

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020766.D
 Acq On : 26 Jan 2021 20:12
 Operator : JC/SP
 Sample : M1189-19 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 27 01:00:19 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	347291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	600184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	594712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	287897	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	225393	47.58	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.16%
35) Dibromofluoromethane	5.464	113	192793	46.90	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.80%
50) Toluene-d8	8.695	98	742272	49.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.50%
62) 4-Bromofluorobenzene	11.122	95	301803	51.56	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.12%

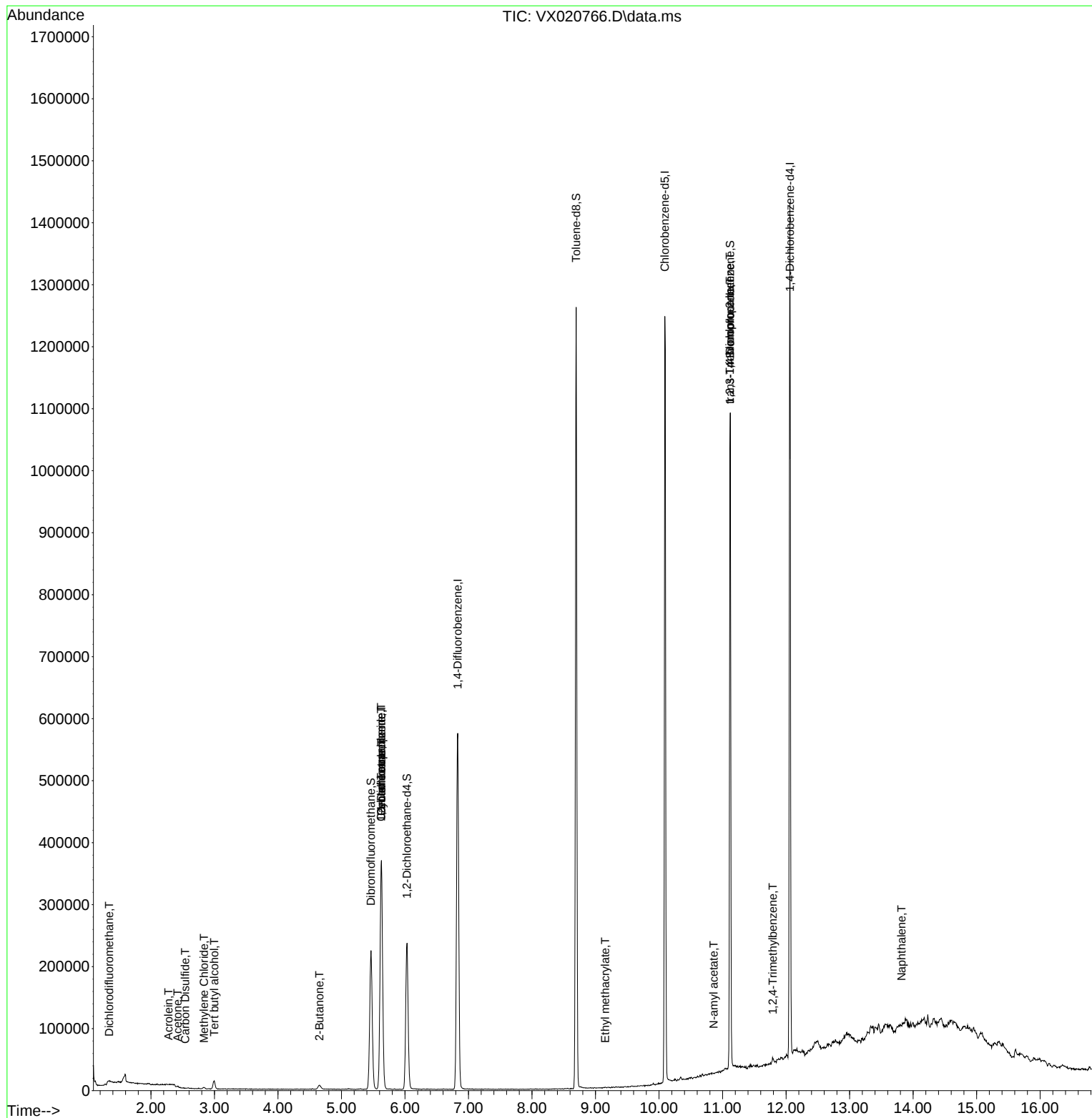
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.343	85	223	1.24	ug/l #	42
11) Tert butyl alcohol	2.995	59	8065	9.12	ug/l #	73
13) Acrolein	2.276	56	391	0.59	ug/l #	63
16) Acetone	2.416	43	2086	1.16	ug/l	94
17) Carbon Disulfide	2.538	76	383	0.94	ug/l #	75
20) Methylene Chloride	2.837	84	1302	0.29	ug/l #	70
25) 2-Butanone	4.654	43	984	0.35	ug/l #	80
31) Cyclohexane	5.629	56	6901	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	26322	4.37	ug/l #	49
38) Carbon Tetrachloride	5.623	117	35156	5.55	ug/l #	17
56) Ethyl methacrylate	9.153	69	53	2.79	ug/l #	1
74) N-amyl acetate	10.860	43	241	2.04	ug/l #	21
76) 1,2,3-Trichloropropane	11.116	75	144148	21.59	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.116	75	144148	60.50	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	3849	0.21	ug/l	95
95) Naphthalene	13.817	128	2385	2.97	ug/l #	31

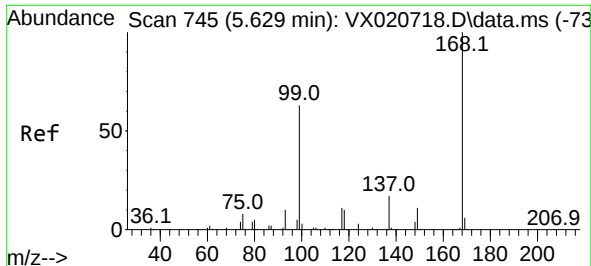
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

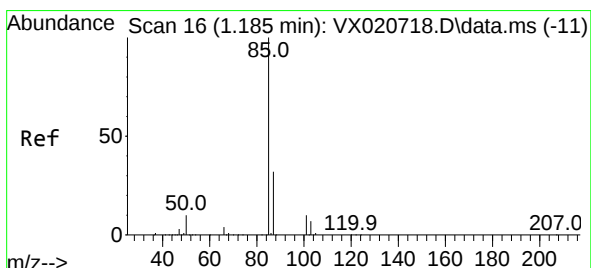
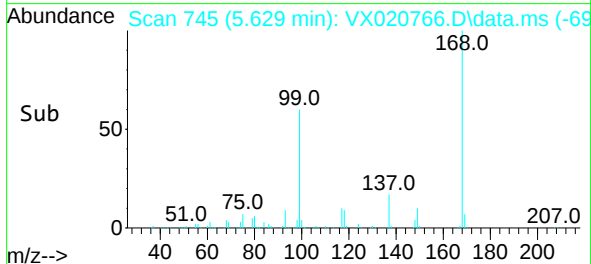
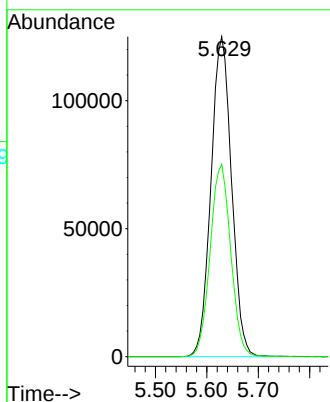
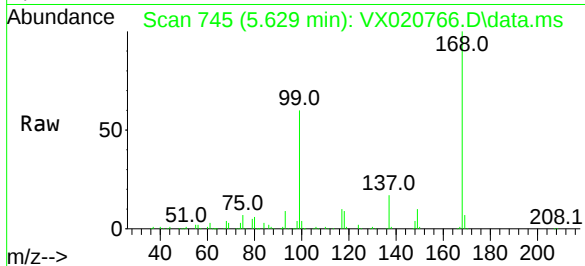




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

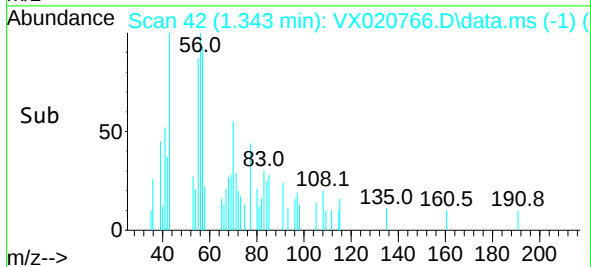
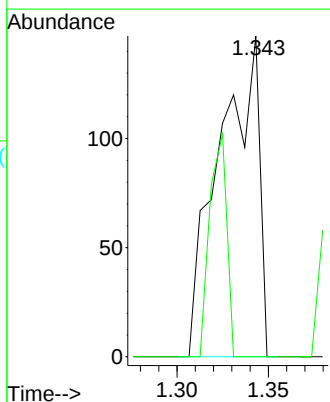
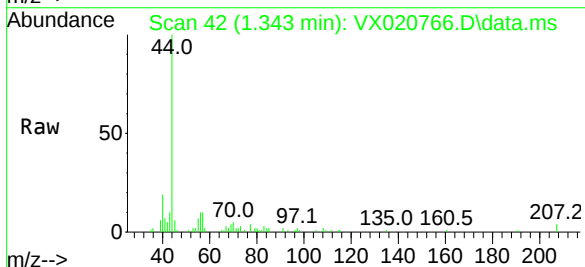
Instrument :
MSVOA_X
ClientSampleId :

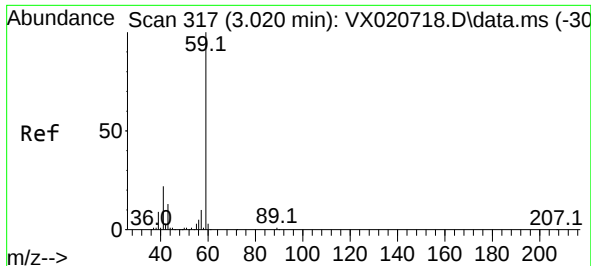
Tgt Ion:168 Resp: 347291
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.24 ug/l
RT: 1.343 min Scan# 42
Delta R.T. 0.158 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

Tgt Ion: 85 Resp: 223
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#





#11

Tert butyl alcohol

Concen: 9.12 ug/l

RT: 2.995 min Scan# 313

Delta R.T. -0.025 min

Lab File: VX020766.D

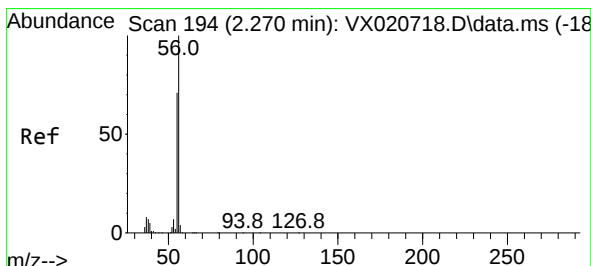
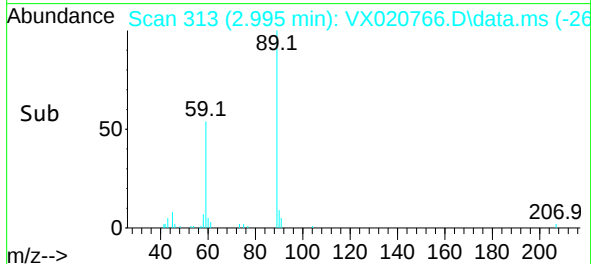
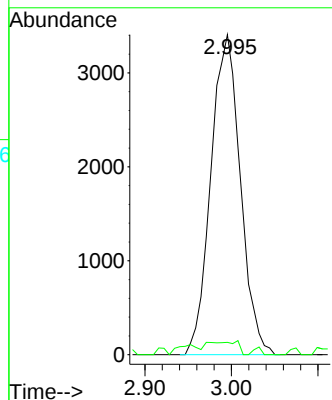
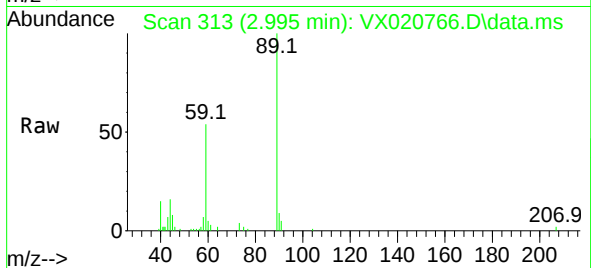
Acq: 26 Jan 2021 20:12

Tgt Ion: 59 Resp: 8065

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 0.59 ug/l

RT: 2.276 min Scan# 195

Delta R.T. 0.006 min

Lab File: VX020766.D

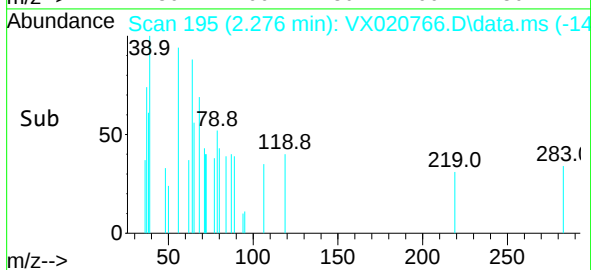
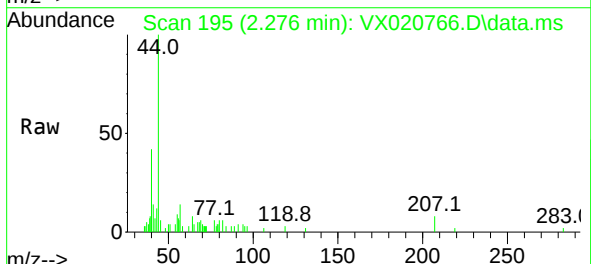
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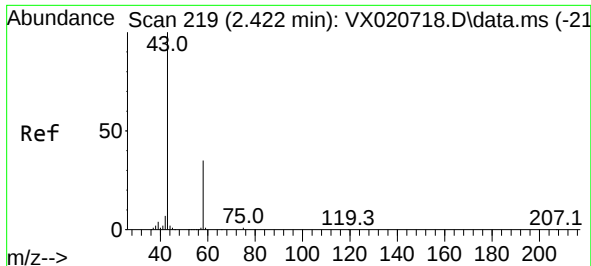
Tgt Ion: 56 Resp: 391

Ion Ratio Lower Upper

56 100

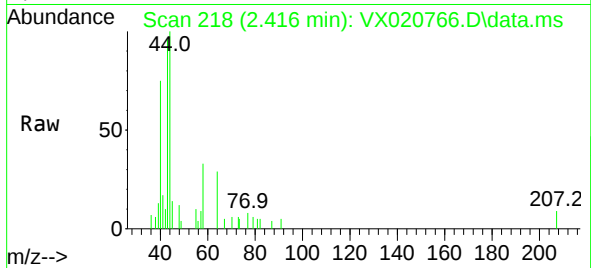
55 39.6 56.4 84.6#



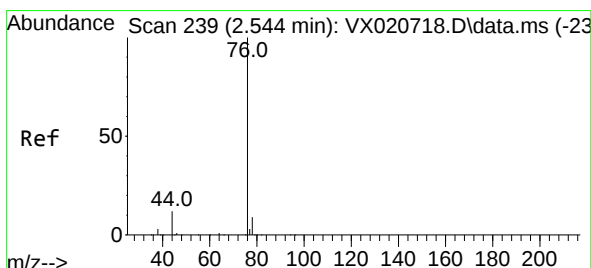
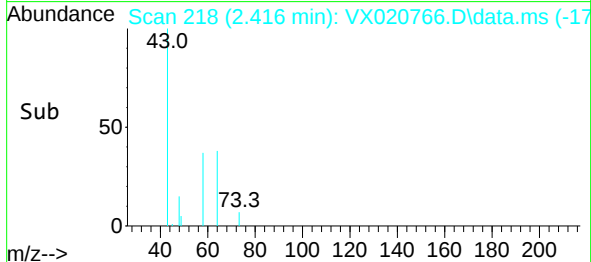
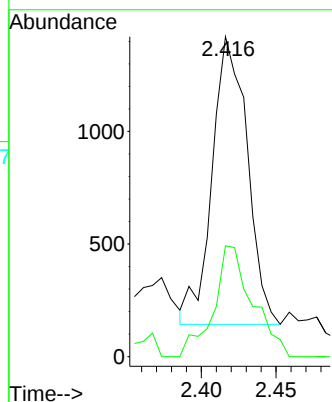


#16
Acetone
Concen: 1.16 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

Instrument :
MSVOA_X
ClientSampleId :

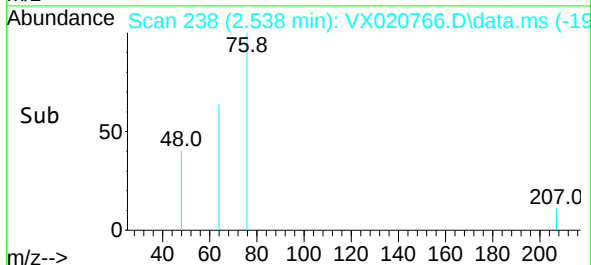
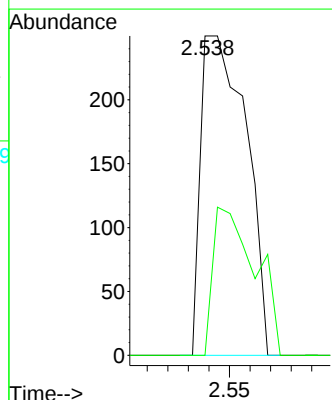
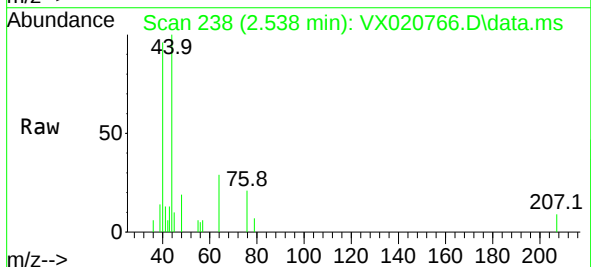


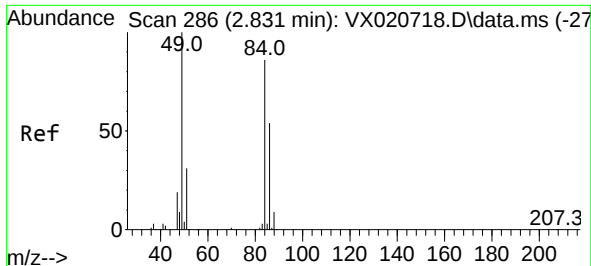
Tgt Ion: 43 Resp: 2086
Ion Ratio Lower Upper
43 100
58 38.5 27.8 41.8



#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.006 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

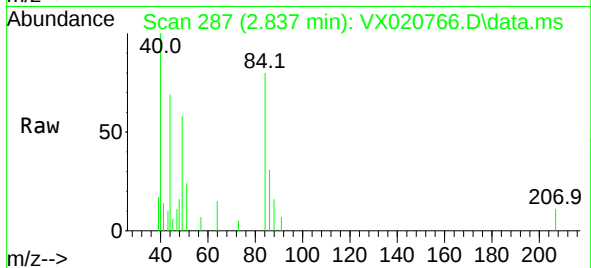
Tgt Ion: 76 Resp: 383
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



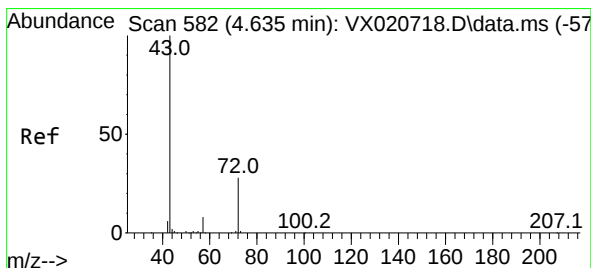
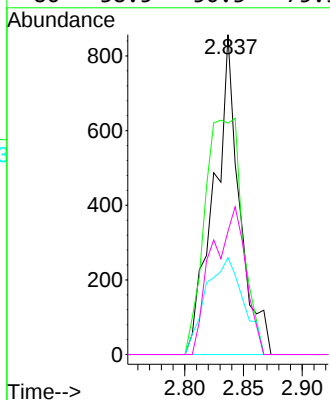
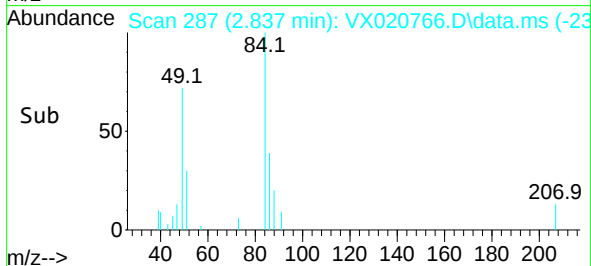


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

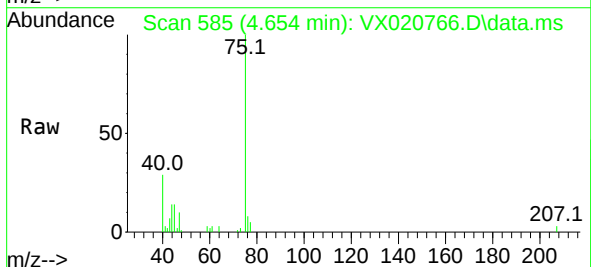
Instrument :
MSVOA_X
ClientSampled :



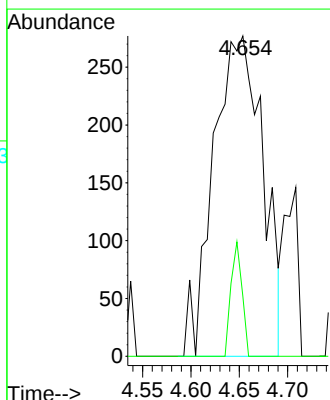
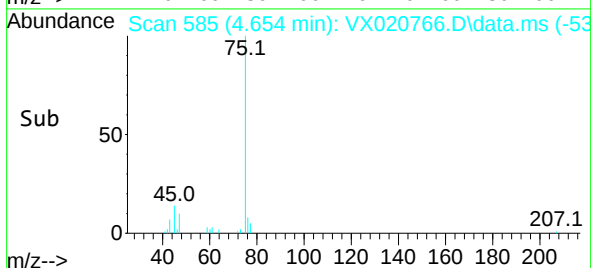
Tgt Ion:	84	Resp:	1302
Ion	Ratio	Lower	Upper
84	100		
49	72.3	88.6	132.8#
51	30.3	27.0	40.6
86	38.5	50.3	75.5#

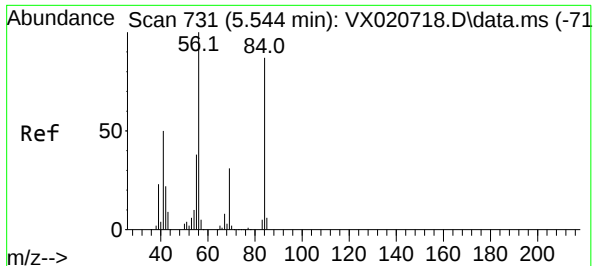


#25
2-Butanone
Concen: 0.35 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.019 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12



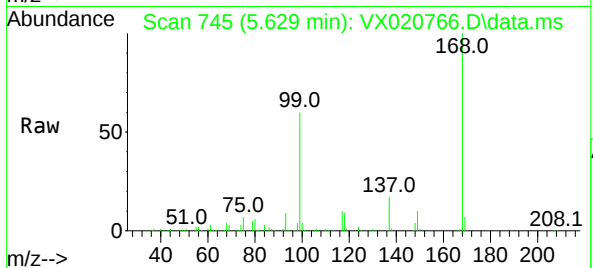
Tgt Ion:	43	Resp:	984
Ion	Ratio	Lower	Upper
43	100		
72	18.8	23.7	35.5#



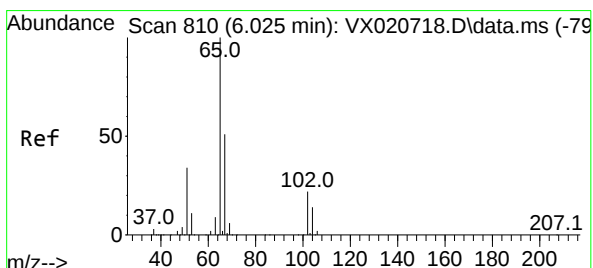
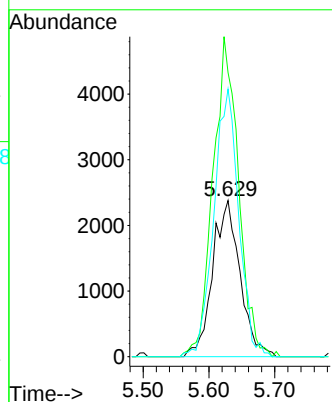
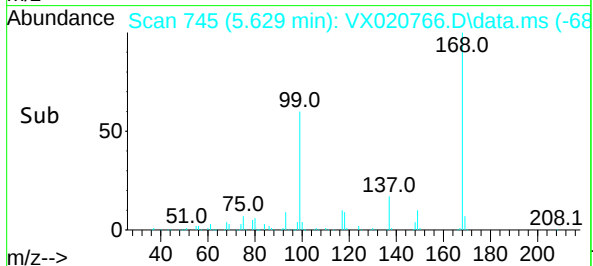


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

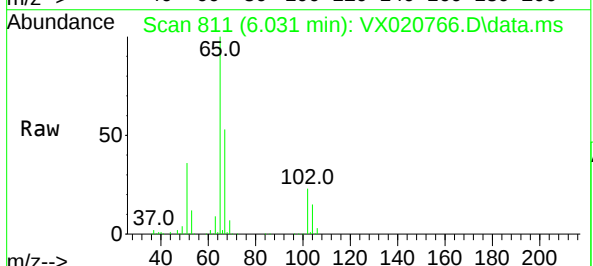
Instrument :
MSVOA_X
ClientSampleId :



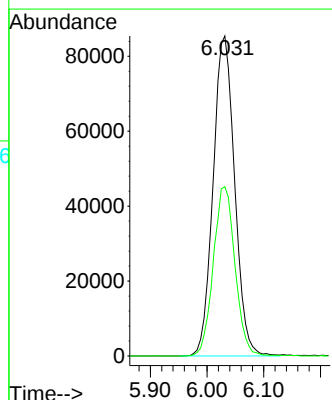
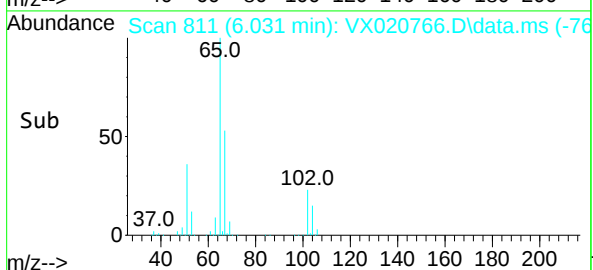
Tgt Ion: 56 Resp: 6901
Ion Ratio Lower Upper
56 100
69 182.0 25.3 37.9#
84 171.3 71.4 107.0#

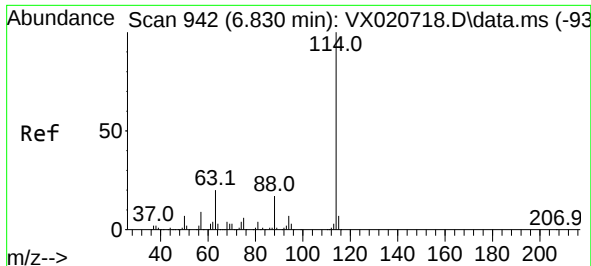


#33
1,2-Dichloroethane-d4
Concen: 47.58 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12



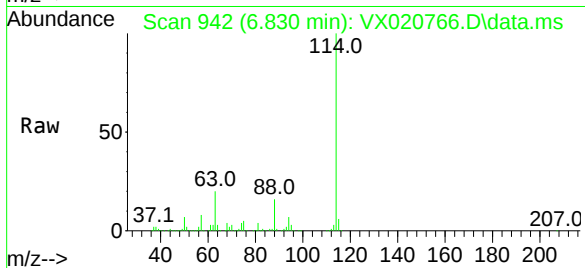
Tgt Ion: 65 Resp: 225393
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



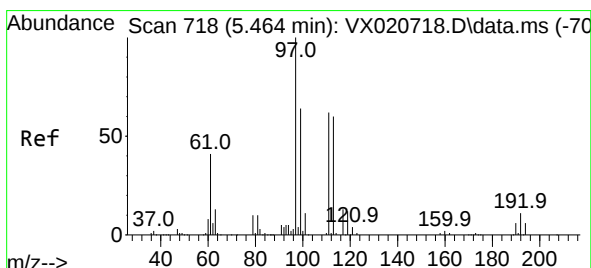
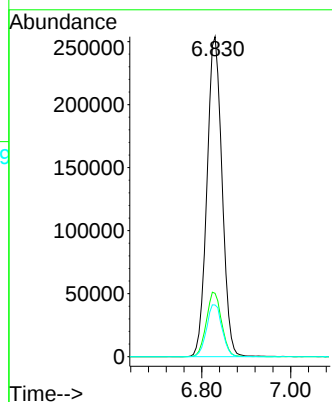
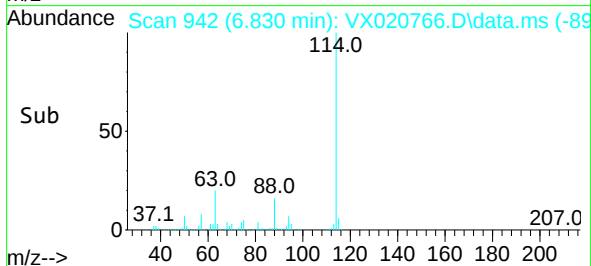


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

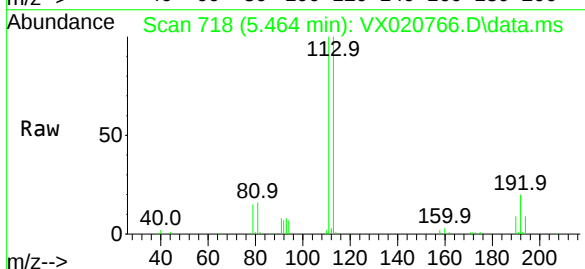
Instrument :
MSVOA_X
ClientSampled :



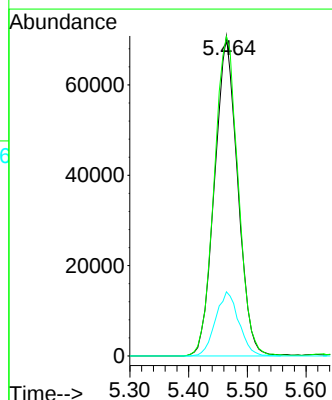
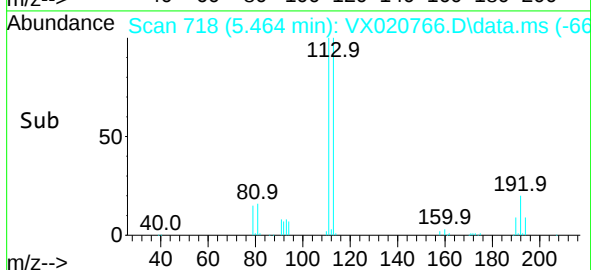
Tgt Ion:114 Resp: 600184
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 16.2 0.0 32.8

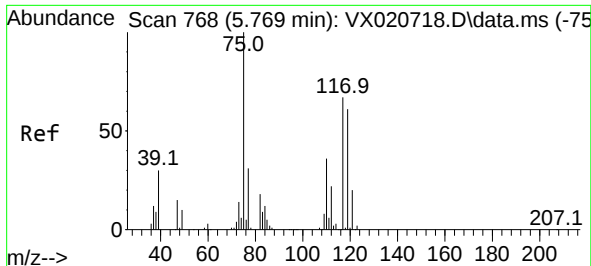


#35
Dibromofluoromethane
Concen: 46.90 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12



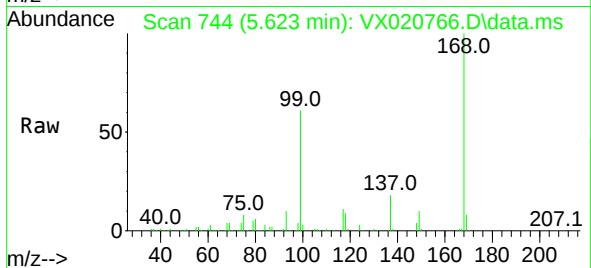
Tgt Ion:113 Resp: 192793
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 20.2 16.7 25.1



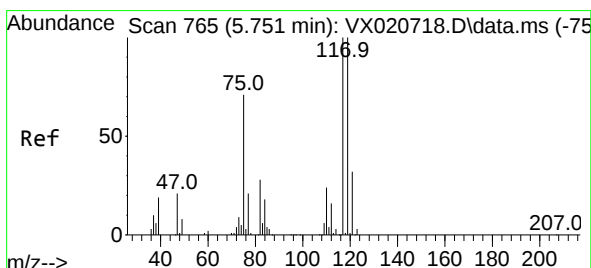
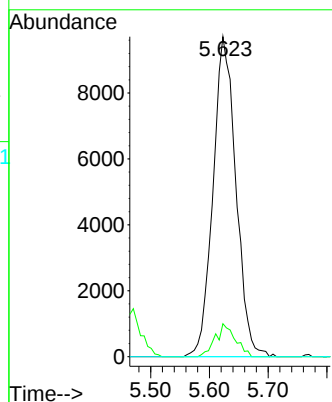
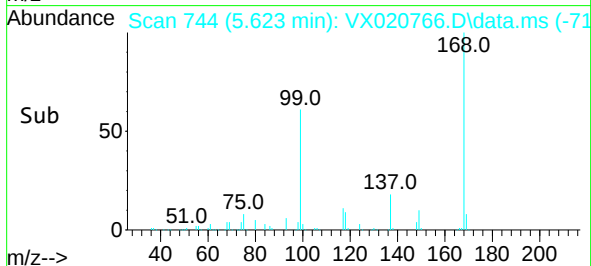


#36
1,1-Dichloropropene
Concen: 4.37 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

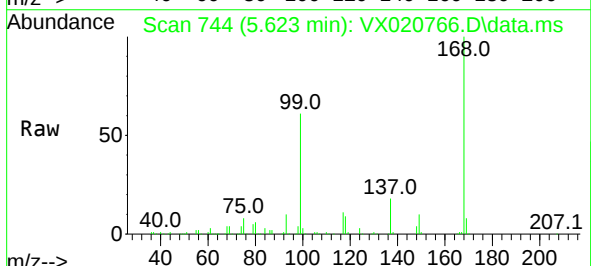
Instrument :
MSVOA_X
ClientSampled :



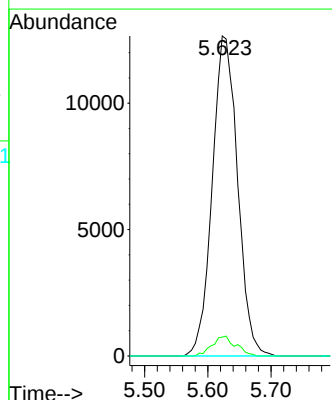
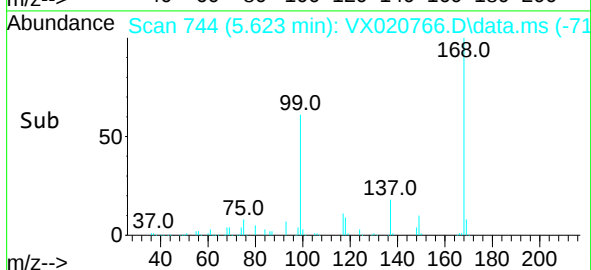
Tgt Ion: 75 Resp: 26322
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#

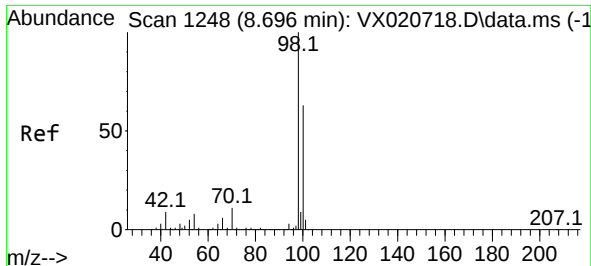


#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12



Tgt Ion: 117 Resp: 35156
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

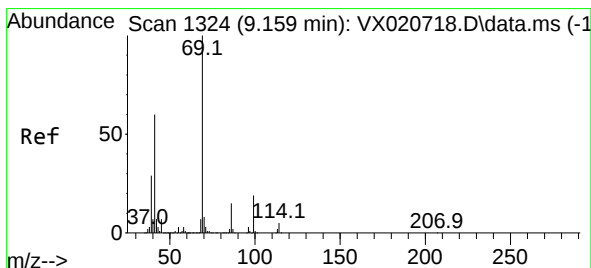
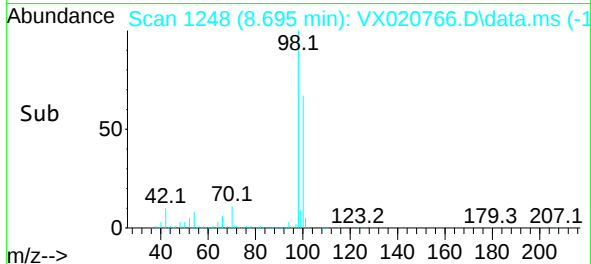
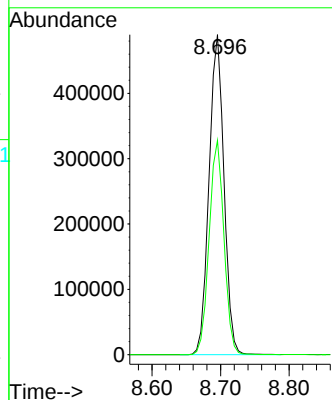
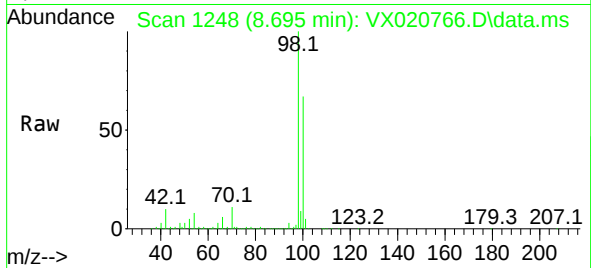




#50
Toluene-d8
Concen: 49.25 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

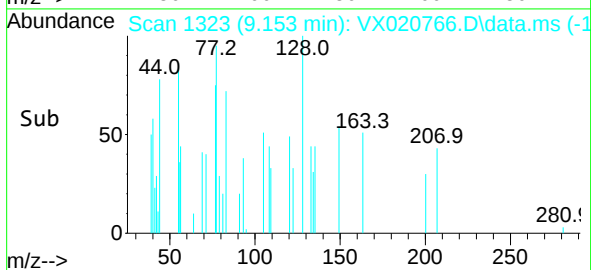
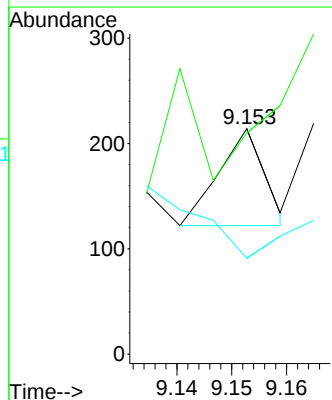
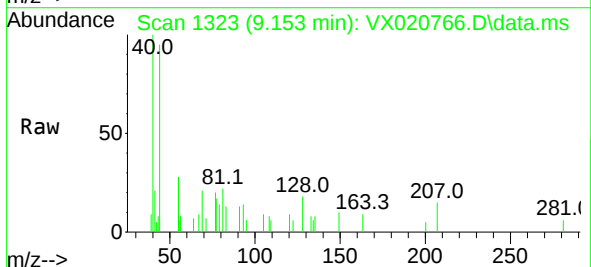
Instrument :
MSVOA_X
ClientSampled :

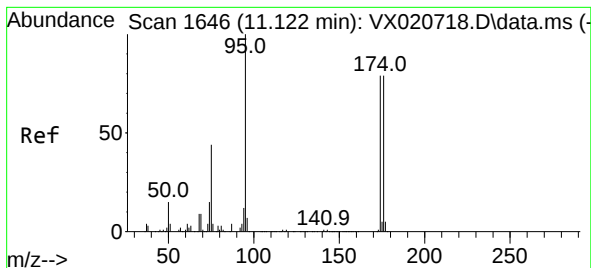
Tgt Ion: 98 Resp: 742272
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

Tgt Ion: 69 Resp: 53
Ion Ratio Lower Upper
69 100
41 354.7 46.8 70.2#
39 0.0 24.7 37.1#

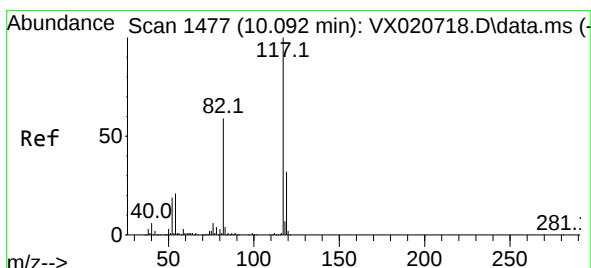
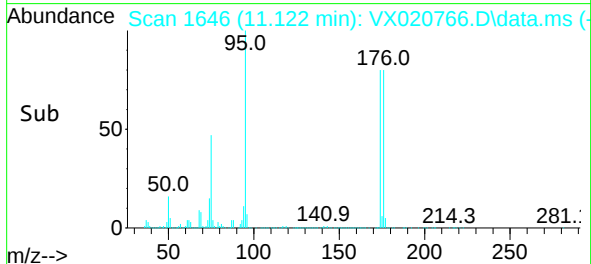
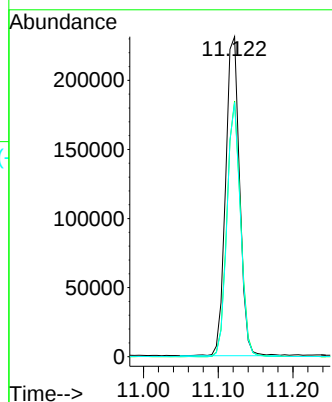
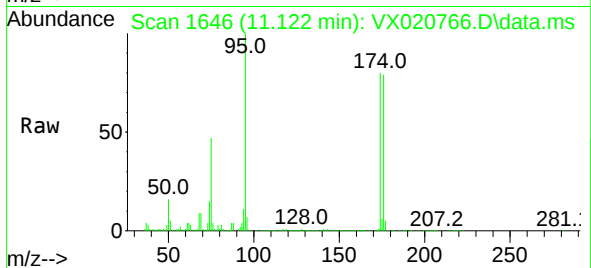




#62
4-Bromofluorobenzene
Concen: 51.56 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

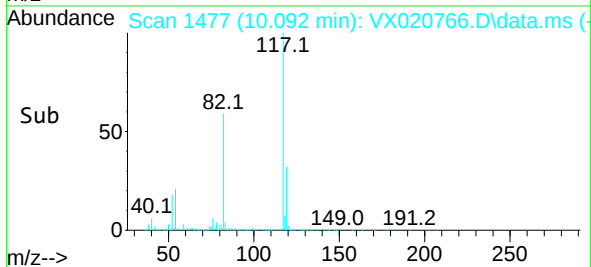
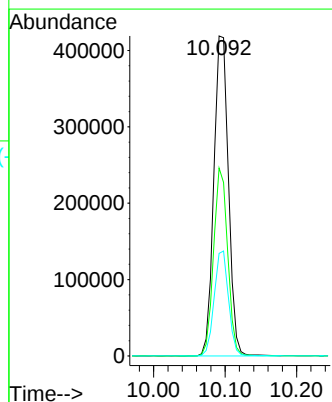
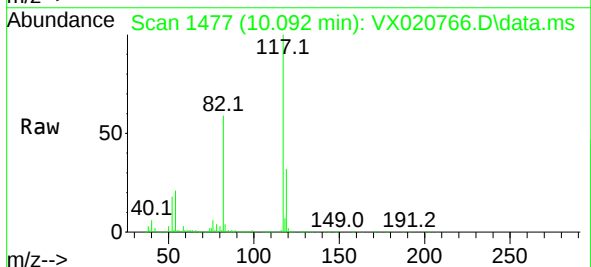
Instrument :
MSVOA_X
ClientSampled :

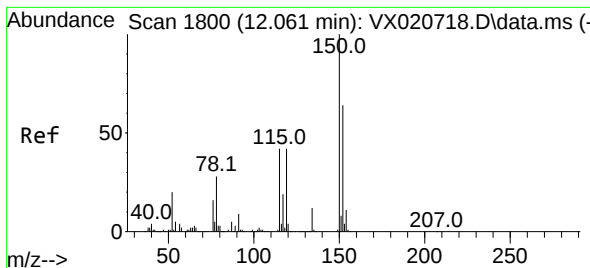
Tgt Ion: 95 Resp: 301803
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 76.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

Tgt Ion: 117 Resp: 594712
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.0 26.6 39.8

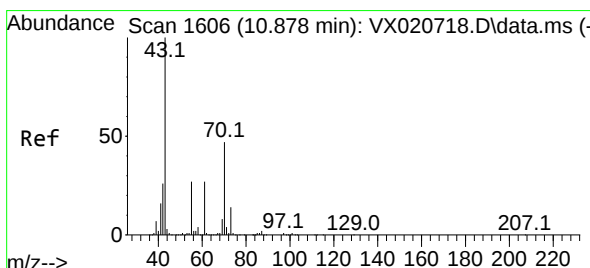
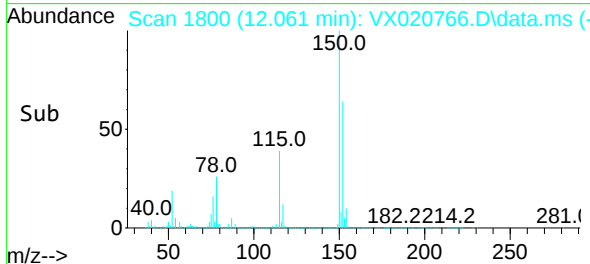
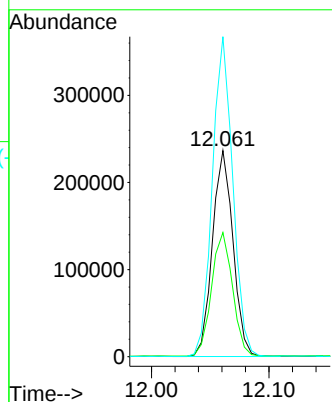
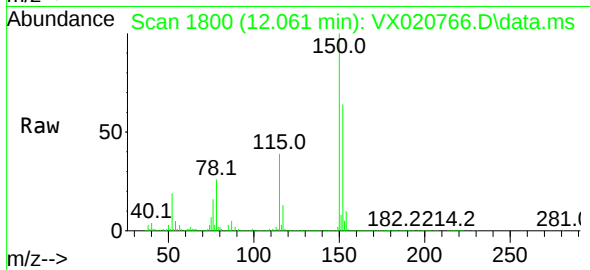




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

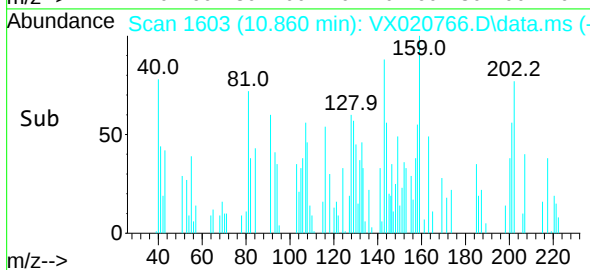
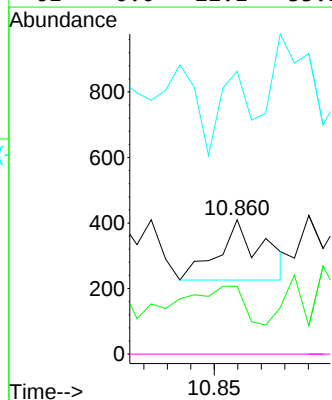
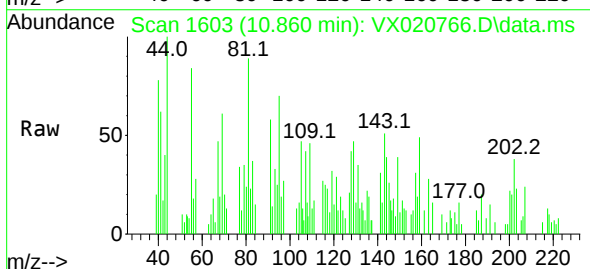
Instrument :
MSVOA_X
ClientSampleId :

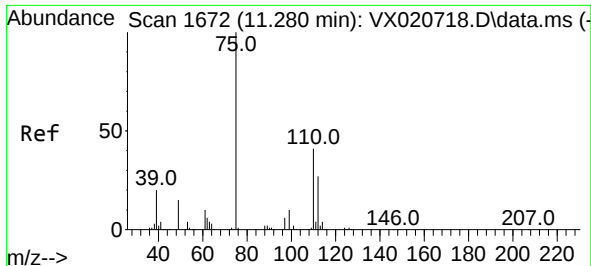
Tgt Ion:152 Resp: 287897
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 154.3 0.0 349.0



#74
N-ethyl acetate
Concen: 2.04 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. -0.018 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
70 99.2 39.0 58.6#
55 86.7 21.5 32.3#
61 0.0 22.1 33.1#

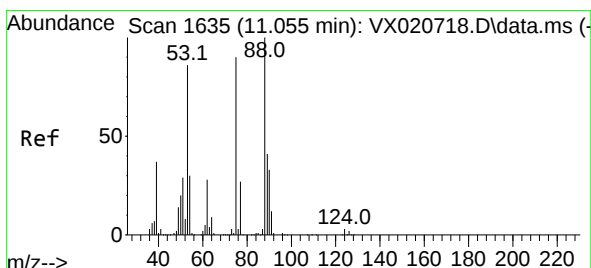
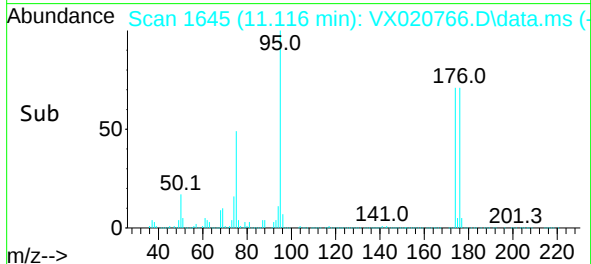
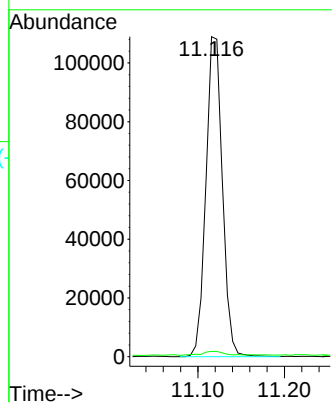
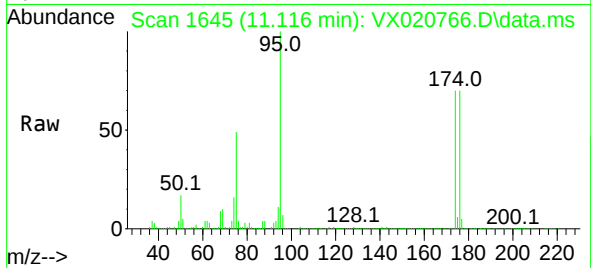




#76
1,2,3-Trichloropropane
Concen: 21.59 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

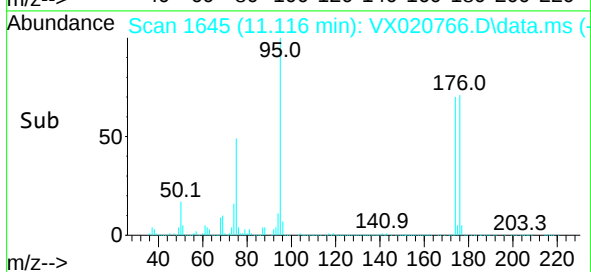
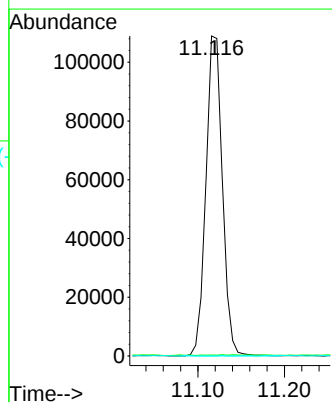
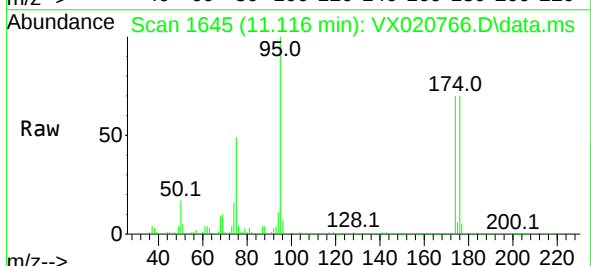
Instrument :
MSVOA_X
ClientSampled :

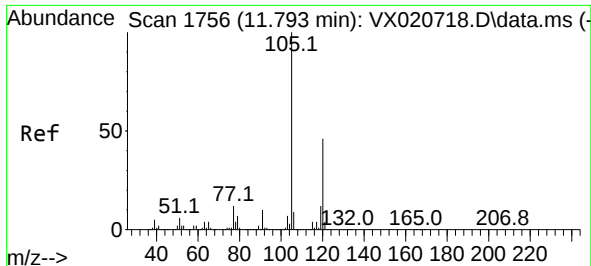
Tgt Ion: 75 Resp: 144148
Ion Ratio Lower Upper
75 100
77 1.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.50 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

Tgt Ion: 75 Resp: 144148
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

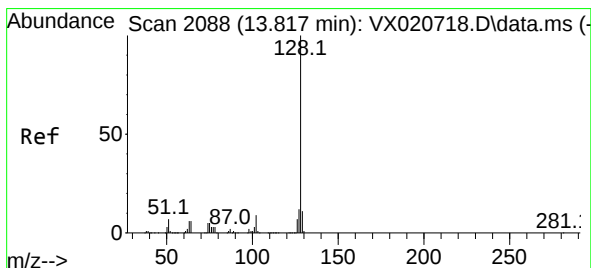
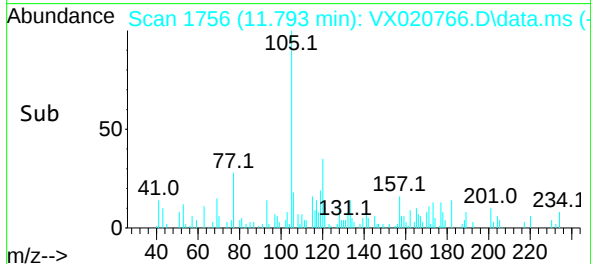
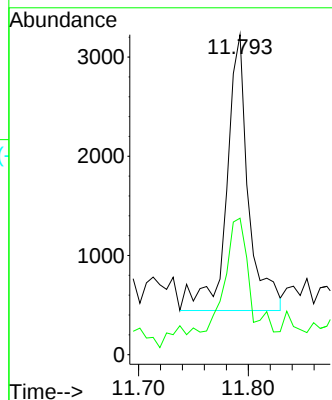
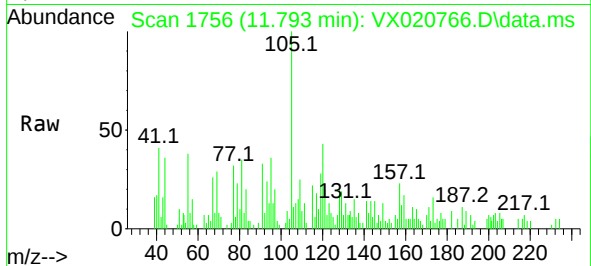




#84
1,2,4-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 3849
Ion Ratio Lower Upper
105 100
120 47.9 22.4 67.3



#95
Naphthalene
Concen: 2.97 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020766.D
Acq: 26 Jan 2021 20:12

Tgt Ion:128 Resp: 2385
Ion Ratio Lower Upper
128 100
127 40.8 10.3 15.5#
129 36.5 8.8 13.2#

