

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020762.D
 Acq On : 26 Jan 2021 18:38
 Operator : JC/SP
 Sample : M1217-18 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 27 00:58:51 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	367061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	634569	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	621339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	276811	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	240006	47.94	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.88%
35) Dibromofluoromethane	5.464	113	141993	32.67	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	65.34%#
50) Toluene-d8	8.696	98	787374	49.41	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.82%
62) 4-Bromofluorobenzene	11.122	95	273462	44.19	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.38%

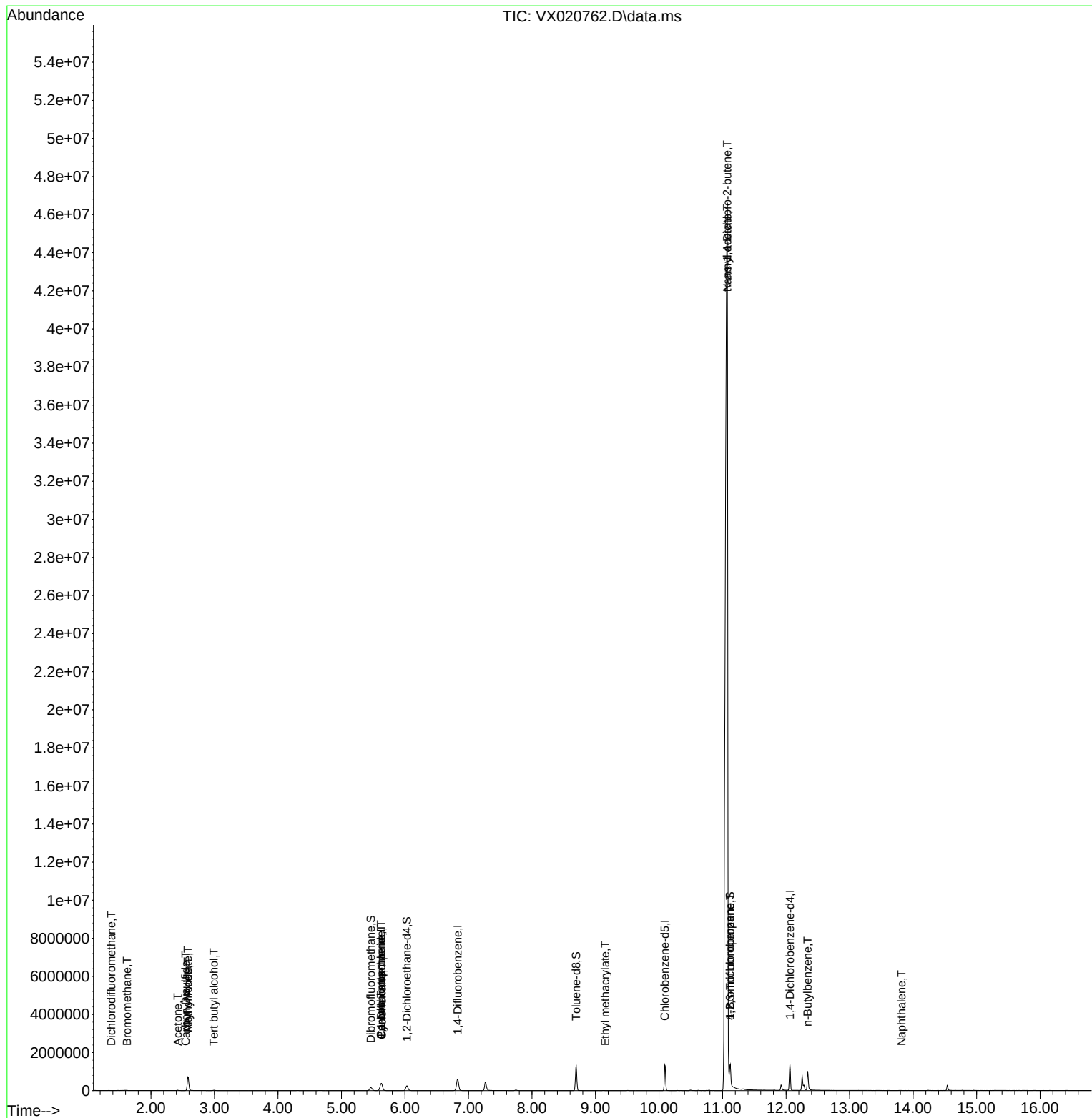
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.374	85	45	1.21	ug/l #	42
5) Bromomethane	1.624	94	552	0.22	ug/l #	69
11) Tert butyl alcohol	2.989	59	12045	12.89	ug/l #	77
14) Allyl chloride	2.581	41	66394	10.11	ug/l #	66
16) Acetone	2.422	43	23340	12.30	ug/l	97
17) Carbon Disulfide	2.544	76	497	0.94	ug/l #	75
18) Methyl Acetate	2.581	43	174457	35.97	ug/l #	47
31) Cyclohexane	5.635	56	6986	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	28035	4.40	ug/l #	49
38) Carbon Tetrachloride	5.623	117	38121	5.69	ug/l #	16
56) Ethyl methacrylate	9.153	69	65	2.79	ug/l #	29
74) N-amyl acetate	11.073	43	3329479	381.50	ug/l #	26
76) 1,2,3-Trichloropropane	11.122	75	176139	27.44	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.073	75	4613799	2013.85	ug/l #	22
89) n-Butylbenzene	12.341	91	7930	0.50	ug/l #	47
95) Naphthalene	13.817	128	1314	2.93	ug/l #	94

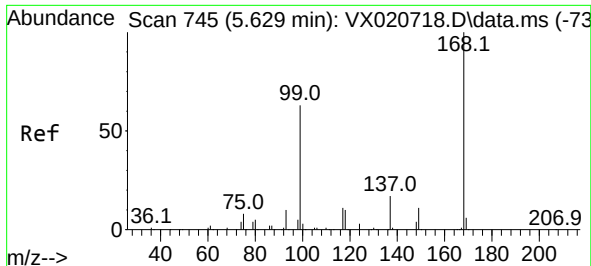
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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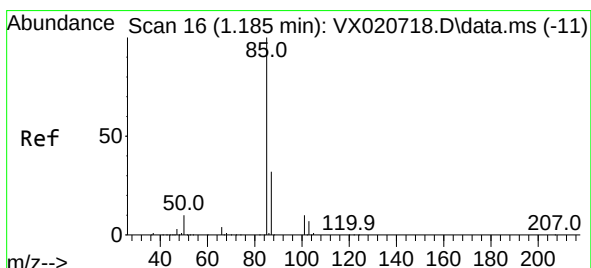
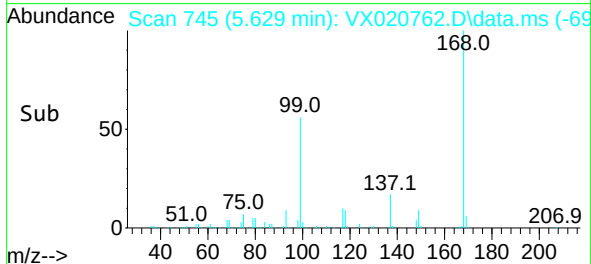
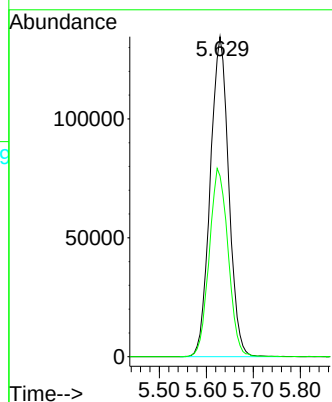
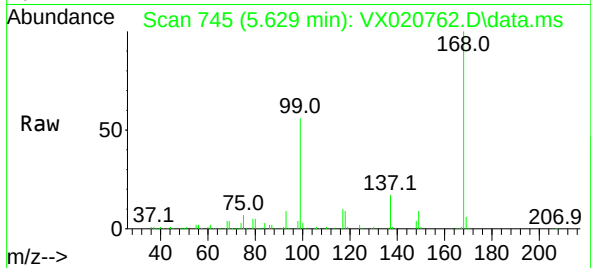




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

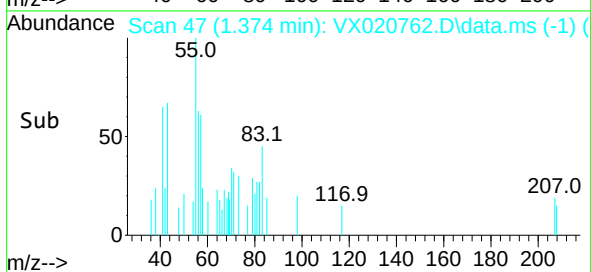
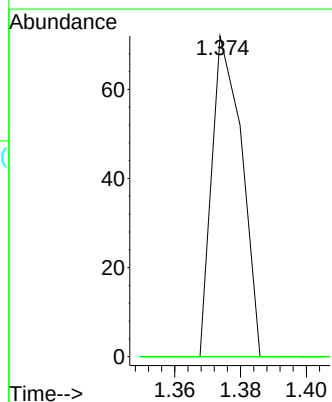
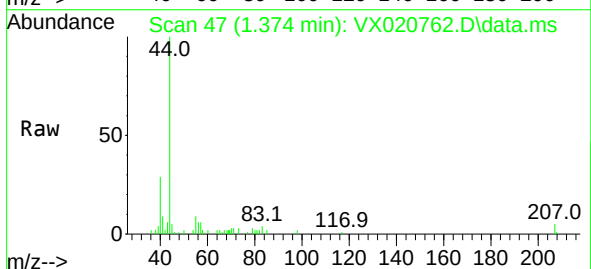
Instrument :
MSVOA_X
ClientSampled :

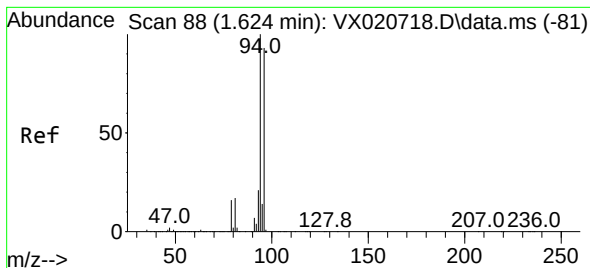
Tgt Ion:168 Resp: 367061
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.21 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.189 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

Tgt Ion: 85 Resp: 45
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

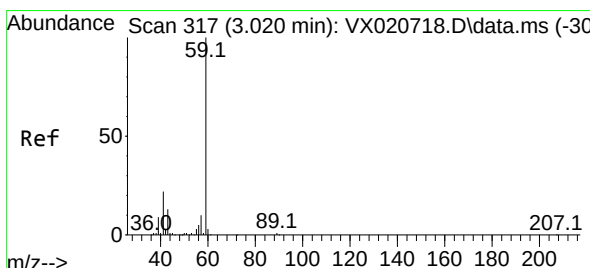
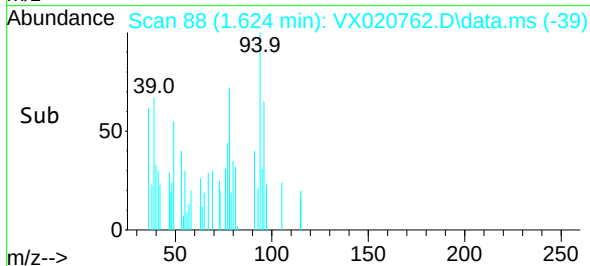
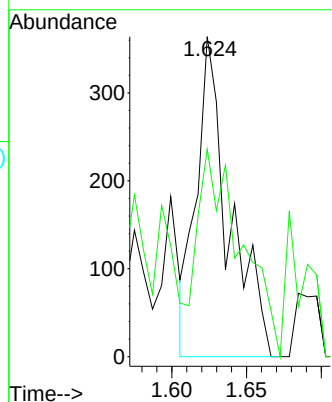
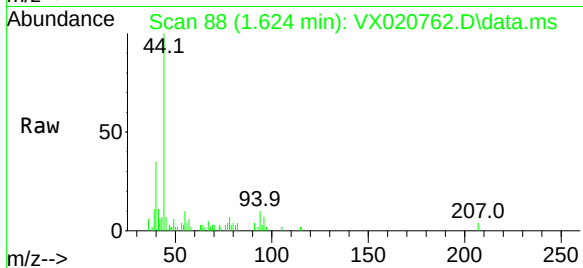




#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

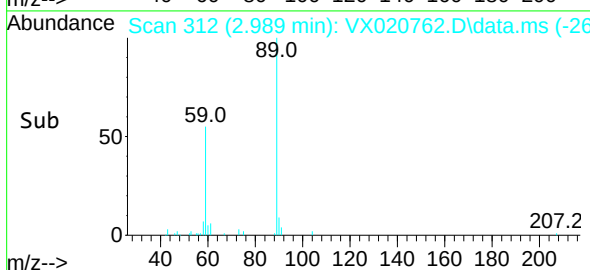
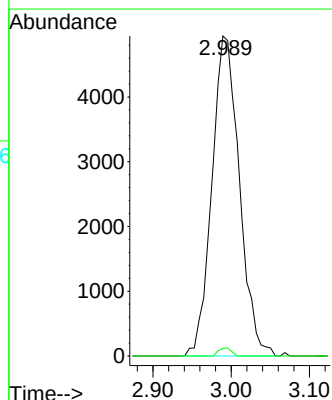
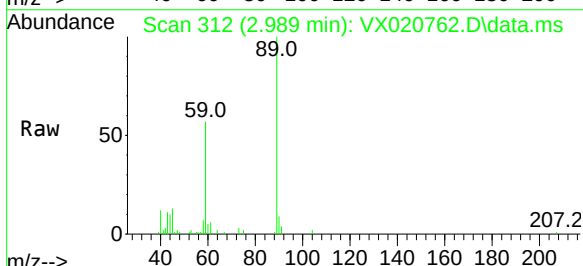
Instrument :
MSVOA_X
ClientSampleId :

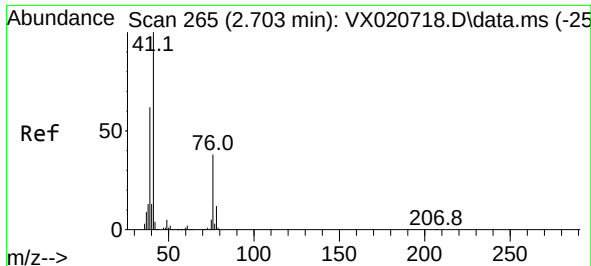
Tgt Ion: 94 Resp: 552
Ion Ratio Lower Upper
94 100
96 64.8 76.4 114.6#



#11
Tert butyl alcohol
Concen: 12.89 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

Tgt Ion: 59 Resp: 12045
Ion Ratio Lower Upper
59 100
57 1.2 7.8 11.8#





#14

Allyl chloride

Concen: 10.11 ug/l

RT: 2.581 min Scan# 245

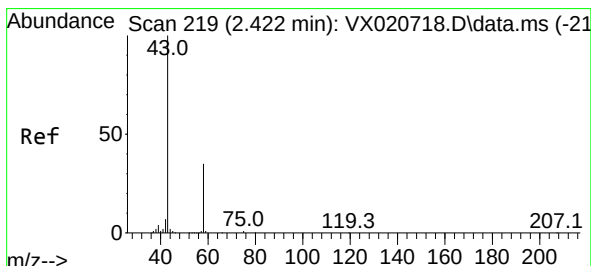
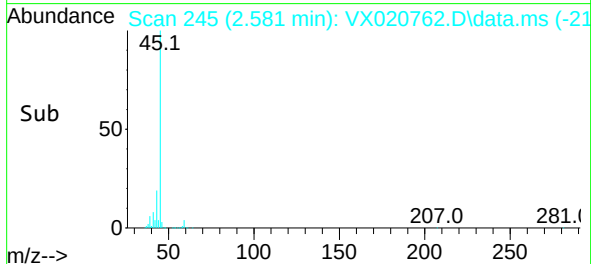
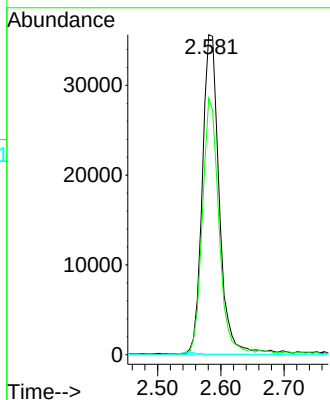
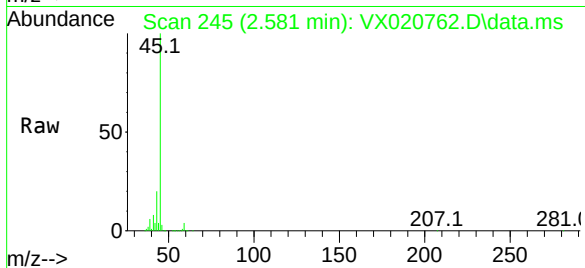
Delta R.T. -0.122 min

Lab File: VX020762.D

Acq: 26 Jan 2021 18:38

Tgt Ion:	41	Resp:	66394
Ion	Ratio	Lower	Upper
41	100		
39	77.6	51.6	77.4#
76	0.0	30.5	45.7#

Instrument :
MSVOA_X
ClientSampled :



#16

Acetone

Concen: 12.30 ug/l

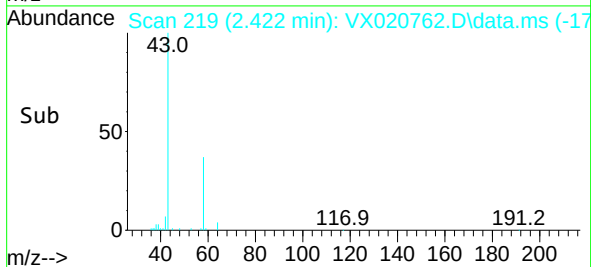
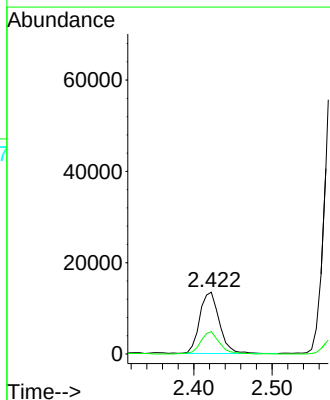
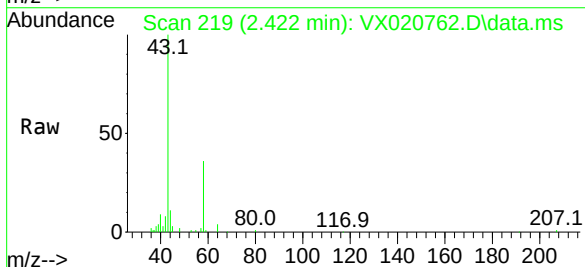
RT: 2.422 min Scan# 219

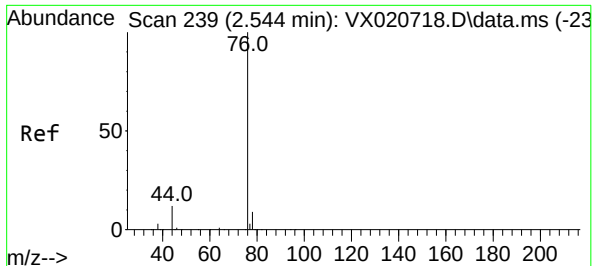
Delta R.T. 0.000 min

Lab File: VX020762.D

Acq: 26 Jan 2021 18:38

Tgt Ion:	43	Resp:	23340
Ion	Ratio	Lower	Upper
43	100		
58	36.6	27.8	41.8

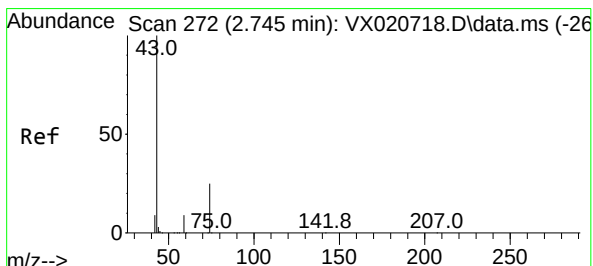
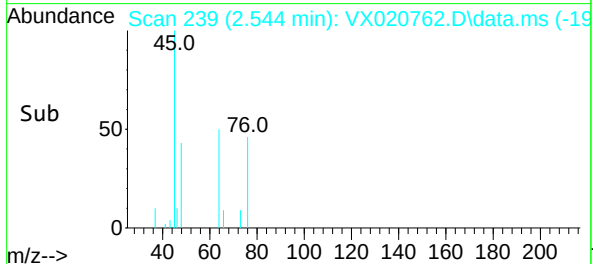
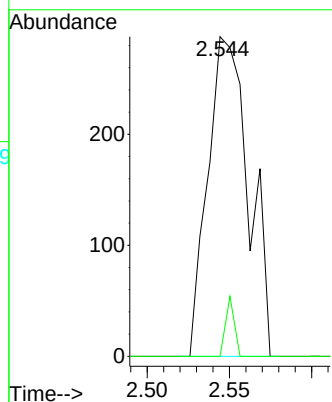
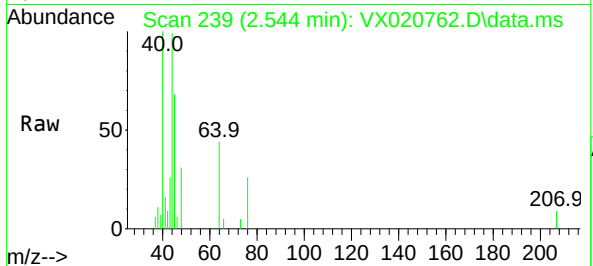




#17
Carbon Disulfide
Concen: 0.94 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

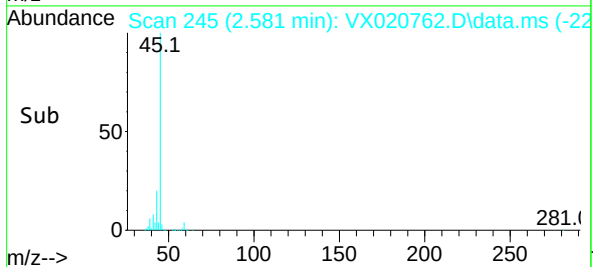
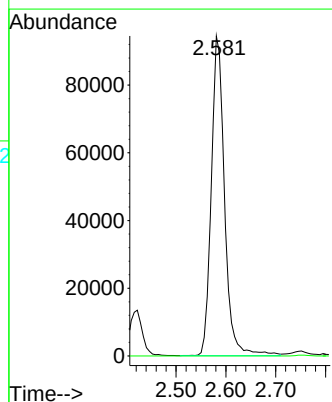
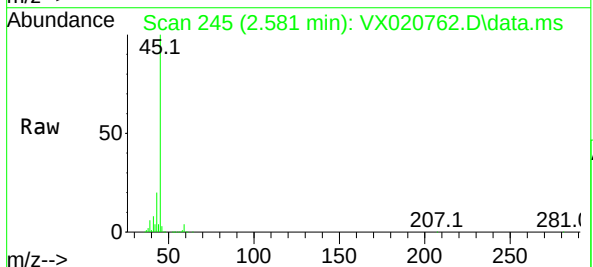
Instrument :
MSVOA_X
ClientSampled :

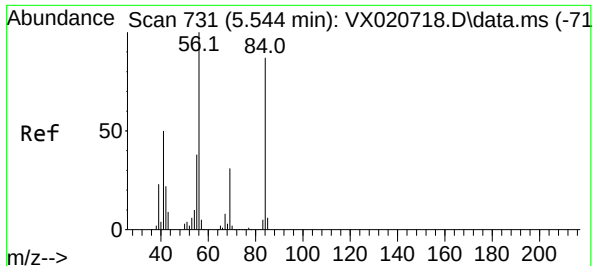
Tgt Ion: 76 Resp: 497
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 35.97 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.164 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

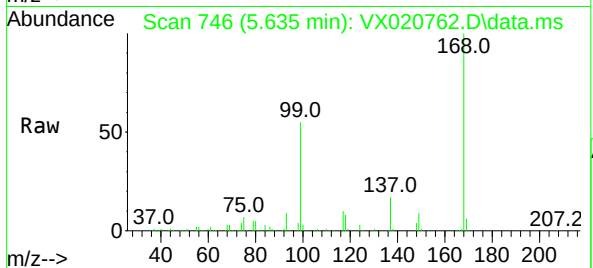
Tgt Ion: 43 Resp: 174457
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



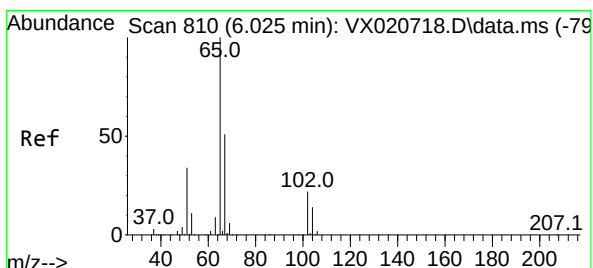
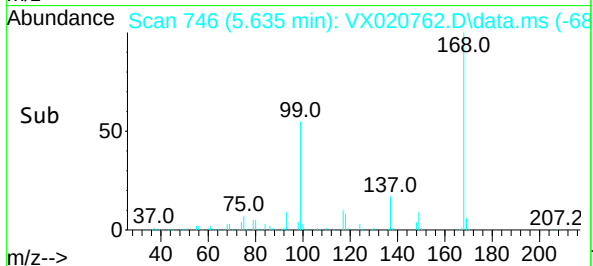
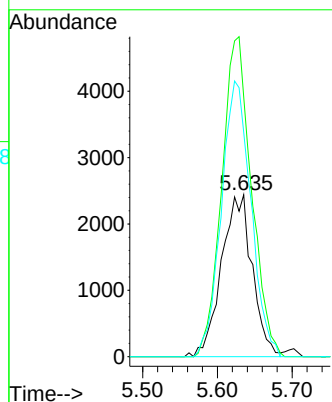


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.091 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

Instrument :
MSVOA_X
ClientSampleId :

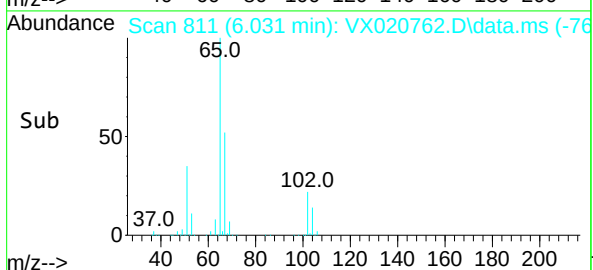
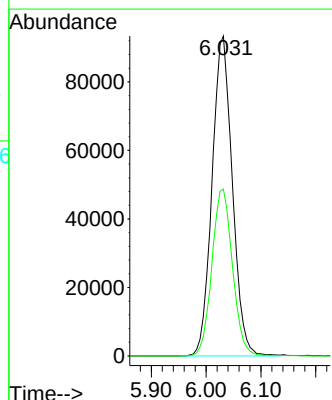
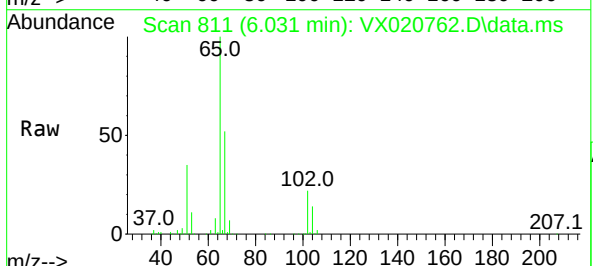


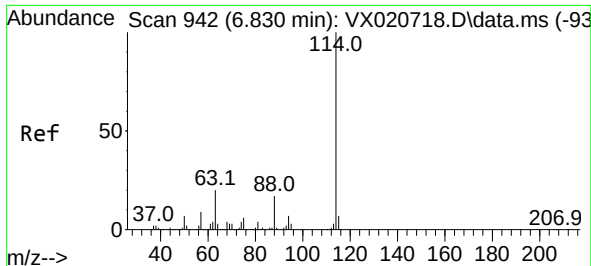
Tgt Ion: 56 Resp: 6986
Ion Ratio Lower Upper
56 100
69 160.3 25.3 37.9#
84 138.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.94 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

Tgt Ion: 65 Resp: 240006
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

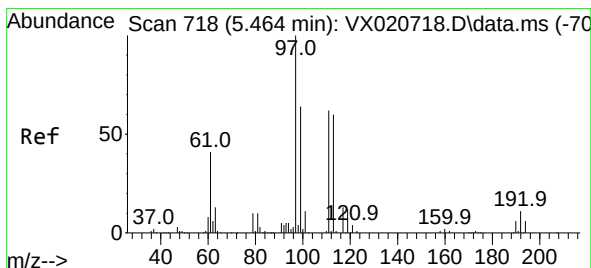
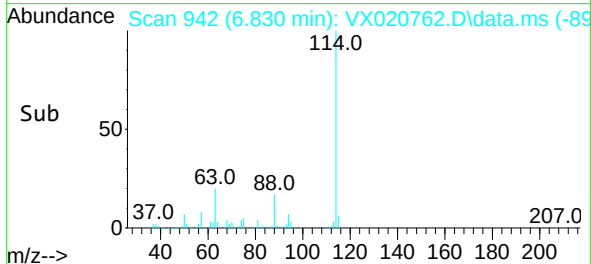
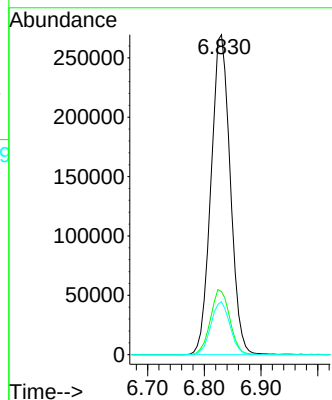
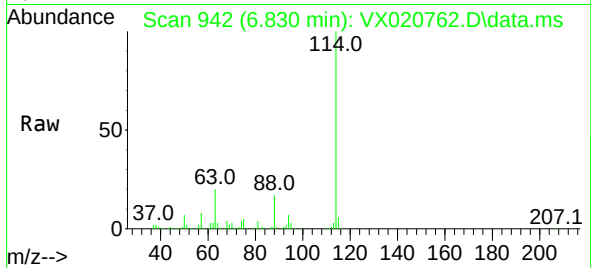




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

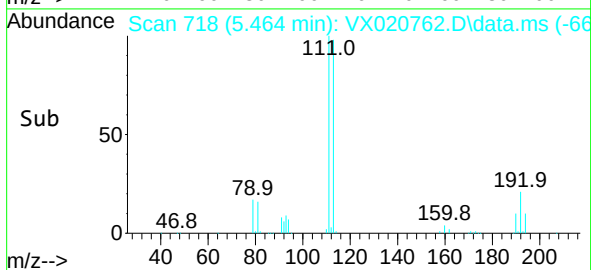
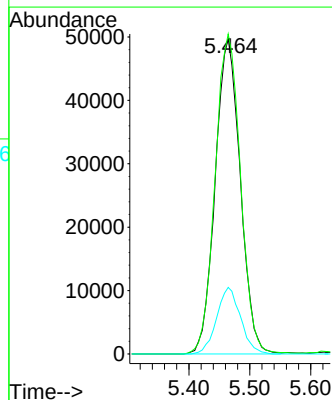
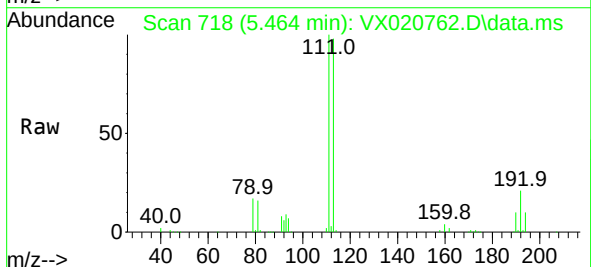
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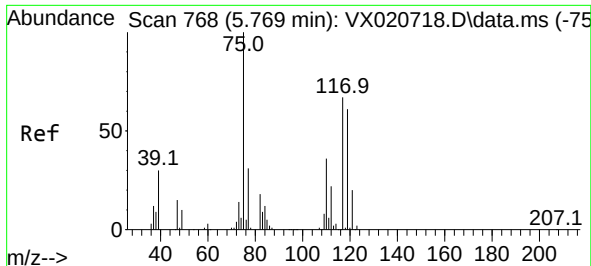
Tgt Ion:114 Resp: 634569
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 32.67 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

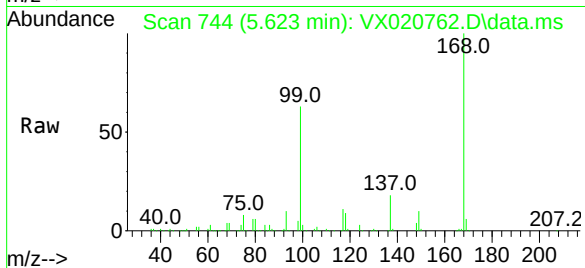
Tgt Ion:113 Resp: 141993
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 20.1 16.7 25.1



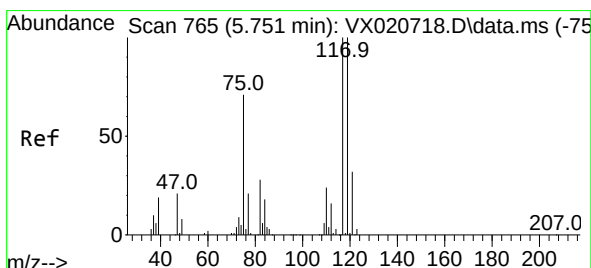
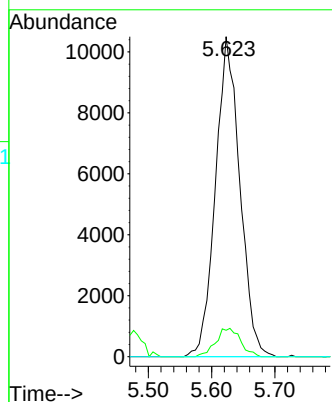
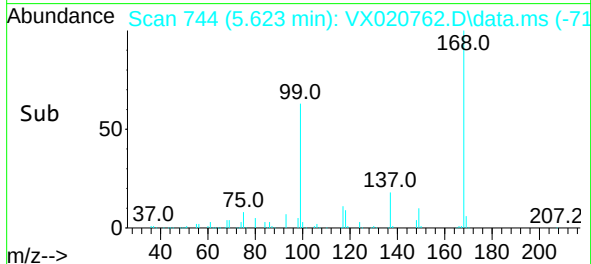


#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

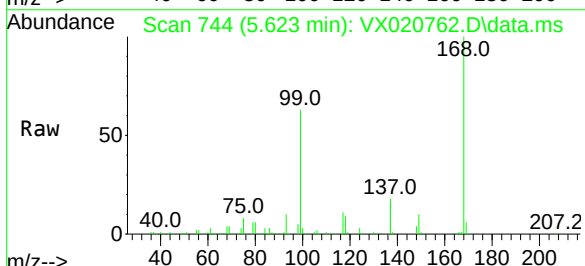
Instrument :
MSVOA_X
ClientSampled :



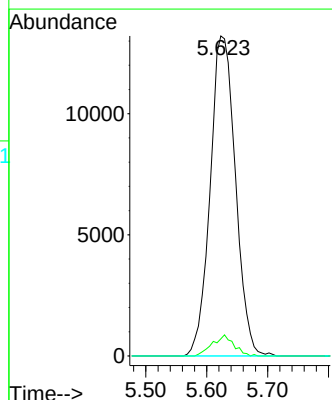
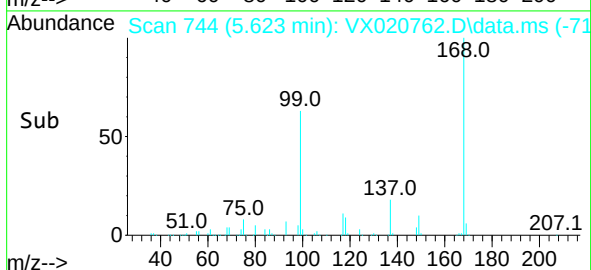
Tgt Ion: 75 Resp: 28035
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#

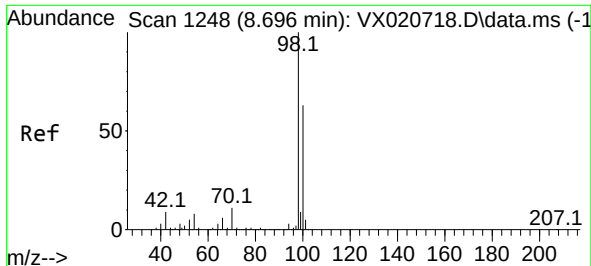


#38
Carbon Tetrachloride
Concen: 5.69 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38



Tgt Ion: 117 Resp: 38121
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

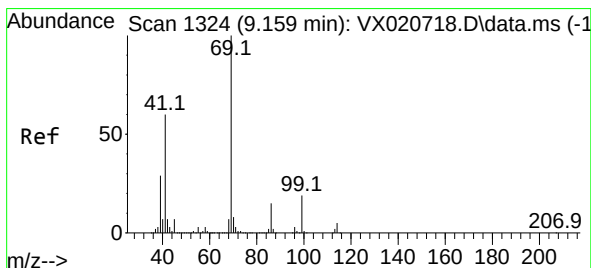
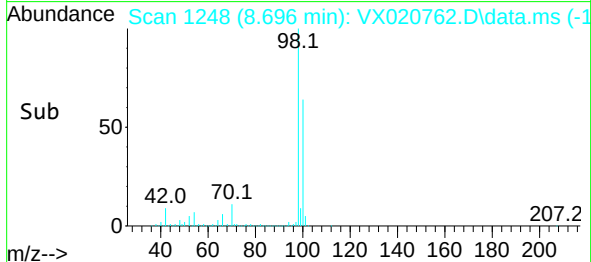
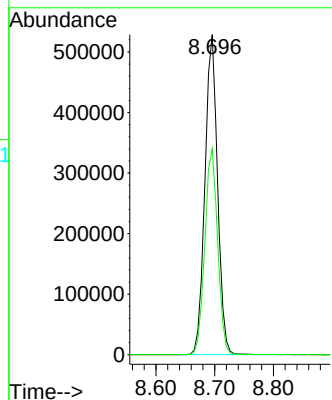
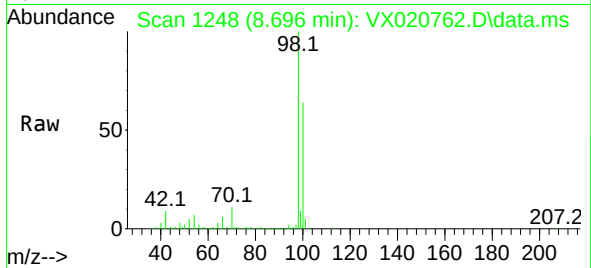




#50
Toluene-d8
Concen: 49.41 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

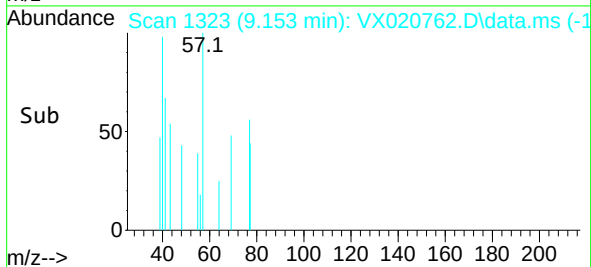
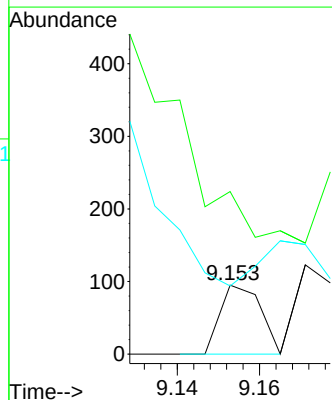
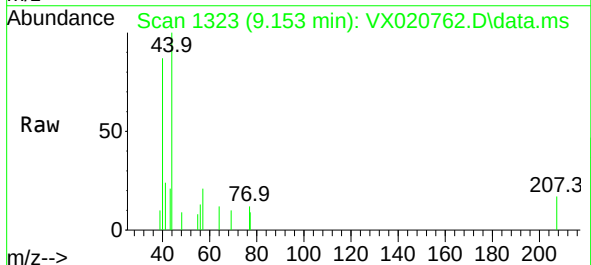
Instrument :
MSVOA_X
ClientSampled :

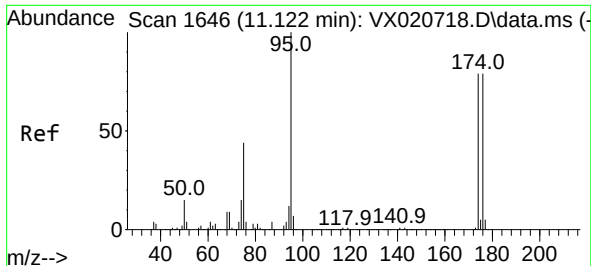
Tgt Ion: 98 Resp: 787374
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

Tgt Ion: 69 Resp: 65
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#

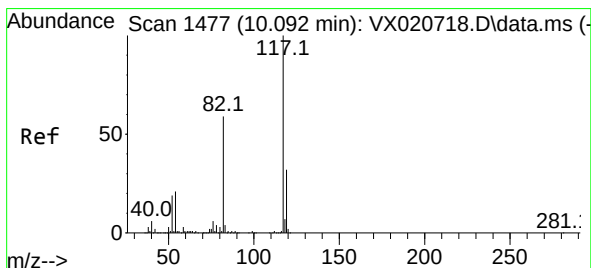
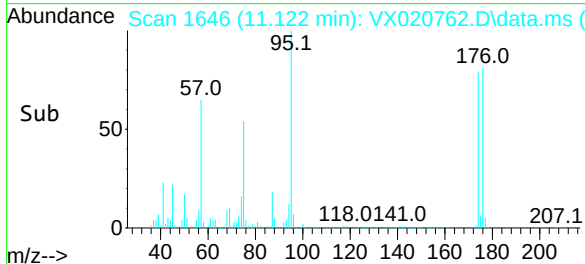
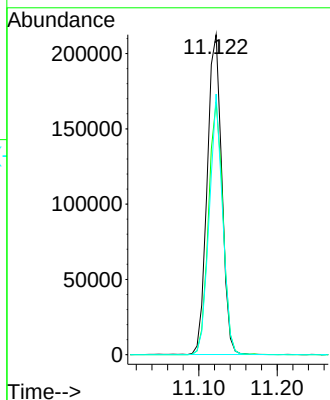
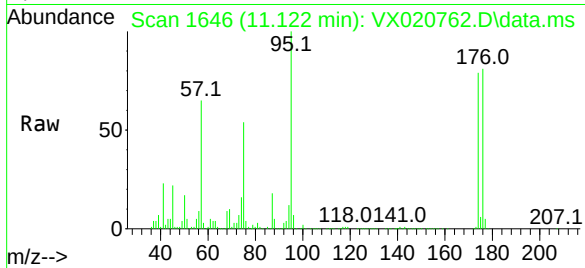




#62
4-Bromofluorobenzene
Concen: 44.19 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

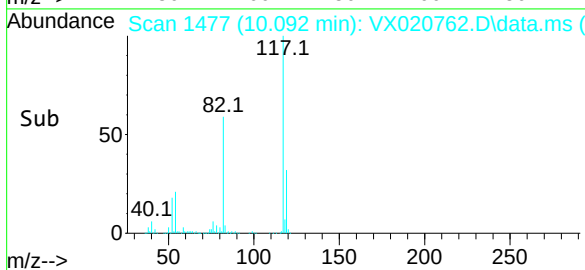
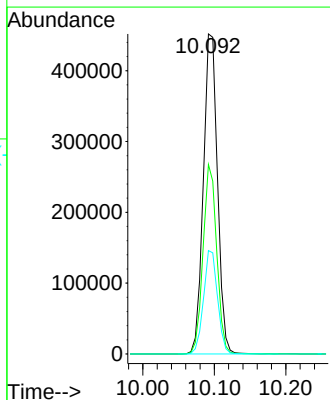
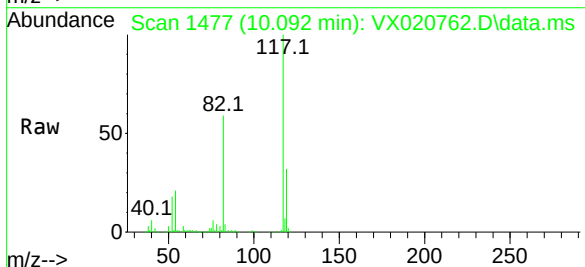
Instrument :
MSVOA_X
ClientSampled :

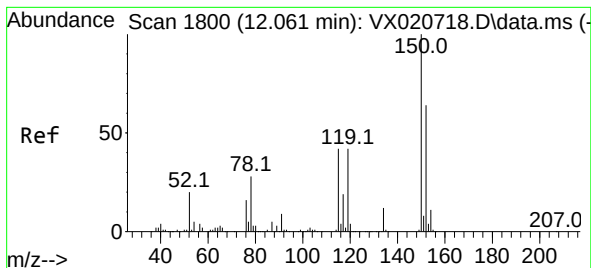
Tgt Ion: 95 Resp: 273462
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 74.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

Tgt Ion: 117 Resp: 621339
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.3 26.6 39.8

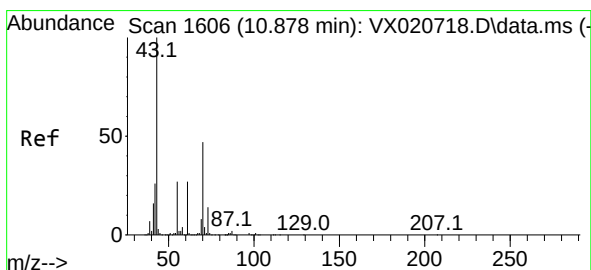
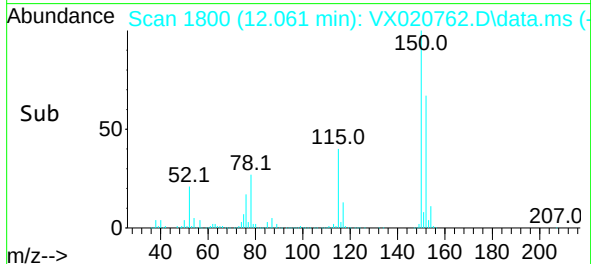
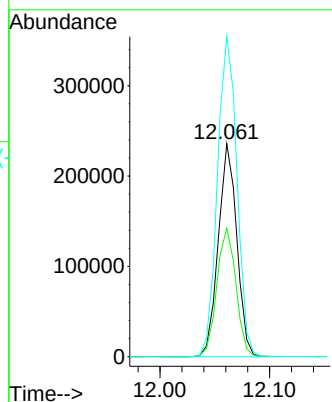
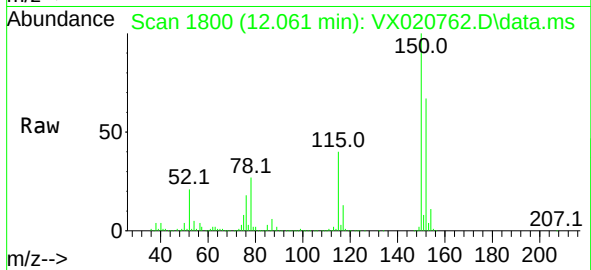




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

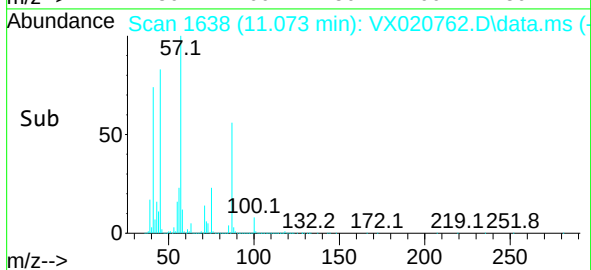
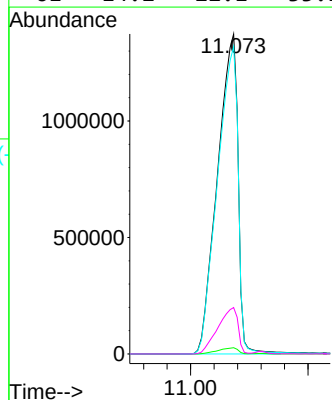
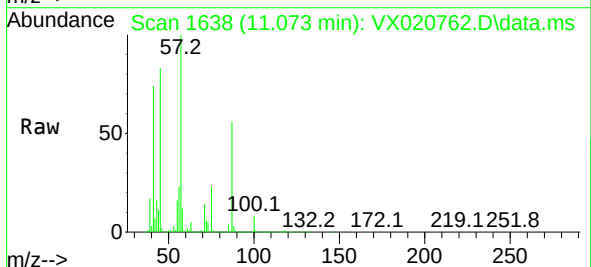
Instrument :
MSVOA_X
ClientSampleId :

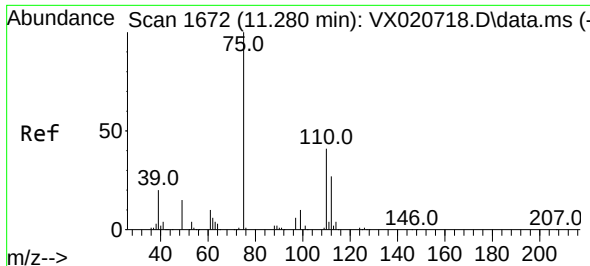
Tgt Ion:152 Resp: 276811
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 158.6 0.0 349.0



#74
N-ethyl acetate
Concen: 381.50 ug/l
RT: 11.073 min Scan# 1638
Delta R.T. 0.195 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

Tgt Ion: 43 Resp: 3329479
Ion Ratio Lower Upper
43 100
70 1.9 39.0 58.6#
55 96.5 21.5 32.3#
61 14.2 22.1 33.1#

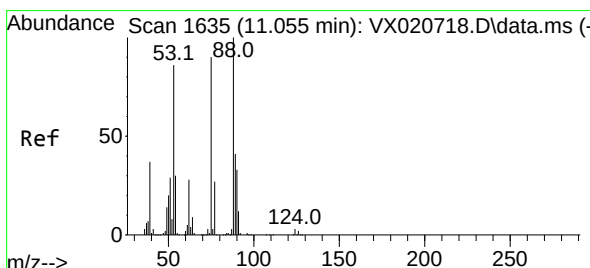
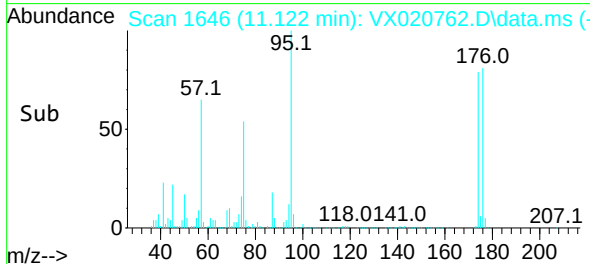
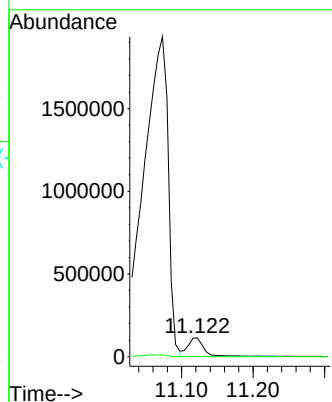
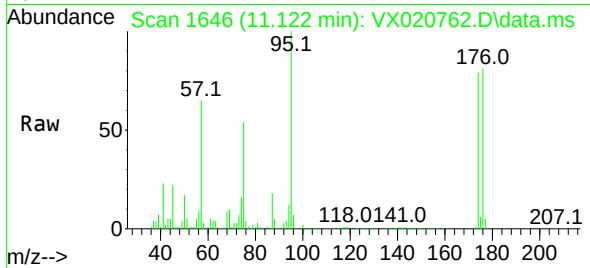




#76
1,2,3-Trichloropropane
Concen: 27.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

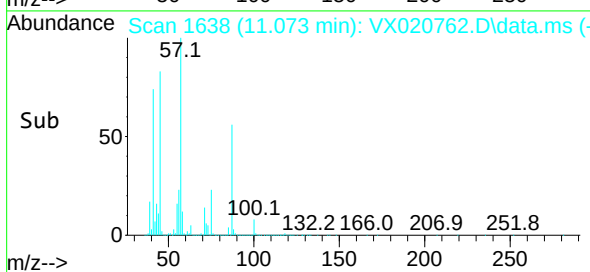
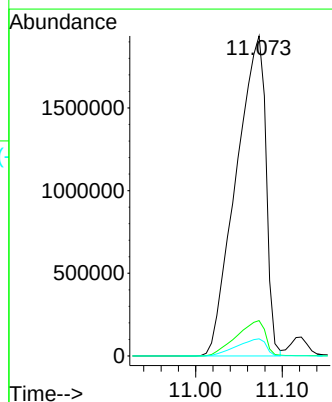
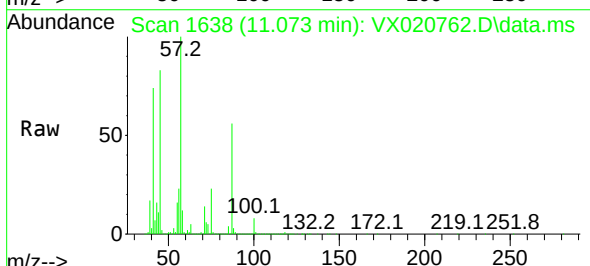
Instrument :
MSVOA_X
ClientSampled :

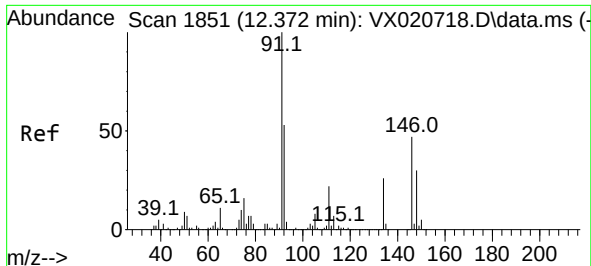
Tgt Ion: 75 Resp: 176139
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 2013.85 ug/l
RT: 11.073 min Scan# 1638
Delta R.T. 0.018 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

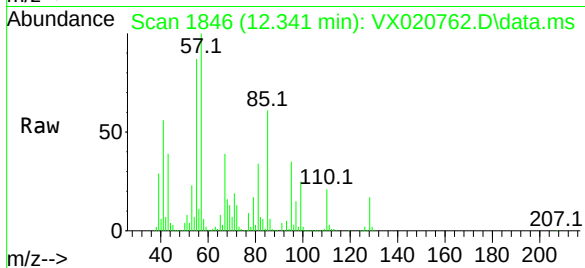
Tgt Ion: 75 Resp: 4613799
Ion Ratio Lower Upper
75 100
53 11.0 74.5 111.7#
89 5.3 37.9 56.9#



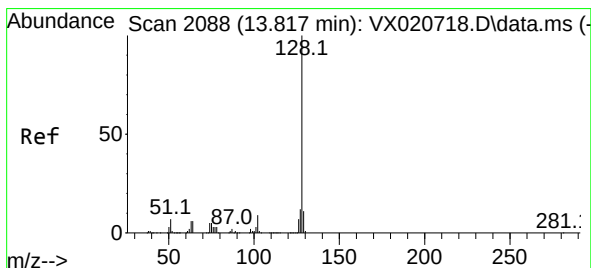
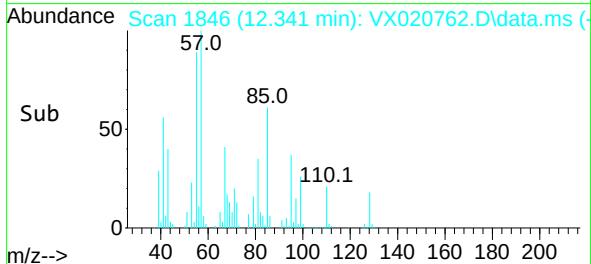
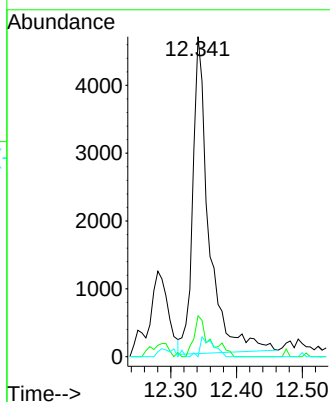


#89
n-Butylbenzene
Concen: 0.50 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. -0.031 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 91 Resp: 7930
Ion Ratio Lower Upper
91 100
92 12.3 27.4 82.0#
134 5.2 13.2 39.5#



#95
Naphthalene
Concen: 2.93 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020762.D
Acq: 26 Jan 2021 18:38

Tgt Ion: 128 Resp: 1314
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 8.4 8.8 13.2#

