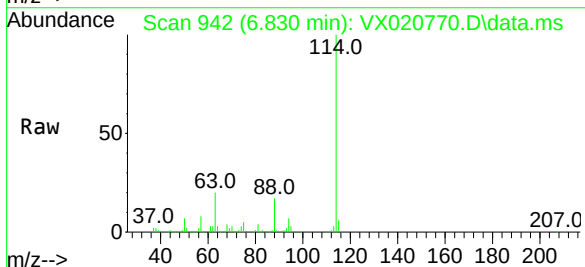
Tgt Ion: 114 Resp: 520288

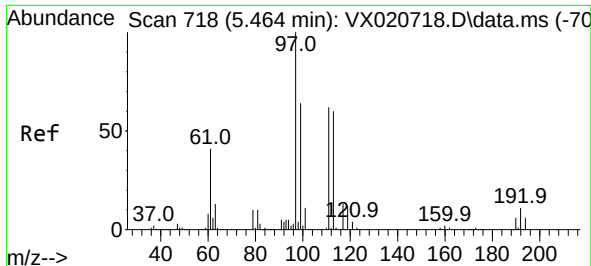
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 16.7 0.0 32.8

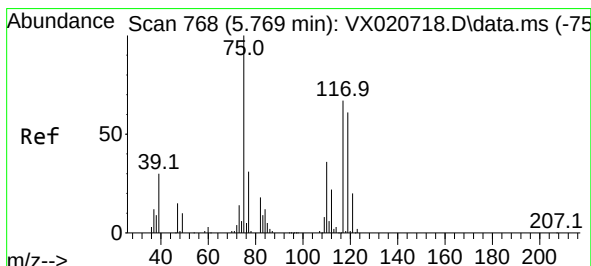
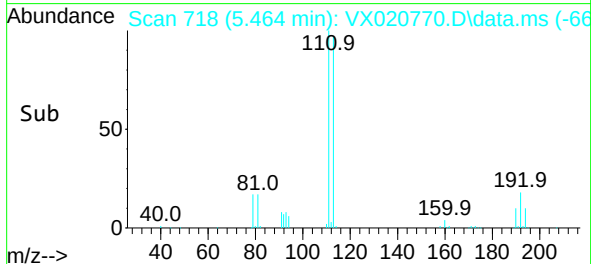
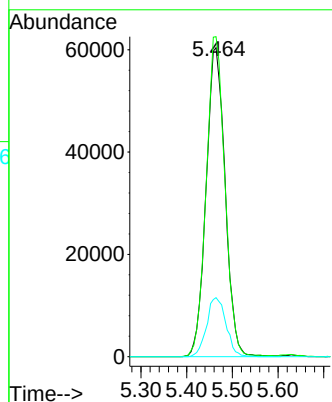
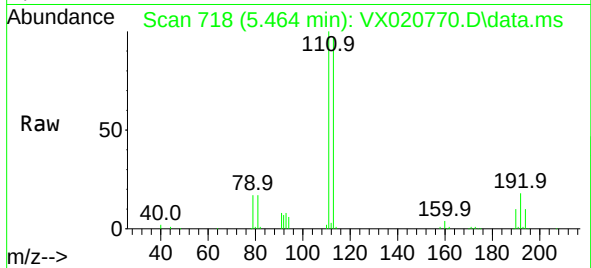




#35
Dibromofluoromethane
Concen: 49.18 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

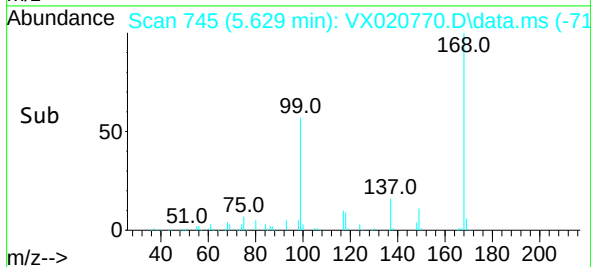
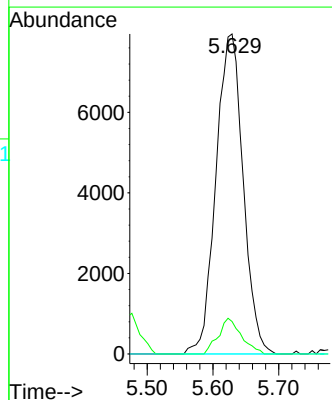
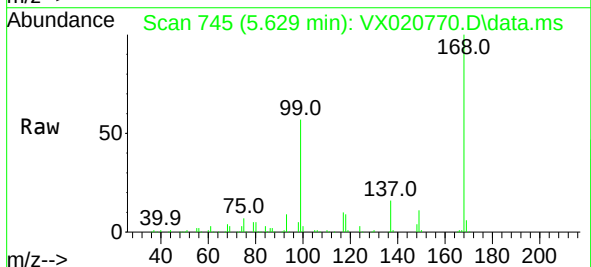
Instrument :
MSVOA_X
ClientSampled :

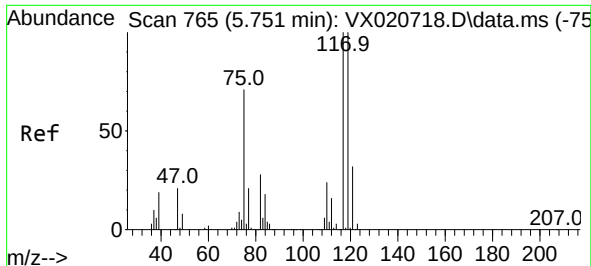
Tgt Ion:113 Resp: 175273
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

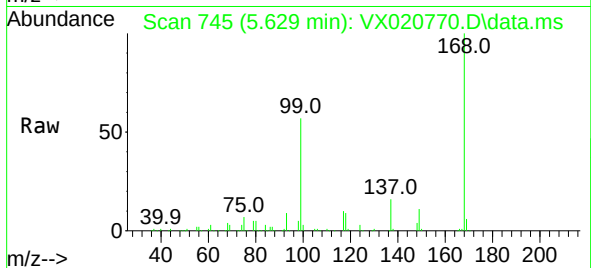
Tgt Ion: 75 Resp: 22859
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



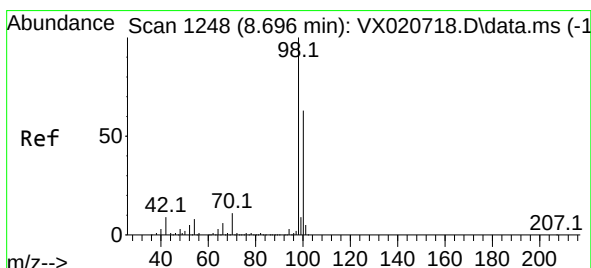
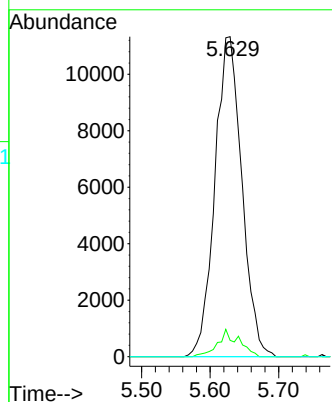
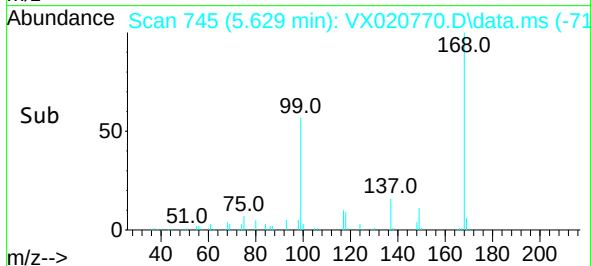


#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

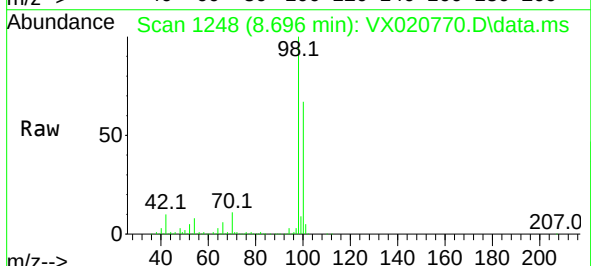
Instrument :
MSVOA_X
ClientSampled :



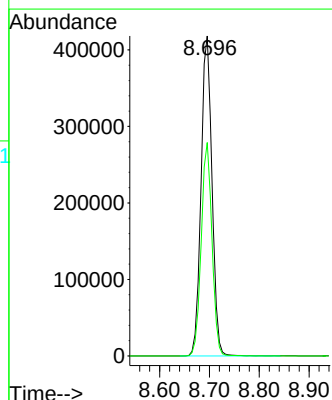
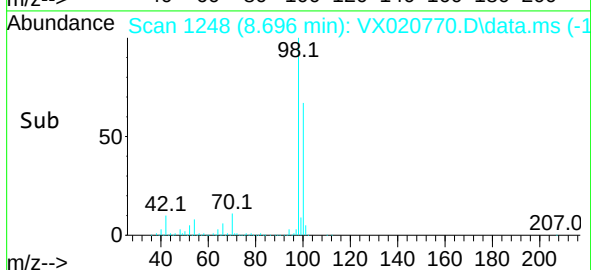
Tgt Ion:117 Resp: 30917
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

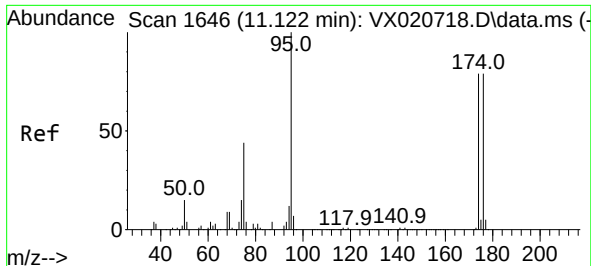


#50
Toluene-d8
Concen: 48.69 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01



Tgt Ion: 98 Resp: 636138
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

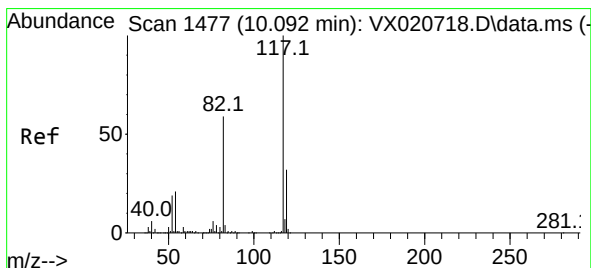
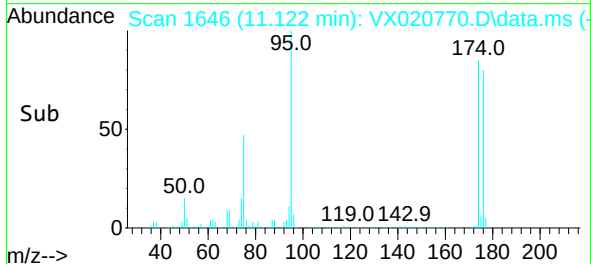
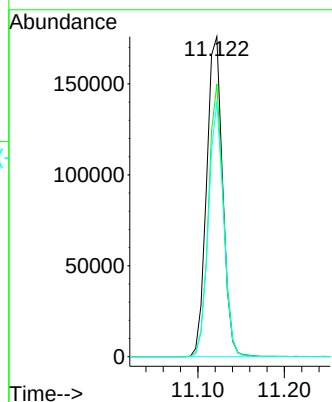
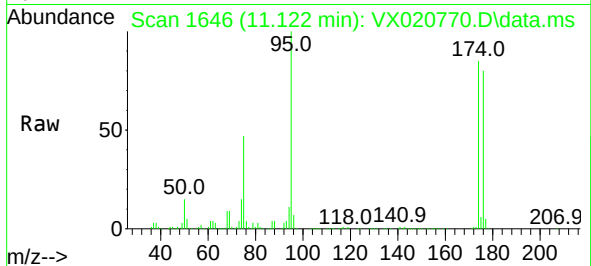




#62
4-Bromofluorobenzene
Concen: 44.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

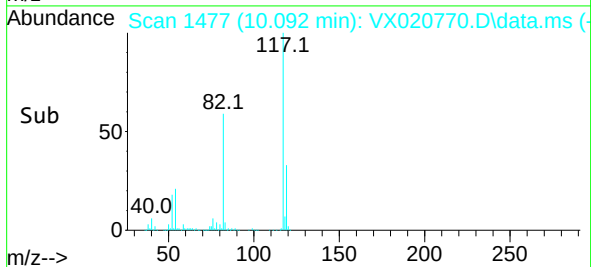
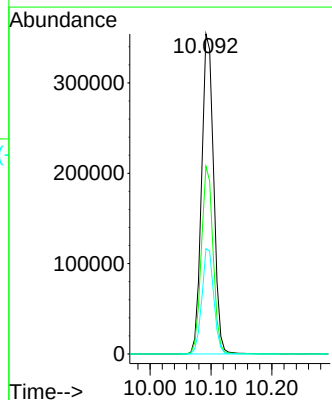
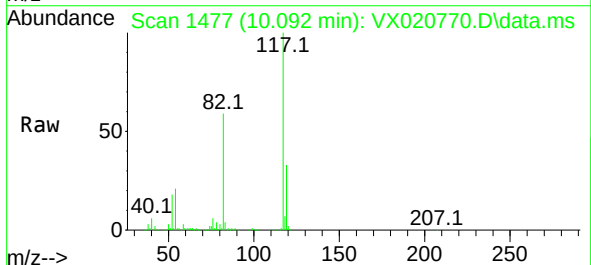
Instrument :
MSVOA_X
ClientSampleId :

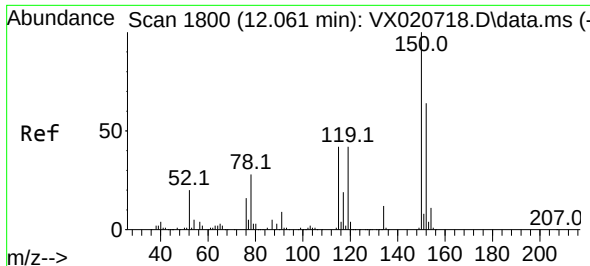
Tgt Ion: 95 Resp: 226394
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 75.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

Tgt Ion: 117 Resp: 487721
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.9 26.6 39.8

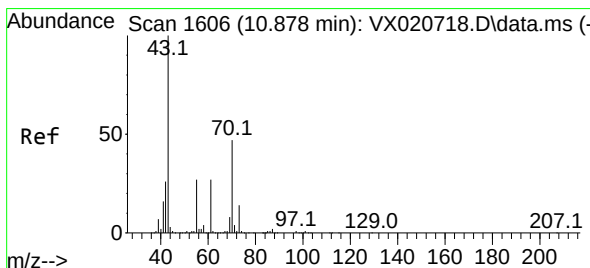
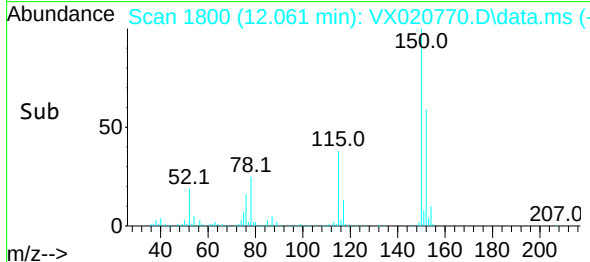
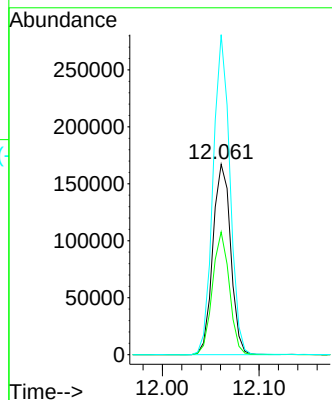
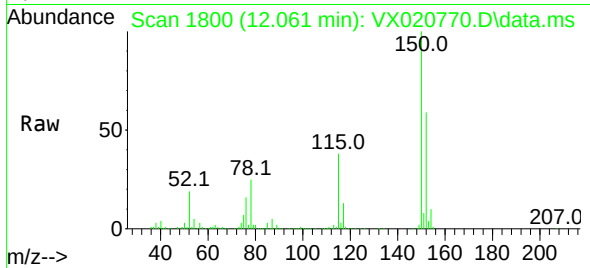




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

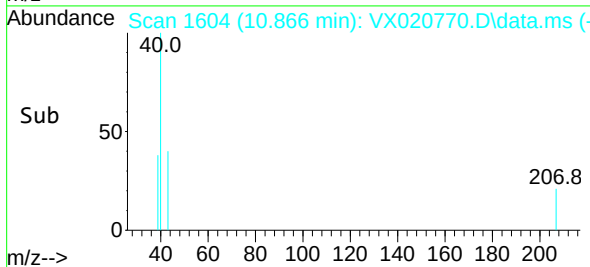
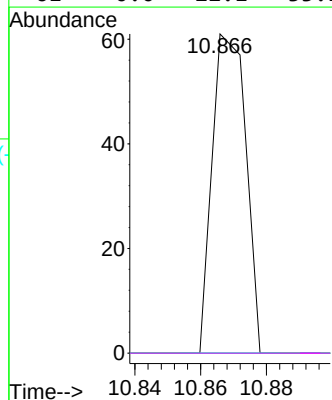
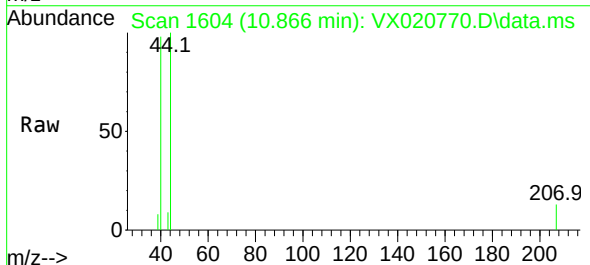
Instrument :
MSVOA_X
ClientSampleId :

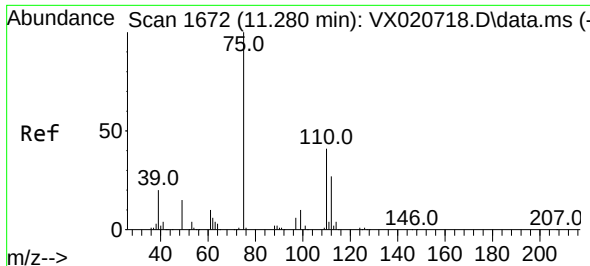
Tgt Ion:152 Resp: 214288
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 158.8 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.866 min Scan# 1604
Delta R.T. -0.012 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

Tgt Ion: 43 Resp: 43
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

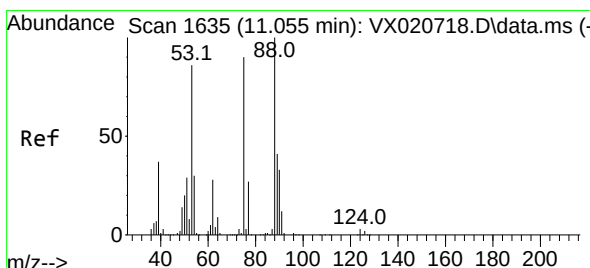
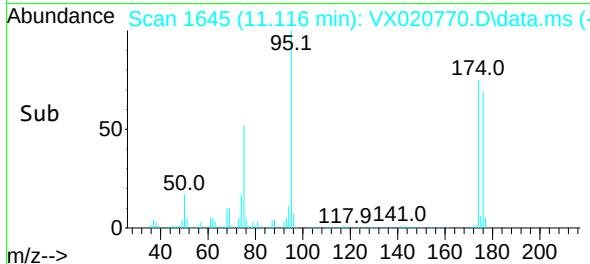
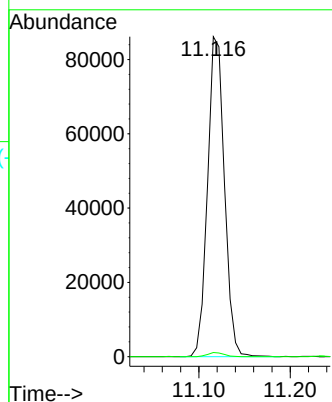
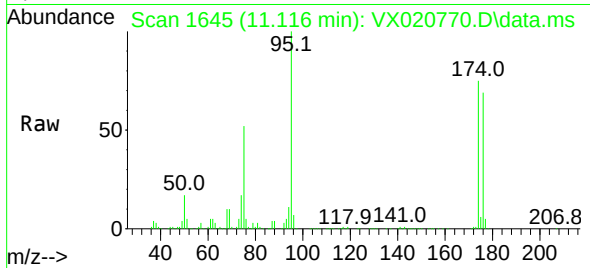




#76
1,2,3-Trichloropropane
Concen: 22.18 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

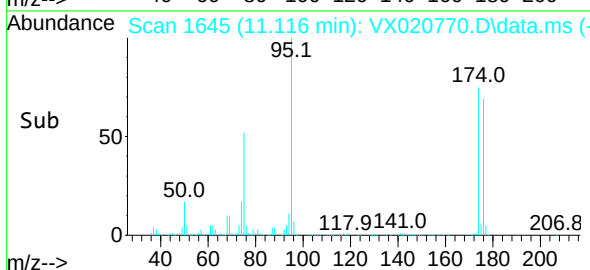
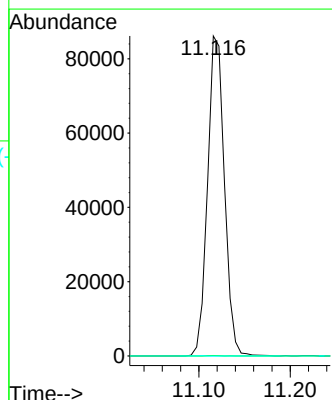
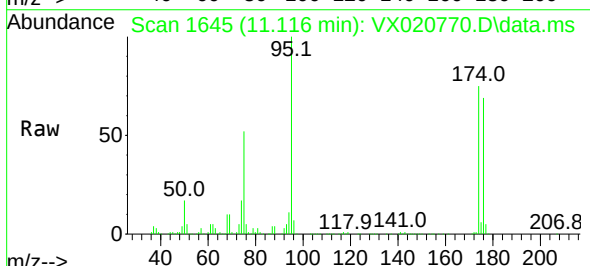
Instrument :
MSVOA_X
ClientSampleId :

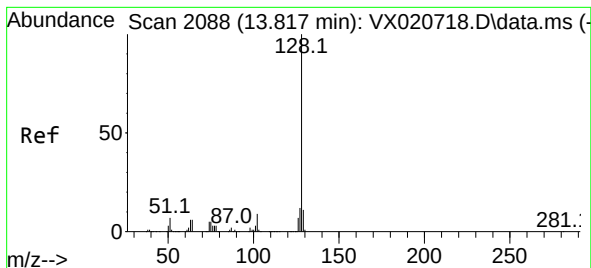
Tgt Ion: 75 Resp: 110233
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.15 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

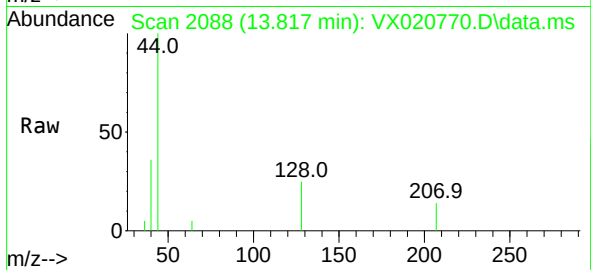
Tgt Ion: 75 Resp: 110233
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.89 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020770.D
Acq: 27 Jan 2021 15:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 320
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

