

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052421\
 Data File : VX022143.D
 Acq On : 24 May 2021 13:22
 Operator : JC/MD
 Sample : VX0524WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBL01

Quant Time: May 24 15:51:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

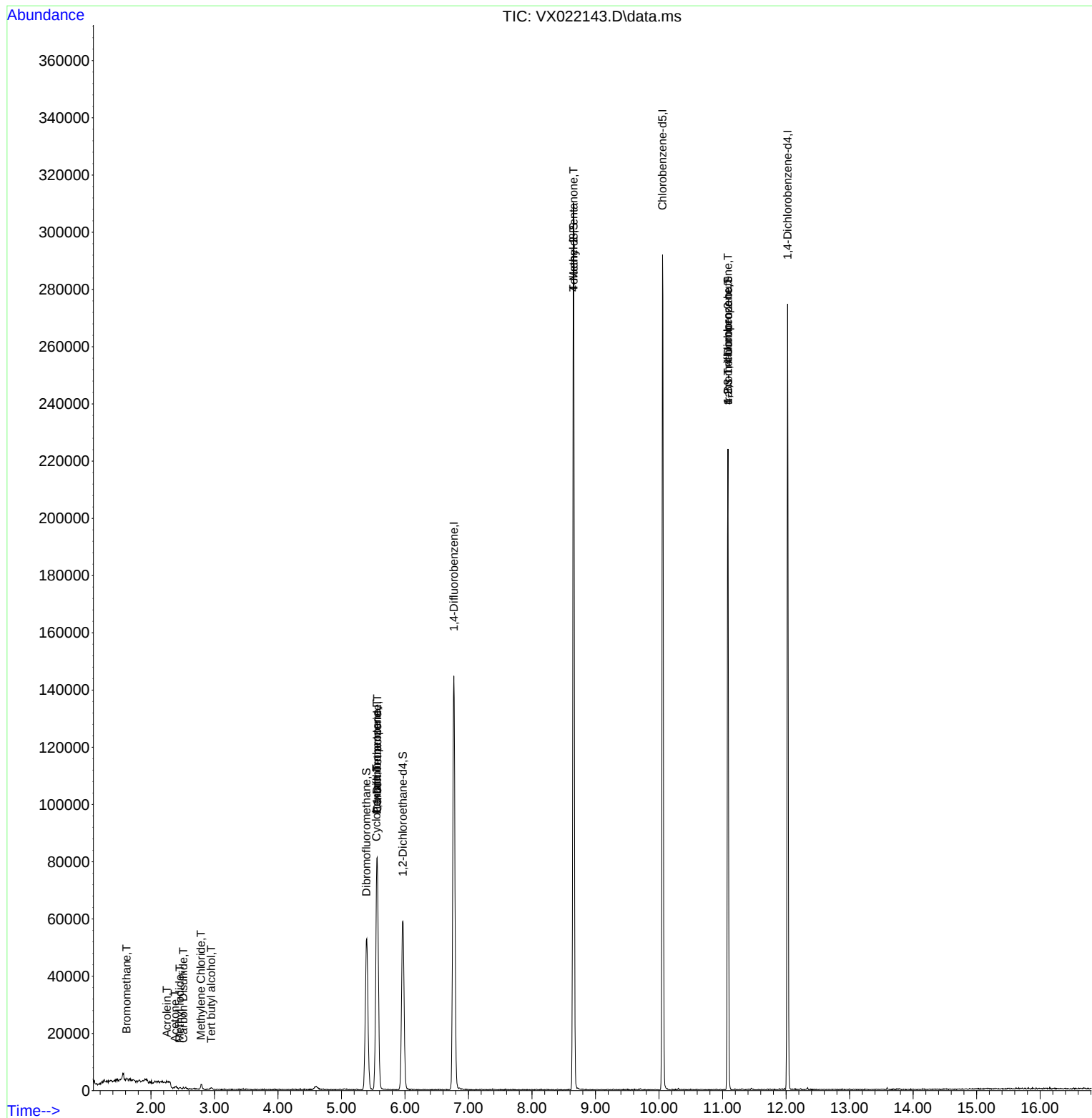
Internal Standards						
1) Pentafluorobenzene	5.556	168	71901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	149104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57185	51.56	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.12%			
35) Dibromofluoromethane	5.391	113	45618	48.25	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.50%			
50) Toluene-d8	8.653	98	178314	48.96	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.92%			
62) 4-Bromofluorobenzene	11.085	95	61811	45.91	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.82%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	302	0.52	ug/l	98
10) Methyl Iodide	2.453	142	293	0.32	ug/l #	82
11) Tert butyl alcohol	2.947	59	251	0.99	ug/l	98
13) Acrolein	2.252	56	196	1.16	ug/l #	14
16) Acetone	2.380	43	237	0.49	ug/l	95
17) Carbon Disulfide	2.508	76	563	0.26	ug/l #	80
20) Methylene Chloride	2.788	84	728	0.68	ug/l	93
31) Cyclohexane	5.550	56	1836	1.32	ug/l #	30
36) 1,1-Dichloropropene	5.556	75	6876	4.99	ug/l #	46
38) Carbon Tetrachloride	5.562	117	8091	6.00	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	845	0.51	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	31439	25.57	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	31439	60.59	ug/l #	12

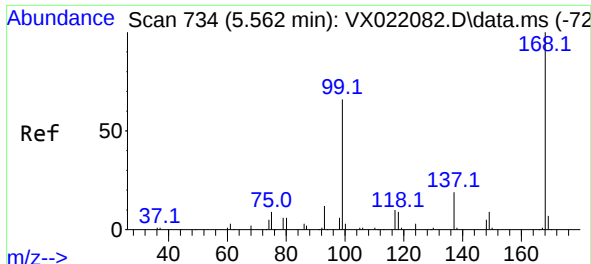
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: May 24 15:51:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

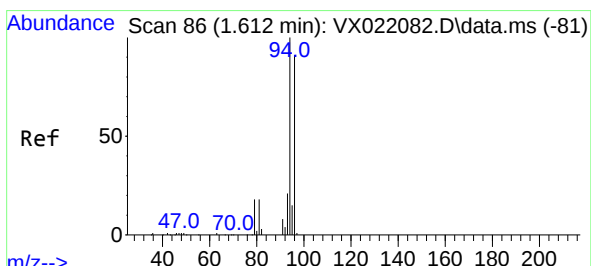
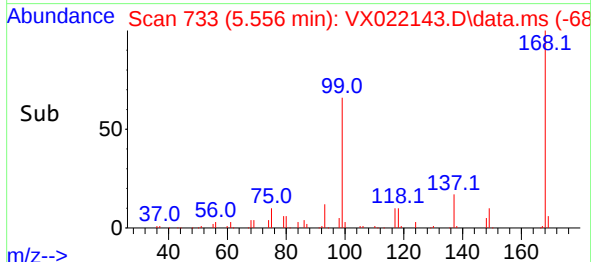
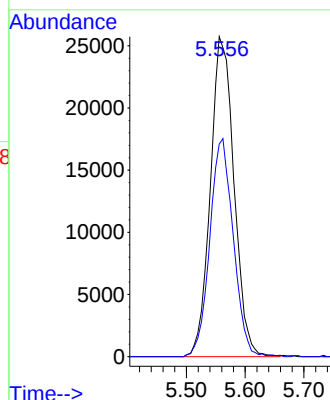
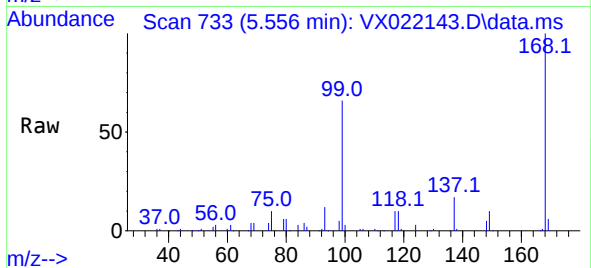




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

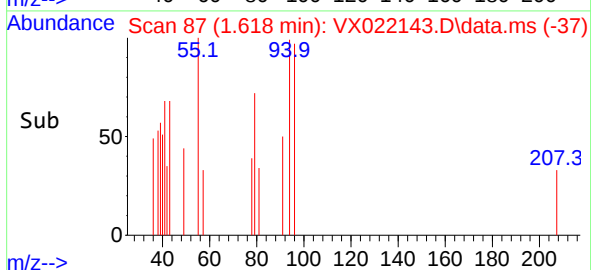
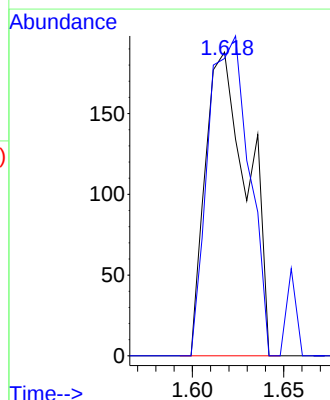
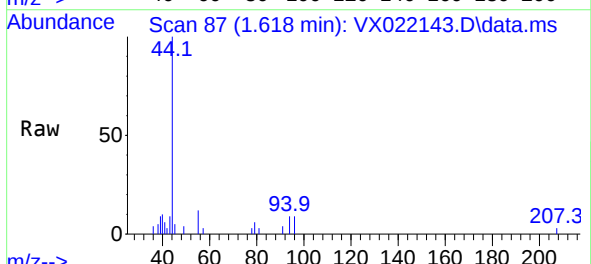
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

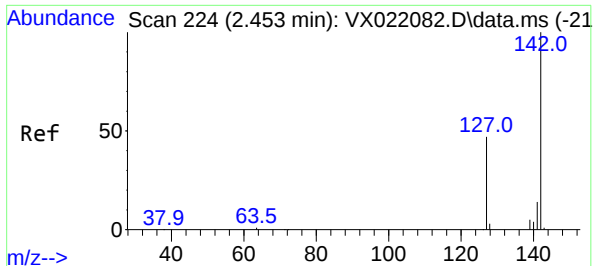
Tgt Ion:168 Resp: 71901
Ion Ratio Lower Upper
168 100
99 66.4 45.8 68.6



#5
Bromomethane
Concen: 0.52 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Tgt Ion: 94 Resp: 302
Ion Ratio Lower Upper
94 100
96 97.9 76.4 114.6



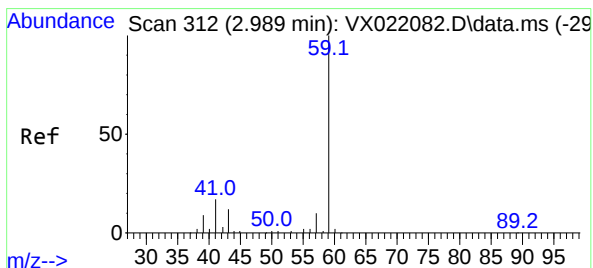
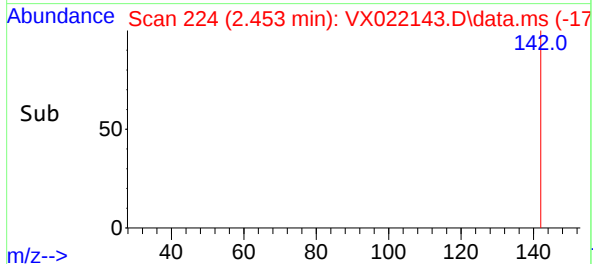
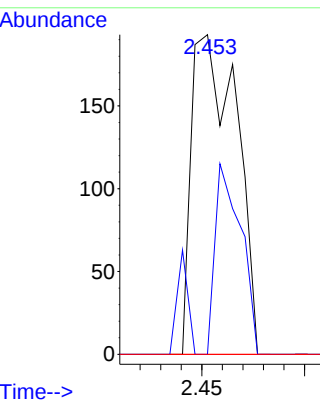
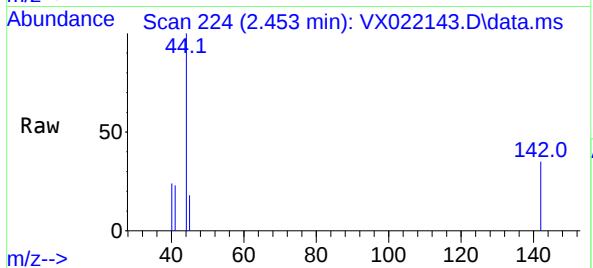


#10
Methyl Iodide
Concen: 0.32 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

Tgt Ion:142 Resp: 293

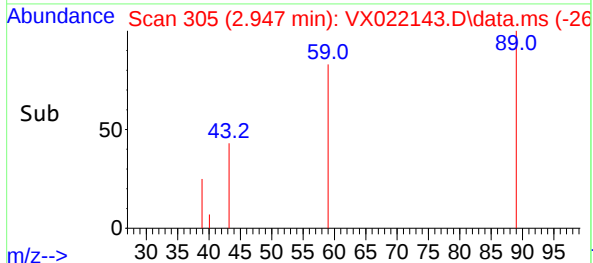
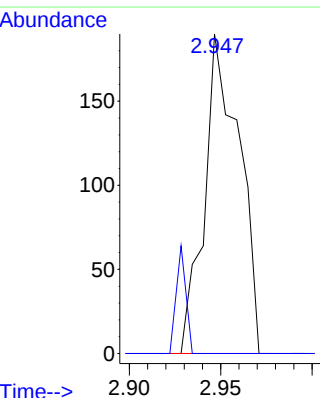
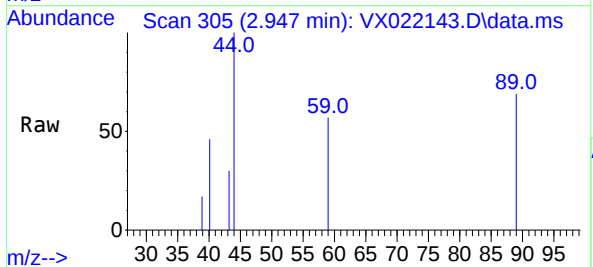
Ion	Ratio	Lower	Upper
142	100		
127	34.1	33.3	49.9
141	0.0	11.4	17.0#

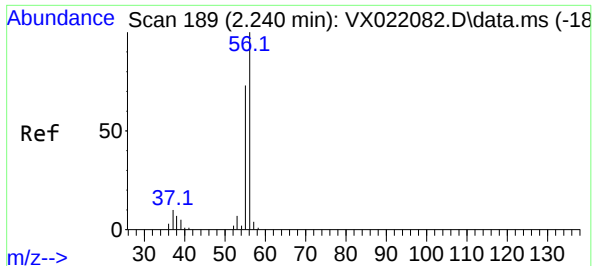


#11
Tert butyl alcohol
Concen: 0.99 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Tgt Ion: 59 Resp: 251

Ion	Ratio	Lower	Upper
59	100		
57	9.2	7.8	11.8

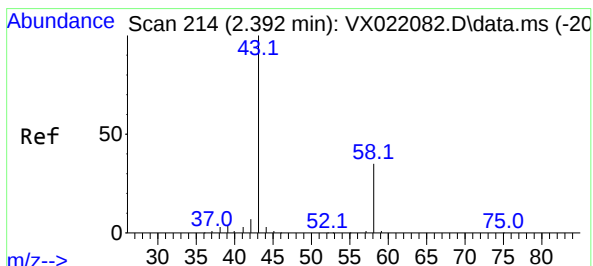
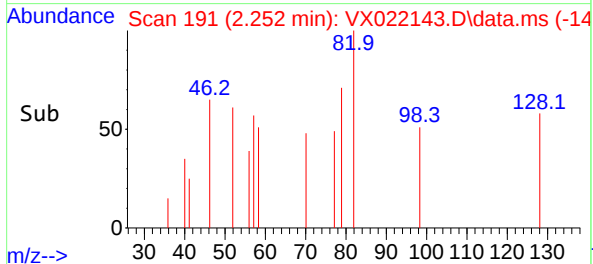
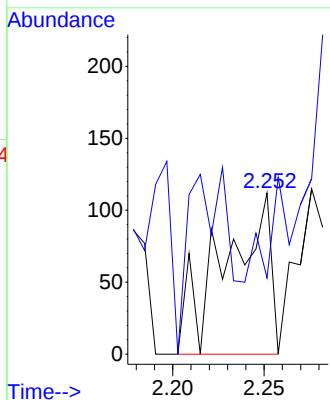
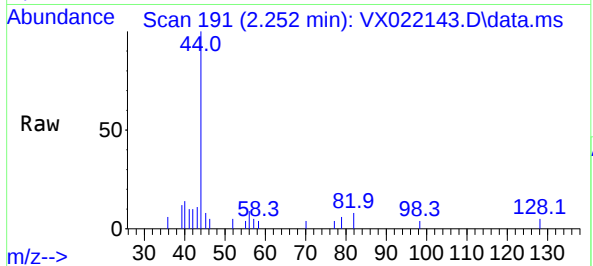




#13
Acrolein
Concen: 1.16 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

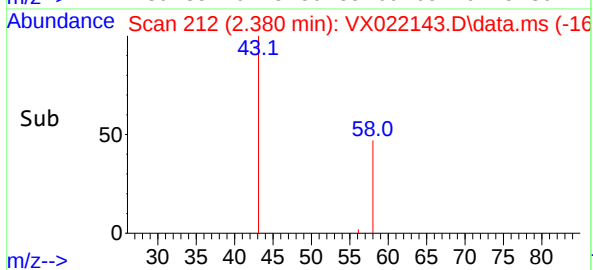
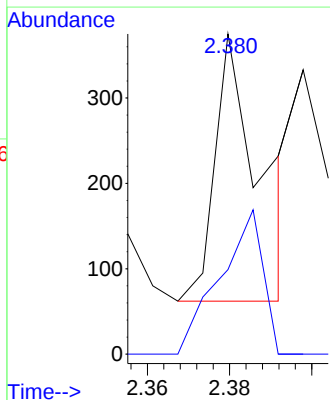
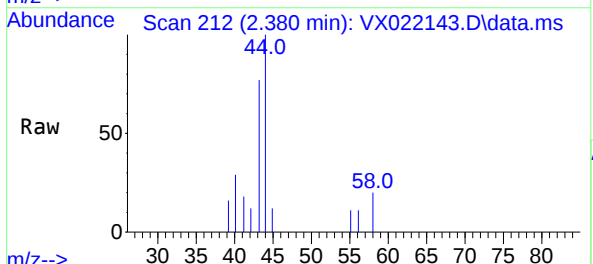
Instrument :
MSVOA_X
ClientSampled :
VX0524WBL01

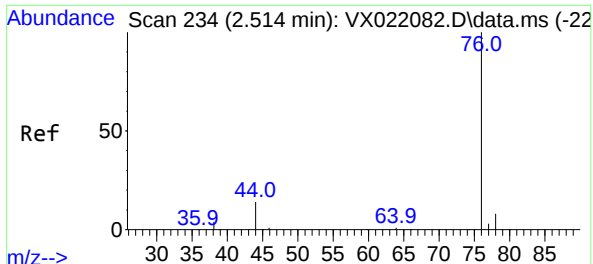
Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 0.49 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8

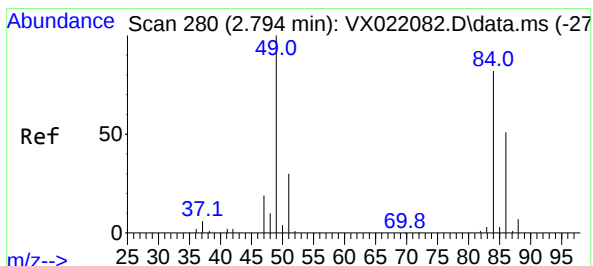
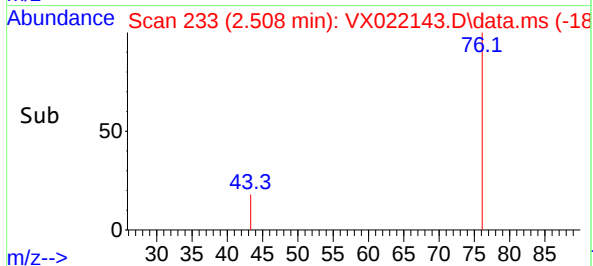
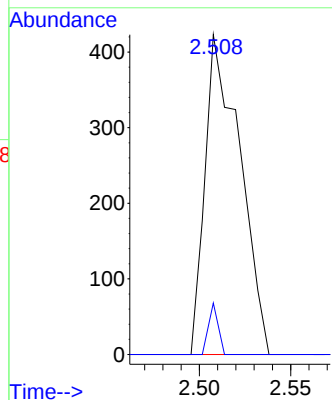
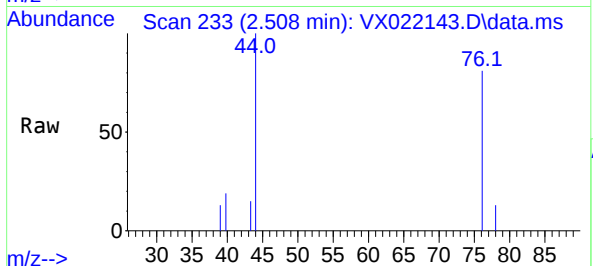




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

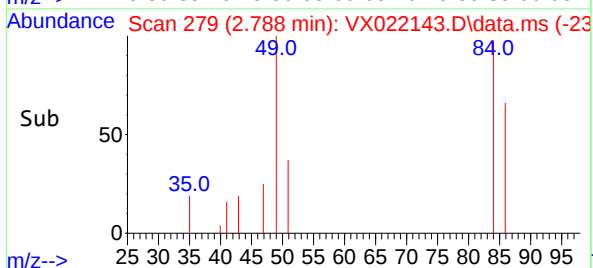
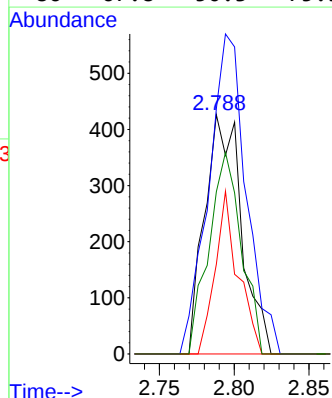
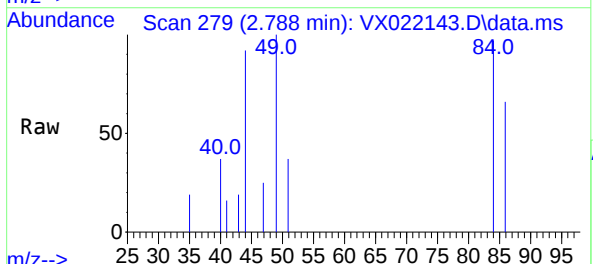
Instrument :
MSVOA_X
ClientSampled :
VX0524WBL01

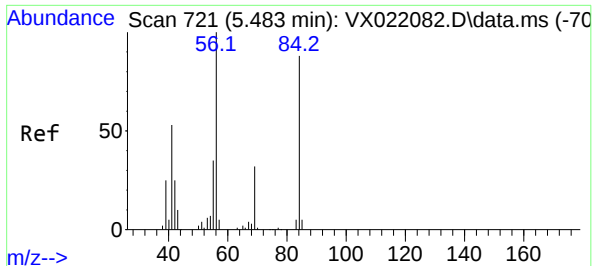
Tgt Ion: 76 Resp: 563
Ion Ratio Lower Upper
76 100
78 16.1 7.2 10.8#



#20
Methylene Chloride
Concen: 0.68 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

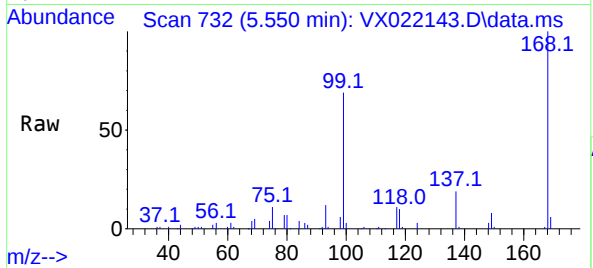
Tgt Ion: 84 Resp: 728
Ion Ratio Lower Upper
84 100
49 102.6 88.6 132.8
51 37.6 27.0 40.6
86 67.8 50.3 75.5



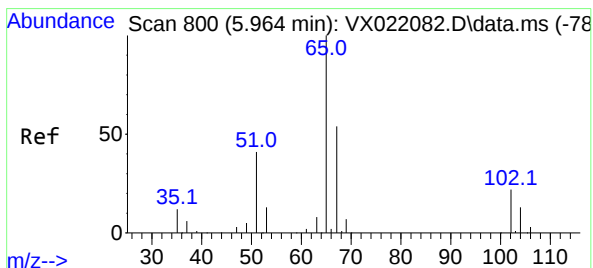
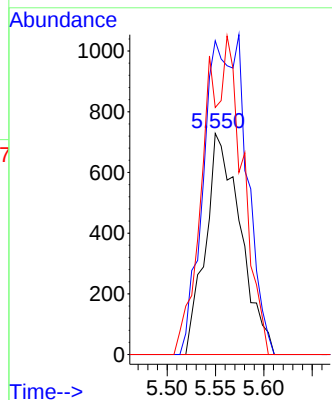
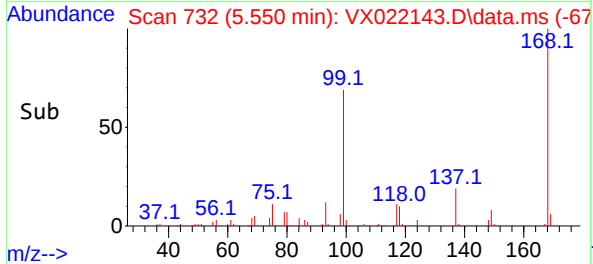


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.067 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

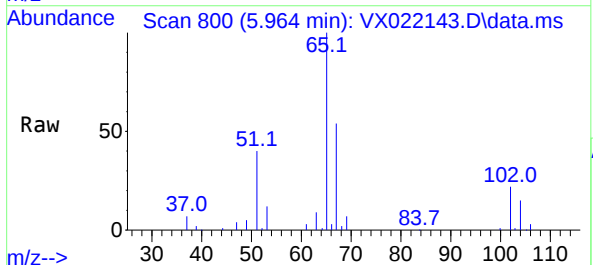
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MSVOA_X
ClientSampleId :
VX0524WBL01



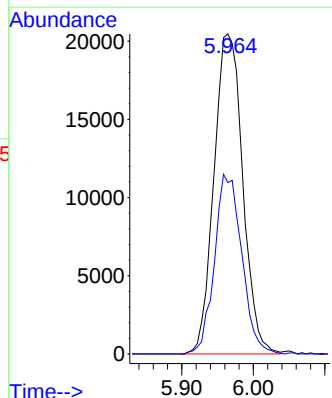
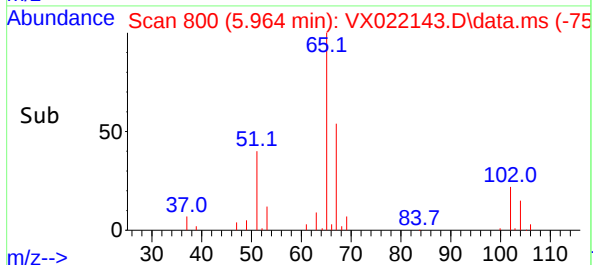
Tgt Ion: 56 Resp: 1836
Ion Ratio Lower Upper
56 100
69 141.8 25.3 37.9#
84 111.7 71.4 107.0#

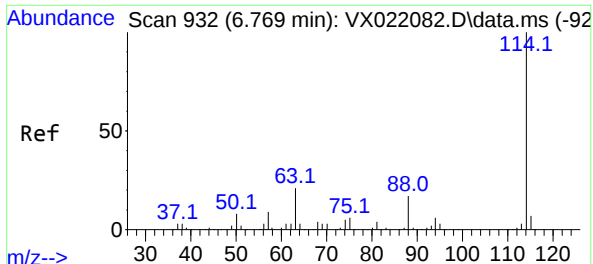


#33
1,2-Dichloroethane-d4
Concen: 51.56 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22



Tgt Ion: 65 Resp: 57185
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4

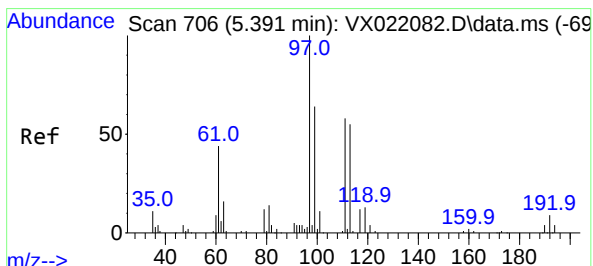
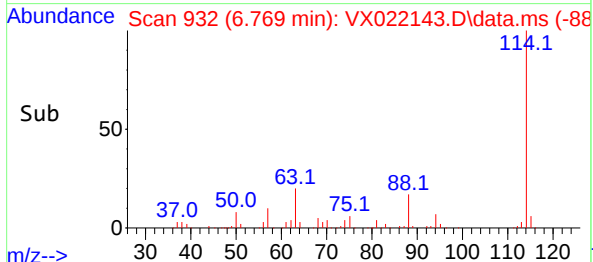
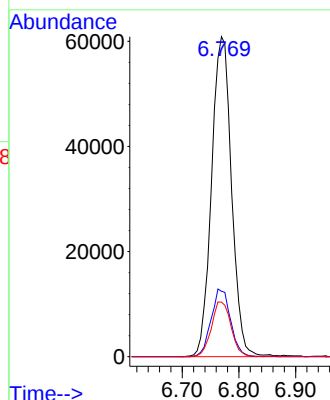
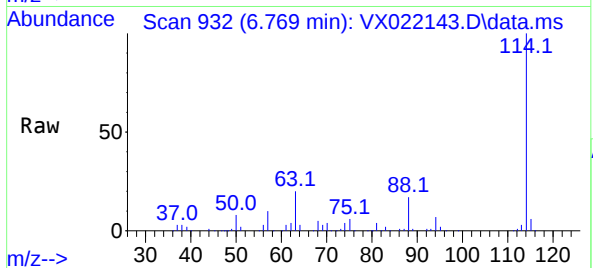




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

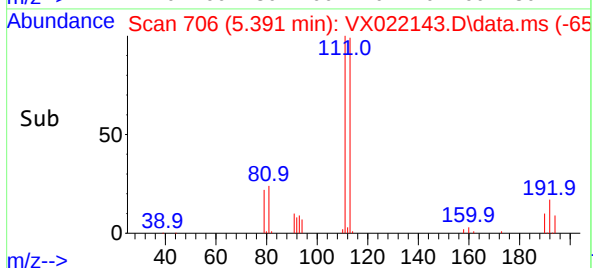
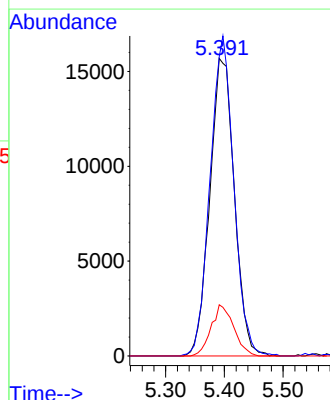
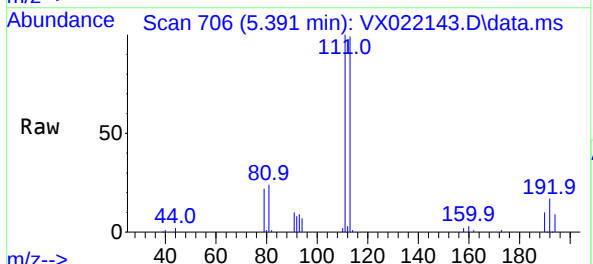
Instrument :
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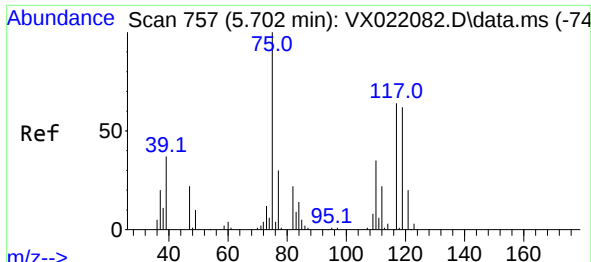
Tgt Ion:114 Resp: 149104
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.25 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Tgt Ion:113 Resp: 45618
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 15.8 16.7 25.1#

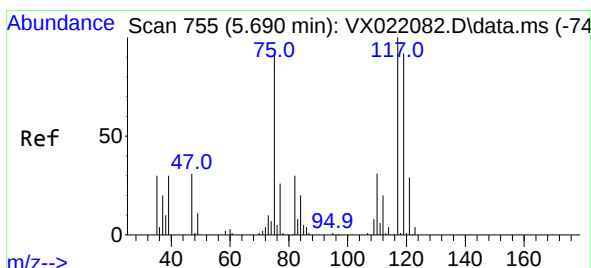
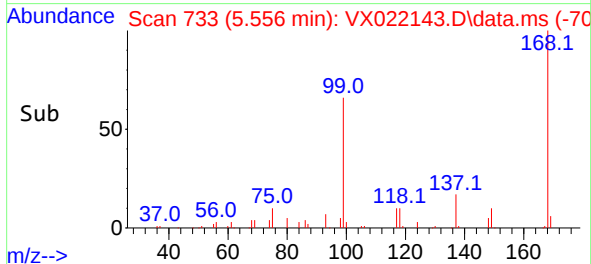
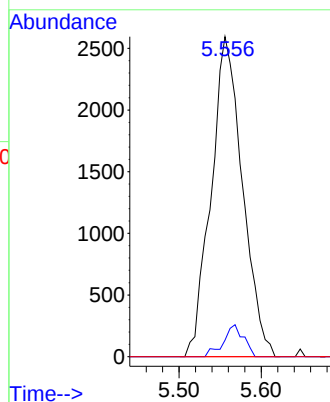
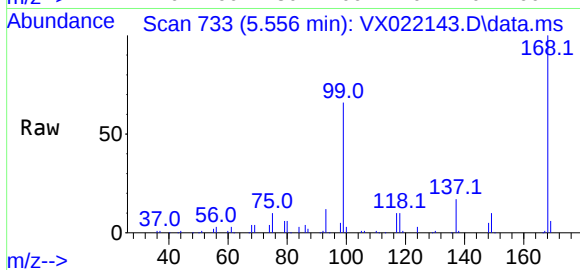




#36
1,1-Dichloropropene
Concen: 4.99 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

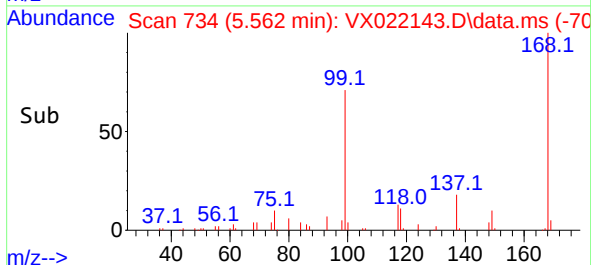
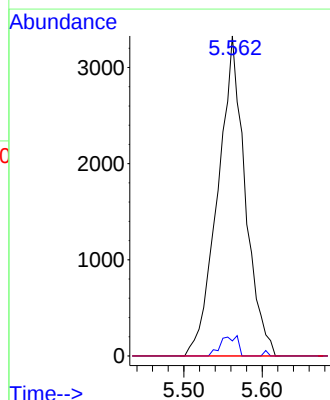
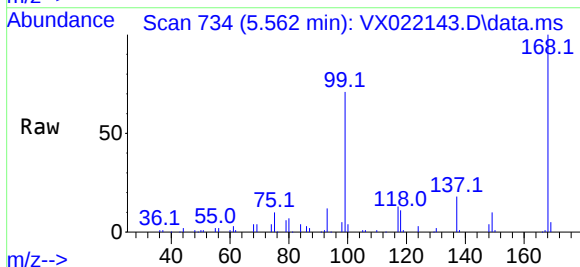
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

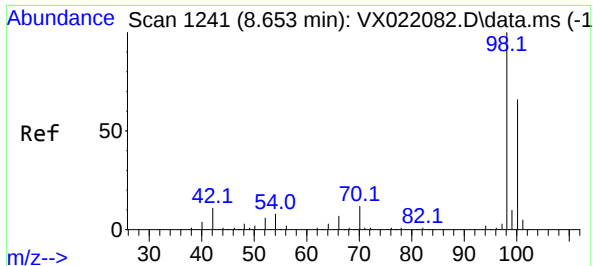
Tgt Ion: 75 Resp: 6876
Ion Ratio Lower Upper
75 100
110 6.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Tgt Ion: 117 Resp: 8091
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

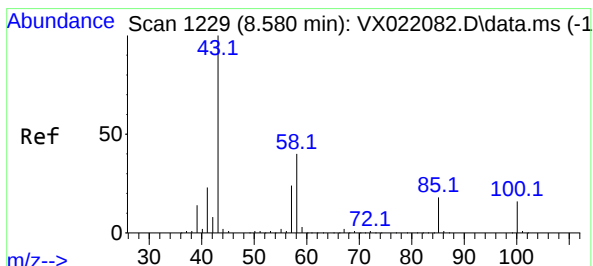
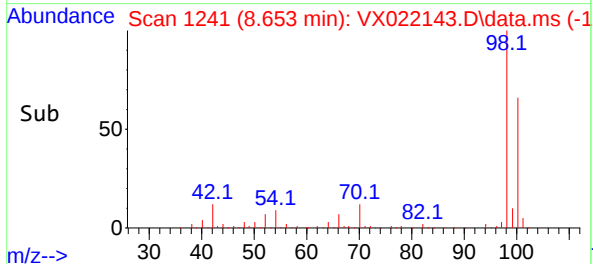
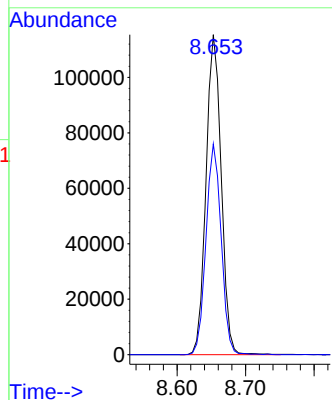
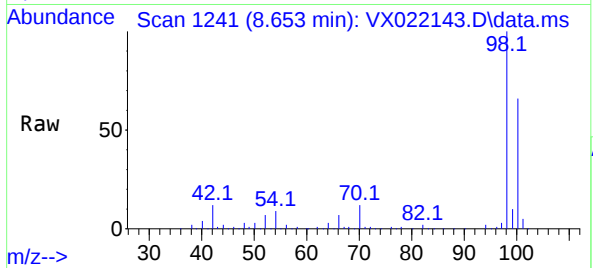




#50
Toluene-d8
Concen: 48.96 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

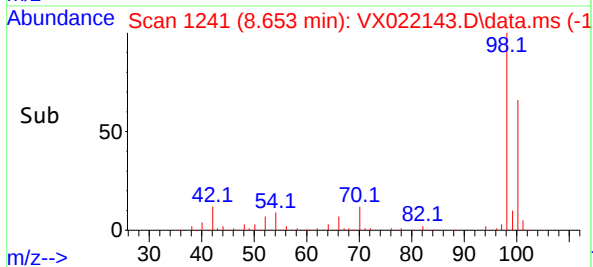
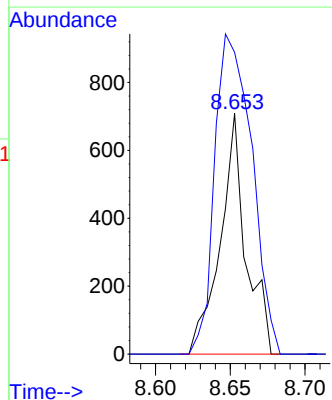
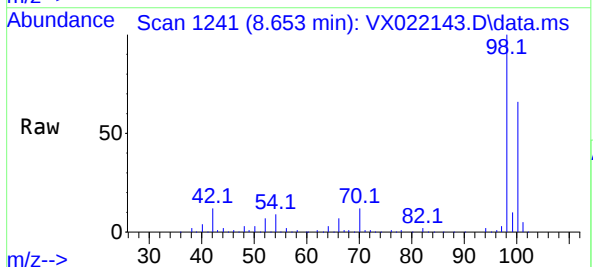
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

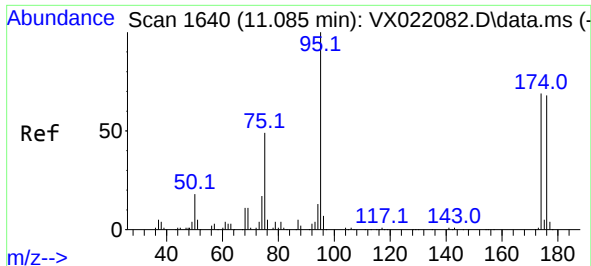
Tgt Ion: 98 Resp: 178314
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.51 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 192.7 35.4 53.0#

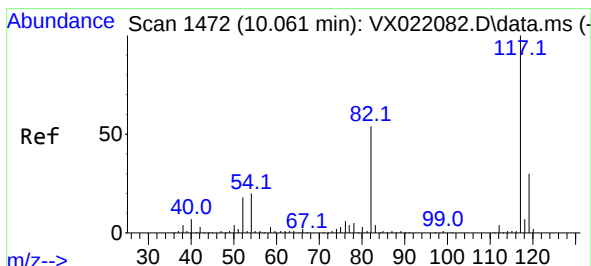
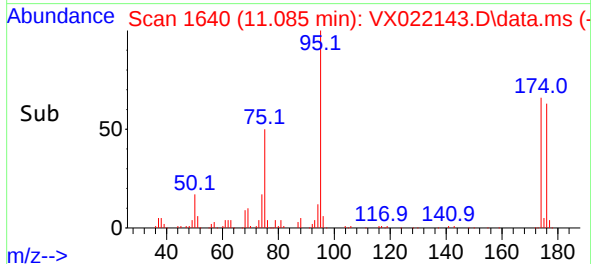
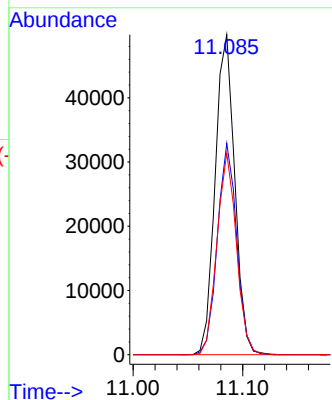
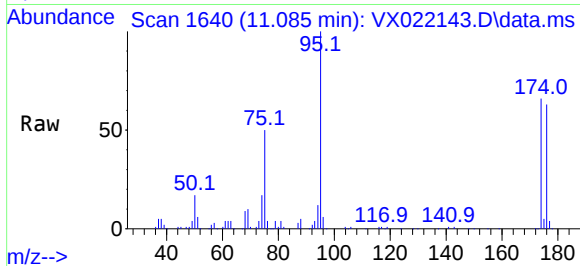




#62
4-Bromofluorobenzene
Concen: 45.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

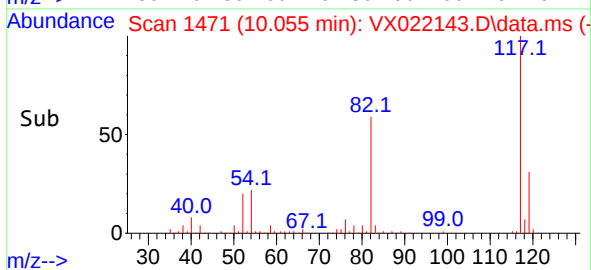
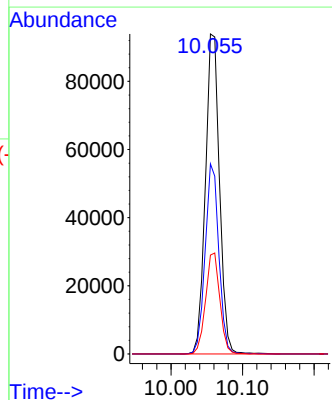
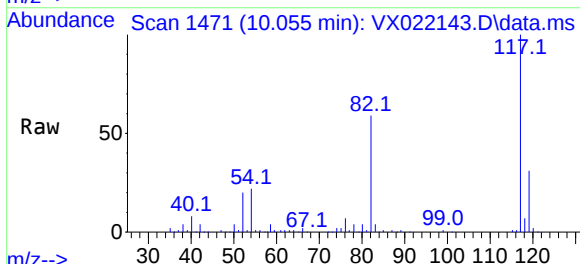
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

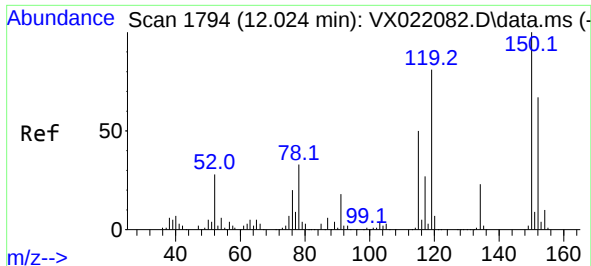
Tgt Ion: 95 Resp: 61811
Ion Ratio Lower Upper
95 100
174 65.2 0.0 154.6
176 62.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Tgt Ion: 117 Resp: 128835
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 30.9 26.6 39.8

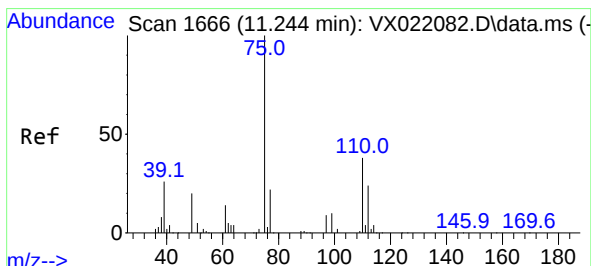
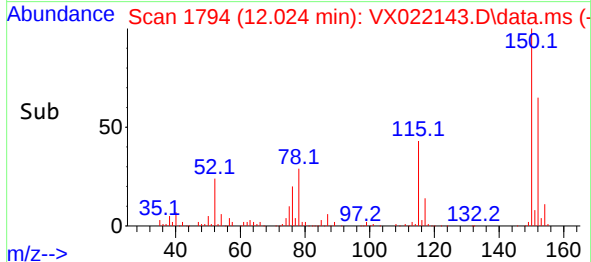
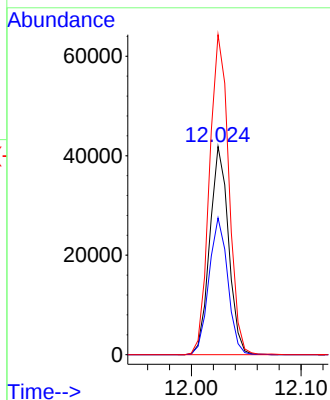
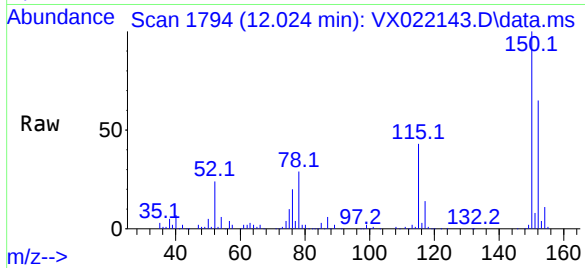




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

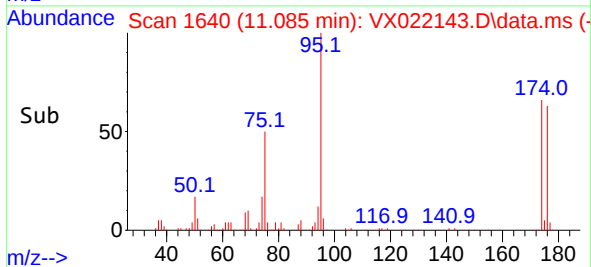
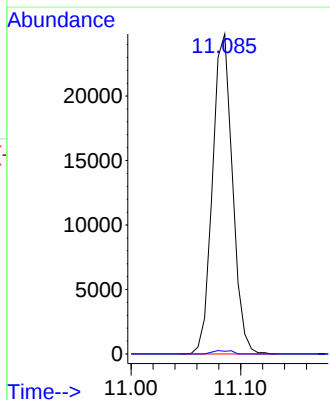
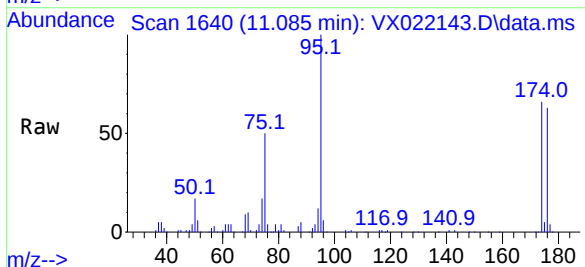
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

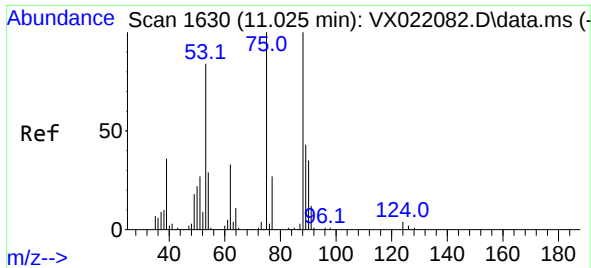
Tgt Ion:152 Resp: 49831
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 158.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Tgt Ion: 75 Resp: 31439
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 60.59 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022143.D
Acq: 24 May 2021 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

Tgt Ion: 75 Resp: 31439
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

