

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023444.D
 Acq On : 26 Jul 2021 12:29
 Operator : JC/MD
 Sample : M3145-20 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 03:26:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

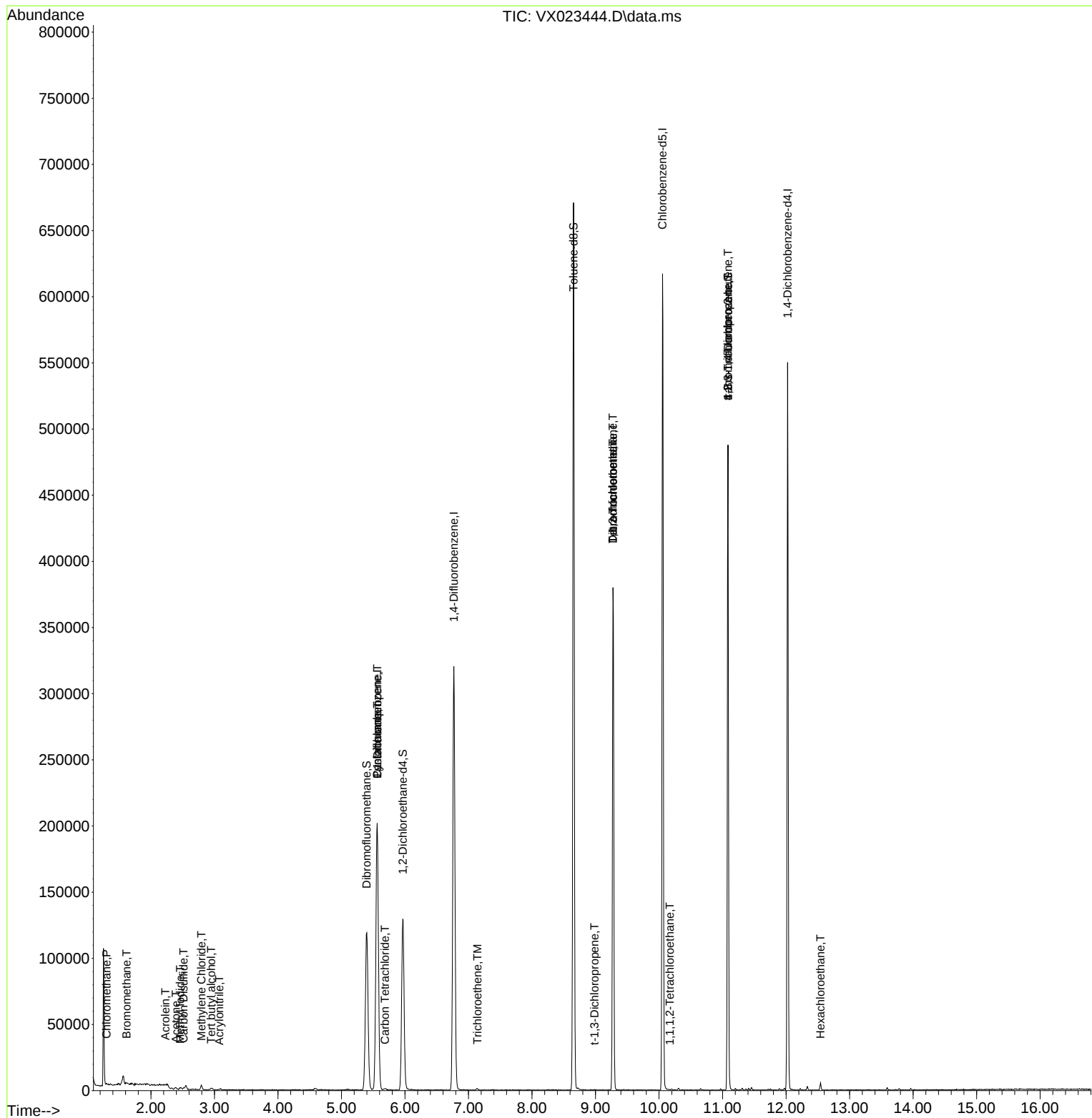
Internal Standards						
1) Pentafluorobenzene	5.562	168	195691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	124467	50.99	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.98%			
35) Dibromofluoromethane	5.397	113	104064	50.87	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.74%			
50) Toluene-d8	8.653	98	388575	51.70	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.40%			
62) 4-Bromofluorobenzene	11.085	95	121098	47.38	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.76%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	472	0.23	ug/l #	52
5) Bromomethane	1.617	94	868	0.69	ug/l	83
10) Methyl Iodide	2.459	142	1750	0.72	ug/l #	95
11) Tert butyl alcohol	2.946	59	971	1.74	ug/l #	73
13) Acrolein	2.227	56	97	1.70	ug/l #	14
15) Acrylonitrile	3.074	53	401	0.32	ug/l #	79
16) Acetone	2.392	43	1509	1.26	ug/l	96
17) Carbon Disulfide	2.514	76	1522	0.32	ug/l #	89
20) Methylene Chloride	2.794	84	1511	0.65	ug/l	98
31) Cyclohexane	5.562	56	4099	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	14658	4.95	ug/l #	50
38) Carbon Tetrachloride	5.684	117	909	0.30	ug/l #	68
44) Trichloroethene	7.141	130	500	0.21	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	185	1.87	ug/l #	44
55) 1,1,2-Trichloroethane	9.274	97	595	0.27	ug/l #	1
60) Dibromochloromethane	9.274	129	68938	29.11	ug/l #	11
64) Tetrachloroethene	9.274	164	71573	31.72	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.171	131	24	0.98	ug/l #	8
76) 1,2,3-Trichloropropane	11.085	75	62290	25.57	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	62290	68.76	ug/l #	12
90) Hexachloroethane	12.542	117	568	2.34	ug/l	93

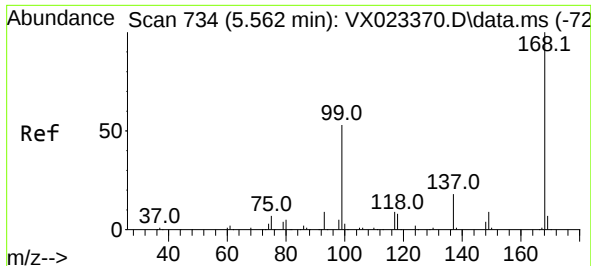
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

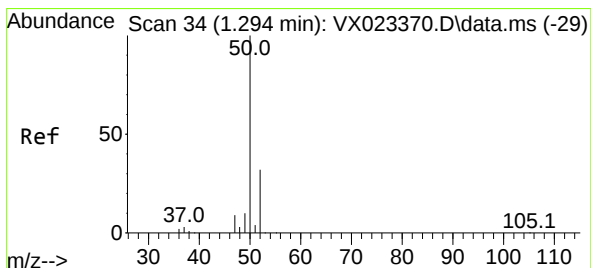
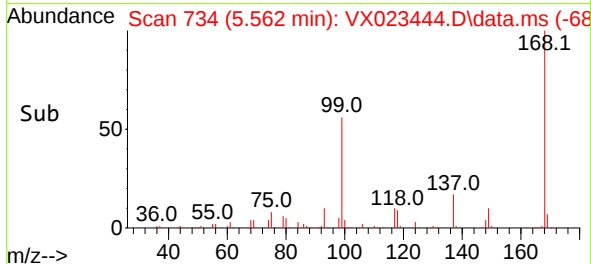
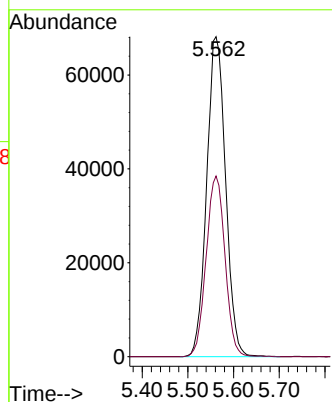
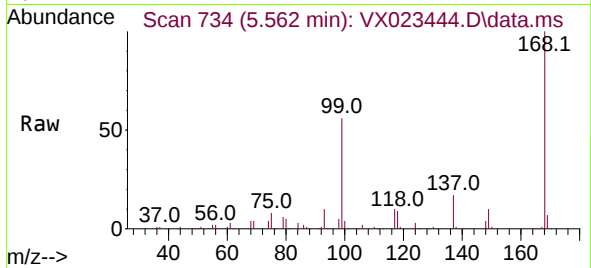




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

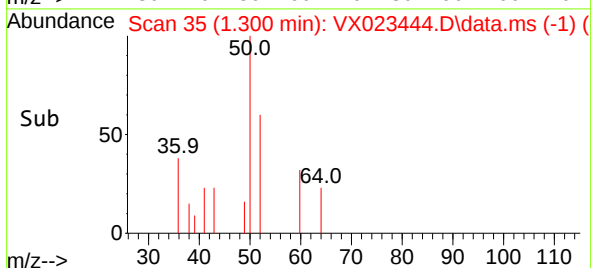
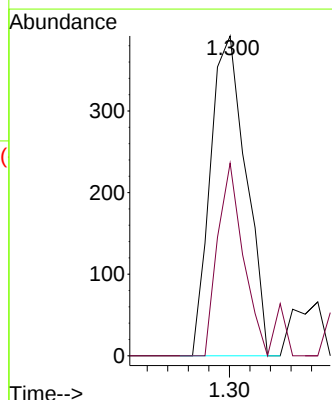
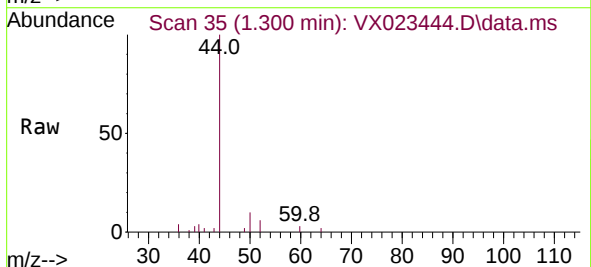
Instrument :
MSVOA_X
ClientSampled :

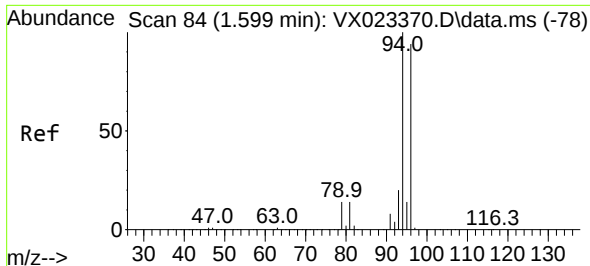
Tgt Ion:168 Resp: 195691
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#3
Chloromethane
Concen: 0.23 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 60.2 26.4 39.6#

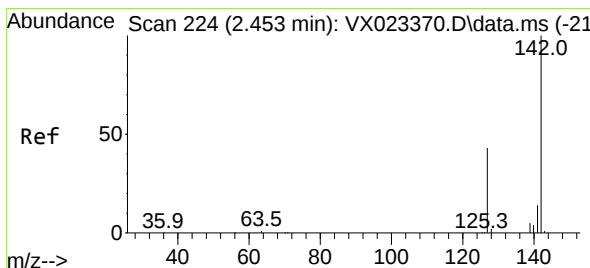
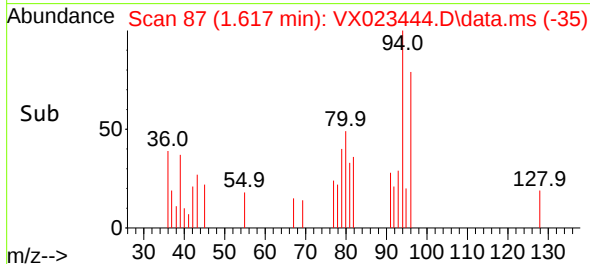
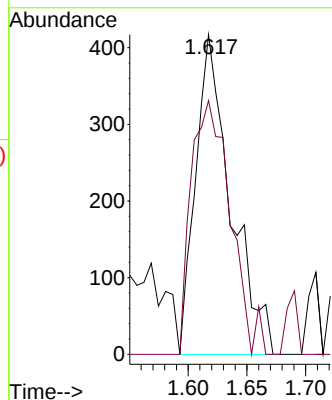
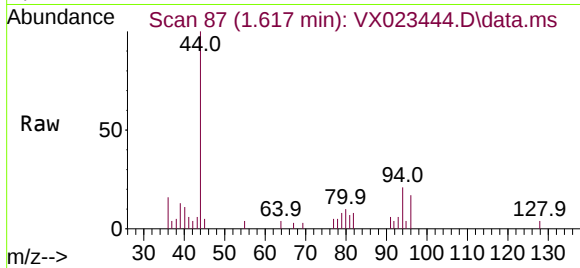




#5
Bromomethane
Concen: 0.69 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

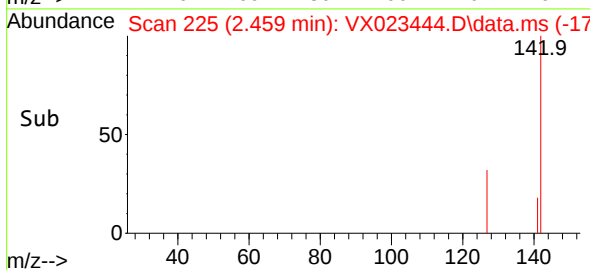
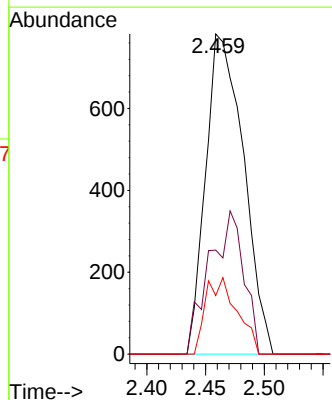
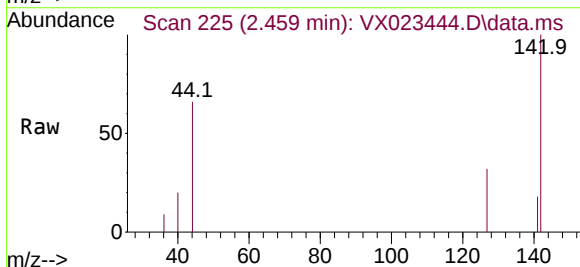
Instrument :
MSVOA_X
ClientSampled :

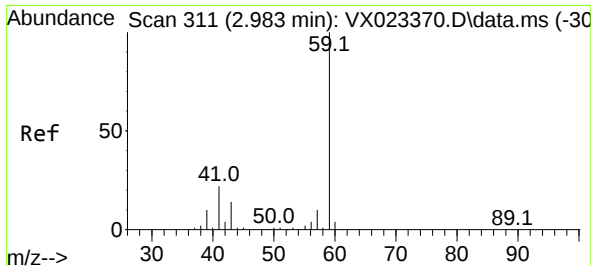
Tgt Ion: 94 Resp: 868
Ion Ratio Lower Upper
94 100
96 79.4 76.4 114.6



#10
Methyl Iodide
Concen: 0.72 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 142 Resp: 1750
Ion Ratio Lower Upper
142 100
127 40.7 33.3 49.9
141 19.9 11.4 17.0#



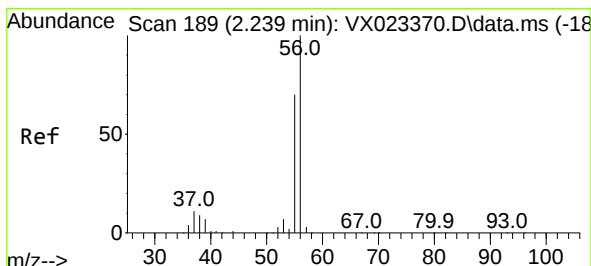
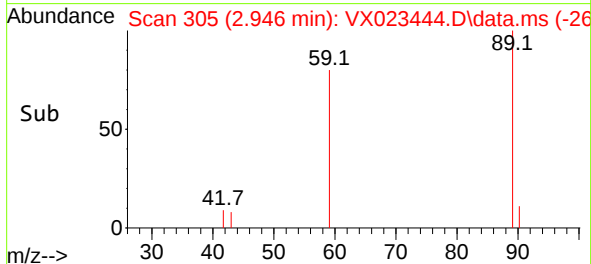
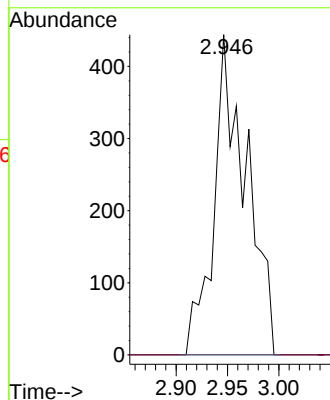
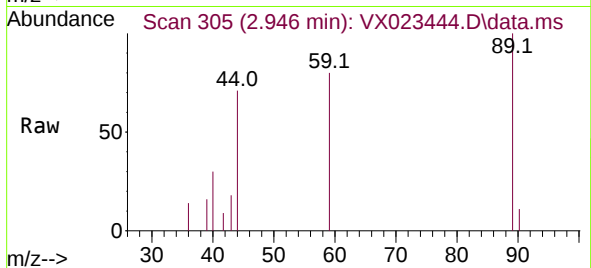


#11

Tert butyl alcohol
Concen: 1.74 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Instrument :
MSVOA_X
ClientSampled :

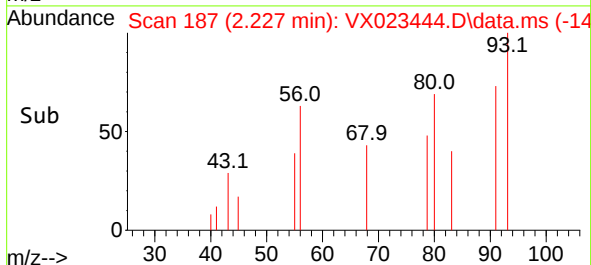
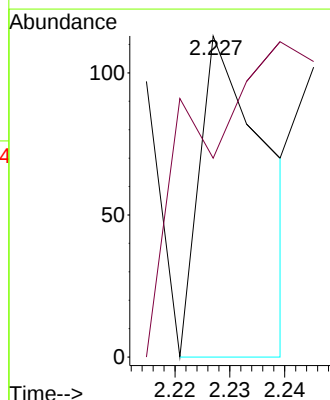
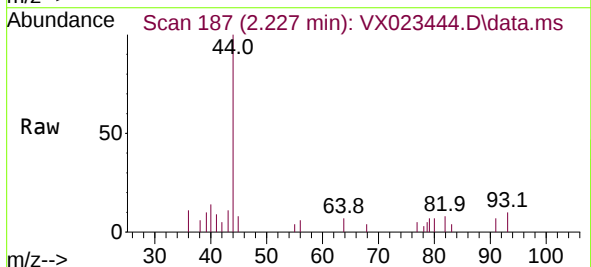
Tgt Ion: 59 Resp: 971
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

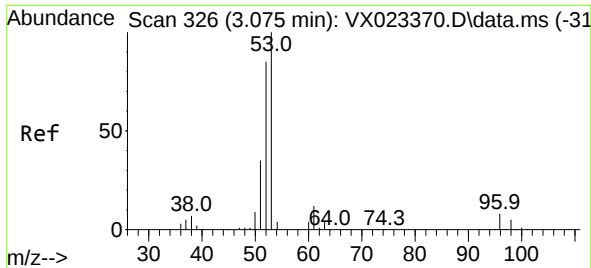


#13

Acrolein
Concen: 1.70 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

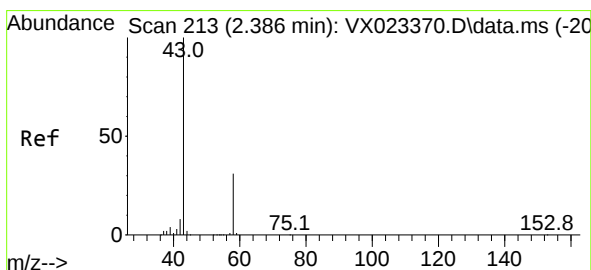
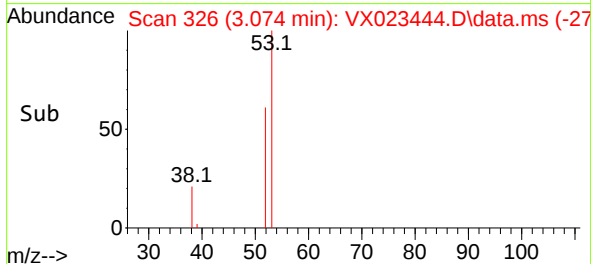
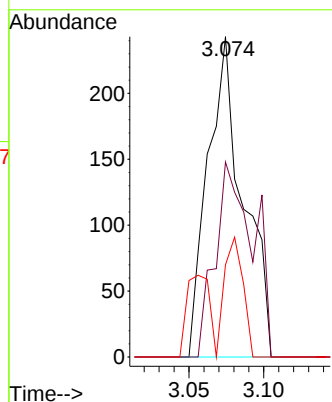
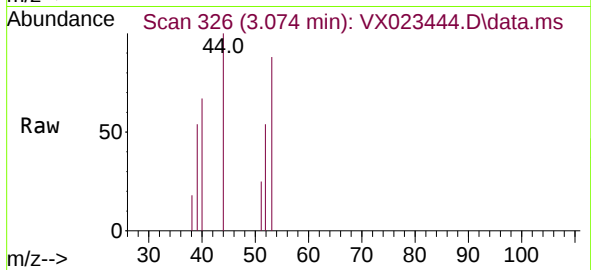




#15
Acrylonitrile
Concen: 0.32 ug/l
RT: 3.074 min Scan# 326
Delta R.T. -0.001 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

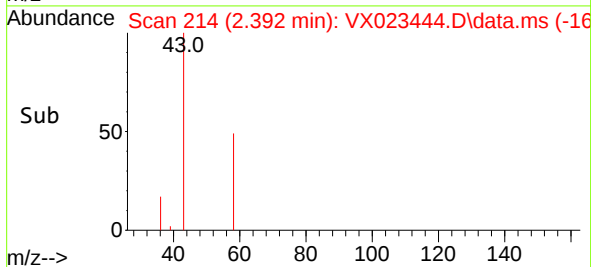
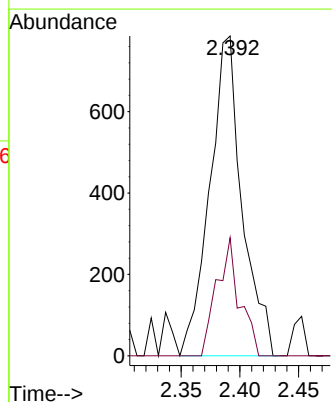
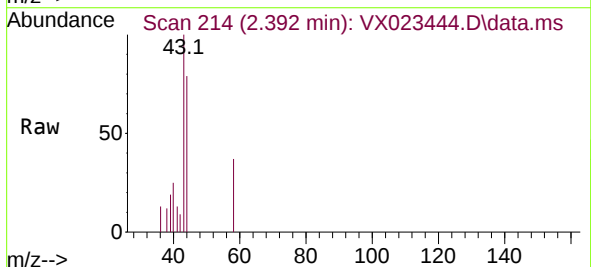
Instrument :
MSVOA_X
ClientSampled :

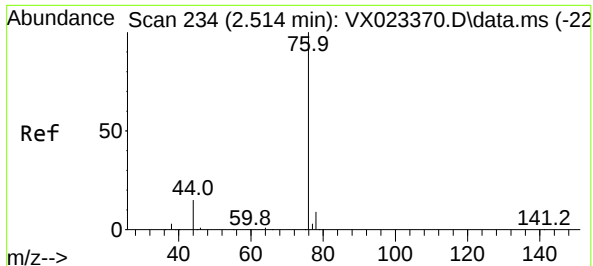
Tgt Ion: 53 Resp: 401
Ion Ratio Lower Upper
53 100
52 64.8 65.3 97.9#
51 19.7 28.2 42.2#



#16
Acetone
Concen: 1.26 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 43 Resp: 1509
Ion Ratio Lower Upper
43 100
58 36.9 27.8 41.8

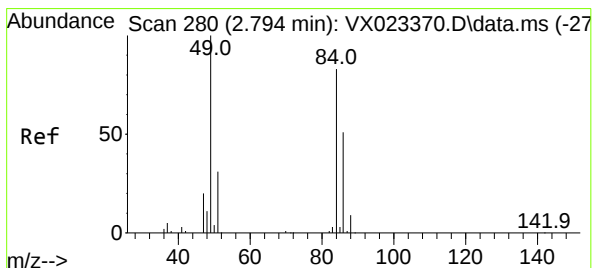
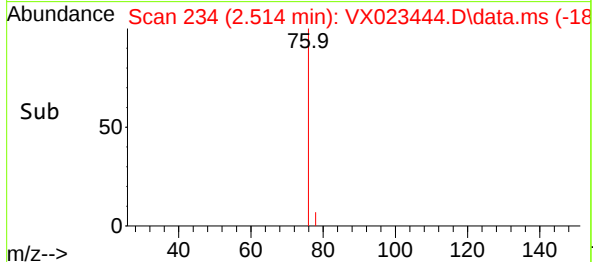
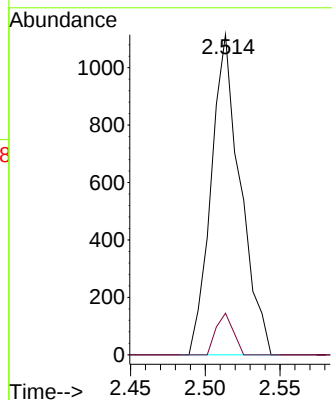
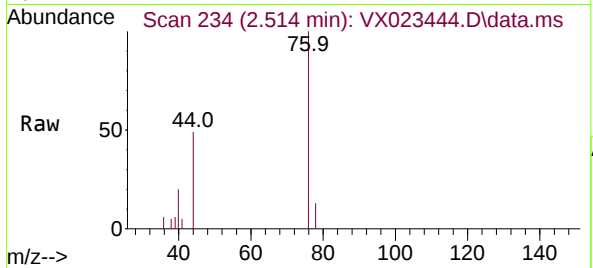




#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

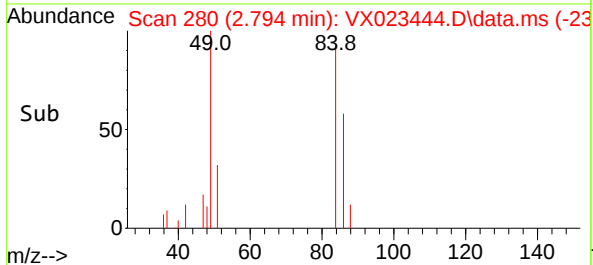
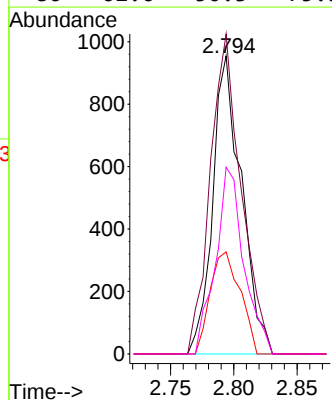
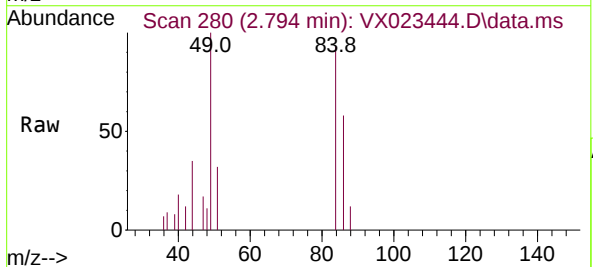
Instrument :
MSVOA_X
ClientSampled :

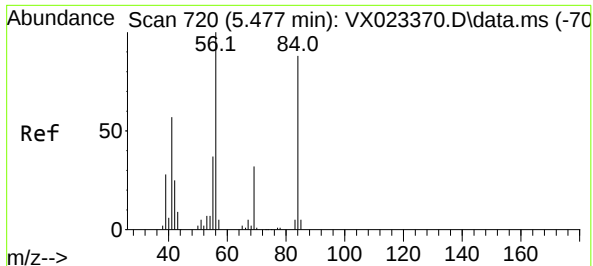
Tgt Ion: 76 Resp: 1522
Ion Ratio Lower Upper
76 100
78 13.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.65 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 84 Resp: 1511
Ion Ratio Lower Upper
84 100
49 107.3 88.6 132.8
51 34.2 27.0 40.6
86 62.6 50.3 75.5

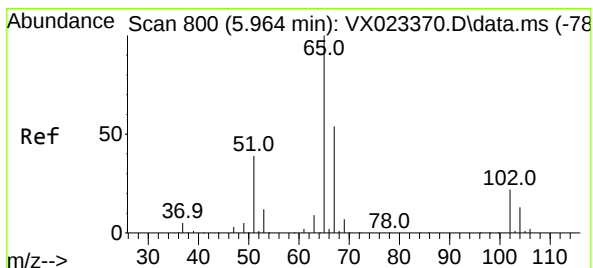
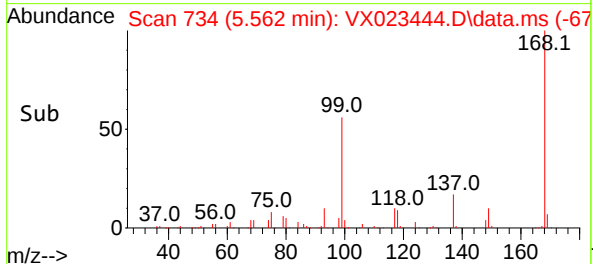
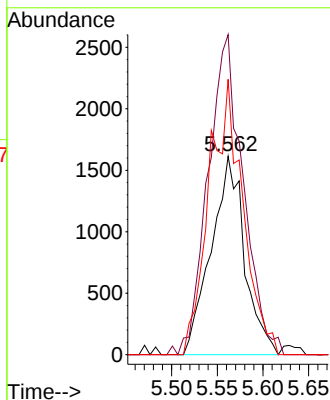
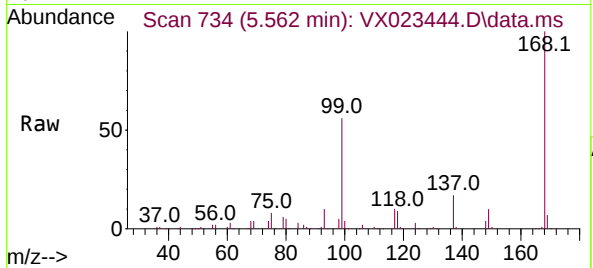




#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

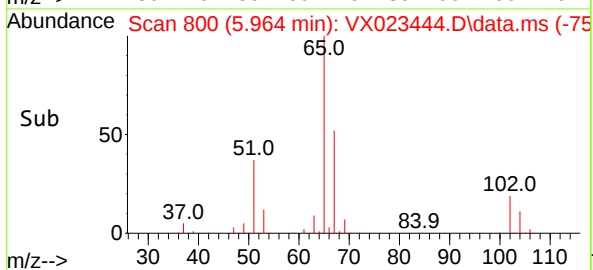
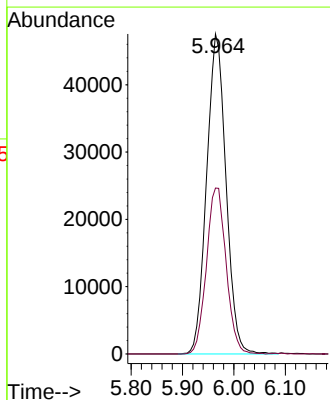
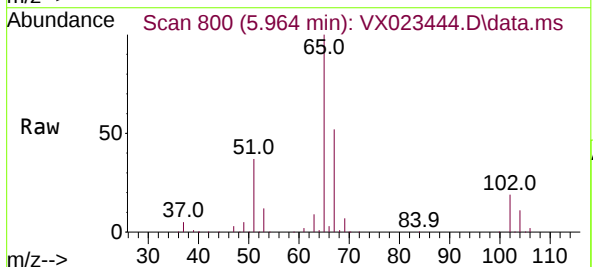
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MSVOA_X
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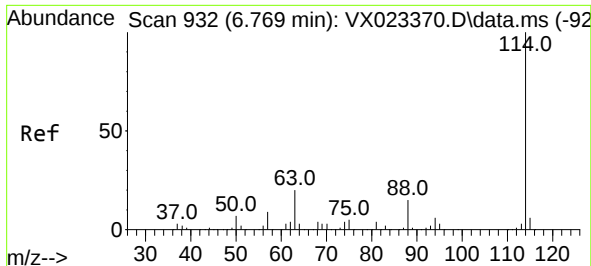
Tgt Ion: 56 Resp: 4099
Ion Ratio Lower Upper
56 100
69 161.3 25.3 37.9#
84 138.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.99 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 65 Resp: 124467
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

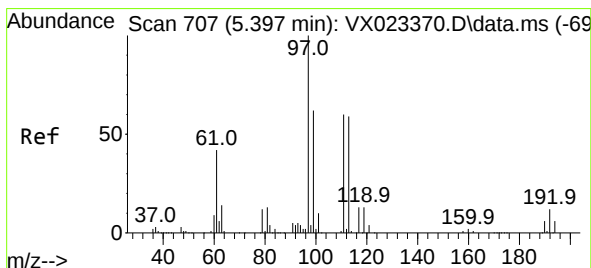
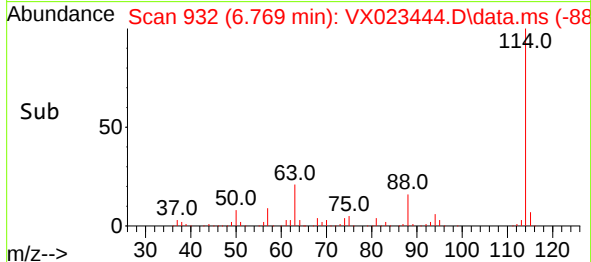
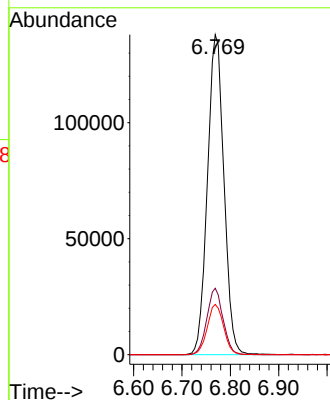
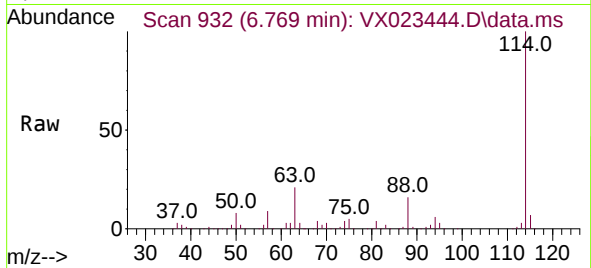




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

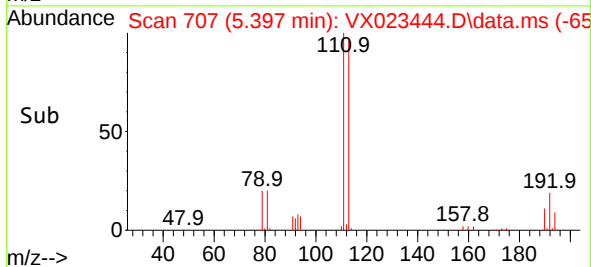
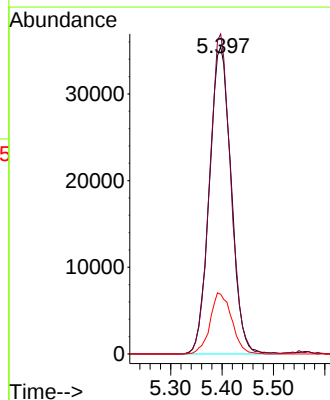
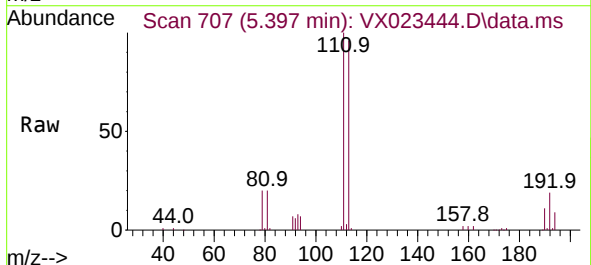
Instrument :
MSVOA_X
ClientSampleId :

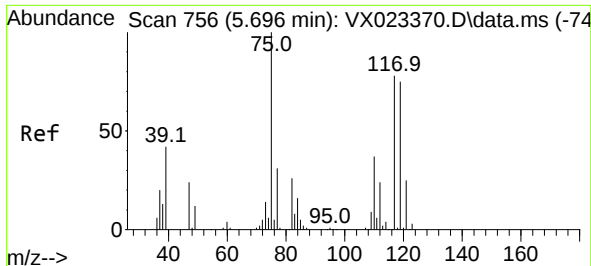
Tgt Ion:114 Resp: 327199
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.87 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion:113 Resp: 104064
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.8 16.7 25.1

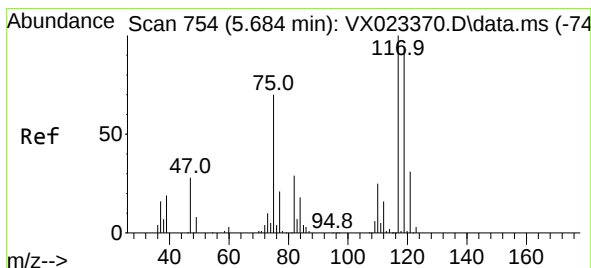
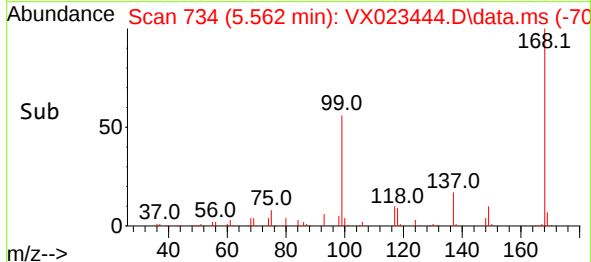
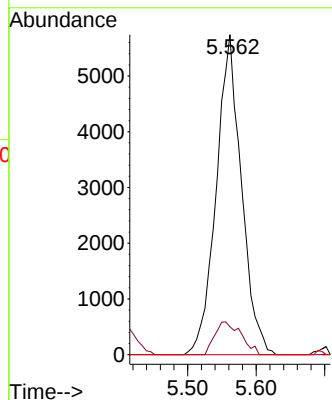
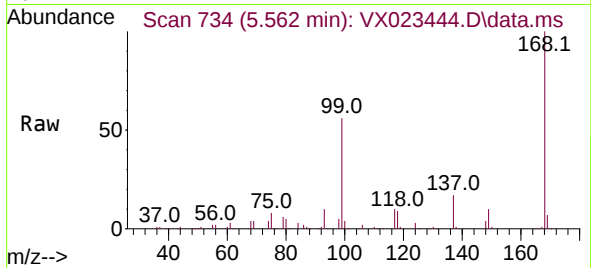




#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

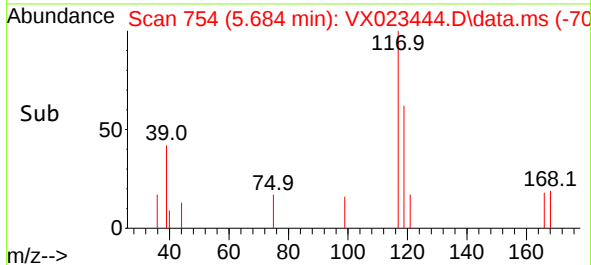
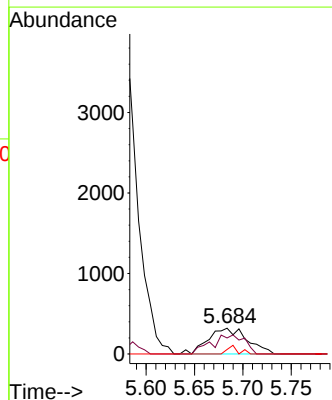
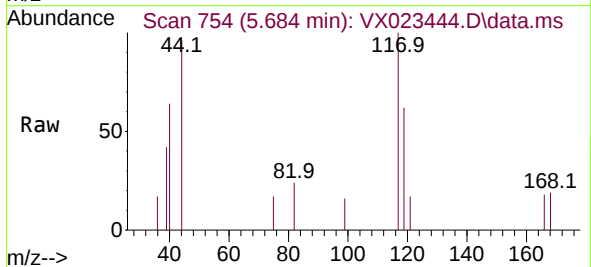
Instrument :
MSVOA_X
ClientSampled :

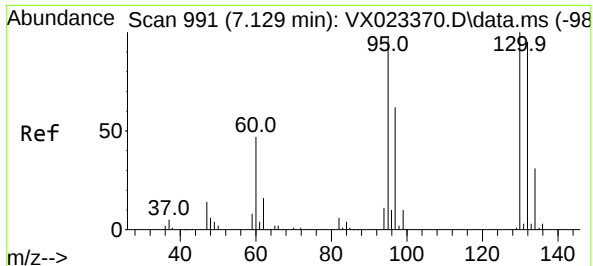
Tgt Ion: 75 Resp: 14658
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 0.30 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 117 Resp: 909
Ion Ratio Lower Upper
117 100
119 62.3 76.2 114.2#
121 17.4 24.8 37.2#

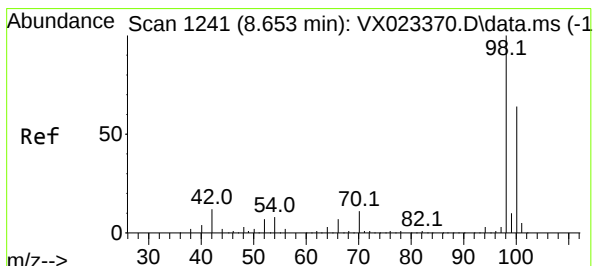
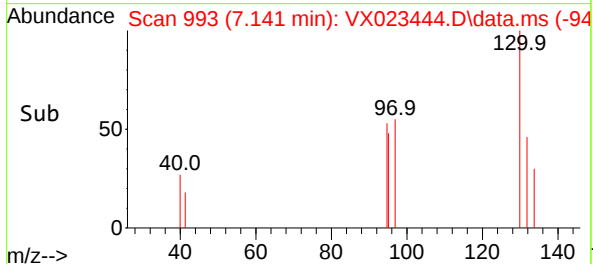
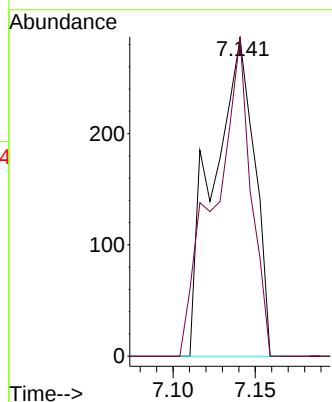
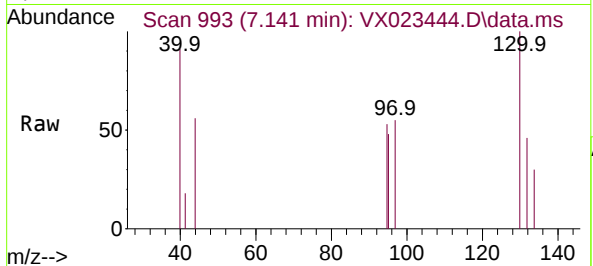




#44
Trichloroethene
Concen: 0.21 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

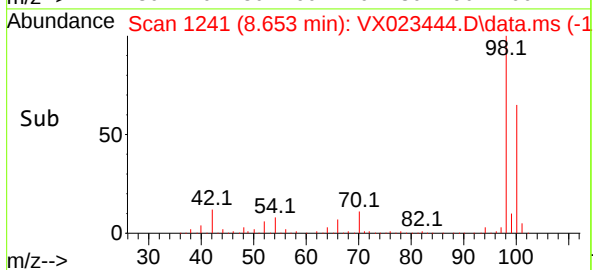
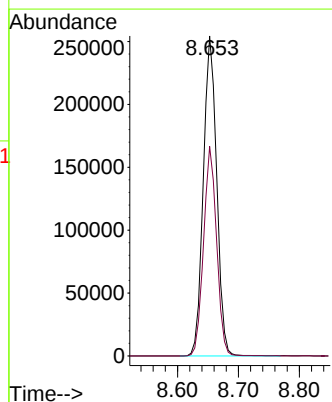
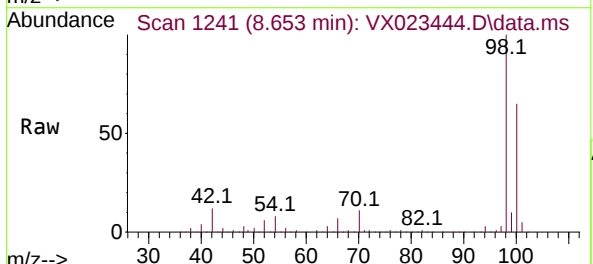
Instrument :
MSVOA_X
ClientSampled :

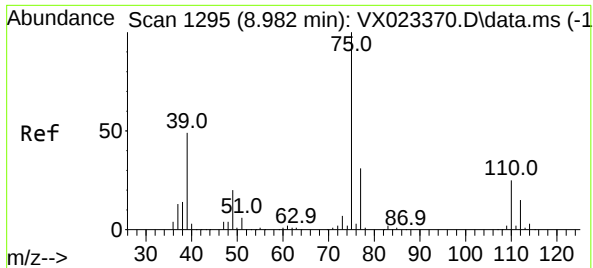
Tgt Ion:130 Resp: 500
Ion Ratio Lower Upper
130 100
95 100.7 0.0 198.0



#50
Toluene-d8
Concen: 51.70 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 98 Resp: 388575
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

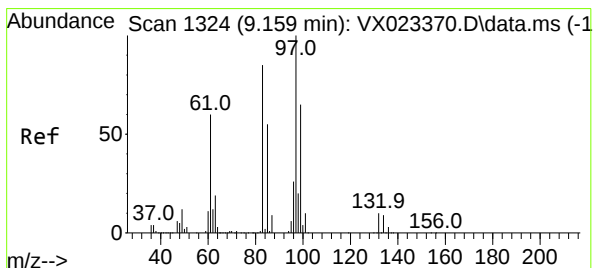
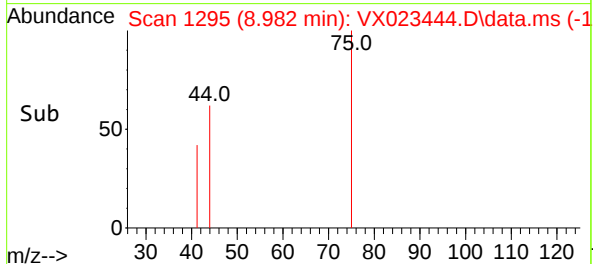
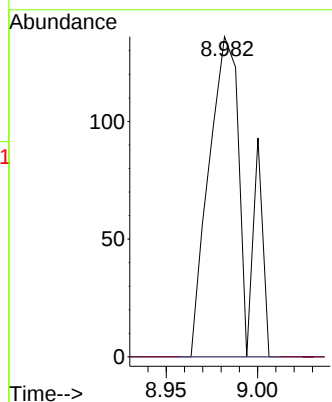
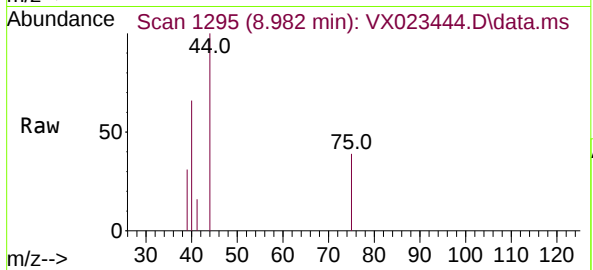




#53
t-1,3-Dichloropropene
Concen: 1.87 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

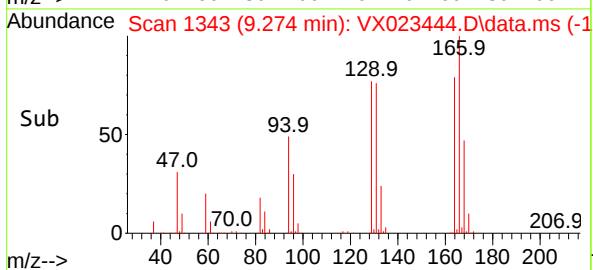
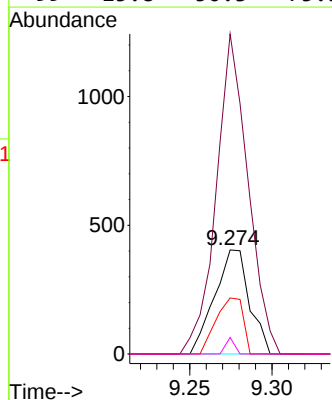
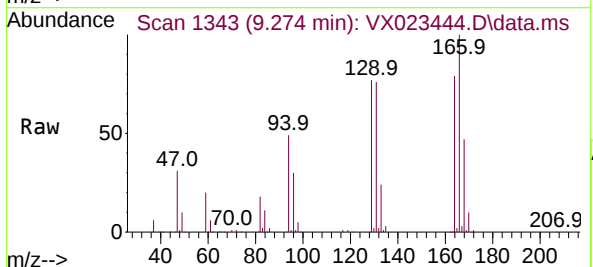
Instrument :
MSVOA_X
ClientSampled :

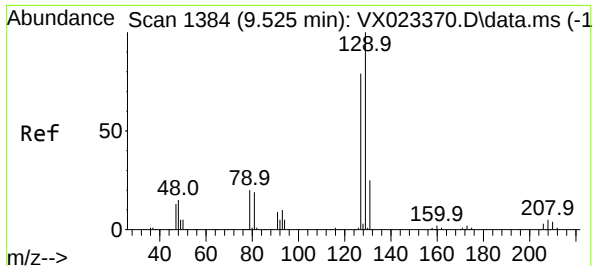
Tgt Ion: 75 Resp: 185
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#55
1,1,2-Trichloroethane
Concen: 0.27 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.115 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 97 Resp: 595
Ion Ratio Lower Upper
97 100
83 307.7 69.3 103.9#
85 54.0 44.3 66.5
99 15.8 50.3 75.5#

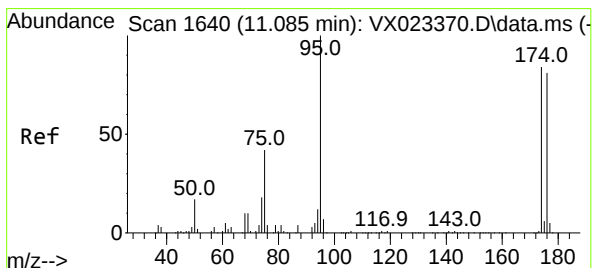
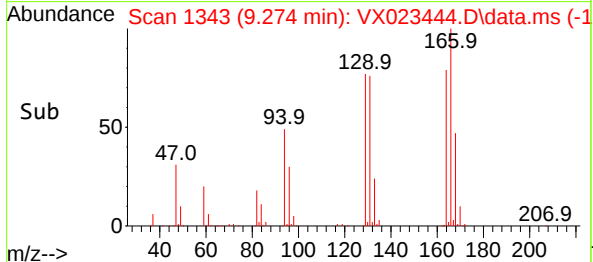
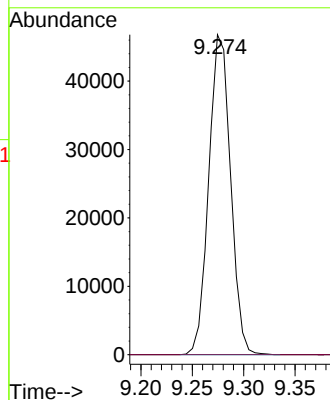
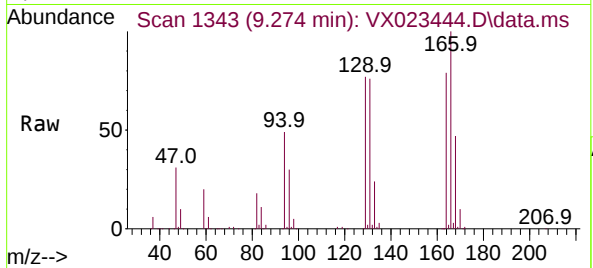




#60
Dibromochloromethane
Concen: 29.11 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

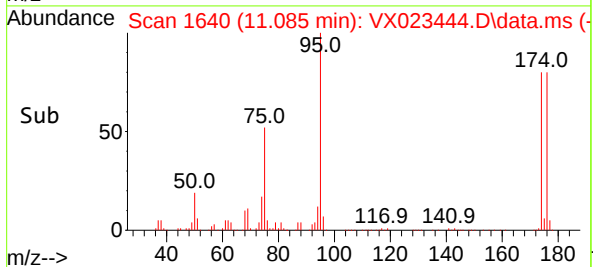
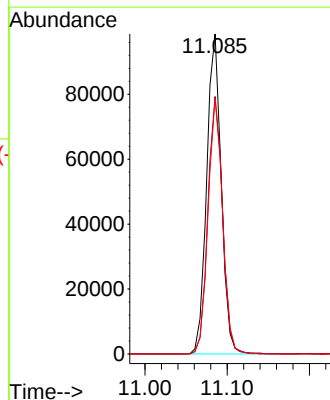
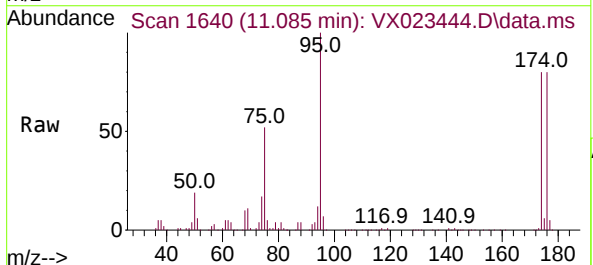
Instrument :
MSVOA_X
ClientSampled :

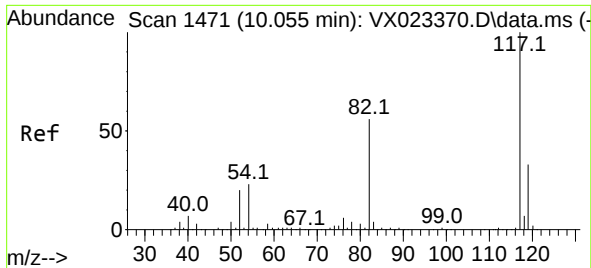
Tgt Ion:129 Resp: 68938
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.38 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion: 95 Resp: 121098
Ion Ratio Lower Upper
95 100
174 81.1 0.0 154.6
176 79.6 0.0 155.8

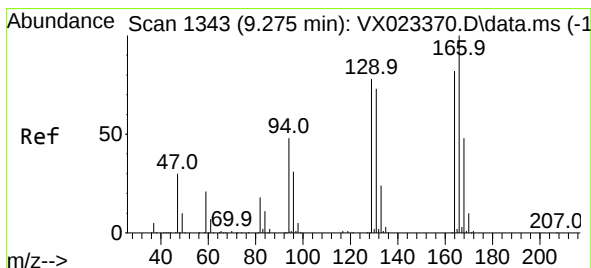
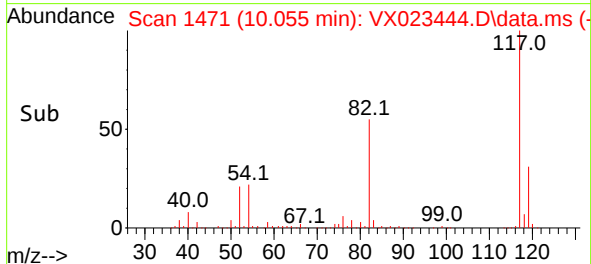
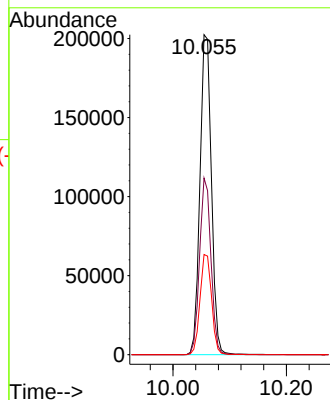
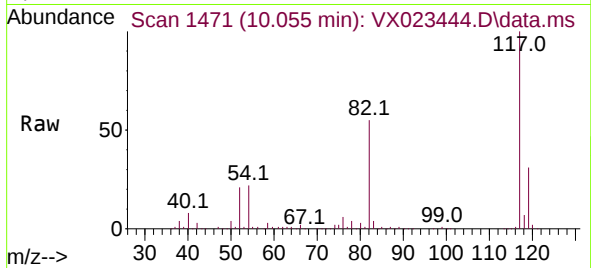




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

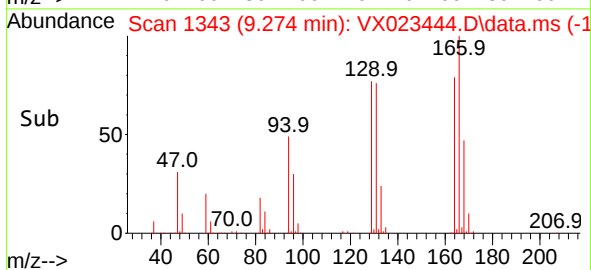
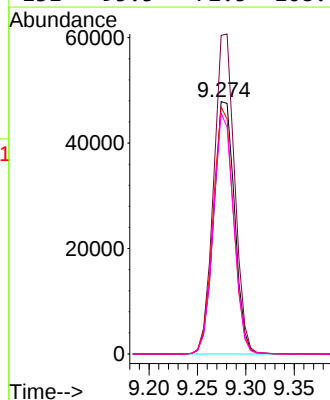
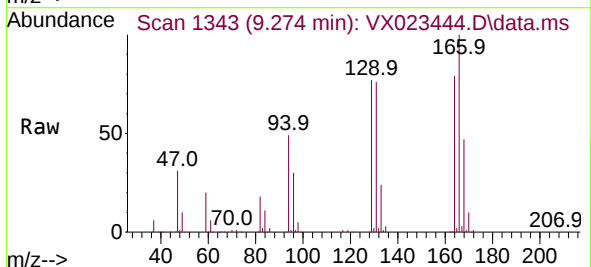
Instrument :
MSVOA_X
ClientSampleId :

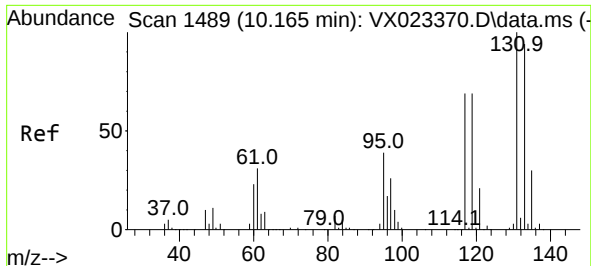
Tgt Ion:117 Resp: 283538
Ion Ratio Lower Upper
117 100
82 55.2 47.4 71.2
119 31.3 26.6 39.8



#64
Tetrachloroethene
Concen: 31.72 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

Tgt Ion:164 Resp: 71573
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.2
129 97.7 70.8 106.2
131 95.5 72.5 108.7

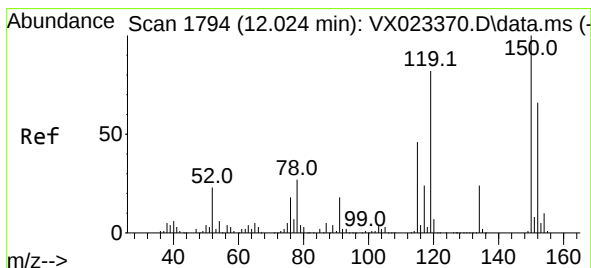
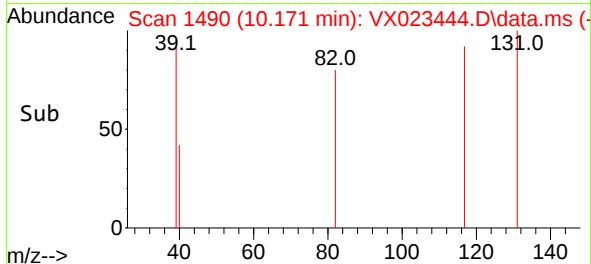
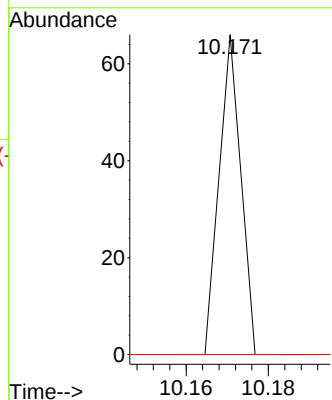
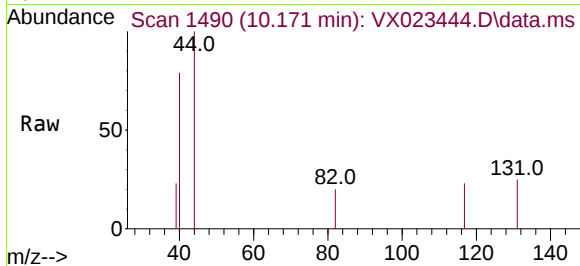




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.98 ug/l
 RT: 10.171 min Scan# 1490
 Delta R.T. 0.006 min
 Lab File: VX023444.D
 Acq: 26 Jul 2021 12:29

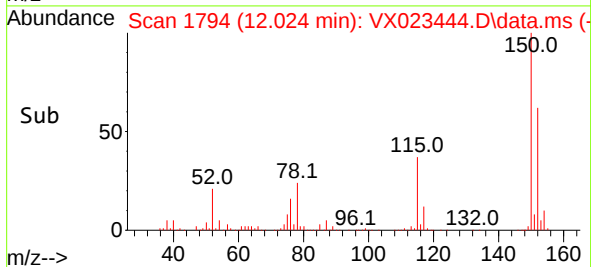
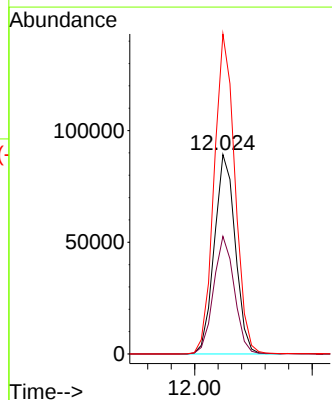
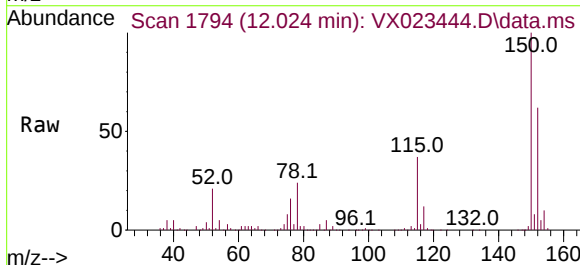
Instrument :
 MSVOA_X
 ClientSampled :

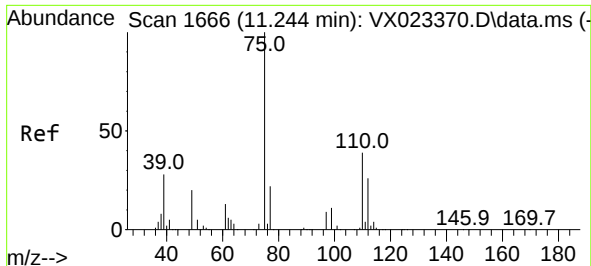
Tgt Ion:131 Resp: 24
 Ion Ratio Lower Upper
 131 100
 133 0.0 47.7 143.1#
 119 0.0 32.1 96.5#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023444.D
 Acq: 26 Jul 2021 12:29

Tgt Ion:152 Resp: 110690
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.1 123.3
 150 159.5 0.0 349.0

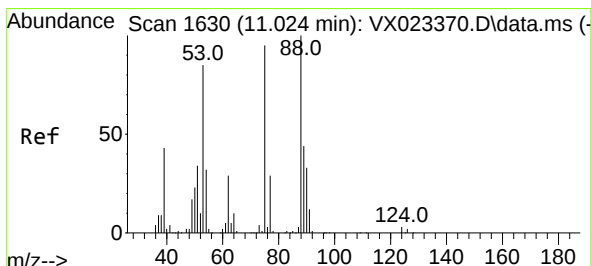
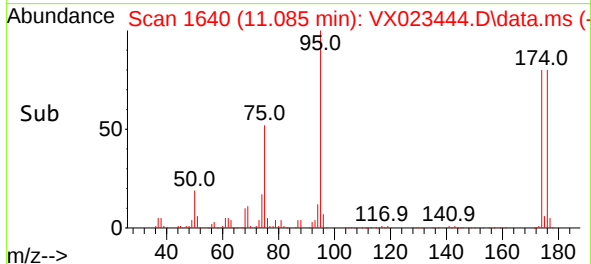
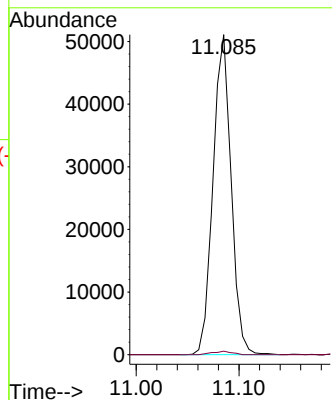
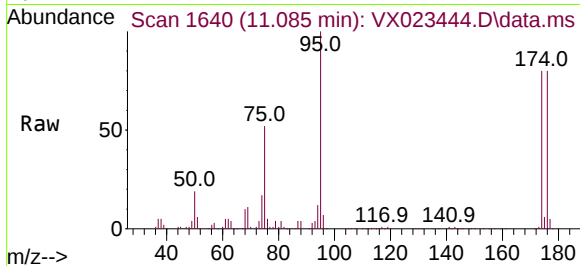




#76
1,2,3-Trichloropropane
Concen: 25.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

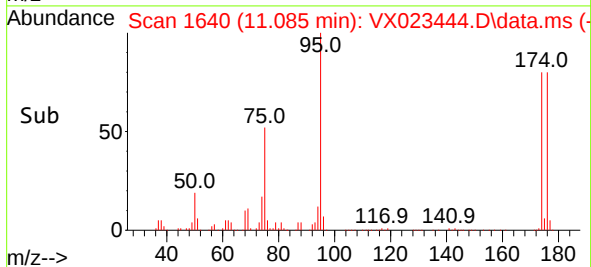
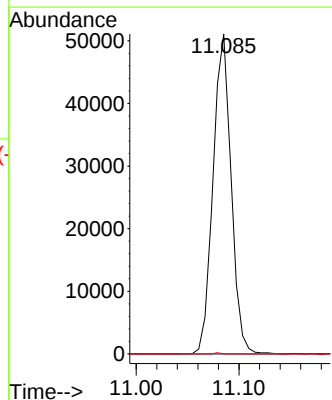
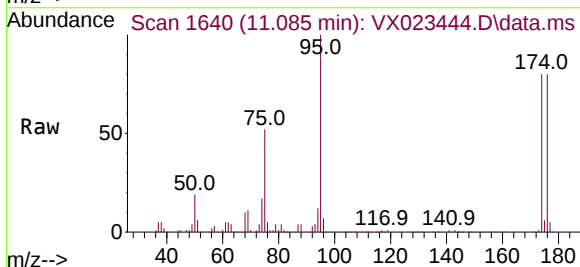
Instrument :
MSVOA_X
ClientSampled :

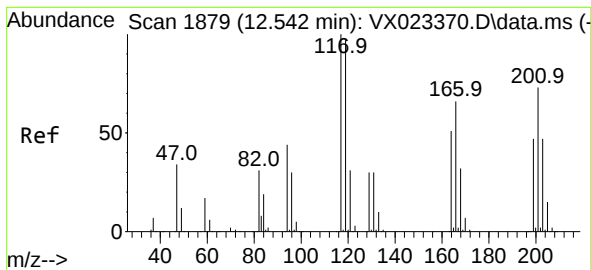
Tgt Ion: 75 Resp: 62290
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023444.D
Acq: 26 Jul 2021 12:29

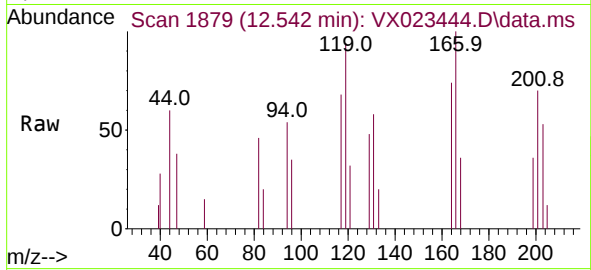
Tgt Ion: 75 Resp: 62290
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#90
 Hexachloroethane
 Concen: 2.34 ug/l
 RT: 12.542 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VX023444.D
 Acq: 26 Jul 2021 12:29

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:117 Resp: 568
 Ion Ratio Lower Upper
 117 100
 201 74.5 40.4 121.2

