

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020819.D
 Acq On : 29 Jan 2021 21:52
 Operator : JC/SP
 Sample : M1291-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2021-01-27-EB

Quant Time: Jan 30 02:40:34 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)

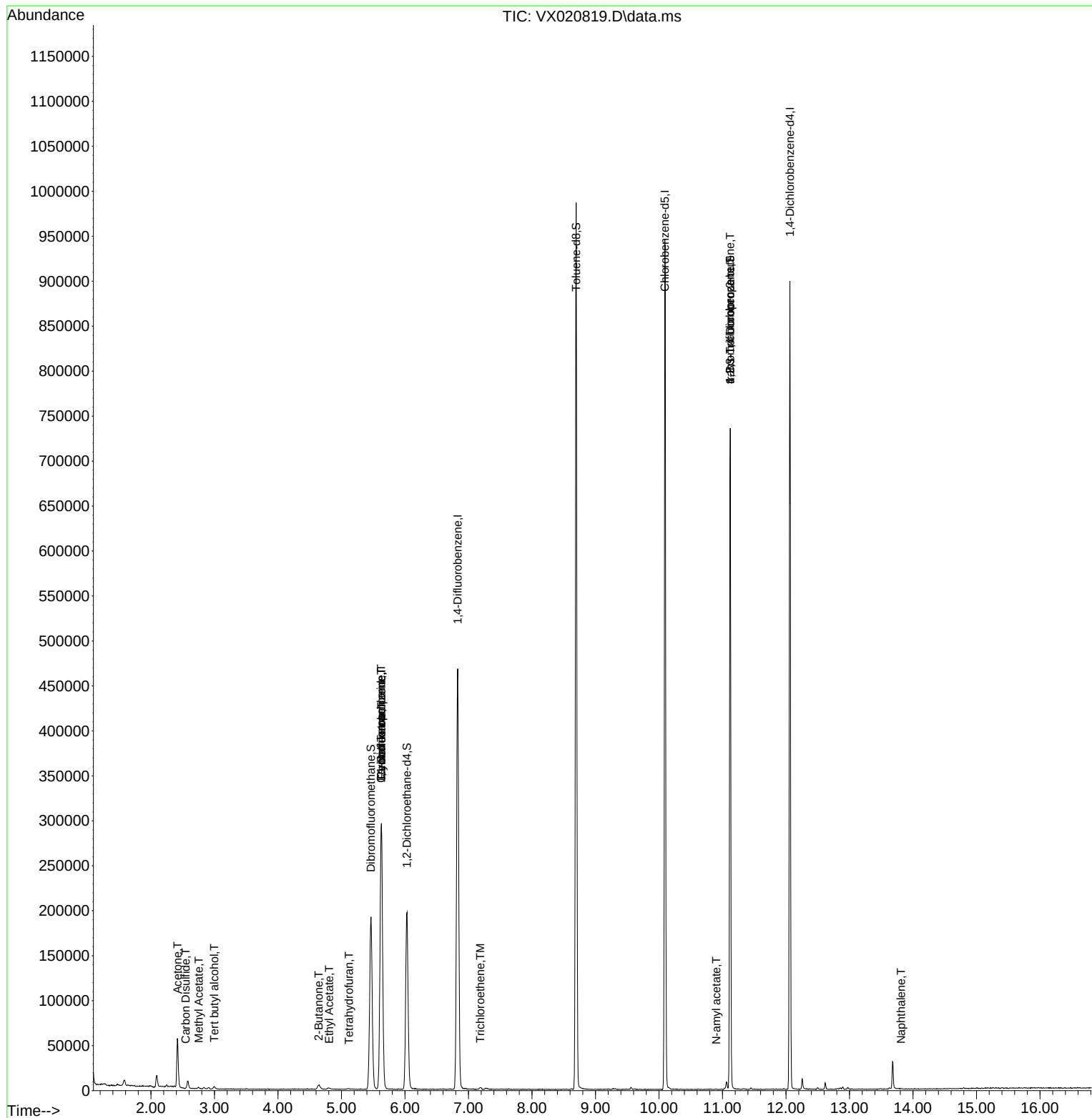
Internal Standards						
1) Pentafluorobenzene	5.629	168	276055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	475023	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	449752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	187036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	190972	50.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.44%			
35) Dibromofluoromethane	5.465	113	164860	50.67	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.34%			
50) Toluene-d8	8.696	98	592411	49.66	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.32%			
62) 4-Bromofluorobenzene	11.122	95	202146	43.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.28%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.995	59	2140	3.04	ug/l #	73
16) Acetone	2.416	43	56927	39.88	ug/l	97
17) Carbon Disulfide	2.544	76	211	0.93	ug/l #	75
18) Methyl Acetate	2.752	43	2214	0.61	ug/l #	83
25) 2-Butanone	4.642	43	6874	3.07	ug/l	95
29) Tetrahydrofuran	5.117	42	572	0.40	ug/l #	41
31) Cyclohexane	5.629	56	5206	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22377	4.69	ug/l #	50
37) Ethyl Acetate	4.806	43	2733	0.60	ug/l #	92
38) Carbon Tetrachloride	5.623	117	29675	5.92	ug/l #	16
44) Trichloroethene	7.184	130	925	0.25	ug/l	88
74) N-amyl acetate	10.903	43	93	2.03	ug/l #	37
76) 1,2,3-Trichloropropane	11.122	75	97501	22.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	97501	62.98	ug/l #	12
95) Naphthalene	13.811	128	187	2.88	ug/l #	69

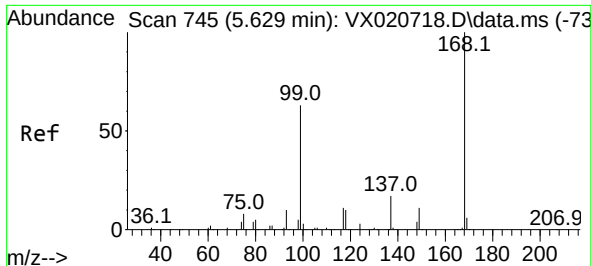
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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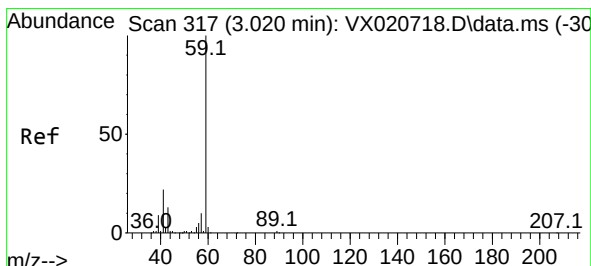
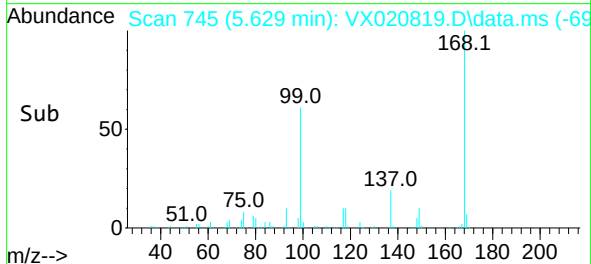
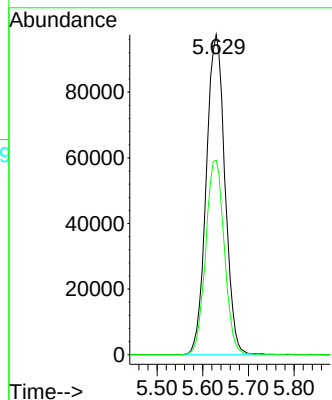
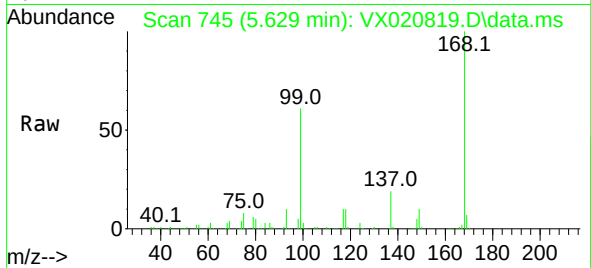




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

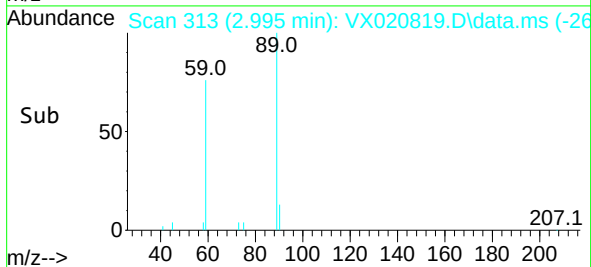
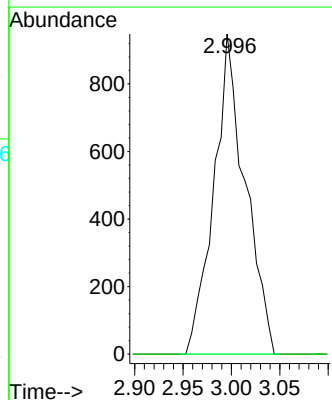
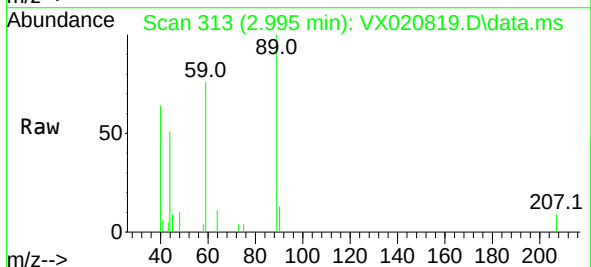
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

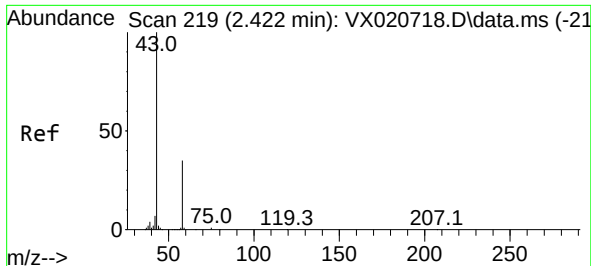
Tgt Ion:168 Resp: 276055
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#11
Tert butyl alcohol
Concen: 3.04 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

Tgt Ion: 59 Resp: 2140
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

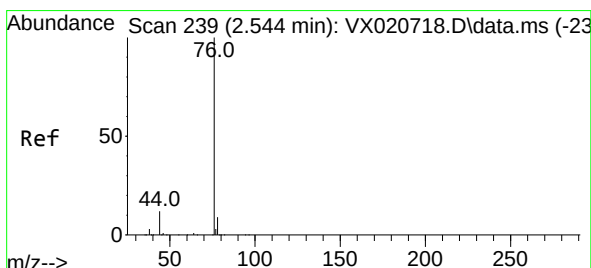
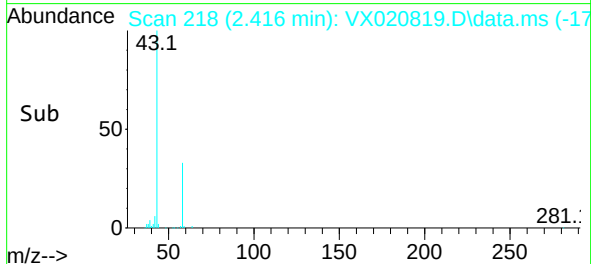
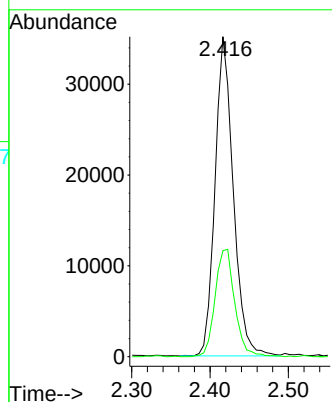
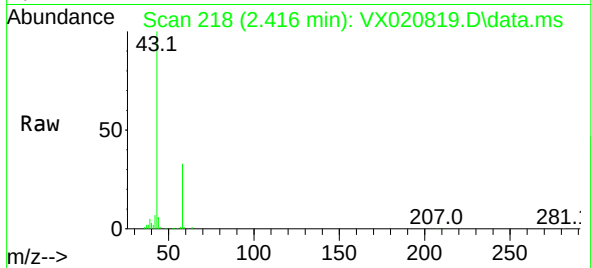




#16
Acetone
Concen: 39.88 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

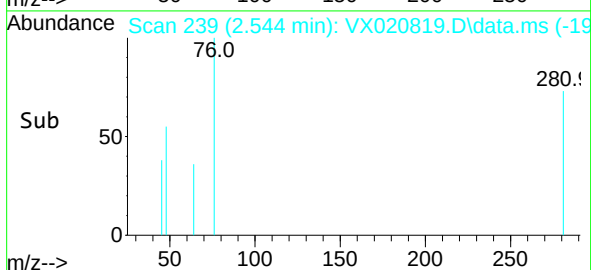
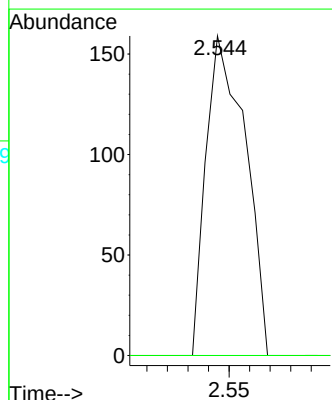
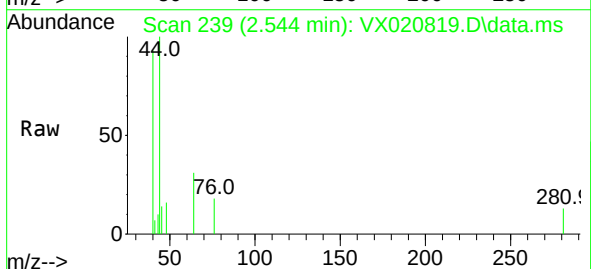
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

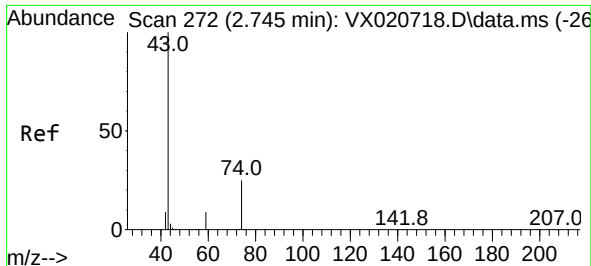
Tgt Ion: 43 Resp: 56927
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.93 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

Tgt Ion: 76 Resp: 211
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.61 ug/l

RT: 2.752 min Scan# 273

Delta R.T. 0.007 min

Lab File: VX020819.D

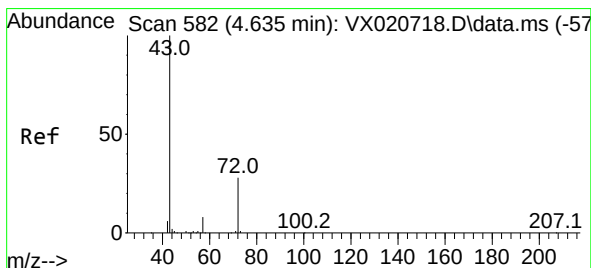
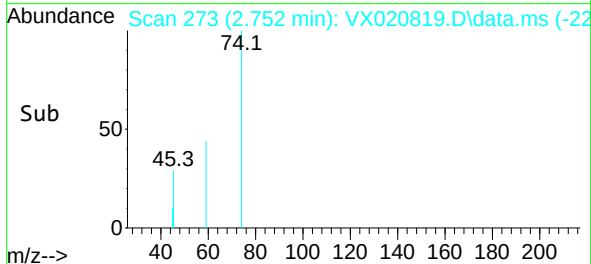
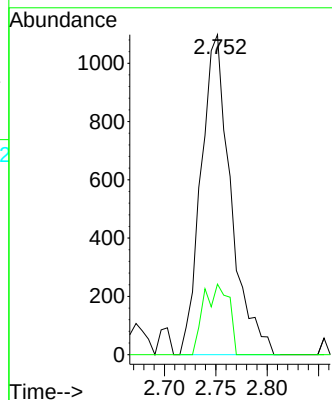
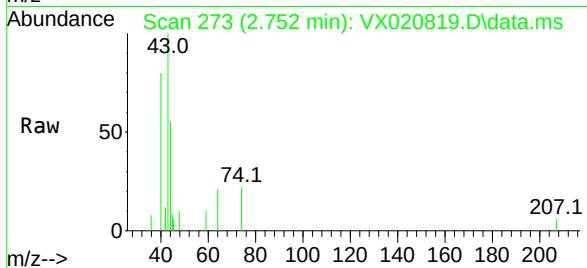
Acq: 29 Jan 2021 21:52

Tgt Ion: 43 Resp: 2214

Ion Ratio Lower Upper

43 100

74 18.6 21.9 32.9#



#25

2-Butanone

Concen: 3.07 ug/l

RT: 4.642 min Scan# 583

Delta R.T. 0.007 min

Lab File: VX020819.D

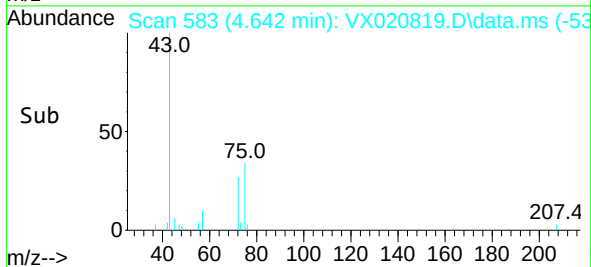
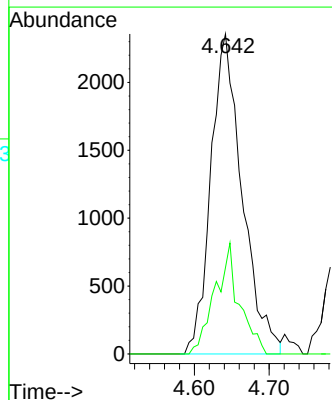
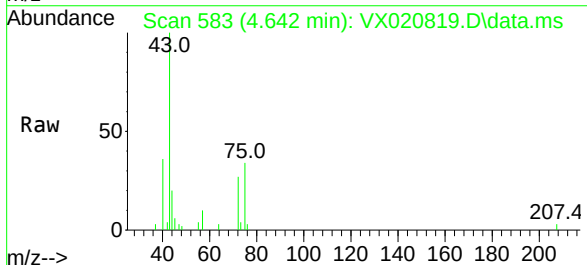
Acq: 29 Jan 2021 21:52

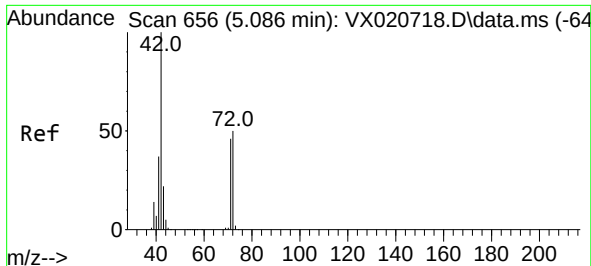
Tgt Ion: 43 Resp: 6874

Ion Ratio Lower Upper

43 100

72 27.0 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.40 ug/l

RT: 5.117 min Scan# 661

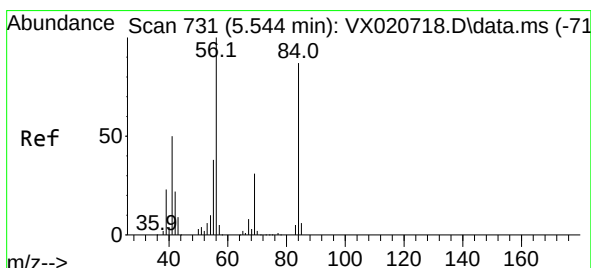
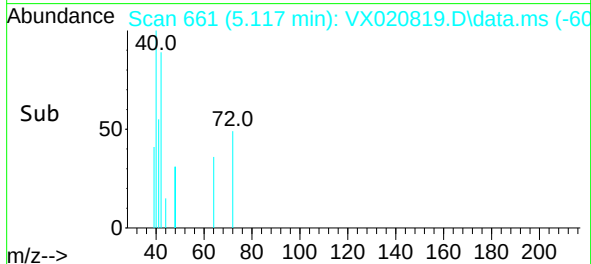
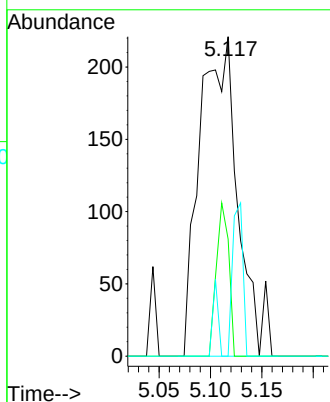
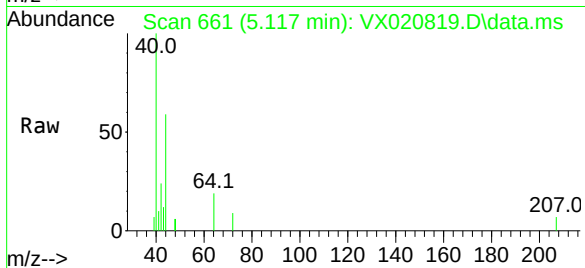
Delta R.T. 0.031 min

Lab File: VX020819.D

Acq: 29 Jan 2021 21:52

Tgt Ion:	42	Resp:	572
Ion	Ratio	Lower	Upper
42	100		
72	15.6	41.7	62.5#
71	3.3	38.4	57.6#

Instrument :
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ClientSampleId :
2021-01-27-EB



#31

Cyclohexane

Concen: 1.03 ug/l

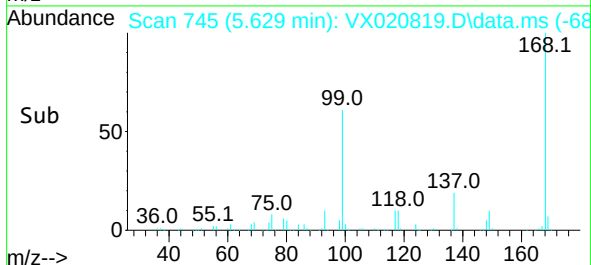
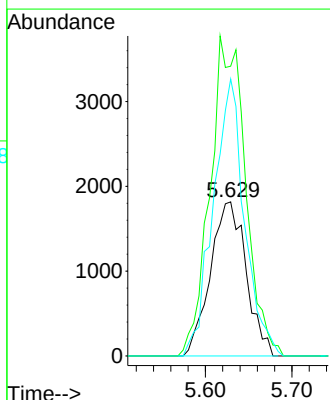
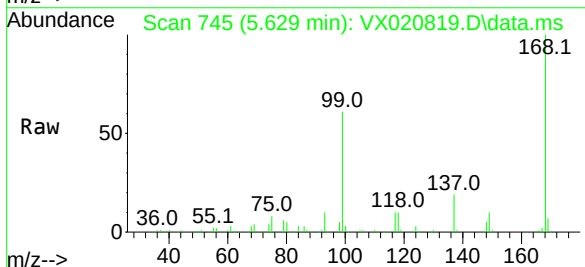
RT: 5.629 min Scan# 745

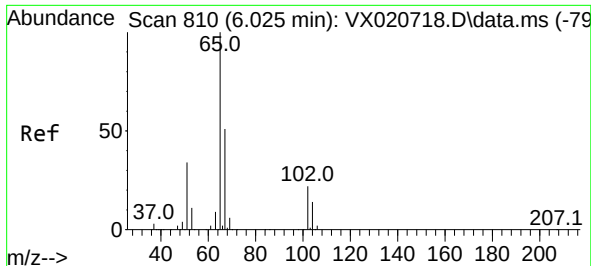
Delta R.T. 0.085 min

Lab File: VX020819.D

Acq: 29 Jan 2021 21:52

Tgt Ion:	56	Resp:	5206
Ion	Ratio	Lower	Upper
56	100		
69	188.2	25.3	37.9#
84	179.8	71.4	107.0#

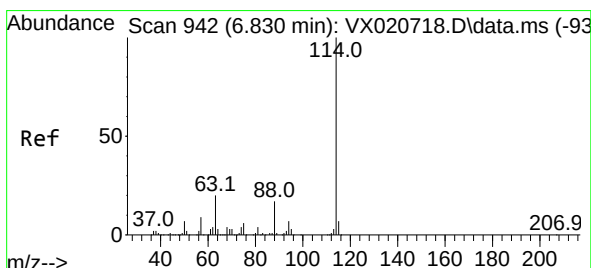
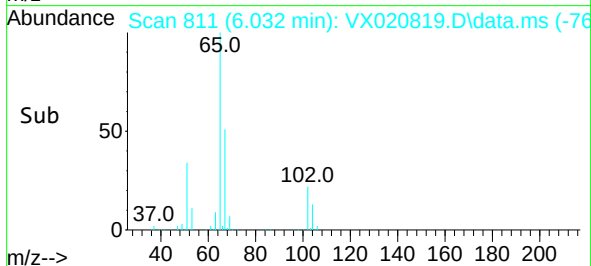
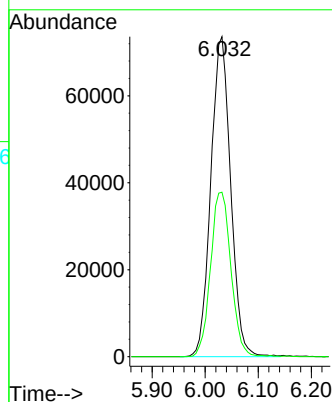
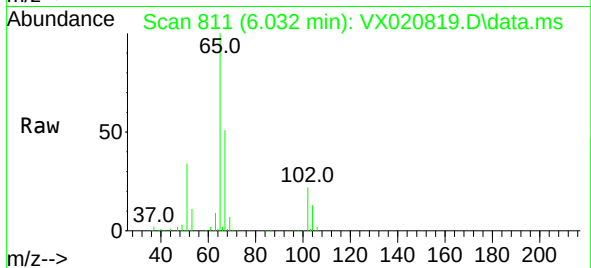




#33
1,2-Dichloroethane-d4
Concen: 50.72 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

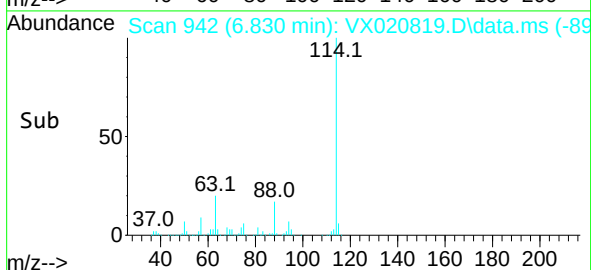
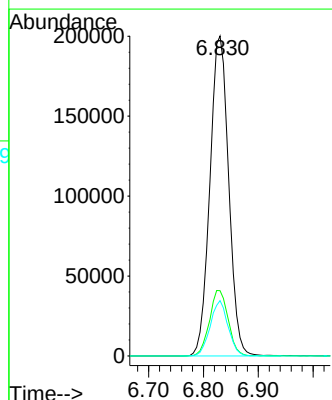
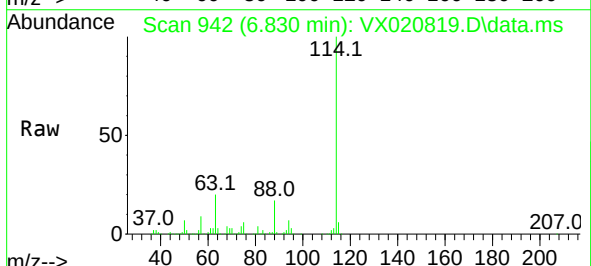
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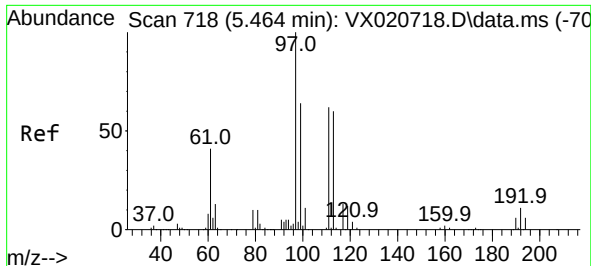
Tgt Ion: 65 Resp: 190972
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

Tgt Ion: 114 Resp: 475023
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 17.3 0.0 32.8

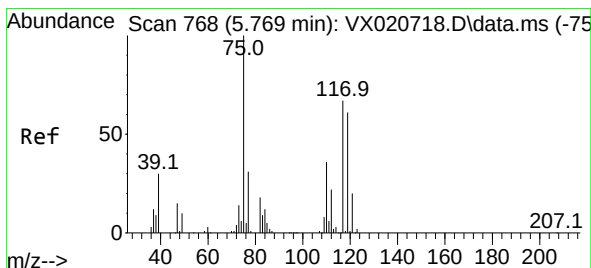
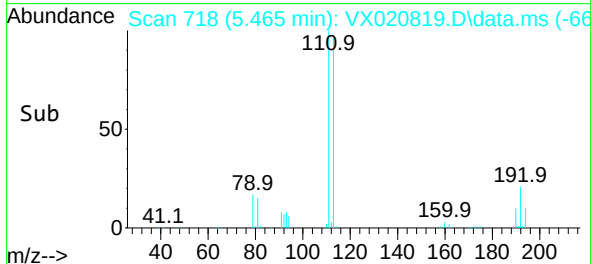
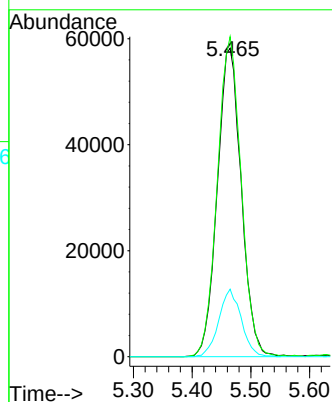
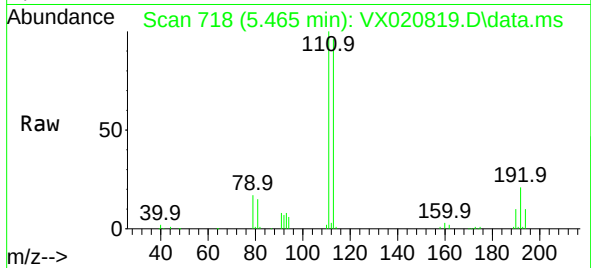




#35
Dibromofluoromethane
Concen: 50.67 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

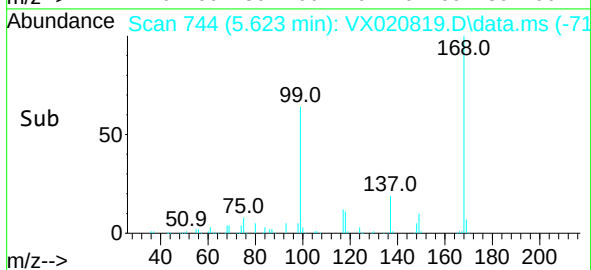
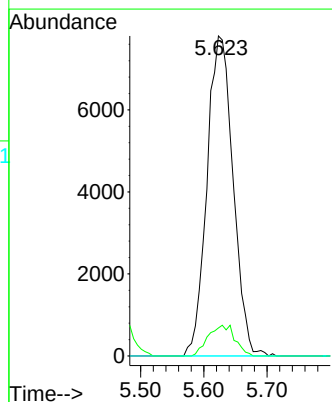
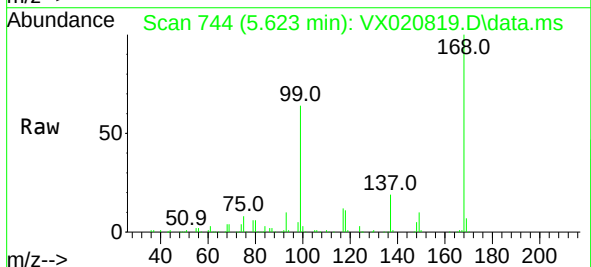
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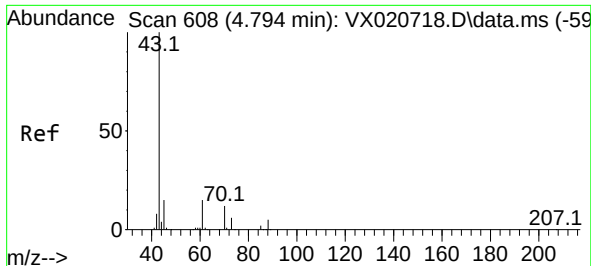
Tgt Ion:113 Resp: 164860
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

Tgt Ion: 75 Resp: 22377
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#

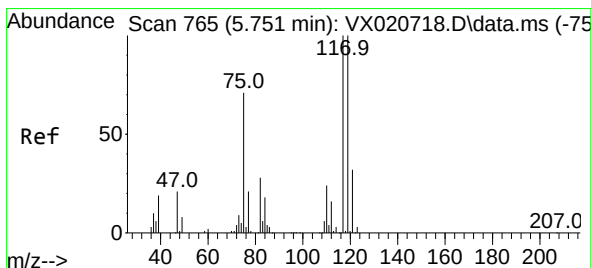
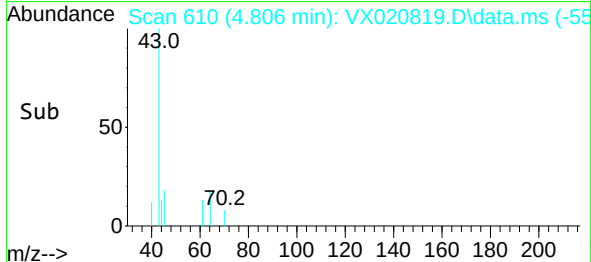
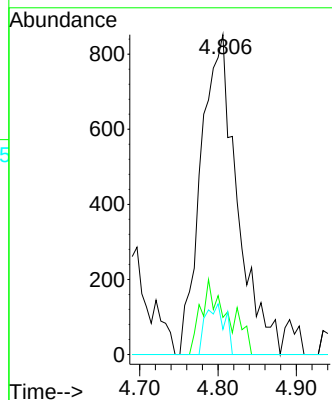
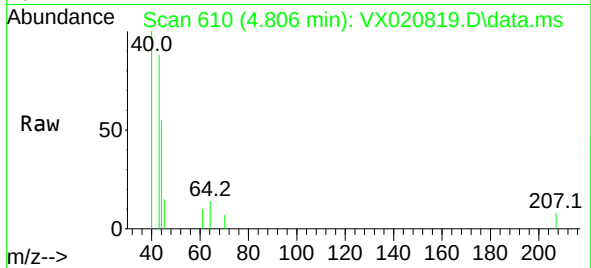




#37
Ethyl Acetate
Concen: 0.60 ug/l
RT: 4.806 min Scan# 610
Delta R.T. 0.012 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

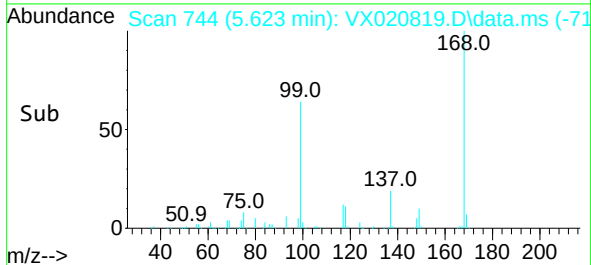
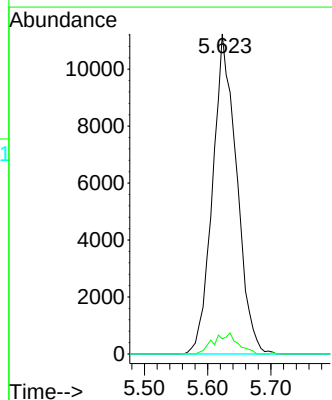
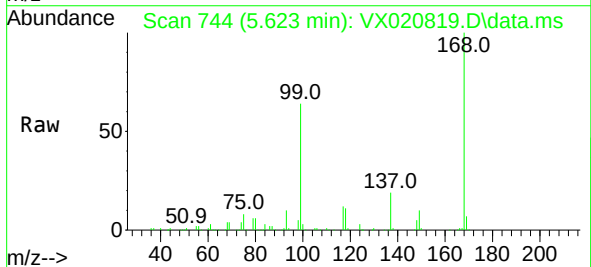
Instrument :
MSVOA_X
ClientSampleId :
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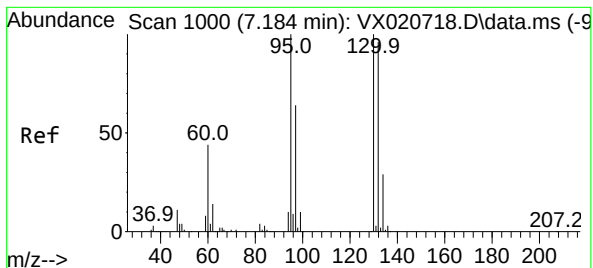
Tgt Ion: 43 Resp: 2733
Ion Ratio Lower Upper
43 100
61 13.9 12.8 19.2
70 8.6 10.5 15.7#



#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

Tgt Ion: 117 Resp: 29675
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#





#44

Trichloroethene

Concen: 0.25 ug/l

RT: 7.184 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VX020819.D

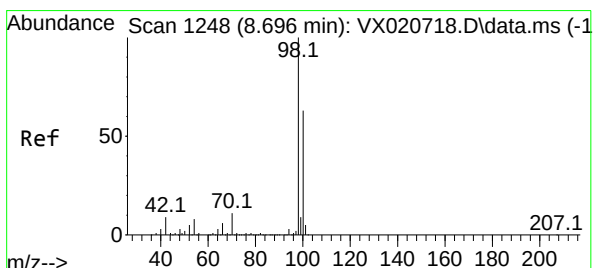
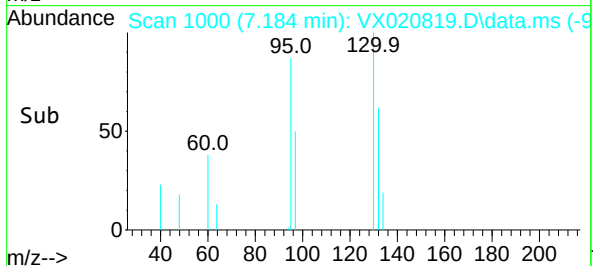
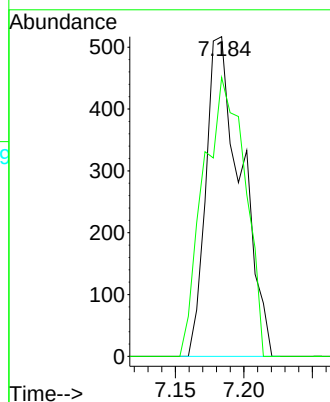
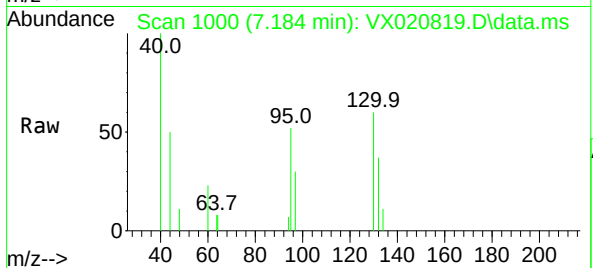
Acq: 29 Jan 2021 21:52

Tgt Ion:130 Resp: 925

Ion Ratio Lower Upper

130 100

95 87.2 0.0 198.0



#50

Toluene-d8

Concen: 49.66 ug/l

RT: 8.696 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VX020819.D

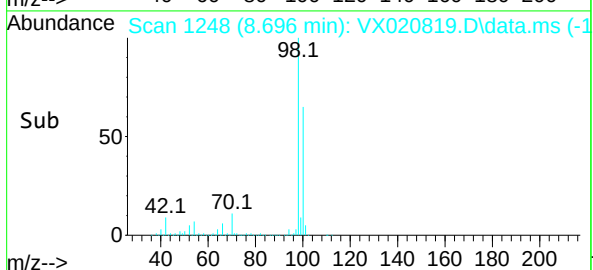
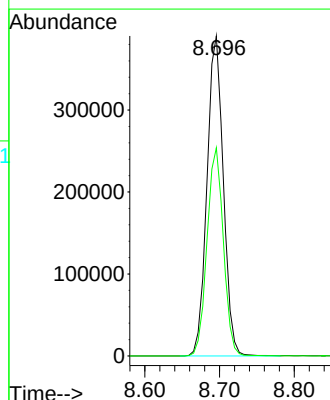
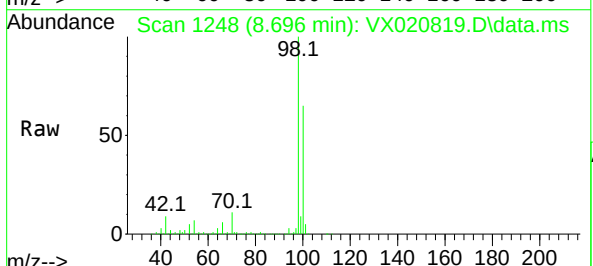
Acq: 29 Jan 2021 21:52

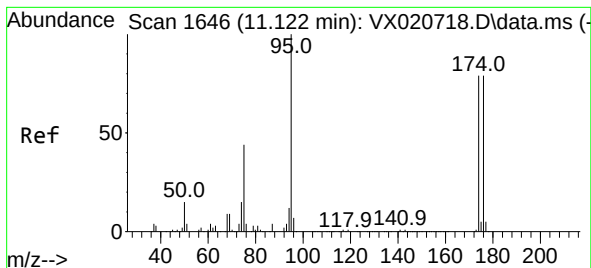
Tgt Ion: 98 Resp: 592411

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9

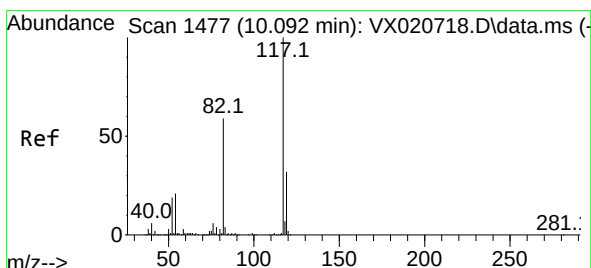
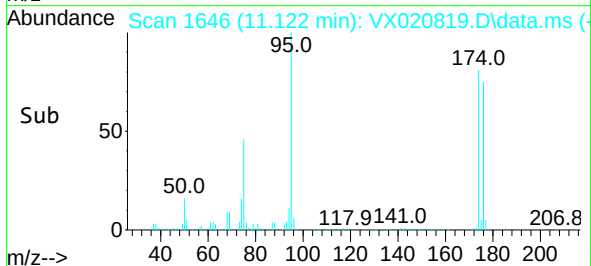
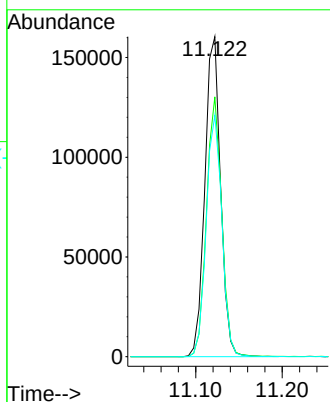
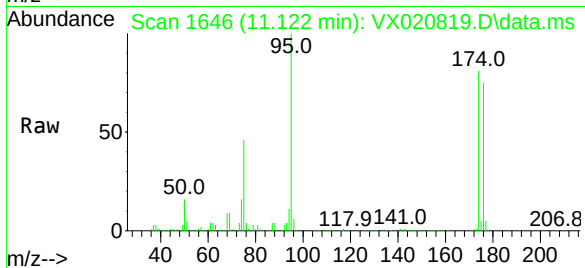




#62
4-Bromofluorobenzene
Concen: 43.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

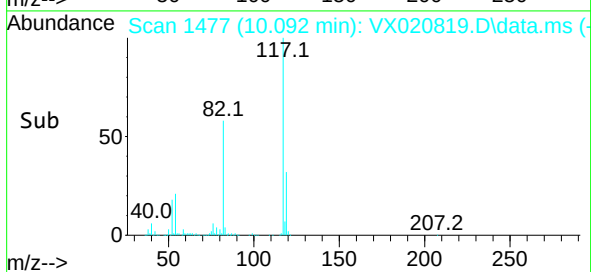
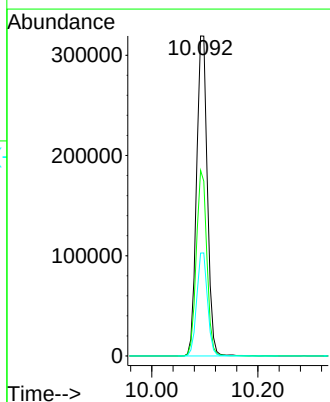
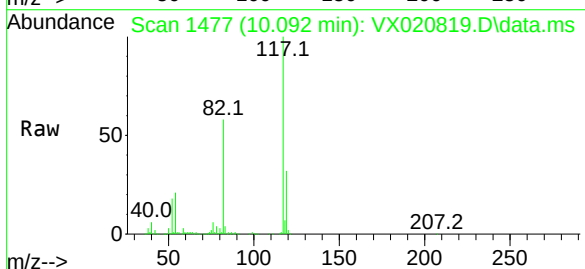
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

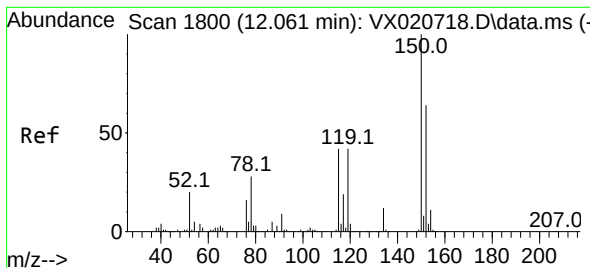
Tgt Ion: 95 Resp: 202146
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 75.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

Tgt Ion: 117 Resp: 449752
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.2 26.6 39.8

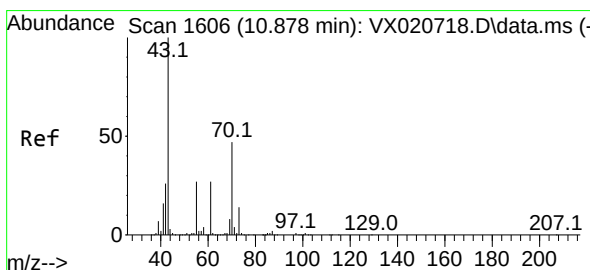
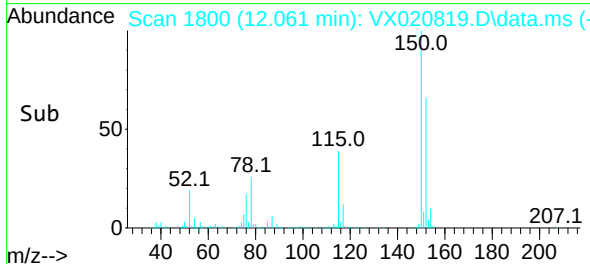
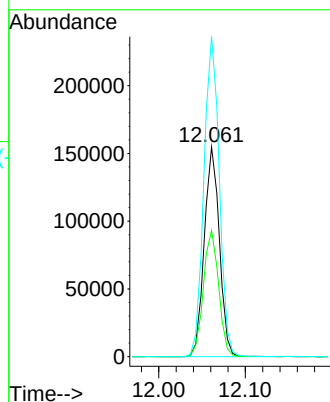
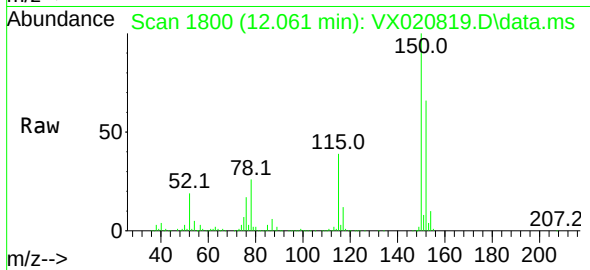




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

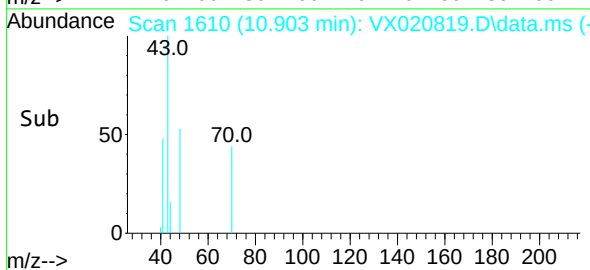
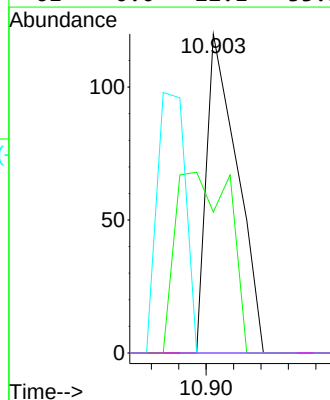
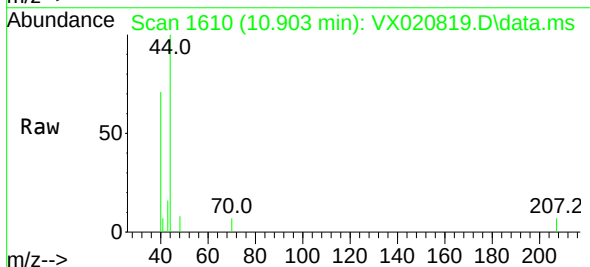
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

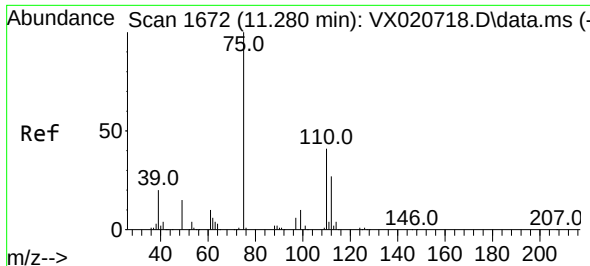
Tgt Ion:152 Resp: 187036
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 155.7 0.0 349.0



#74
N-ethyl acetate
Concen: 2.03 ug/l
RT: 10.903 min Scan# 1610
Delta R.T. 0.025 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
70 100.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

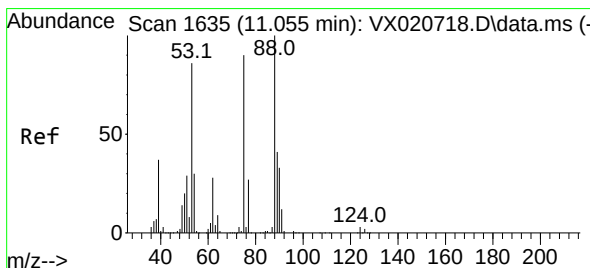
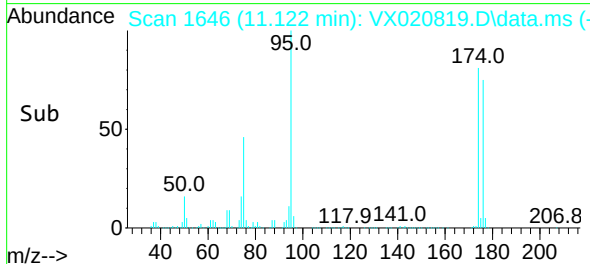
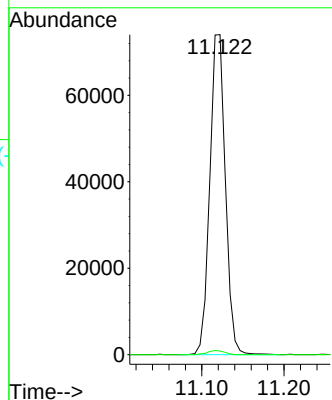
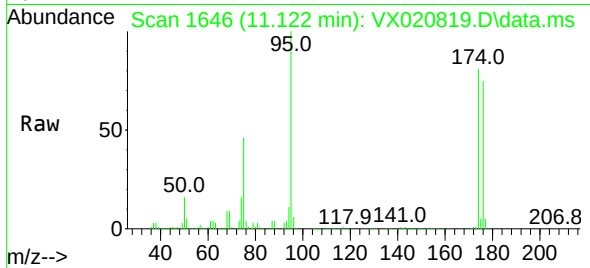




#76
1,2,3-Trichloropropane
Concen: 22.48 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

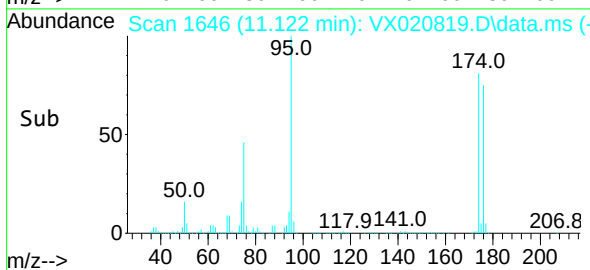
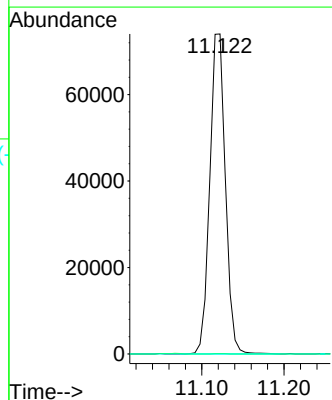
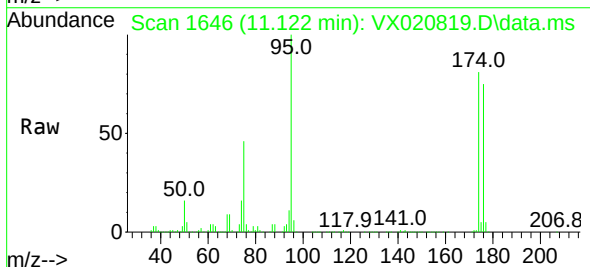
Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

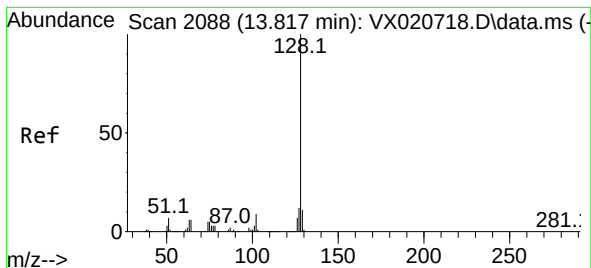
Tgt Ion: 75 Resp: 97501
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.98 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

Tgt Ion: 75 Resp: 97501
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.88 ug/l
RT: 13.811 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VX020819.D
Acq: 29 Jan 2021 21:52

Instrument :
MSVOA_X
ClientSampleId :
2021-01-27-EB

Tgt Ion:128 Resp: 187
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

