

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
 Data File : VX022667.D
 Acq On : 11 Jun 2021 15:09
 Operator : JC/MD
 Sample : M2688-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB06092021

Quant Time: Jun 12 02:28:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	58733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	118258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	105612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40568	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51297	48.563	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.120%
35) Dibromofluoromethane	5.397	113	35957	47.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	8.653	98	144566	48.604	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.200%
62) 4-Bromofluorobenzene	11.085	95	50335	44.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.500%

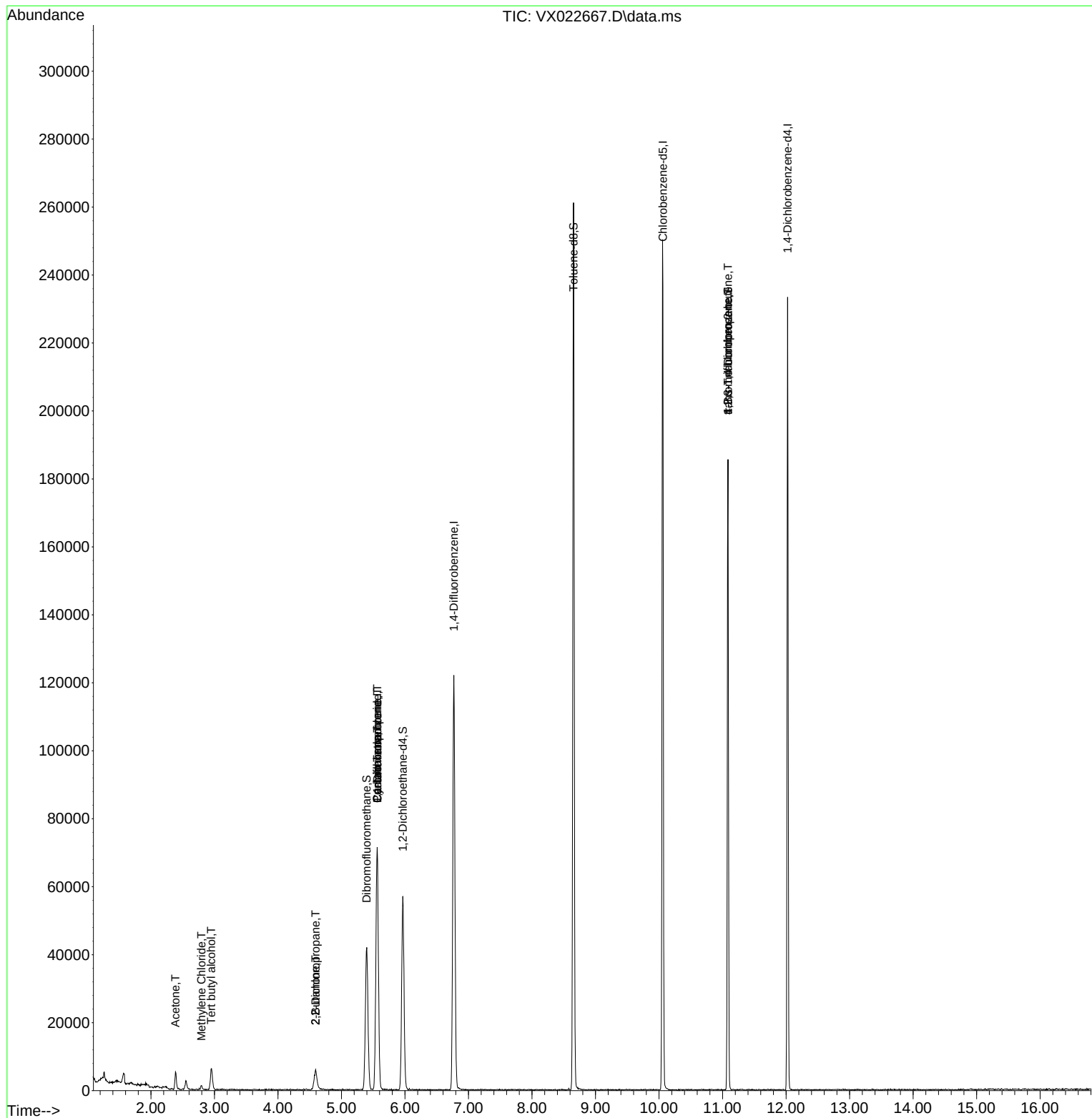
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	4226	17.279	ug/l #	73
16) Acetone	2.386	43	5262	11.125	ug/l	88
20) Methylene Chloride	2.794	84	557	0.334	ug/l #	86
25) 2-Butanone	4.593	43	485	0.632	ug/l #	45
26) 2,2-Dichloropropane	4.593	77	412	0.341	ug/l #	52
31) Cyclohexane	5.562	56	1717	1.347	ug/l #	43
36) 1,1-Dichloropropene	5.562	75	6145	5.215	ug/l #	47
38) Carbon Tetrachloride	5.562	117	6886	6.832	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	26716	24.838	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26716	62.578	ug/l #	12

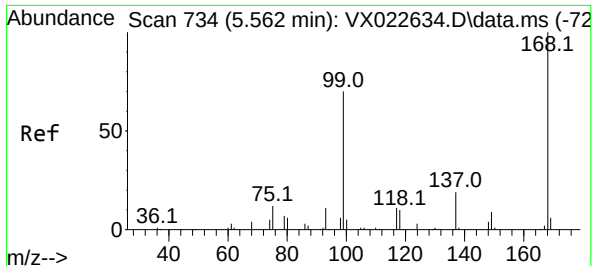
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061121\
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MSVOA_X
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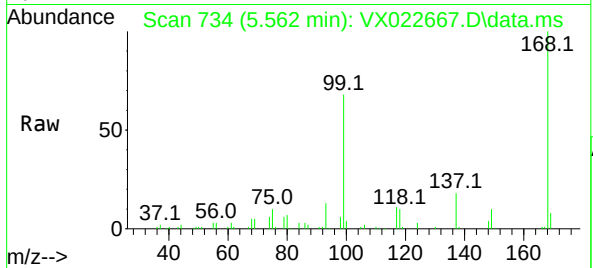
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



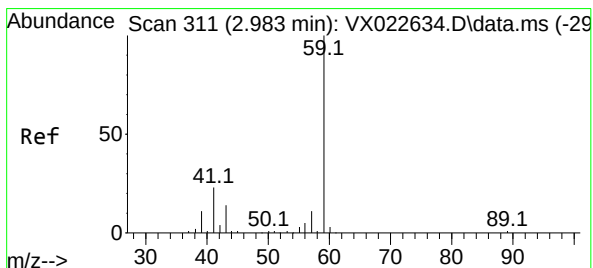
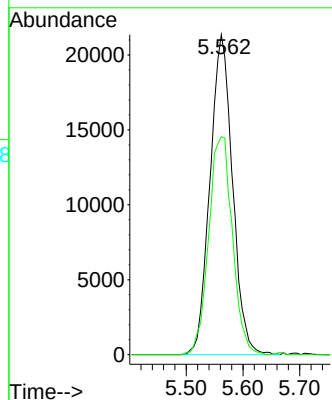
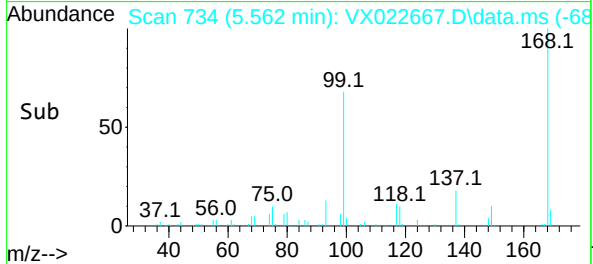


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

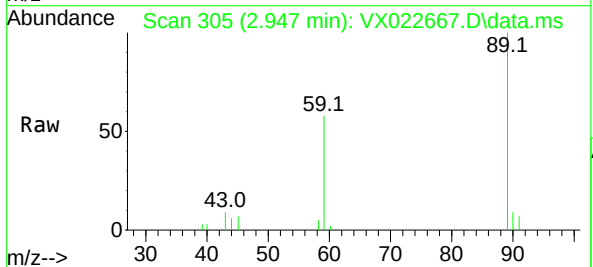
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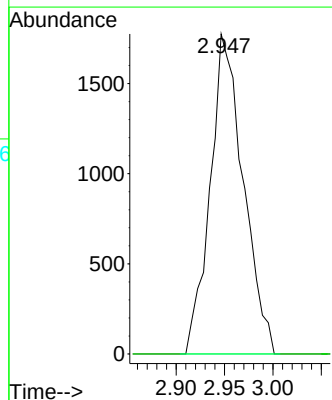
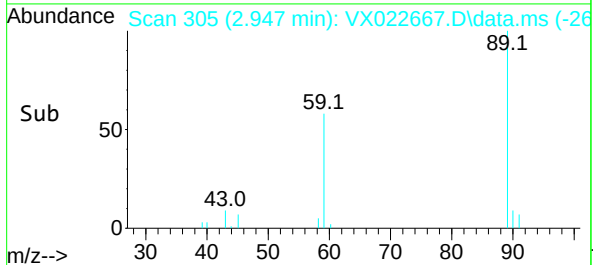
Tgt Ion:168 Resp: 58733
Ion Ratio Lower Upper
168 100
99 68.1 45.8 68.6

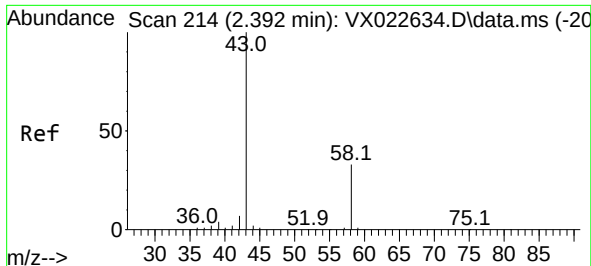


#11
Tert butyl alcohol
Concen: 17.279 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09



Tgt Ion: 59 Resp: 4226
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

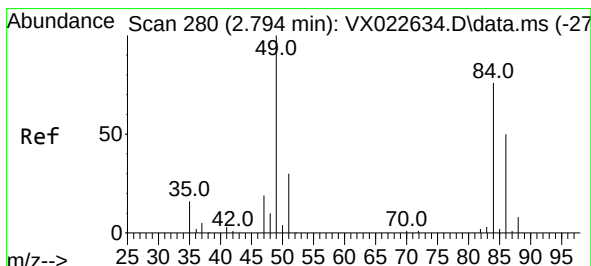
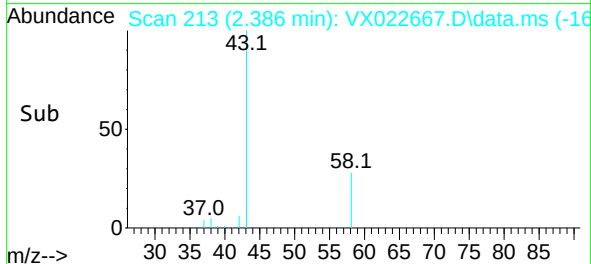
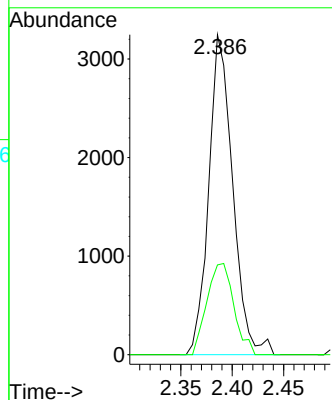
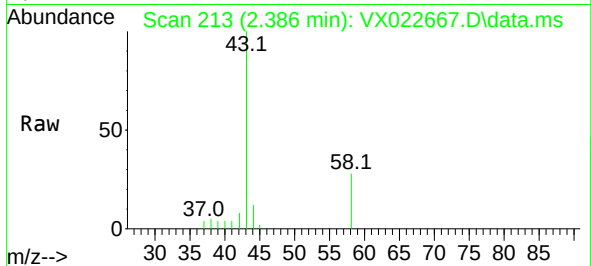




#16
Acetone
Concen: 11.125 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

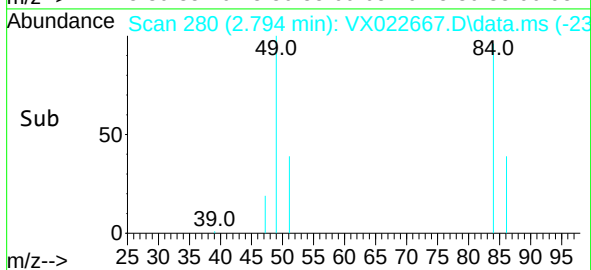
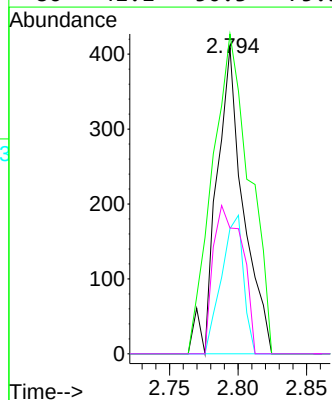
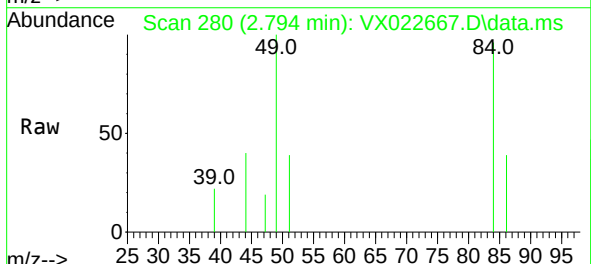
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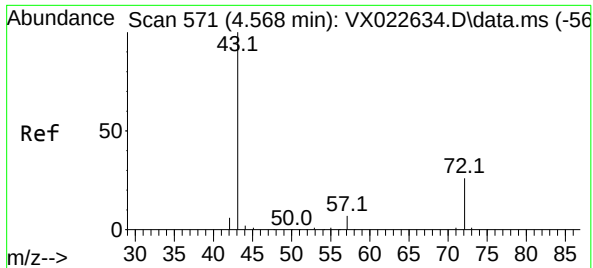
Tgt Ion: 43 Resp: 5262
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

Tgt Ion: 84 Resp: 557
Ion Ratio Lower Upper
84 100
49 104.4 88.6 132.8
51 40.8 27.0 40.6#
86 41.1 50.3 75.5#

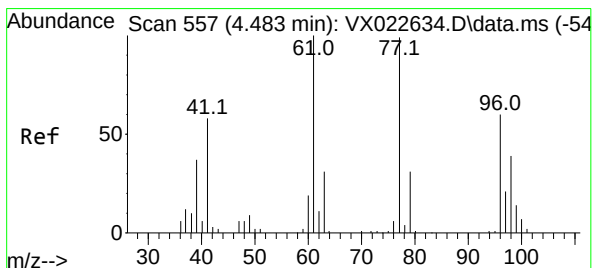
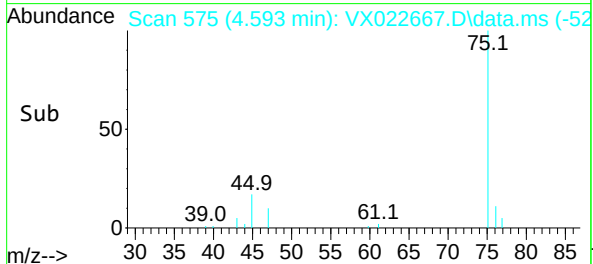
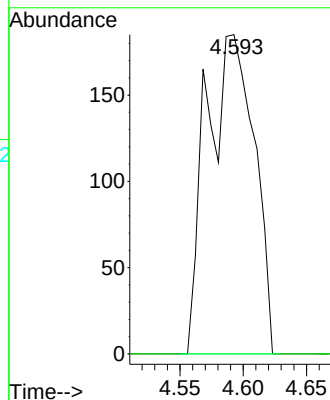
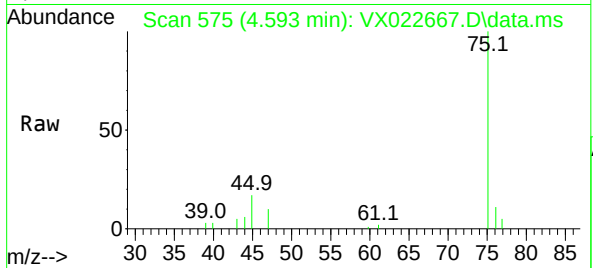




#25
2-Butanone
Concen: 0.632 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

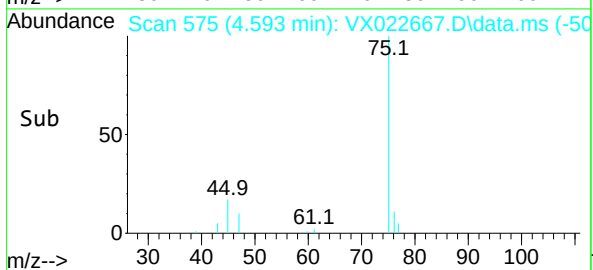
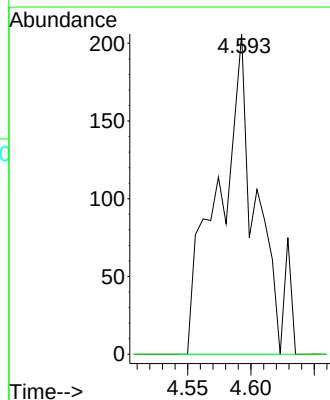
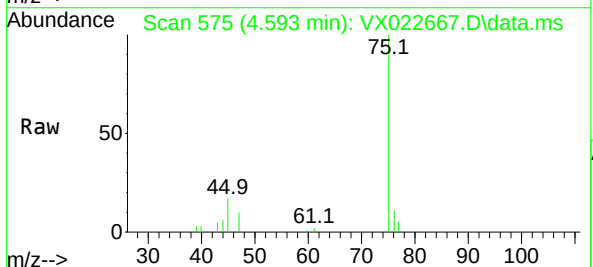
Instrument :
MSVOA_X
ClientSampleId :
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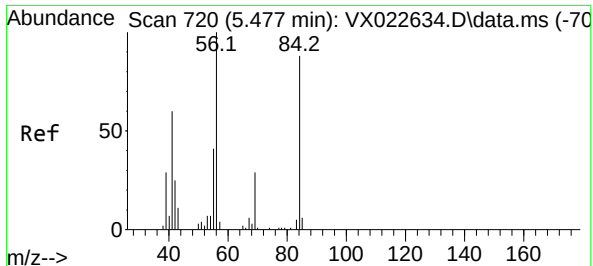
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.341 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.104 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

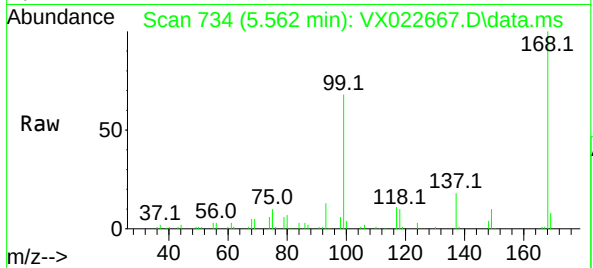
Tgt Ion: 77 Resp: 412
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



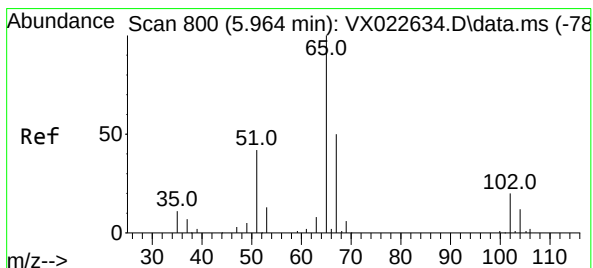
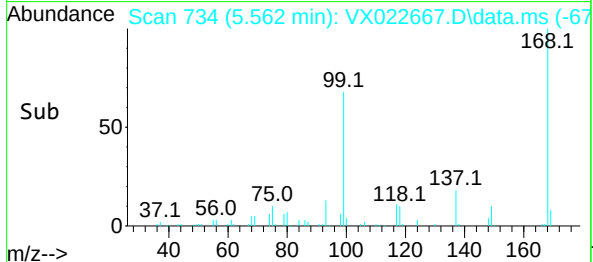
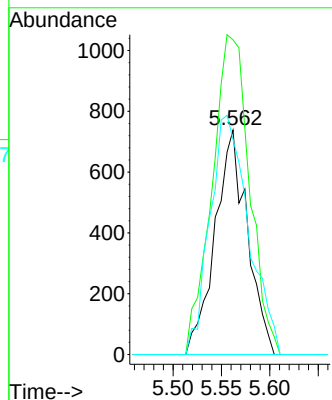


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

Instrument :
MSVOA_X
ClientSampleId :
FB06092021

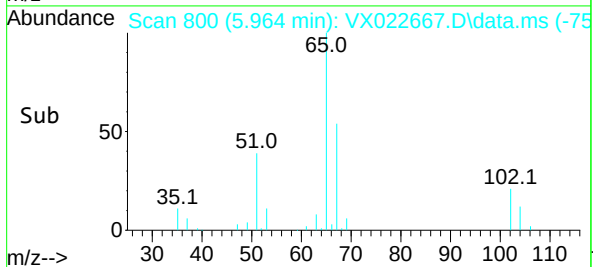
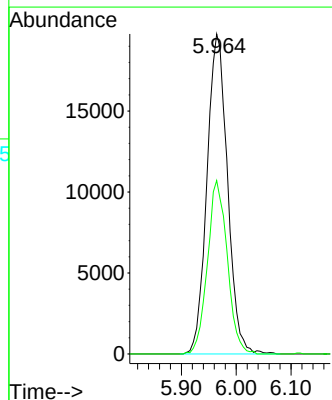
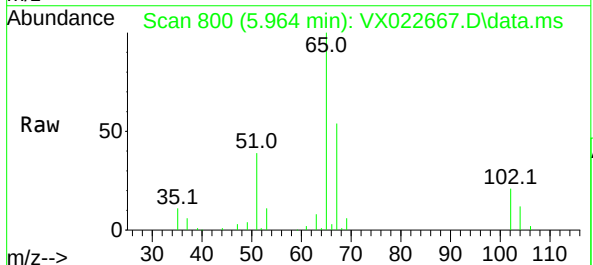


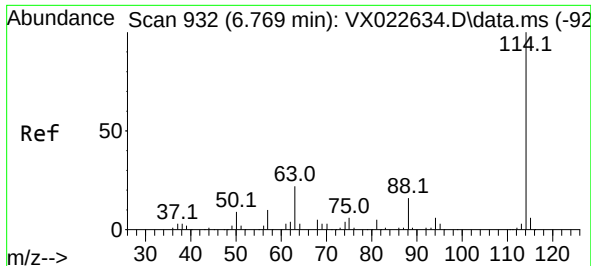
Tgt Ion: 56 Resp: 1717
Ion Ratio Lower Upper
56 100
69 140.2 25.3 37.9#
84 95.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 48.563 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

Tgt Ion: 65 Resp: 51297
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

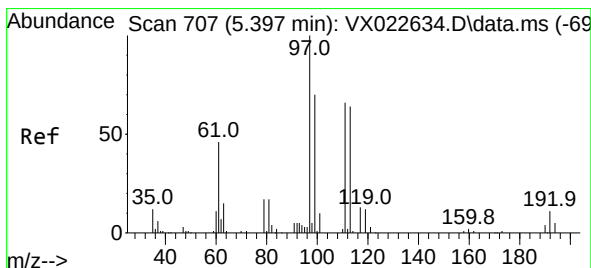
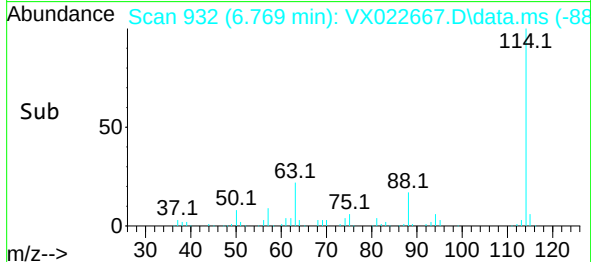
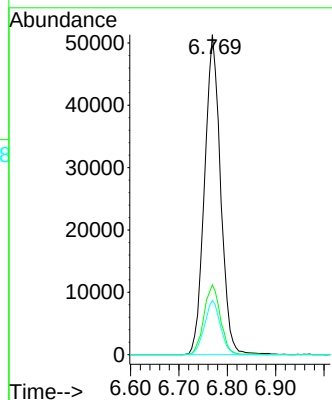
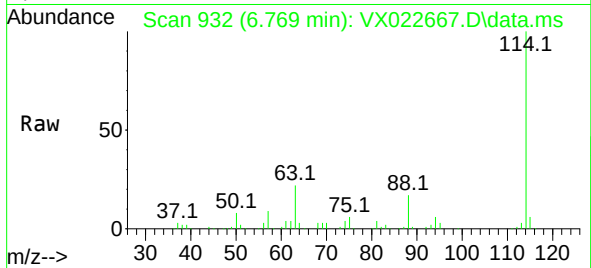




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

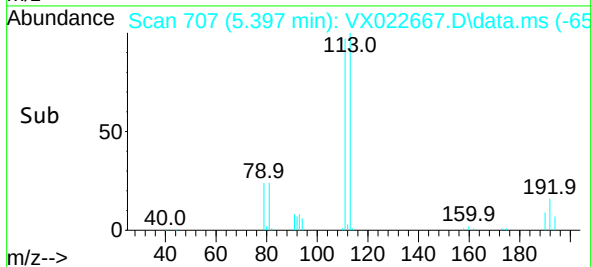
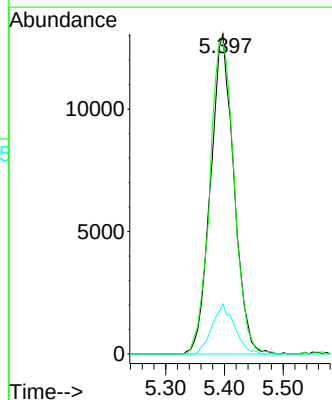
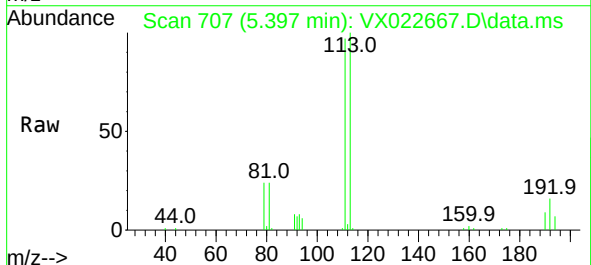
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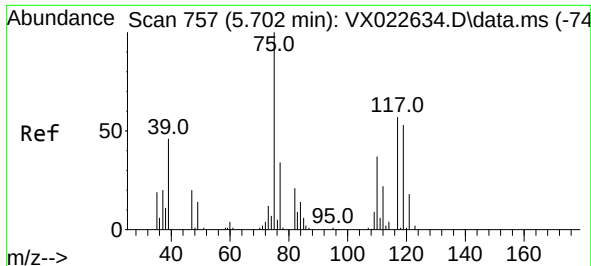
Tgt Ion:114 Resp: 118258
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.656 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

Tgt Ion:113 Resp: 35957
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 15.0 16.7 25.1#

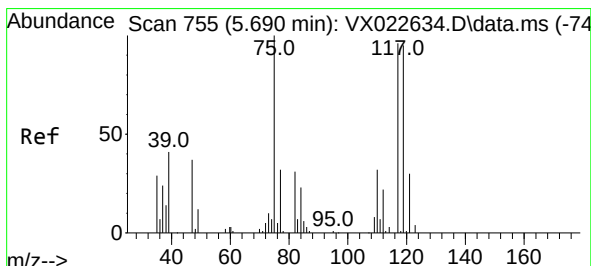
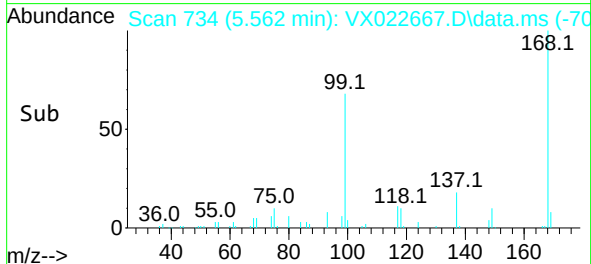
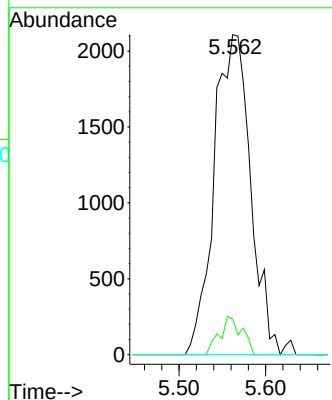
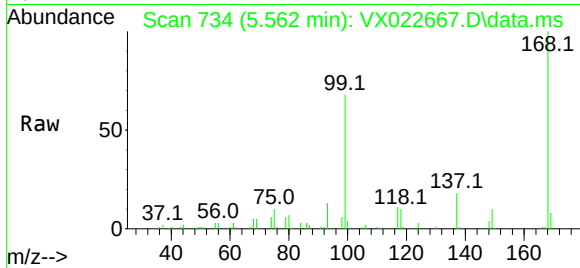




#36
1,1-Dichloropropene
Concen: 5.215 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

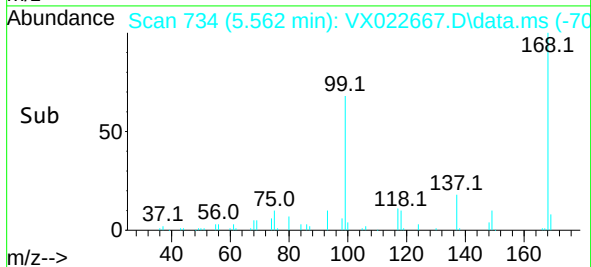
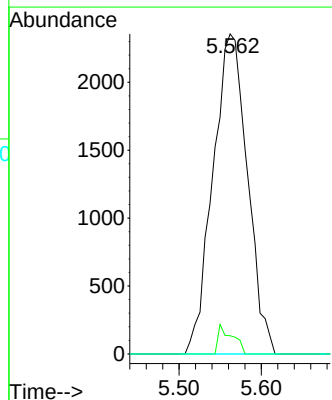
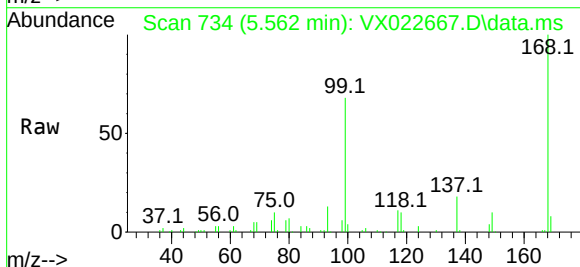
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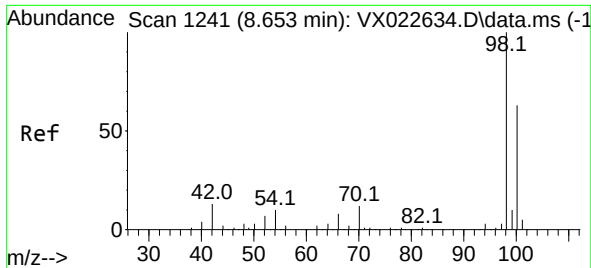
Tgt Ion: 75 Resp: 6145
Ion Ratio Lower Upper
75 100
110 7.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.832 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

Tgt Ion: 117 Resp: 6886
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

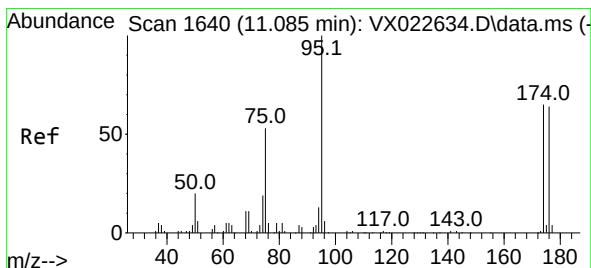
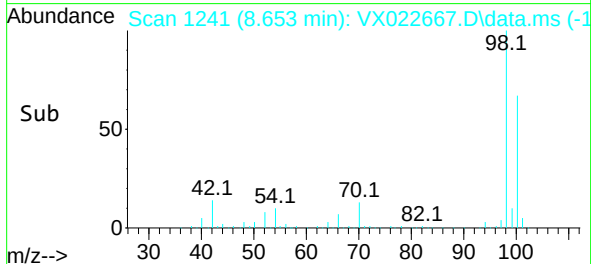
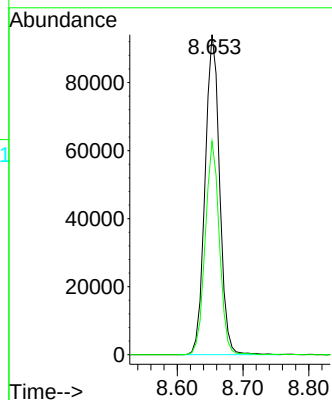
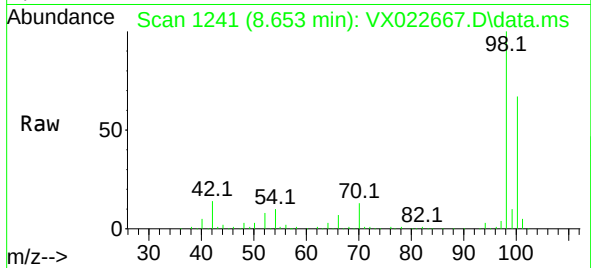




#50
Toluene-d8
Concen: 48.604 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

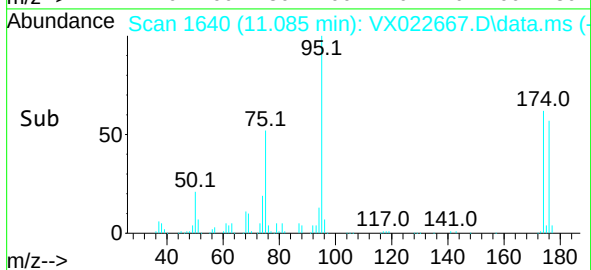
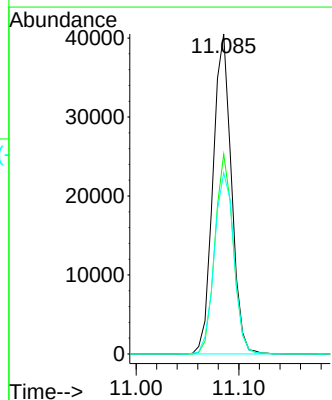
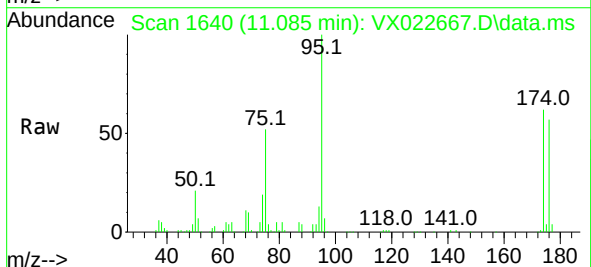
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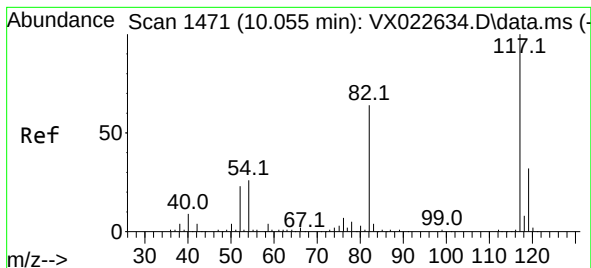
Tgt Ion: 98 Resp: 144566
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.746 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

Tgt Ion: 95 Resp: 50335
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 60.3 0.0 155.8

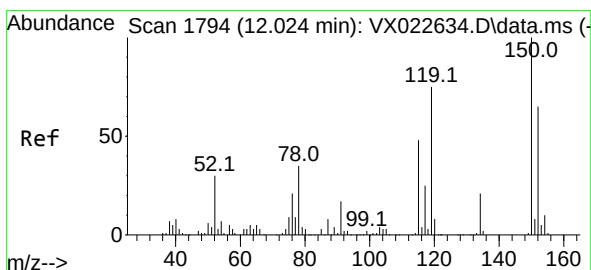
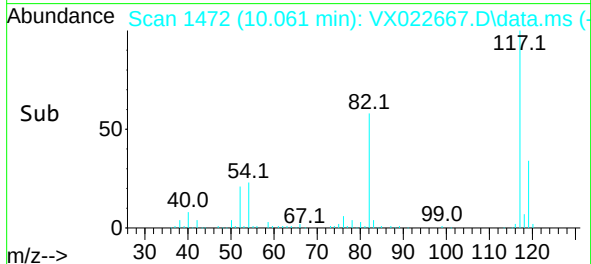
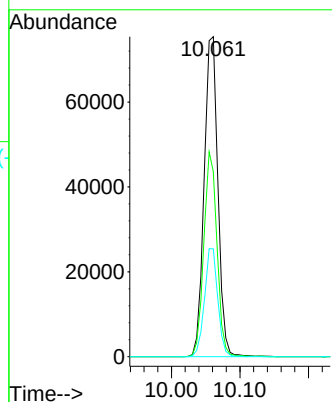
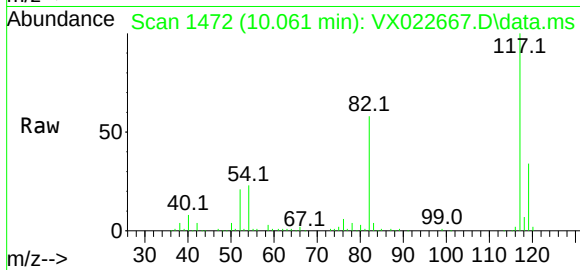




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

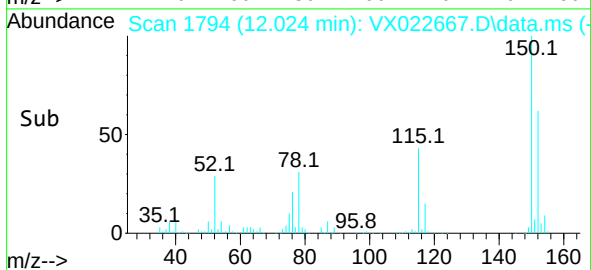
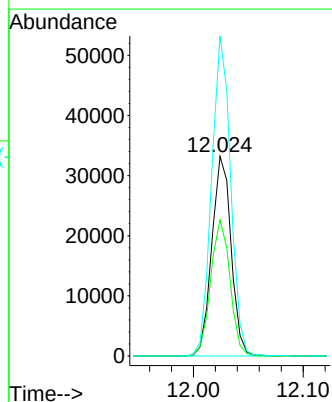
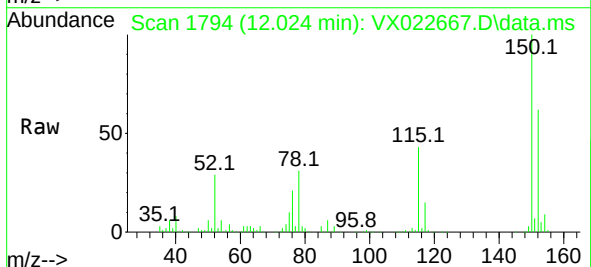
Instrument :
MSVOA_X
ClientSampleId :
FB06092021

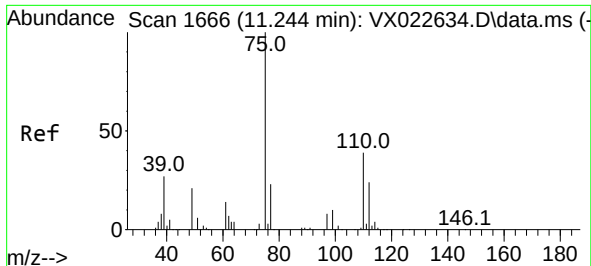
Tgt Ion:117 Resp: 105612
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 33.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

Tgt Ion:152 Resp: 40568
Ion Ratio Lower Upper
152 100
115 68.1 41.1 123.3
150 157.9 0.0 349.0

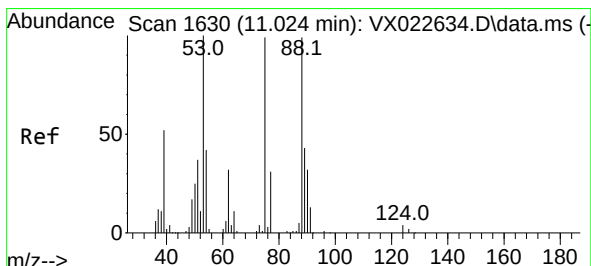
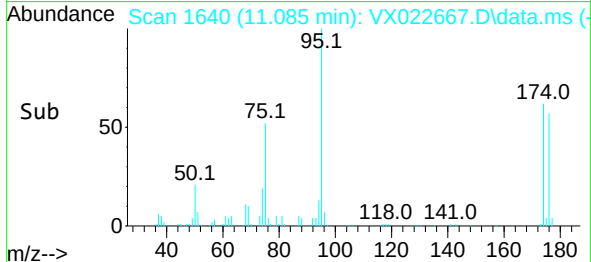
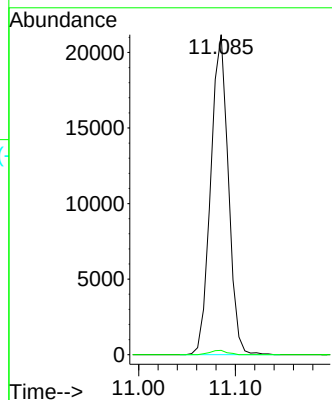
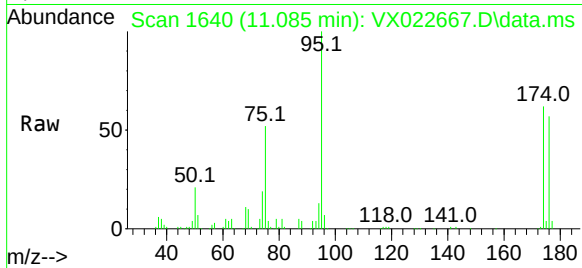




#76
1,2,3-Trichloropropane
Concen: 24.838 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

Instrument :
MSVOA_X
ClientSampleId :
FB06092021

Tgt Ion: 75 Resp: 26716
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.578 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022667.D
Acq: 11 Jun 2021 15:09

Tgt Ion: 75 Resp: 26716
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

