

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122920\
 Data File : VX020441.D
 Acq On : 29 Dec 2020 17:53
 Operator : JC/MD
 Sample : L5236-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1025-FB122820

Quant Time: Dec 30 02:39:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

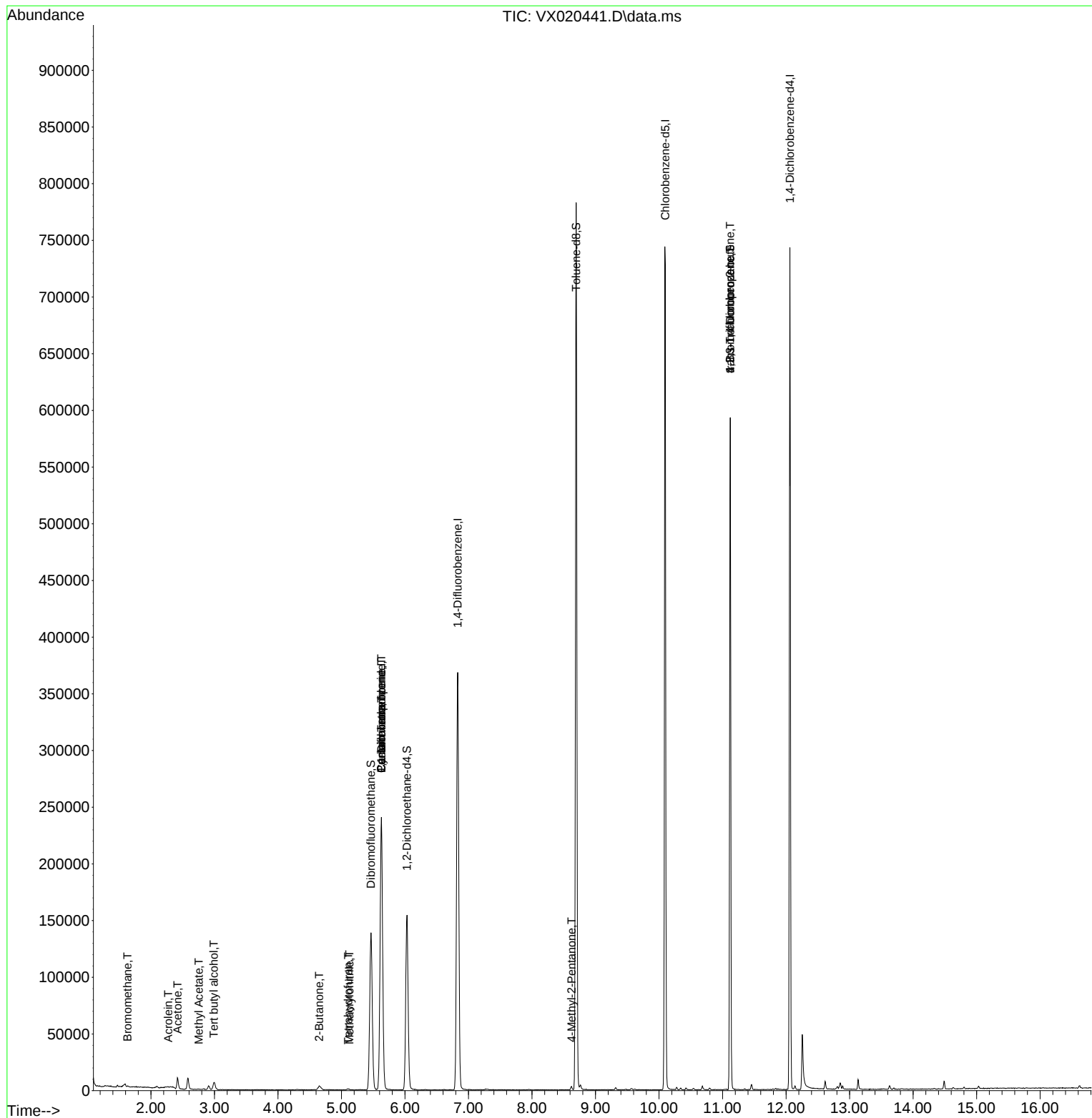
Internal Standards						
1) Pentafluorobenzene	5.629	168	233163	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	383142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	357147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	152242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	143392	45.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.76%		
35) Dibromofluoromethane	5.464	113	120537	49.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.36%		
50) Toluene-d8	8.695	98	470305	49.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.70%		
62) 4-Bromofluorobenzene	11.122	95	163081	45.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.32%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	428	0.42	ug/l	86
11) Tert butyl alcohol	2.989	59	4902	7.00	ug/l #	81
13) Acrolein	2.270	56	118	0.27	ug/l	83
16) Acetone	2.416	43	9893	6.94	ug/l	99
18) Methyl Acetate	2.751	43	651	0.20	ug/l #	85
25) 2-Butanone	4.647	43	1689	0.81	ug/l #	86
29) Tetrahydrofuran	5.105	42	914	0.70	ug/l #	68
31) Cyclohexane	5.629	56	4130	0.96	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	17052	4.50	ug/l #	48
38) Carbon Tetrachloride	5.629	117	22300	6.19	ug/l #	16
41) Methacrylonitrile	5.123	41	484	0.23	ug/l #	30
51) 4-Methyl-2-Pentanone	8.622	43	1790	0.47	ug/l	93
76) 1,2,3-Trichloropropane	11.122	75	76438	20.38	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	76438	60.47	ug/l #	12

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

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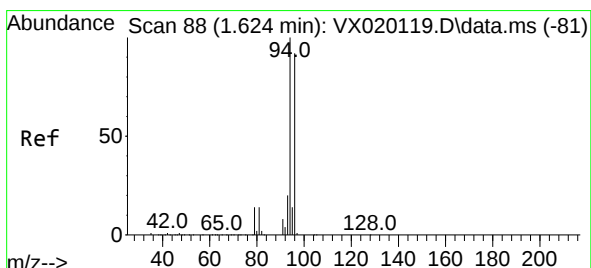
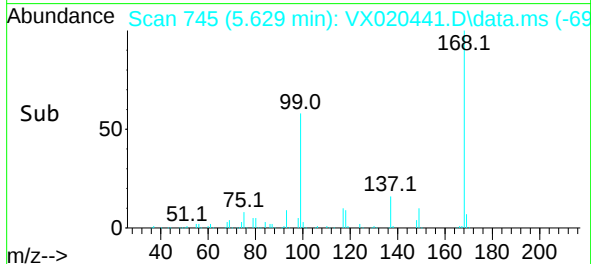
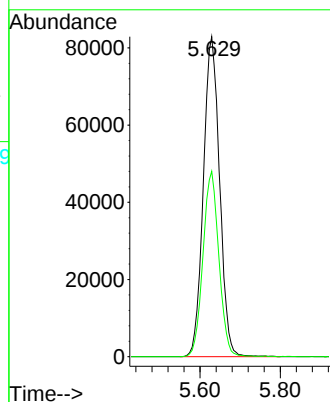
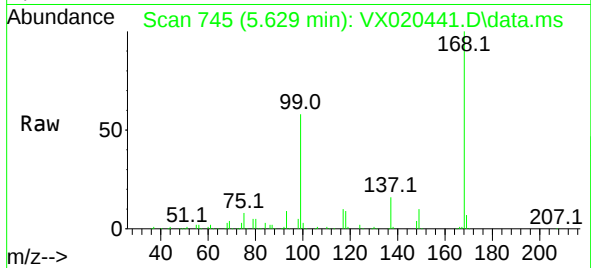




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

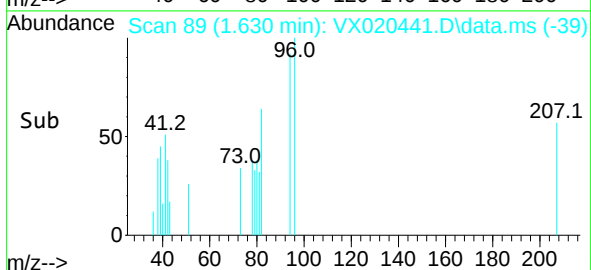
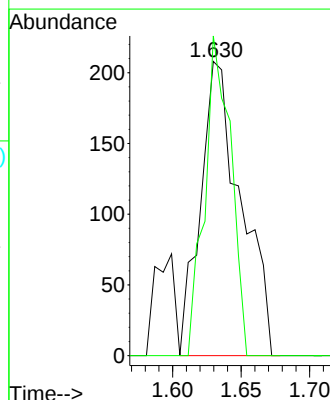
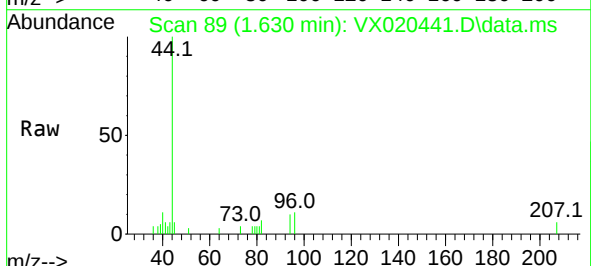
Instrument :
MSVOA_X
ClientSampleId :
1025-FB122820

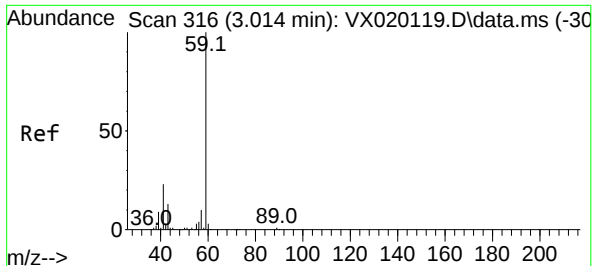
Tgt Ion:168 Resp: 233163
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 108.7 76.4 114.6

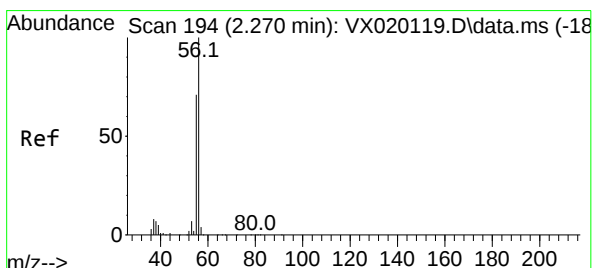
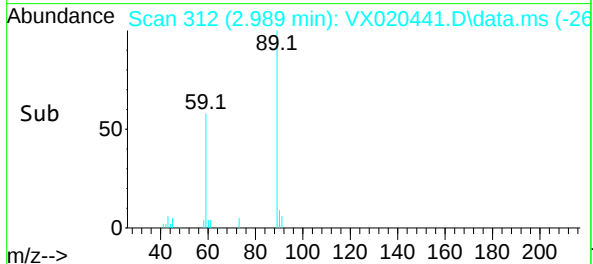
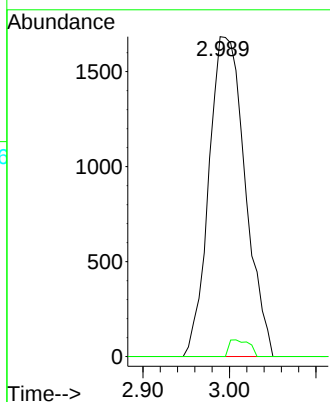
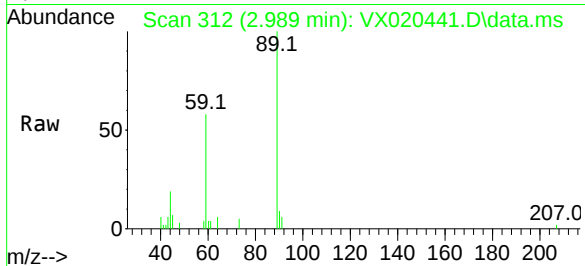




#11
Tert butyl alcohol
Concen: 7.00 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

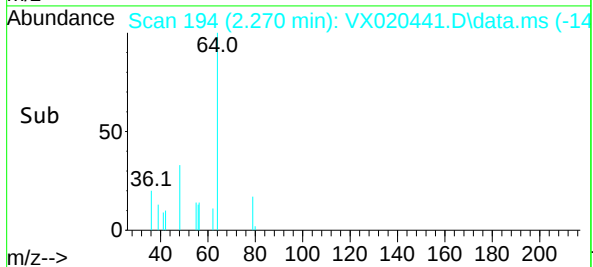
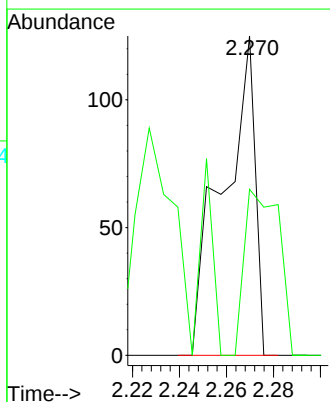
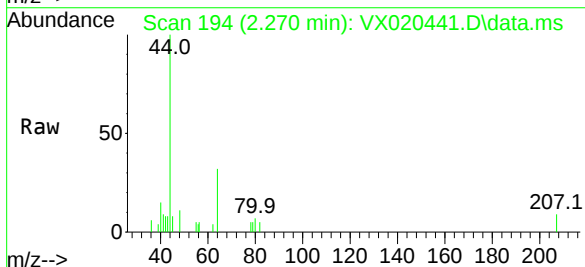
Instrument :
MSVOA_X
ClientSampleId :
1025-FB122820

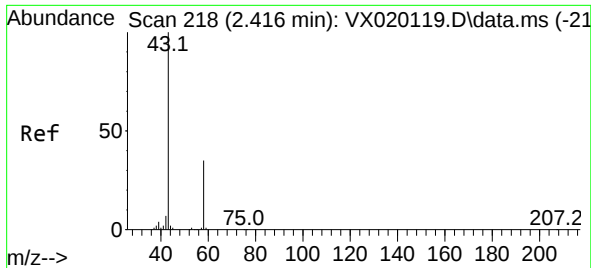
Tgt Ion: 59 Resp: 4902
Ion Ratio Lower Upper
59 100
57 2.9 7.8 11.8#



#13
Acrolein
Concen: 0.27 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Tgt Ion: 56 Resp: 118
Ion Ratio Lower Upper
56 100
55 56.8 56.4 84.6

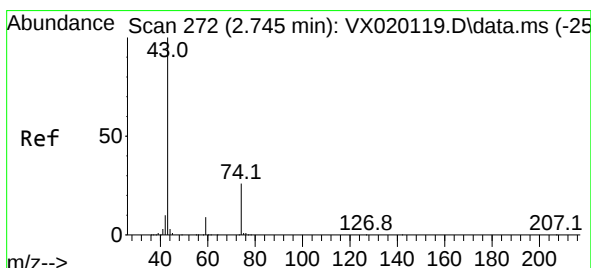
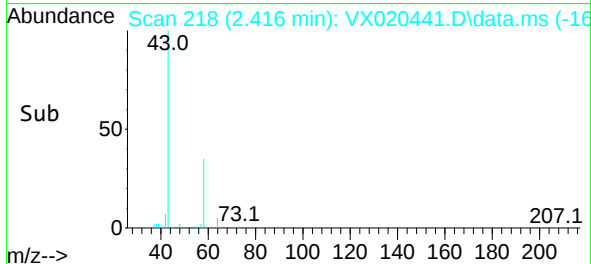
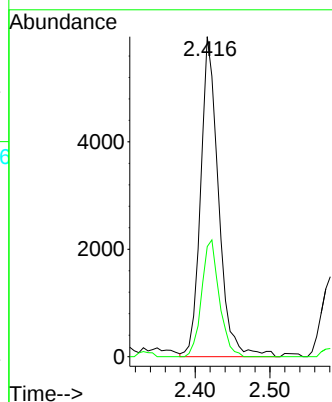
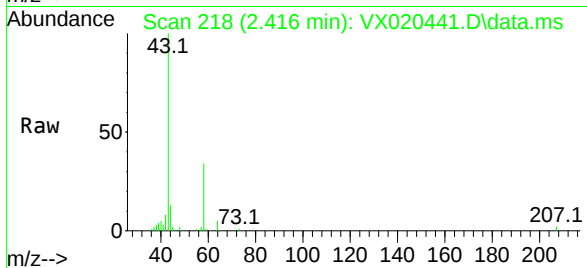




#16
Acetone
Concen: 6.94 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

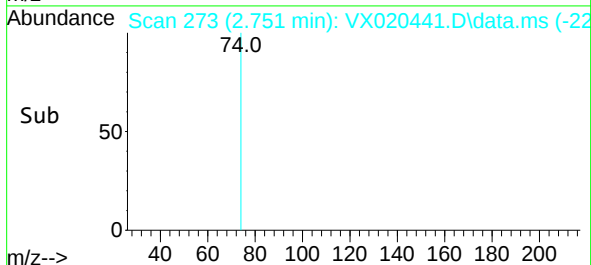
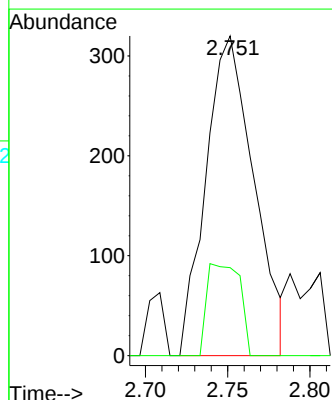
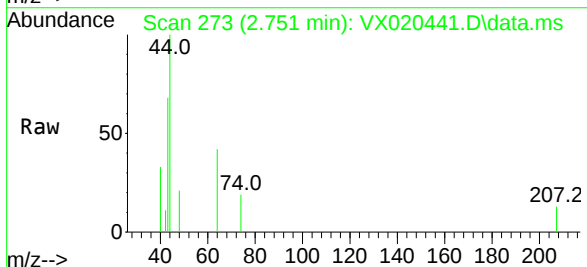
Instrument :
MSVOA_X
ClientSampleId :
1025-FB122820

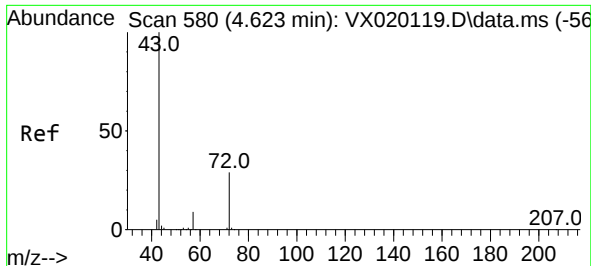
Tgt Ion: 43 Resp: 9893
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.20 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
74 19.7 21.9 32.9#

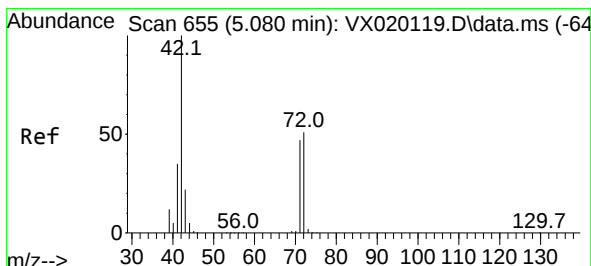
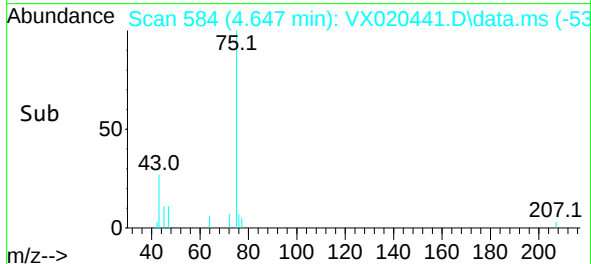
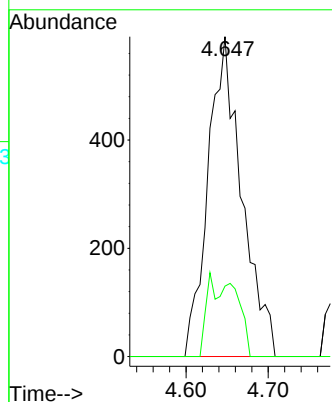
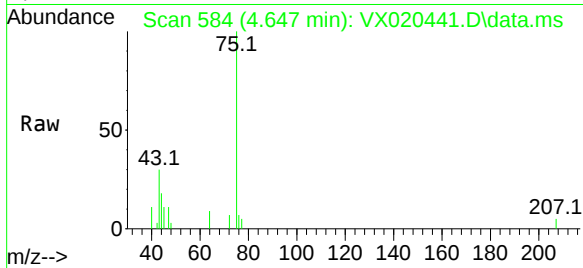




#25
2-Butanone
Concen: 0.81 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.024 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

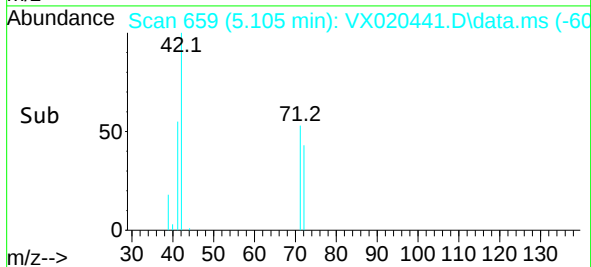
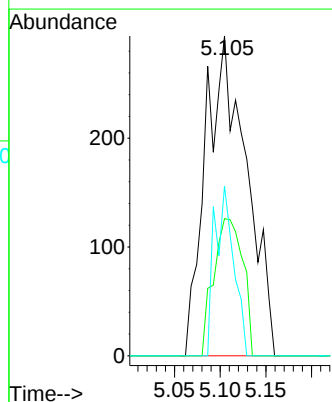
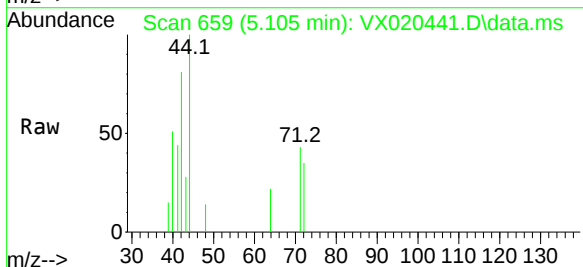
Instrument :
MSVOA_X
ClientSampleId :
1025-FB122820

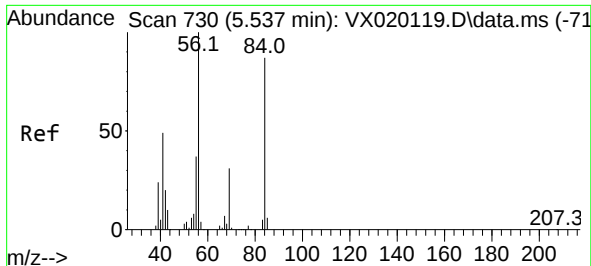
Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
72 22.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.70 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.025 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

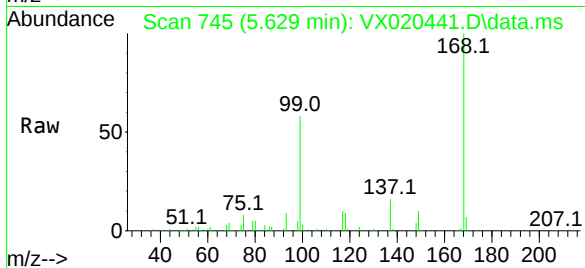
Tgt Ion: 42 Resp: 914
Ion Ratio Lower Upper
42 100
72 30.6 41.7 62.5#
71 24.7 38.4 57.6#



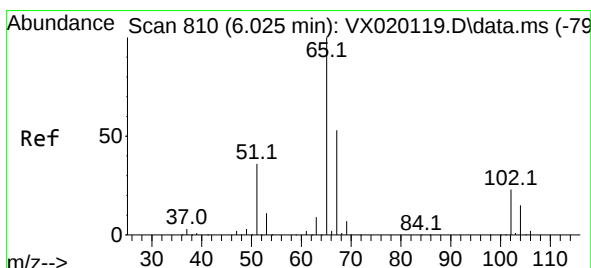
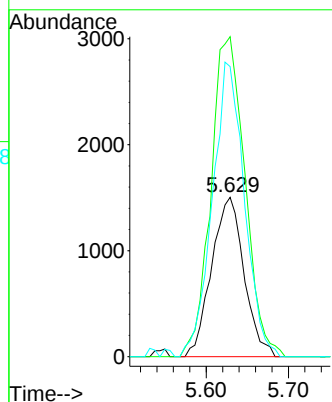
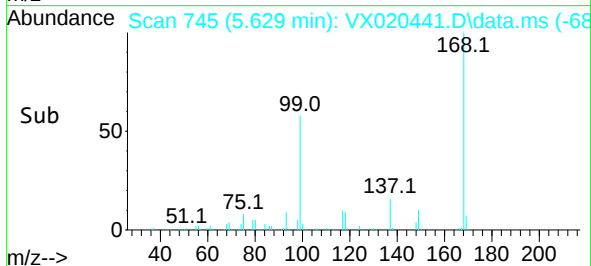


#31
Cyclohexane
Concen: 0.96 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

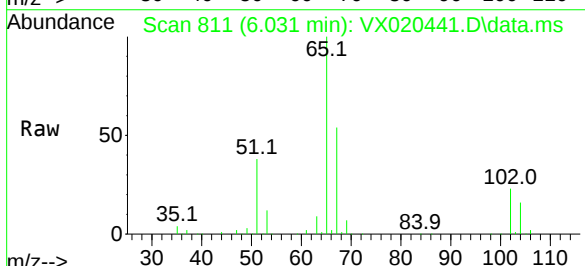
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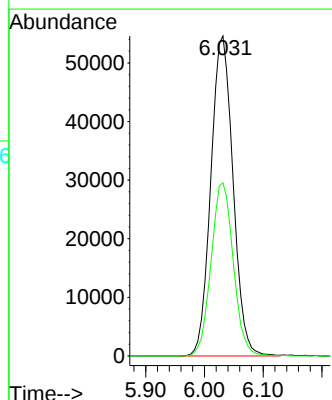
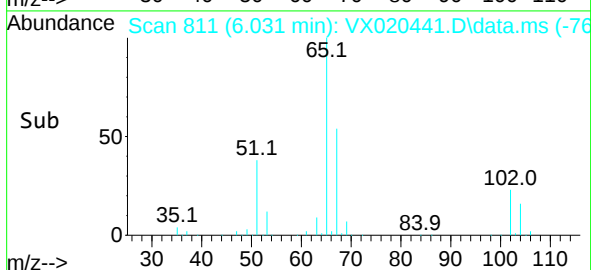
Tgt Ion: 56 Resp: 4130
Ion Ratio Lower Upper
56 100
69 200.8 25.3 37.9#
84 182.0 71.4 107.0#

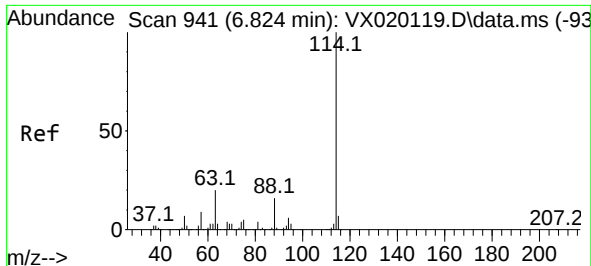


#33
1,2-Dichloroethane-d4
Concen: 45.88 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53



Tgt Ion: 65 Resp: 143392
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.4

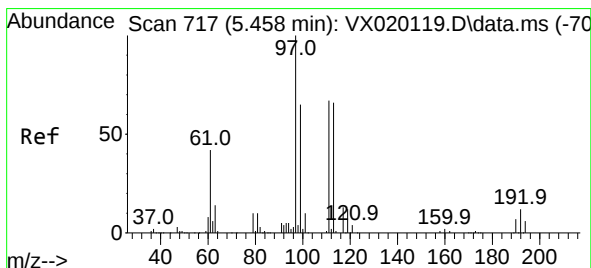
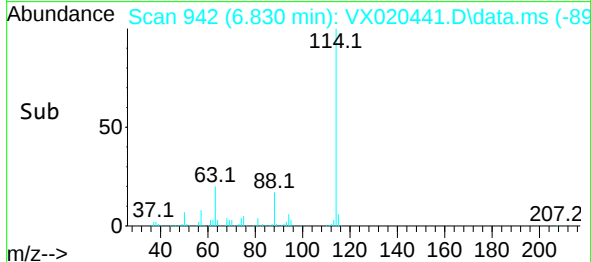
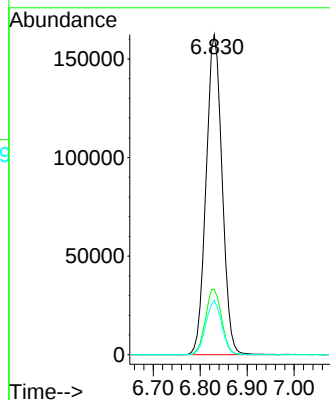
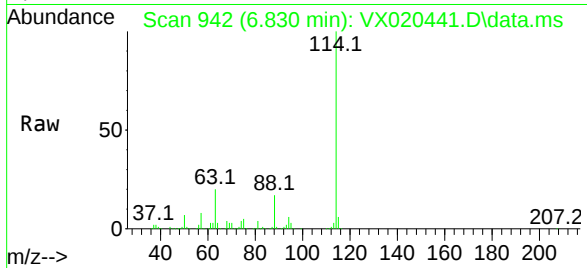




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

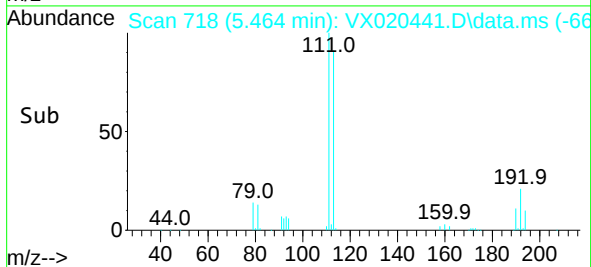
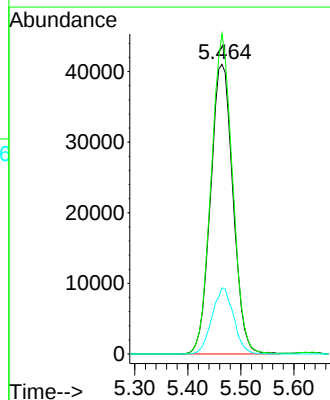
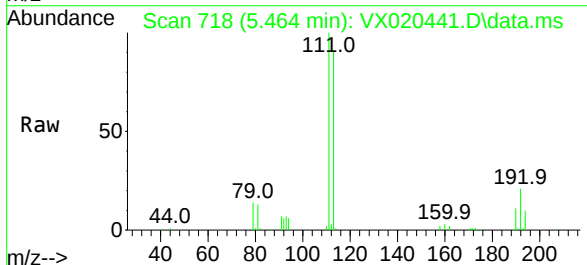
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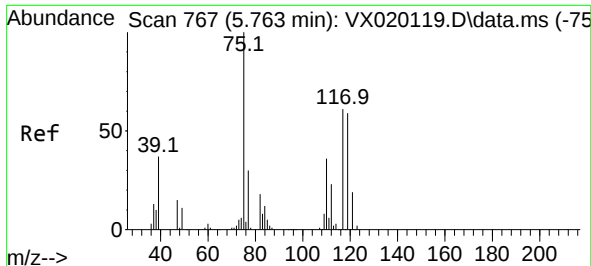
Tgt Ion:114 Resp: 383142
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.18 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Tgt Ion:113 Resp: 120537
Ion Ratio Lower Upper
113 100
111 105.3 81.9 122.9
192 21.9 16.7 25.1

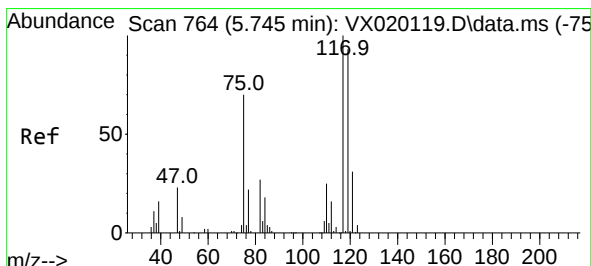
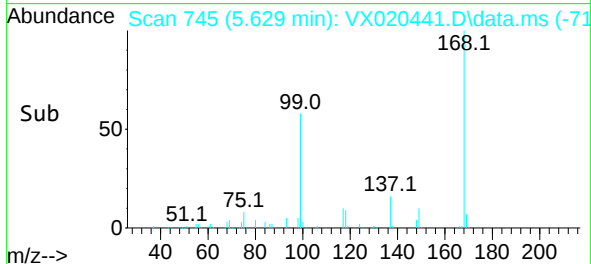
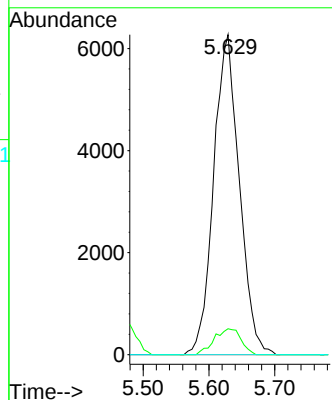
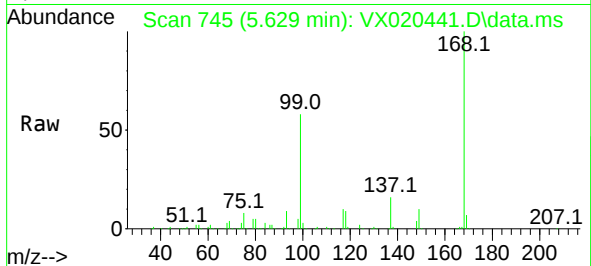




#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

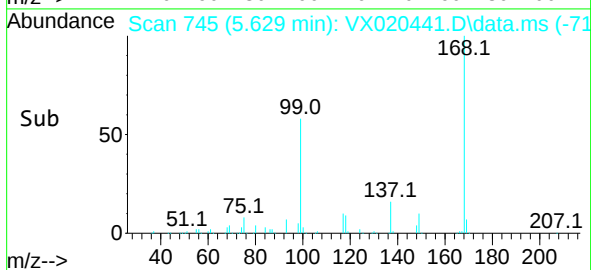
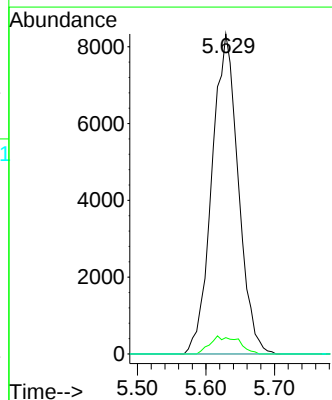
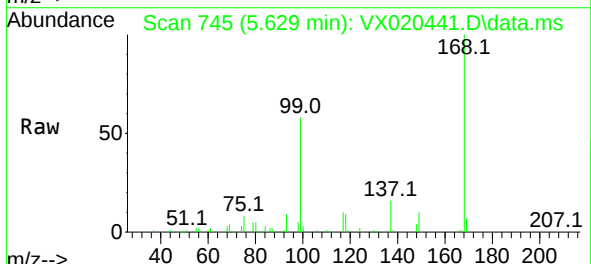
Instrument :
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1025-FB122820

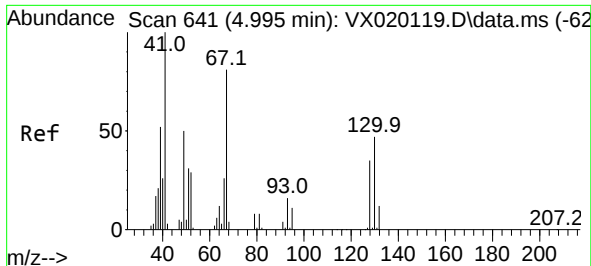
Tgt Ion: 75 Resp: 17052
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Tgt Ion: 117 Resp: 22300
Ion Ratio Lower Upper
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119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

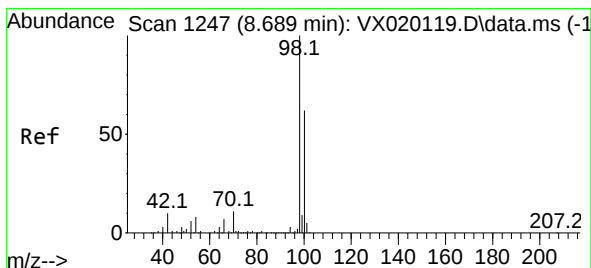
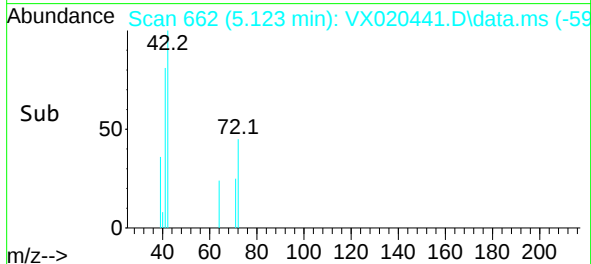
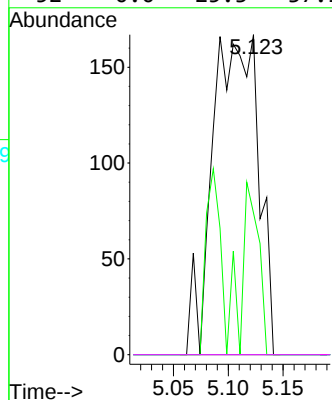
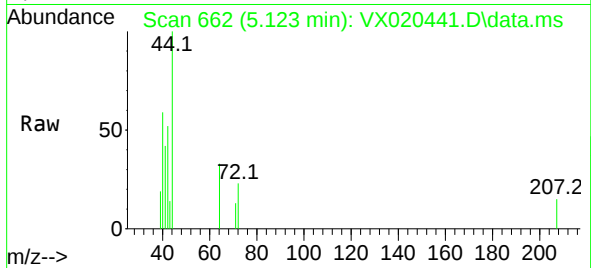




#41
Methacrylonitrile
Concen: 0.23 ug/l
RT: 5.123 min Scan# 662
Delta R.T. 0.128 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

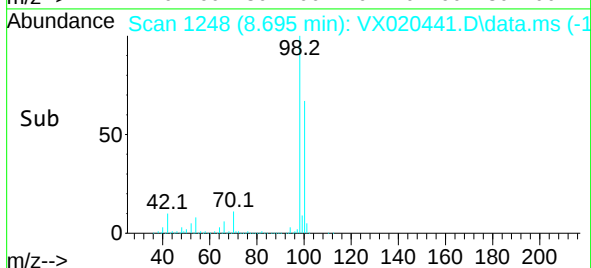
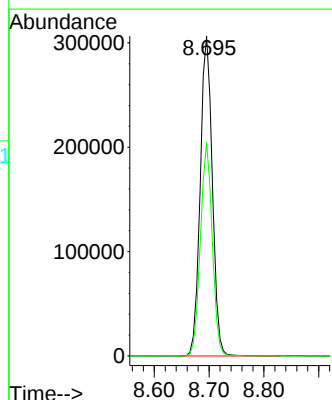
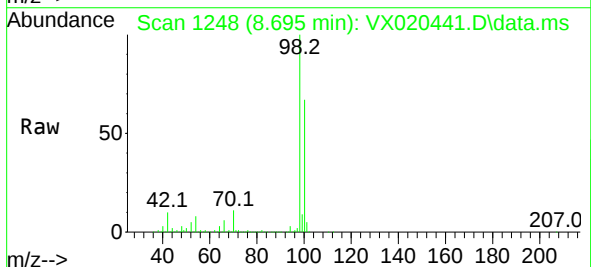
Instrument :
MSVOA_X
ClientSampleId :
1025-FB122820

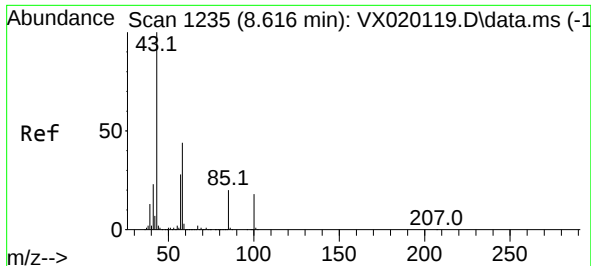
Tgt Ion: 41	Resp: 484
Ion Ratio	Lower Upper
41 100	
39 20.9	42.5 63.7#
67 0.0	65.0 97.6#
52 0.0	25.3 37.9#



#50
Toluene-d8
Concen: 49.85 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Tgt Ion: 98	Resp: 470305
Ion Ratio	Lower Upper
98 100	
100 65.3	51.9 77.9

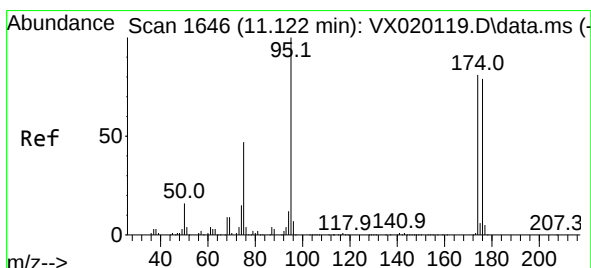
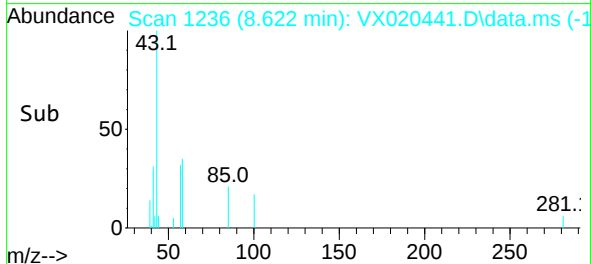
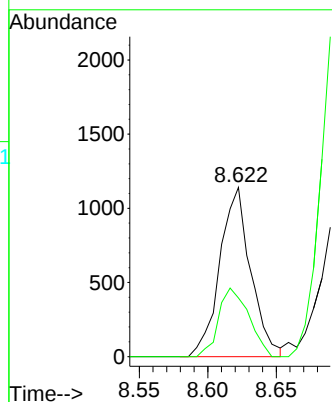
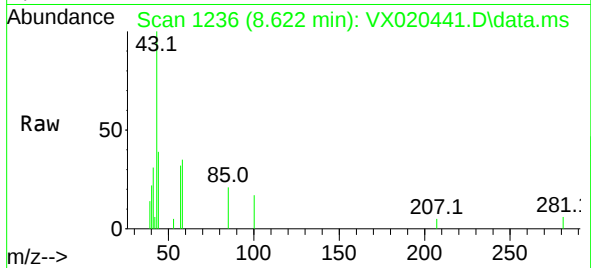




#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

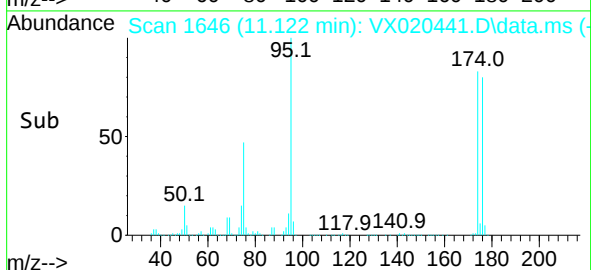
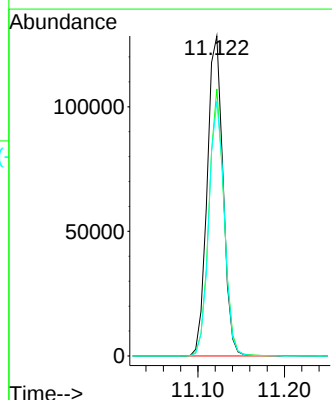
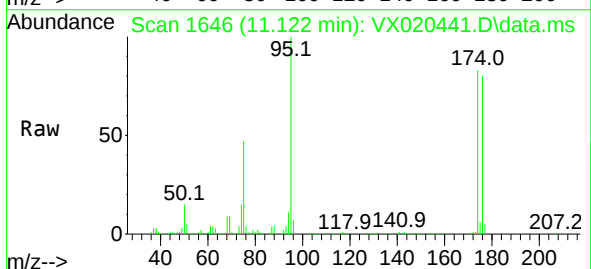
Instrument :
MSVOA_X
ClientSampleId :
1025-FB122820

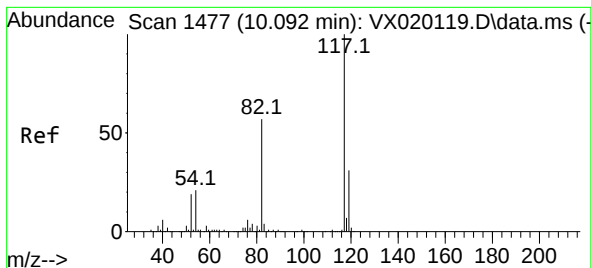
Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 39.8 35.4 53.0



#62
4-Bromofluorobenzene
Concen: 45.16 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Tgt Ion: 95 Resp: 163081
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 77.5 0.0 155.8

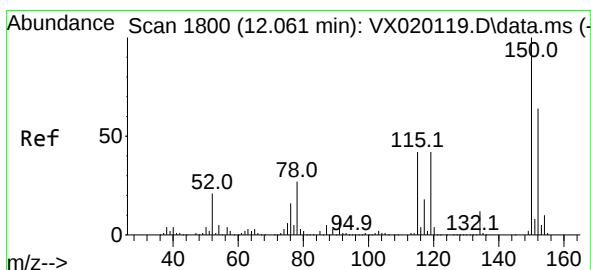
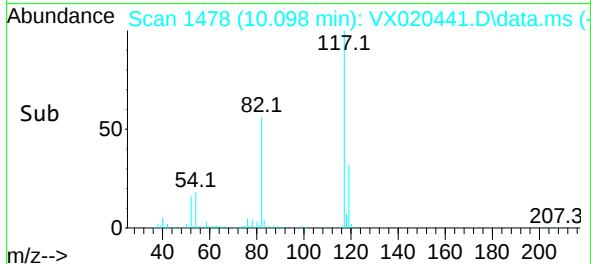
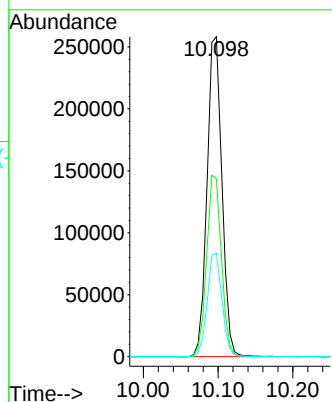
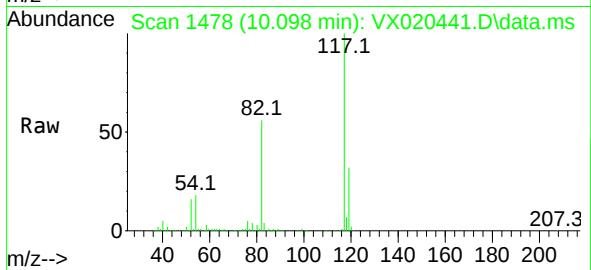




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

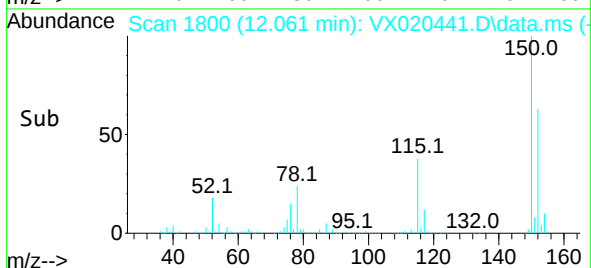
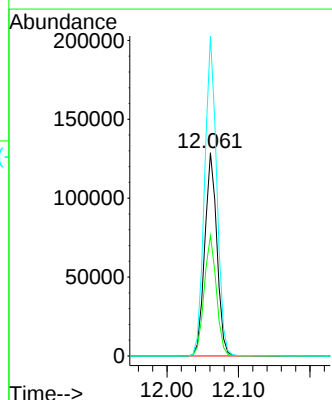
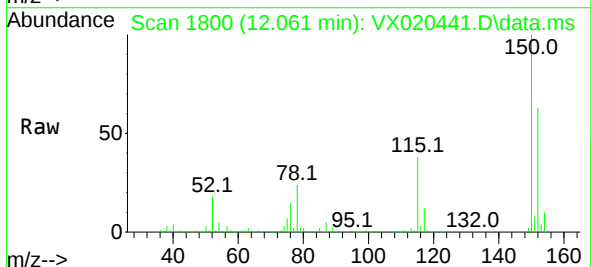
Instrument :
MSVOA_X
ClientSampleId :
1025-FB122820

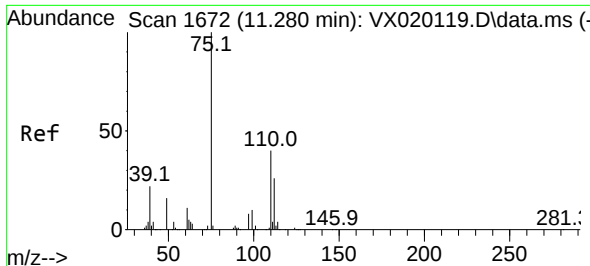
Tgt Ion:117 Resp: 357147
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Tgt Ion:152 Resp: 152242
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 156.7 0.0 349.0

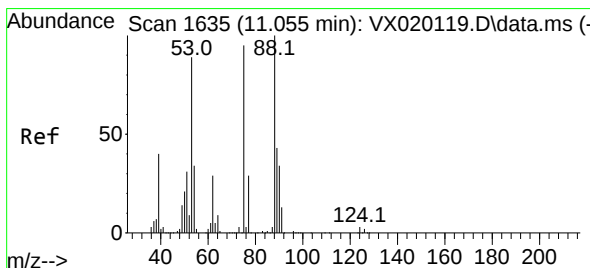
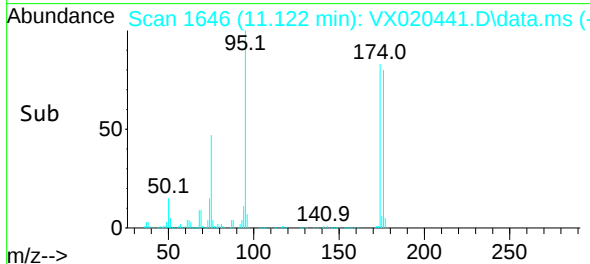
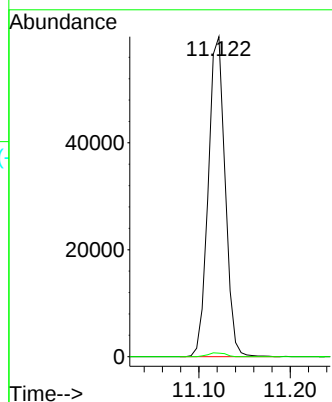
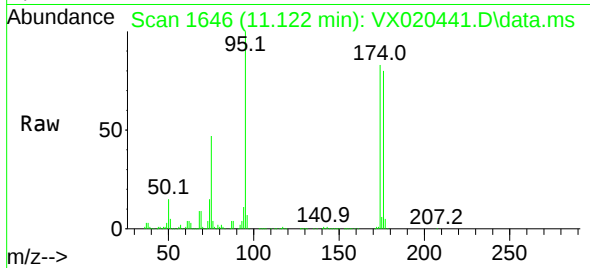




#76
1,2,3-Trichloropropane
Concen: 20.38 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
1025-FB122820

Tgt Ion: 75 Resp: 76438
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.47 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020441.D
Acq: 29 Dec 2020 17:53

Tgt Ion: 75 Resp: 76438
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

