

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022922.D
 Acq On : 25 Jun 2021 14:52
 Operator : JC/MD
 Sample : M2803-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:53:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

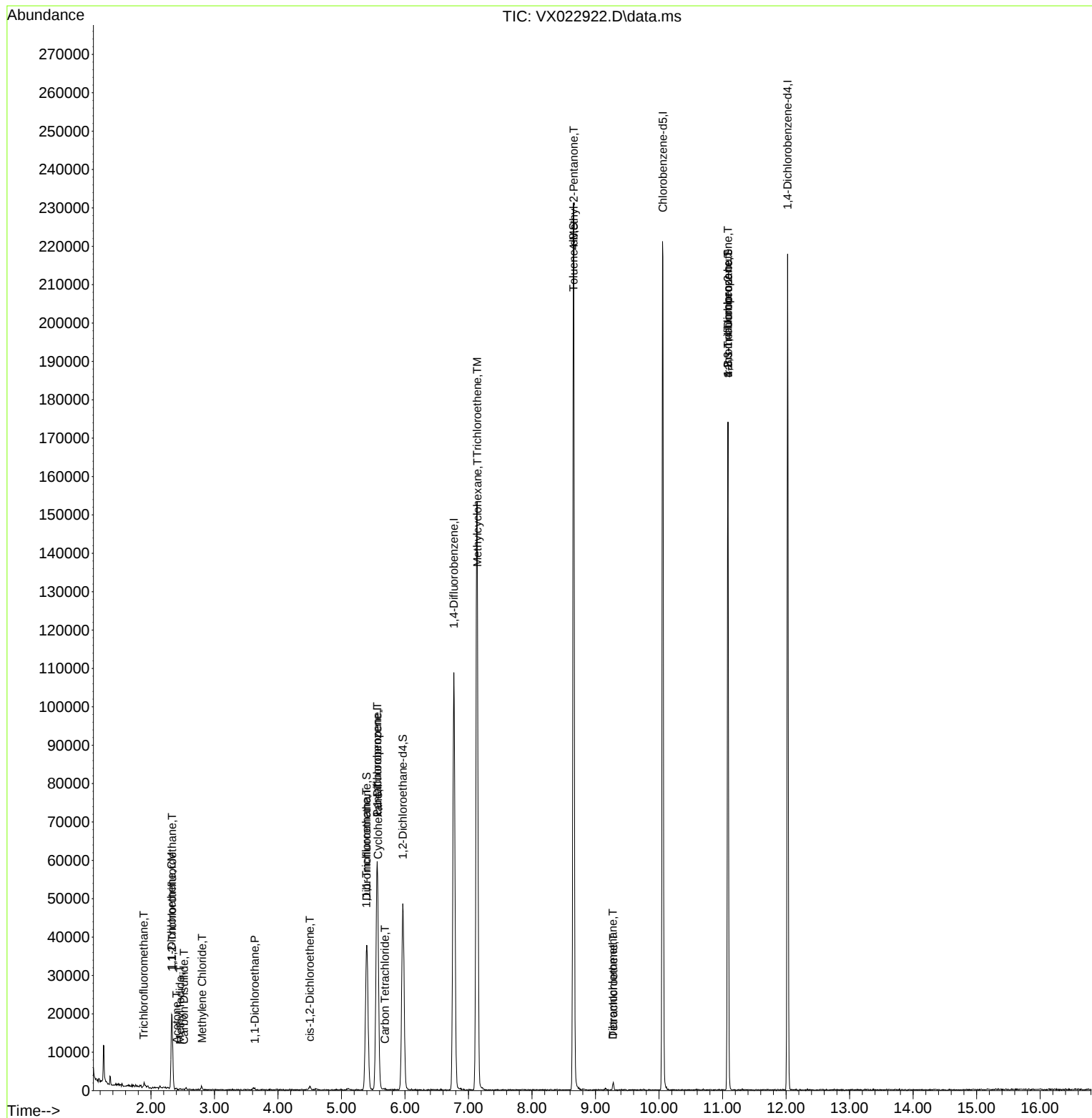
Internal Standards						
1) Pentafluorobenzene	5.562	168	49147	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	102828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	95481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45556	51.08	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 102.16%		
35) Dibromofluoromethane	5.397	113	31630	48.44	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 96.88%		
50) Toluene-d8	8.653	98	129805	50.72	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 101.44%		
62) 4-Bromofluorobenzene	11.085	95	45056	47.17	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 94.34%		
Target Compounds						
						Qvalue
7) Trichlorofluoromethane	1.886	101	553	0.54	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	4509	7.06	ug/l	95
10) Methyl Iodide	2.459	142	88	3.98	ug/l #	42
12) 1,1-Dichloroethene	2.325	96	2935	4.60	ug/l	81
16) Acetone	2.404	43	263	0.67	ug/l #	40
17) Carbon Disulfide	2.520	76	20	3.53	ug/l #	75
20) Methylene Chloride	2.806	84	301	0.75	ug/l #	76
24) 1,1-Dichloroethane	3.636	63	690	0.51	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	528	0.67	ug/l	92
31) Cyclohexane	5.574	56	1630	1.29	ug/l #	62
32) 1,1,1-Trichloroethane	5.391	97	422	0.39	ug/l #	49
36) 1,1-Dichloropropene	5.562	75	5026	4.60	ug/l #	46
38) Carbon Tetrachloride	5.684	117	211	0.23	ug/l #	41
39) Methylcyclohexane	7.141	83	839	0.66	ug/l #	10
44) Trichloroethene	7.135	130	53021	70.99	ug/l	96
51) 4-Methyl-2-Pentanone	8.659	43	736	0.58	ug/l #	1
60) Dibromochloromethane	9.275	129	344	4.08	ug/l #	11
64) Tetrachloroethene	9.281	164	407	0.61	ug/l #	85
76) 1,2,3-Trichloropropane	11.085	75	25166	25.39	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	25166	66.16	ug/l #	12

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
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QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

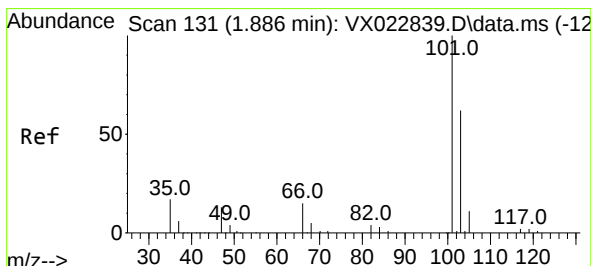
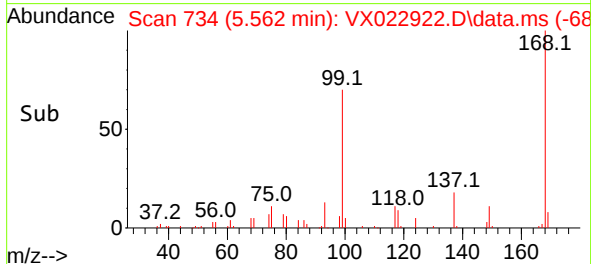
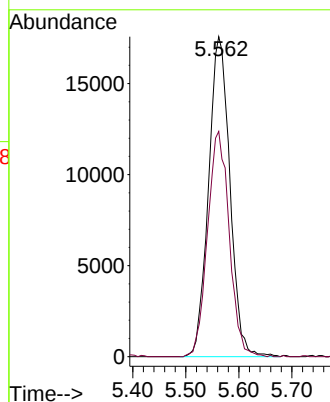
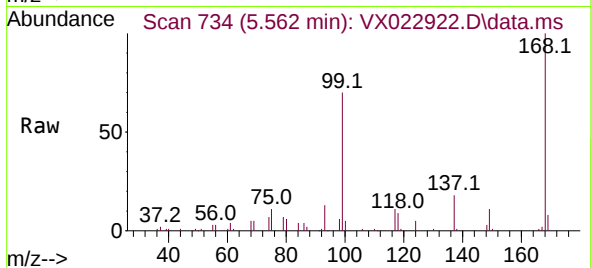




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

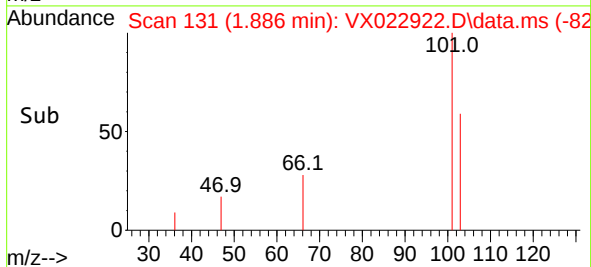
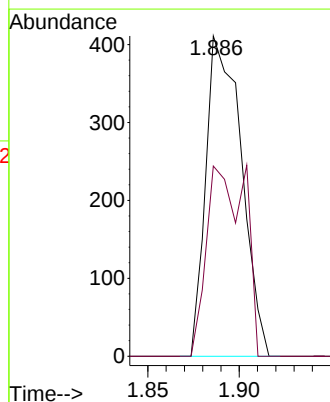
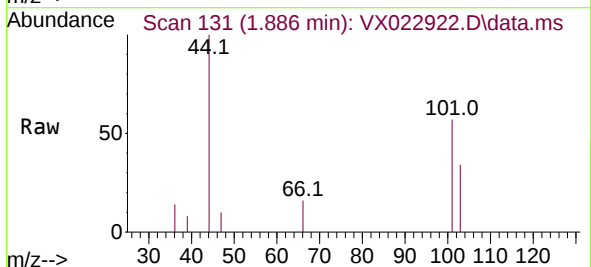
Instrument :
MSVOA_X
ClientSampled :

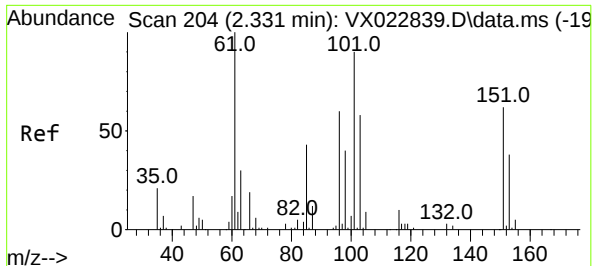
Tgt Ion:168 Resp: 49147
Ion Ratio Lower Upper
168 100
99 70.4 45.8 68.6#



#7
Trichlorofluoromethane
Concen: 0.54 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion:101 Resp: 553
Ion Ratio Lower Upper
101 100
103 59.4 53.2 79.8

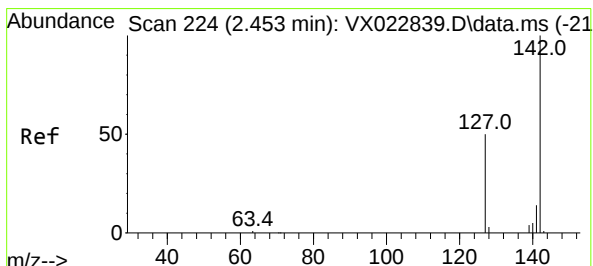
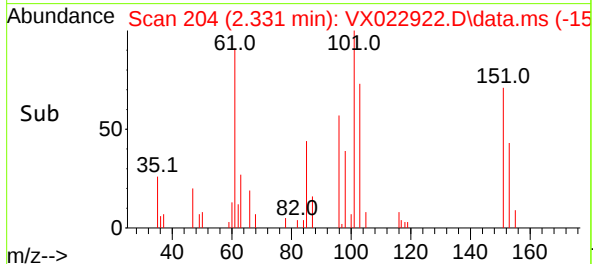
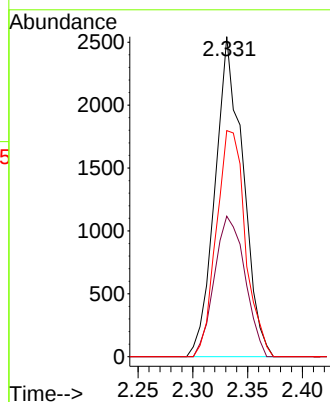
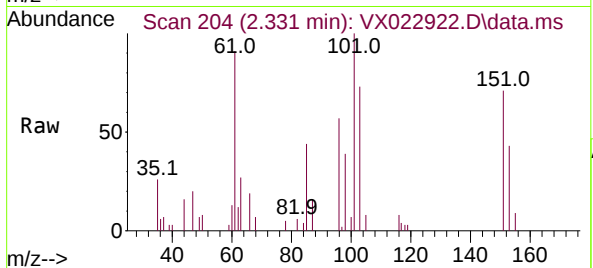




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.06 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

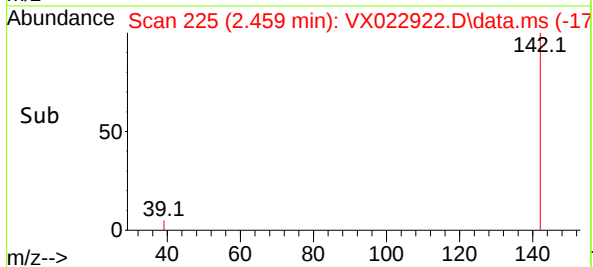
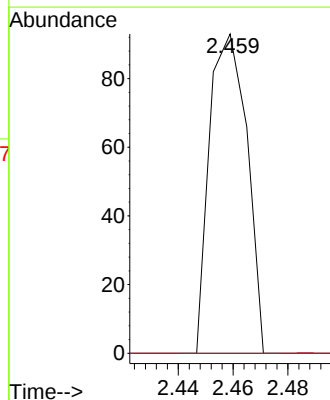
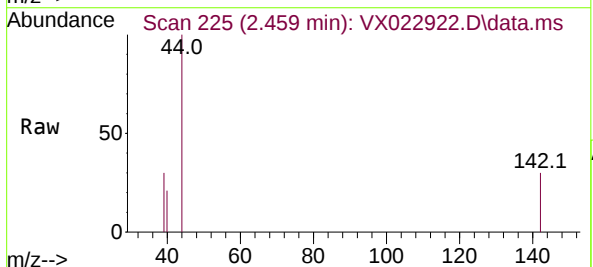
Instrument :
MSVOA_X
ClientSampleId :

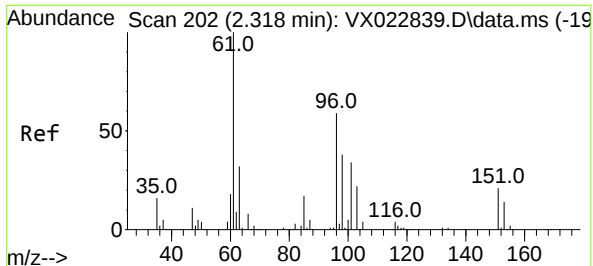
Tgt Ion:101	Resp:	4509
Ion	Ratio	Lower Upper
101	100	
85	48.0	34.9 52.3
151	73.4	61.4 92.2



#10
Methyl Iodide
Concen: 3.98 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion:142	Resp:	88
Ion	Ratio	Lower Upper
142	100	
127	0.0	33.3 49.9#
141	0.0	11.4 17.0#





#12

1,1-Dichloroethene

Concen: 4.60 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

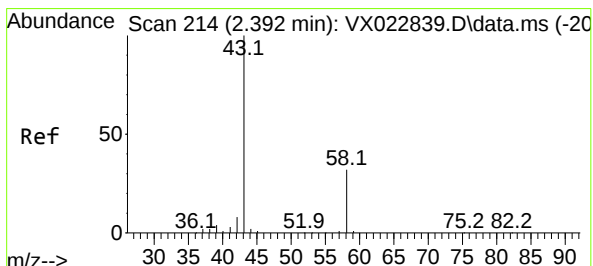
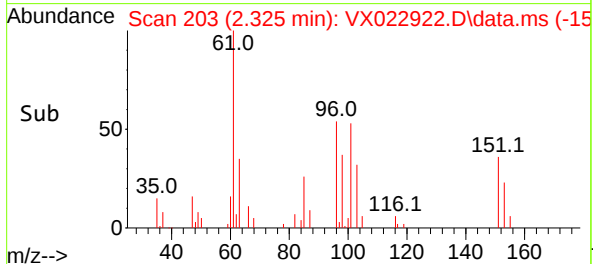
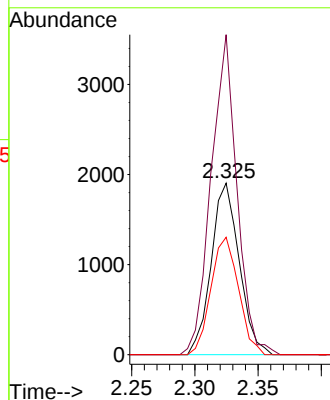
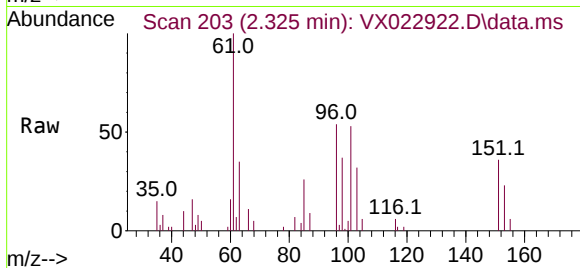
Tgt Ion: 96 Resp: 2935

Ion Ratio Lower Upper

96 100

61 186.5 124.6 187.0

98 68.5 50.6 76.0



#16

Acetone

Concen: 0.67 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.012 min

Lab File: VX022922.D

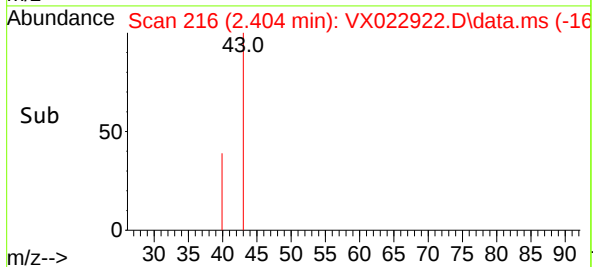
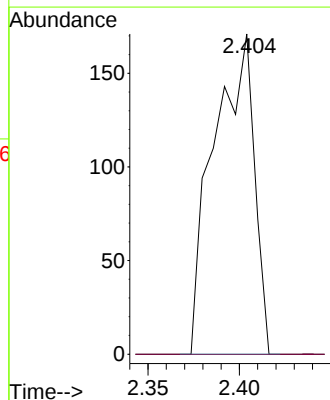
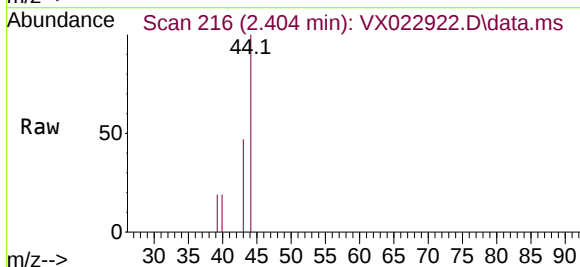
Acq: 25 Jun 2021 14:52

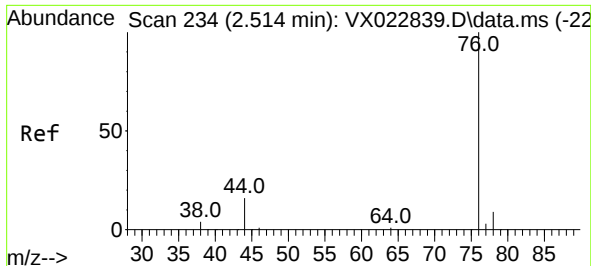
Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

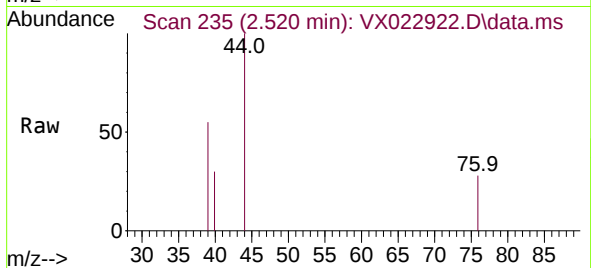
58 0.0 27.8 41.8#



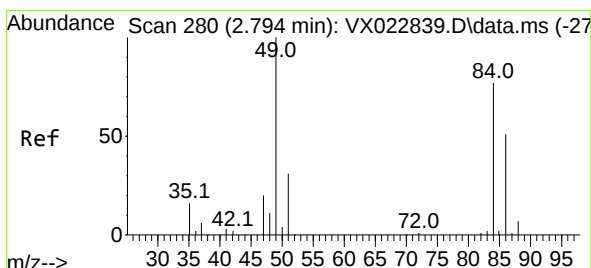
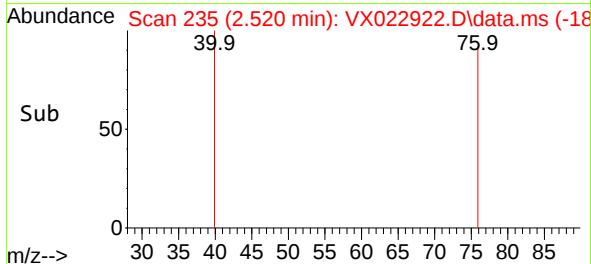
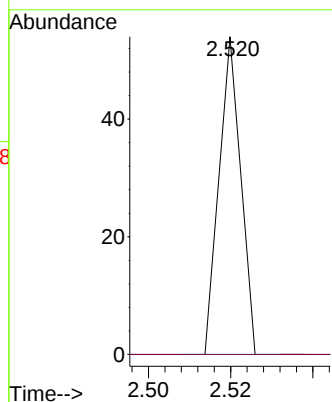


#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Instrument :
MSVOA_X
ClientSampled :

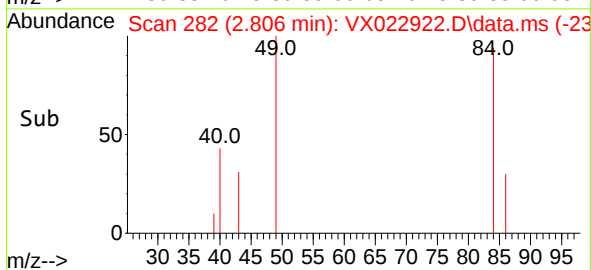
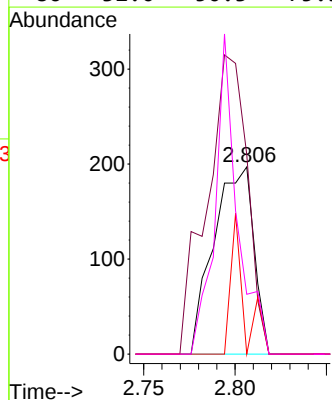
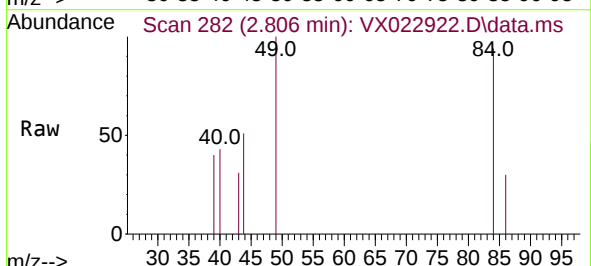


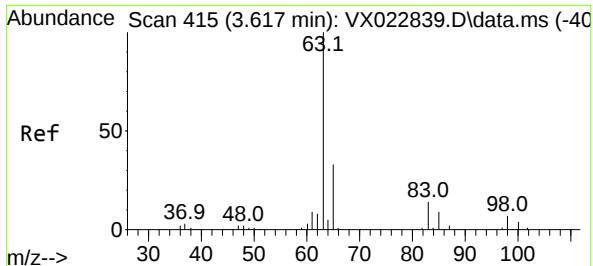
Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.75 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 84 Resp: 301
Ion Ratio Lower Upper
84 100
49 106.6 88.6 132.8
51 0.0 27.0 40.6#
86 32.0 50.3 75.5#

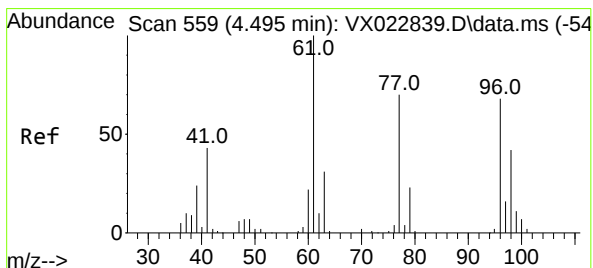
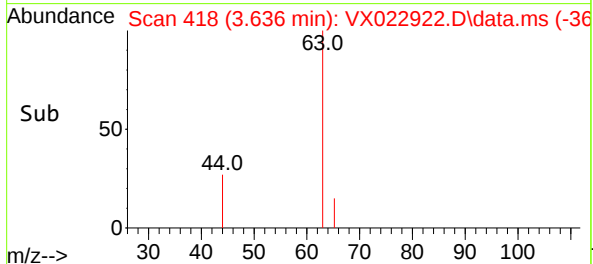
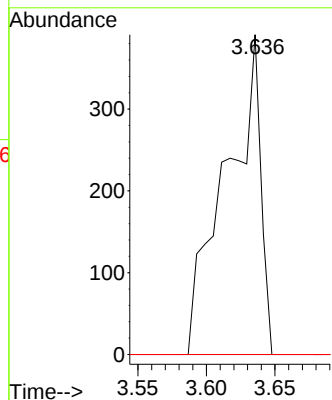
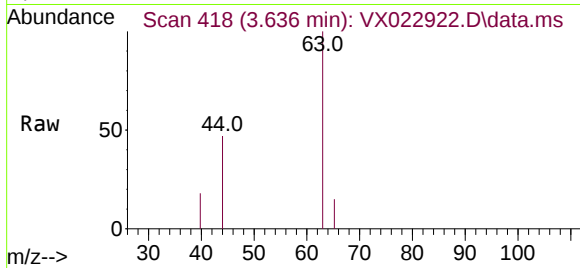




#24
1,1-Dichloroethane
Concen: 0.51 ug/l
RT: 3.636 min Scan# 418
Delta R.T. 0.018 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

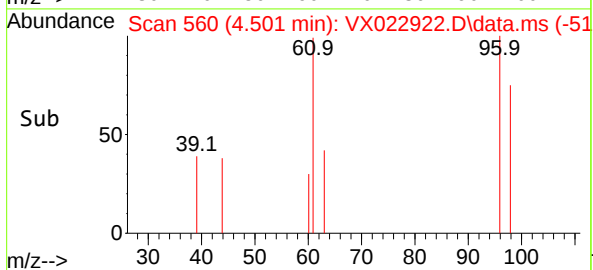
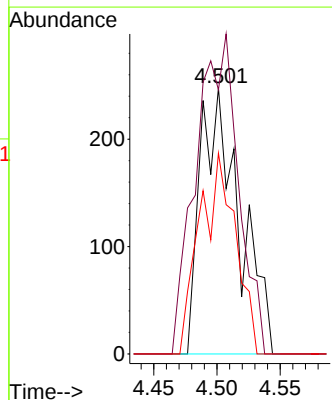
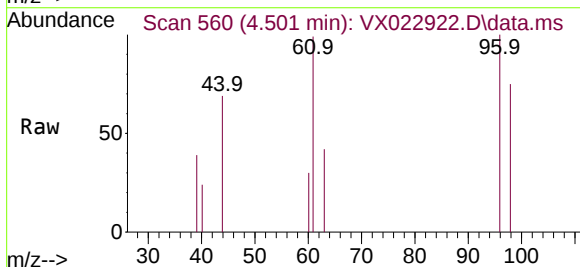
Instrument :
MSVOA_X
ClientSampled :

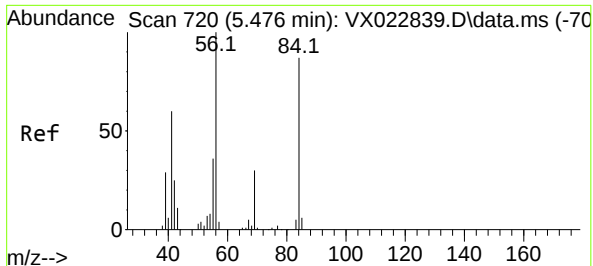
Tgt Ion: 63 Resp: 690
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 0.67 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

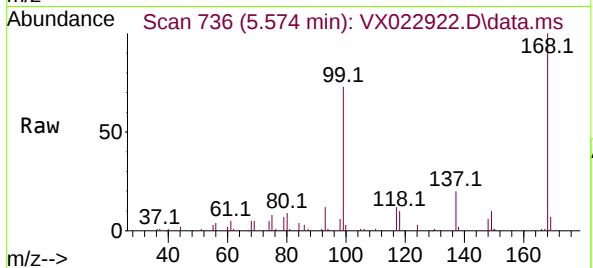
Tgt Ion: 96 Resp: 528
Ion Ratio Lower Upper
96 100
61 131.6 0.0 285.6
98 69.7 0.0 129.6



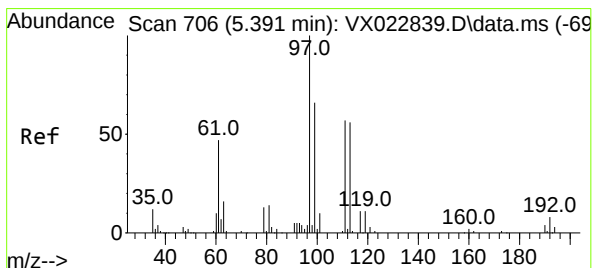
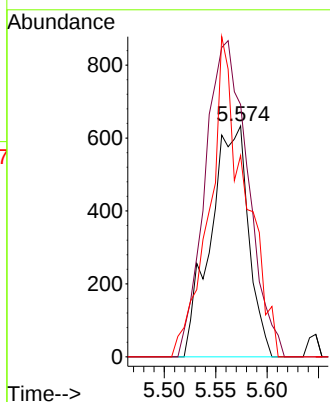
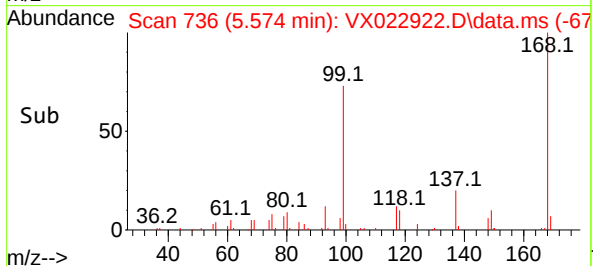


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.098 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

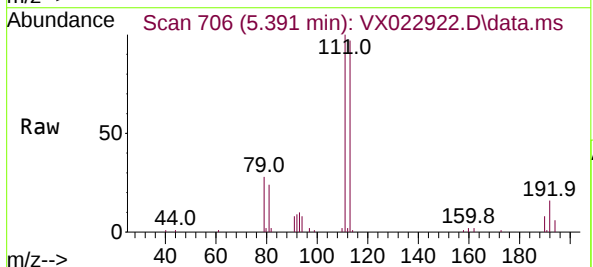
Instrument :
MSVOA_X
ClientSampleId :



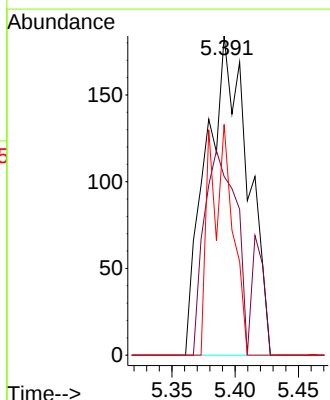
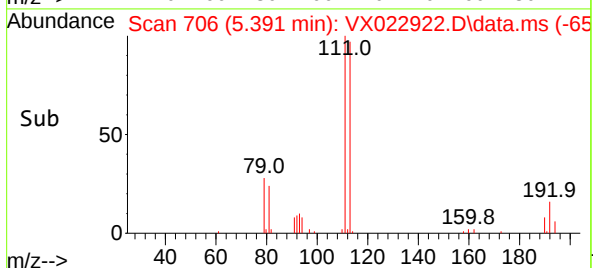
Tgt Ion: 56 Resp: 1630
Ion Ratio Lower Upper
56 100
69 109.3 25.3 37.9#
84 87.2 71.4 107.0

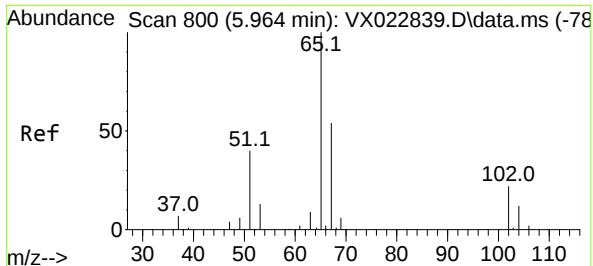


#32
1,1,1-Trichloroethane
Concen: 0.39 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52



Tgt Ion: 97 Resp: 422
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 39.3 34.2 51.4

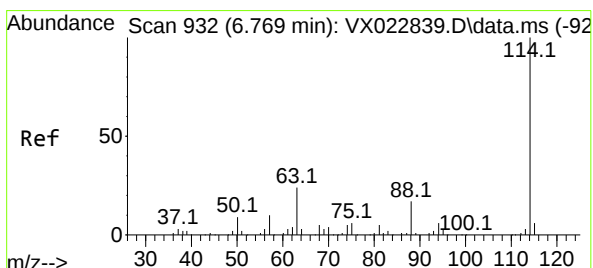
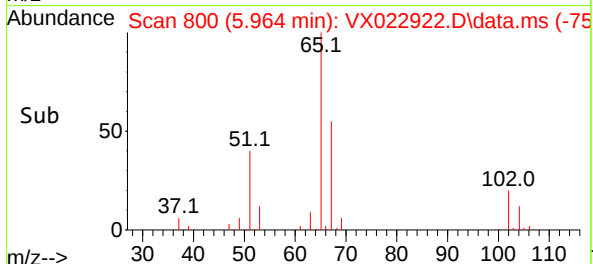
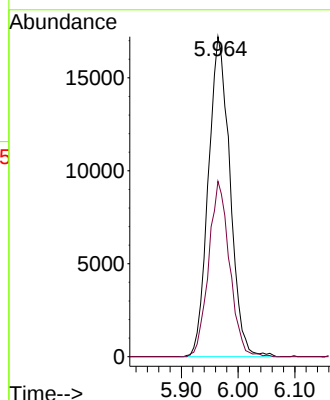
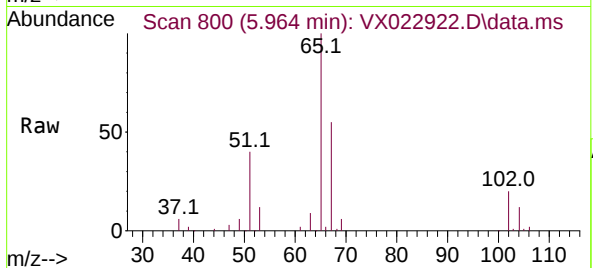




#33
 1,2-Dichloroethane-d4
 Concen: 51.08 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX022922.D
 Acq: 25 Jun 2021 14:52

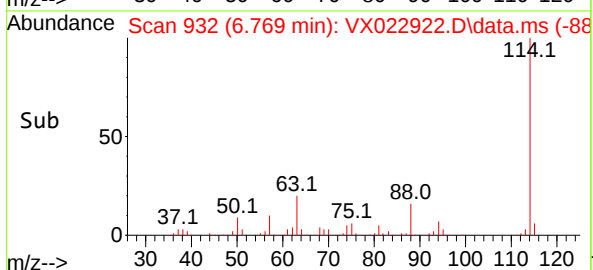
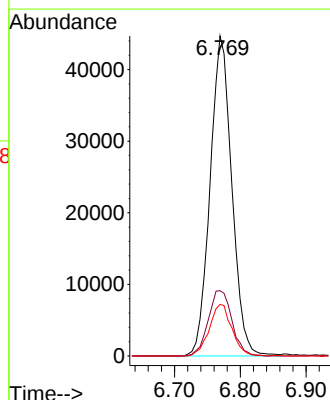
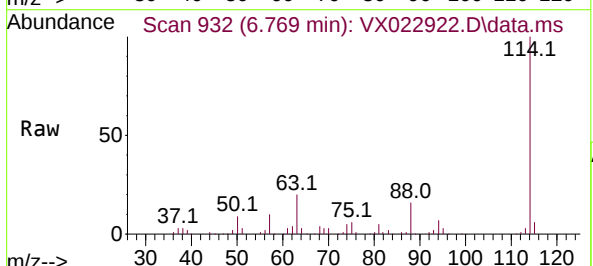
Instrument :
 MSVOA_X
 ClientSampleId :

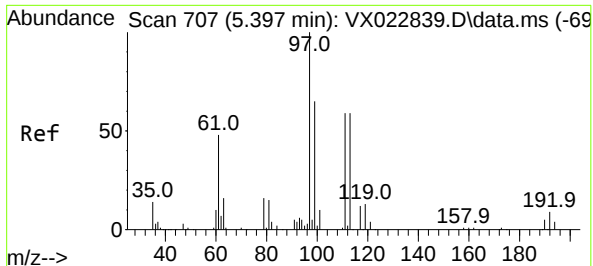
Tgt Ion: 65 Resp: 45556
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX022922.D
 Acq: 25 Jun 2021 14:52

Tgt Ion: 114 Resp: 102828
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.44 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

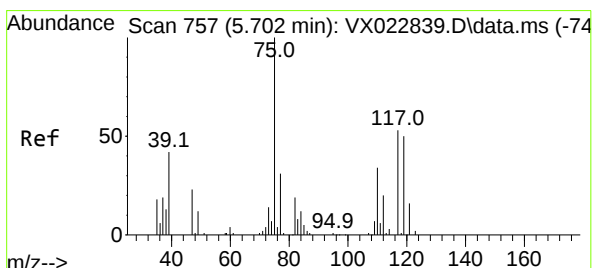
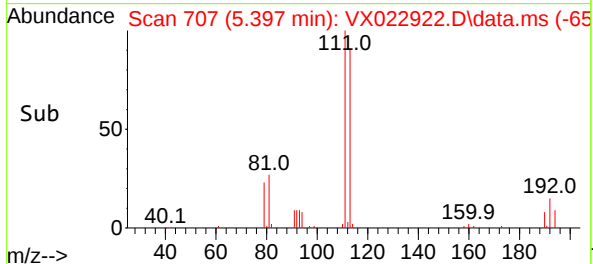
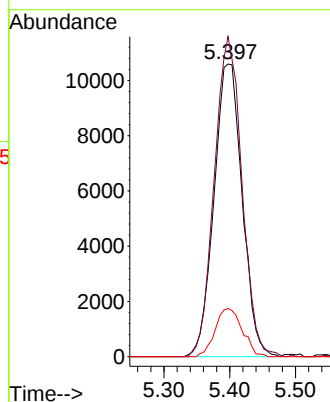
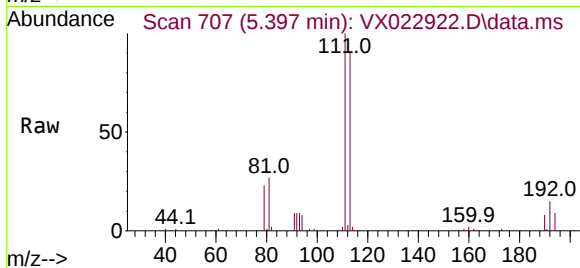
Tgt Ion:113 Resp: 31630

Ion Ratio Lower Upper

113 100

111 106.8 81.9 122.9

192 15.8 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.60 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

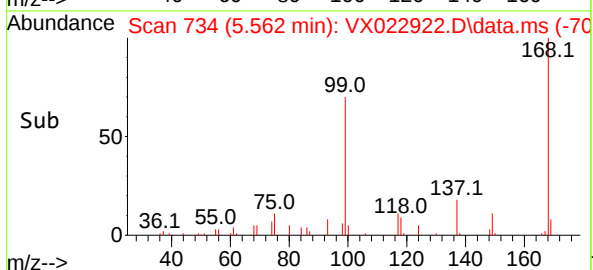
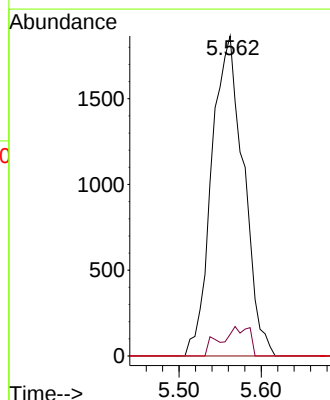
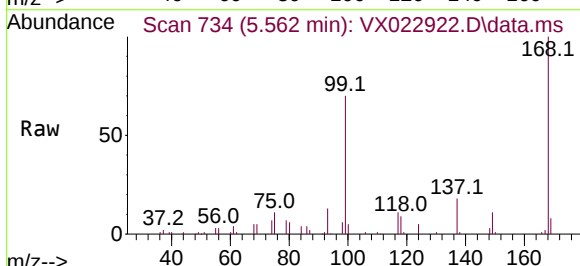
Tgt Ion: 75 Resp: 5026

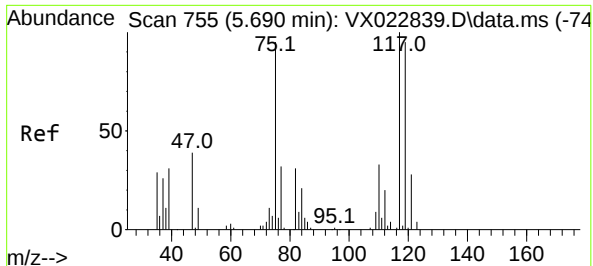
Ion Ratio Lower Upper

75 100

110 6.1 18.1 54.4#

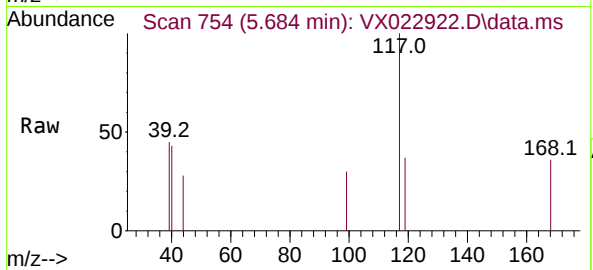
77 0.0 25.3 37.9#



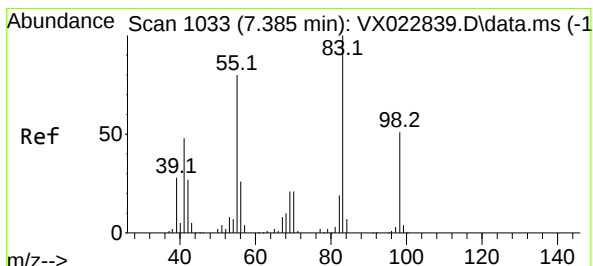
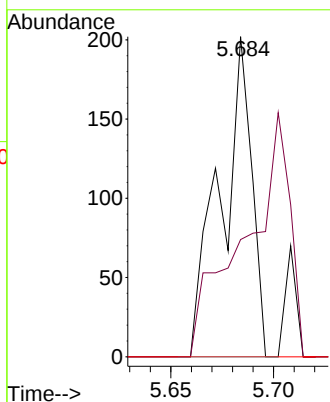
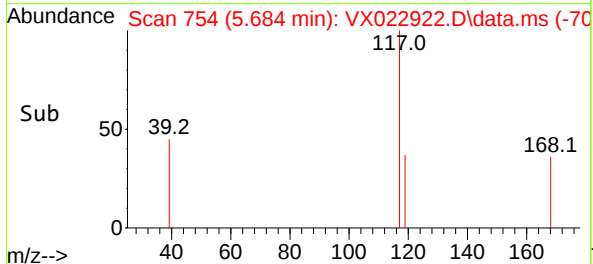


#38
Carbon Tetrachloride
Concen: 0.23 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

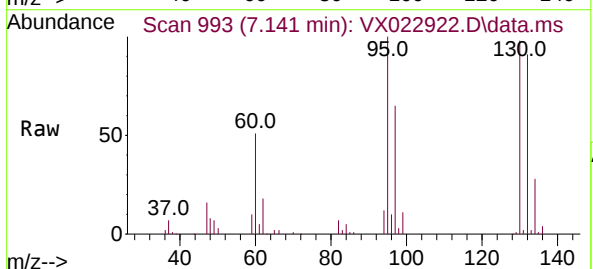
Instrument :
MSVOA_X
ClientSampleId :



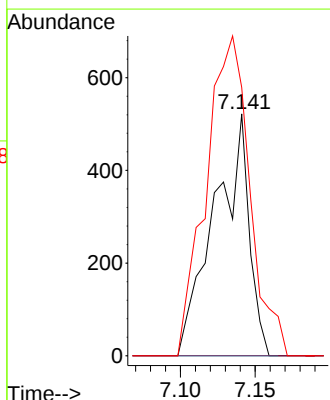
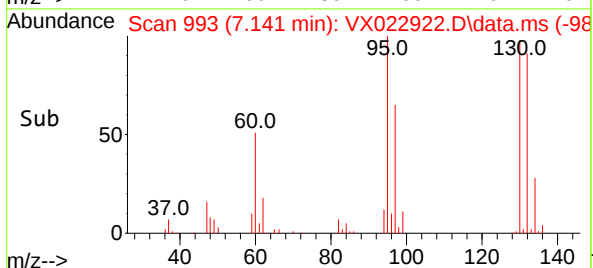
Tgt Ion:117 Resp: 211
Ion Ratio Lower Upper
117 100
119 36.6 76.2 114.2#
121 0.0 24.8 37.2#

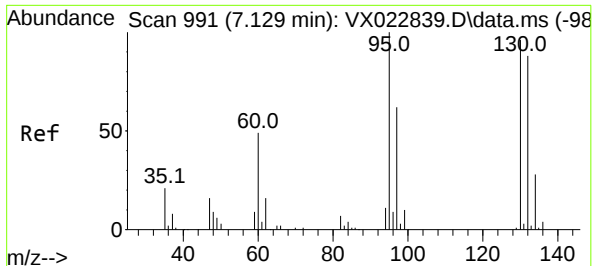


#39
Methylcyclohexane
Concen: 0.66 ug/l
RT: 7.141 min Scan# 993
Delta R.T. -0.244 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52



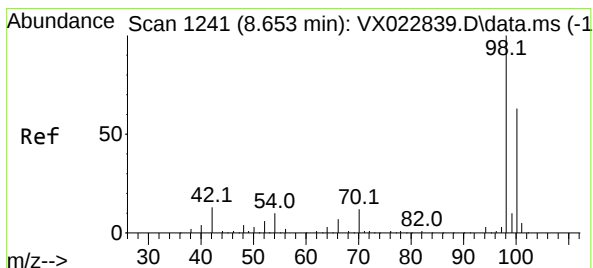
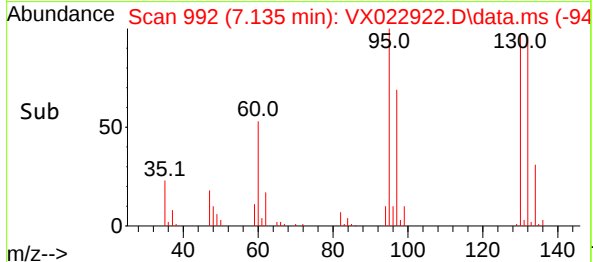
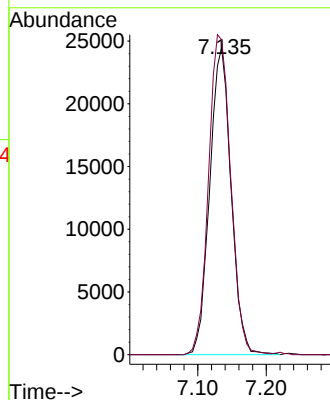
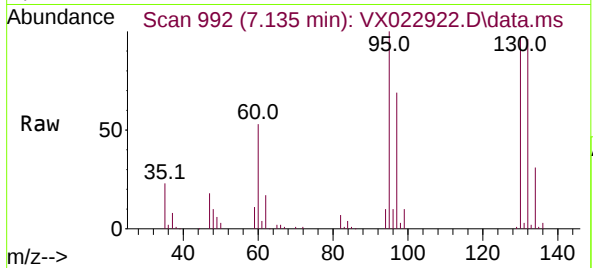
Tgt Ion: 83 Resp: 839
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 110.9 38.1 57.1#





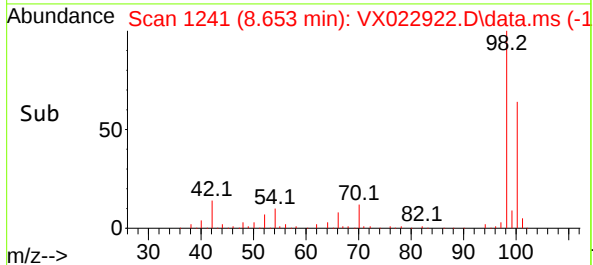
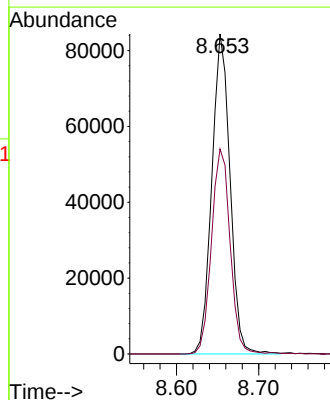
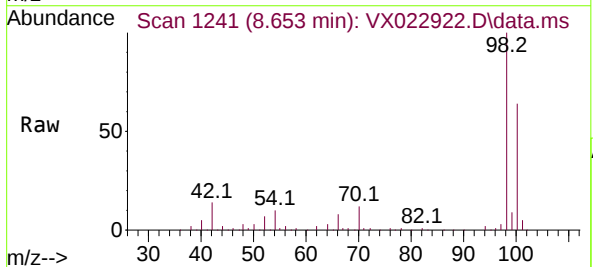
#44
Trichloroethene
Concen: 70.99 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion:130 Resp: 53021
Ion Ratio Lower Upper
130 100
95 102.6 0.0 198.0

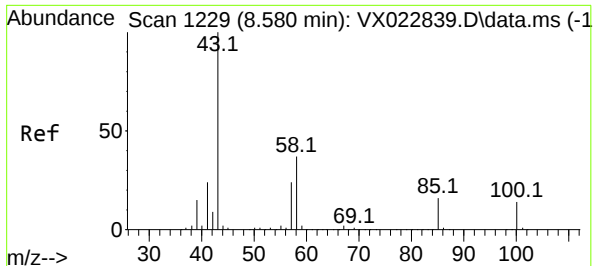


#50
Toluene-d8
Concen: 50.72 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 98 Resp: 129805
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



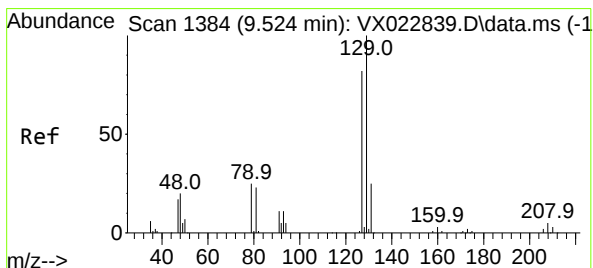
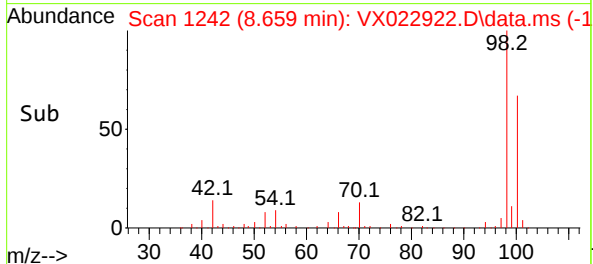
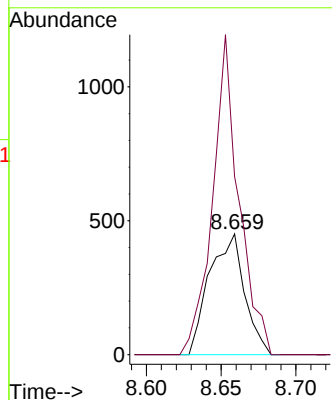
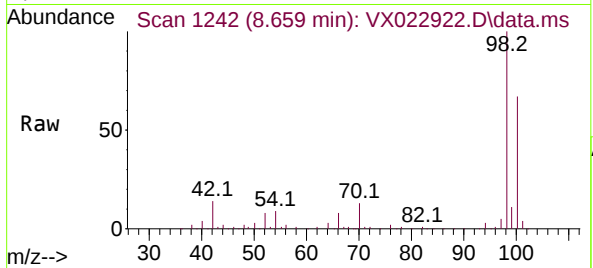
Instrument :
MSVOA_X
ClientSampled :



#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

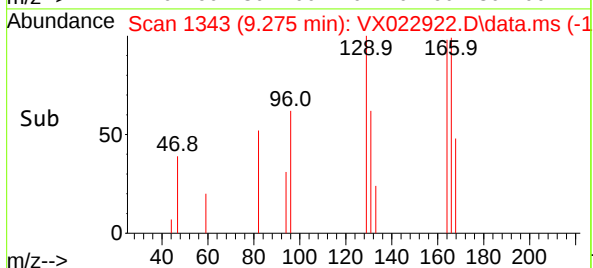
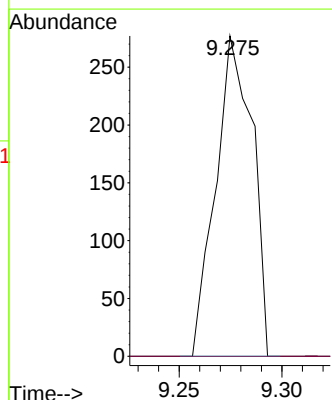
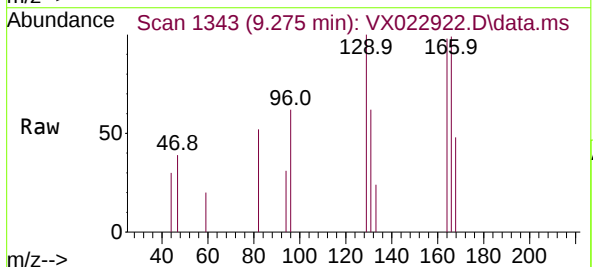
Instrument :
MSVOA_X
ClientSampled :

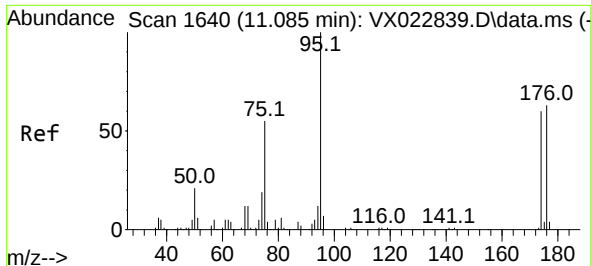
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 198.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.08 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 129 Resp: 344
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

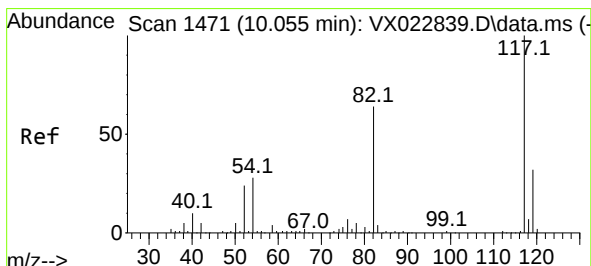
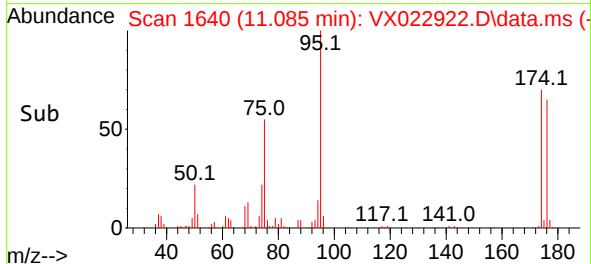
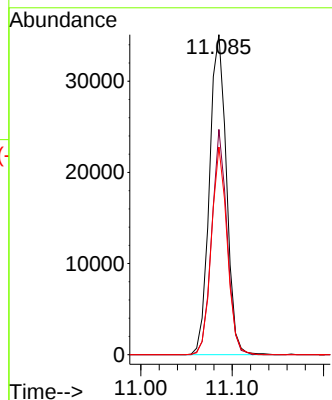
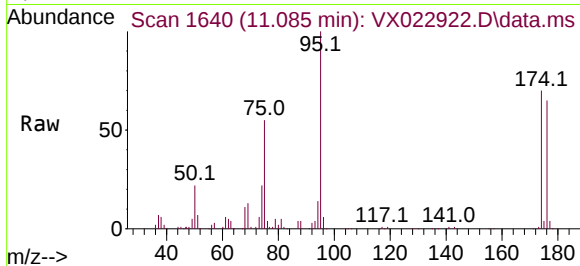




#62
4-Bromofluorobenzene
Concen: 47.17 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

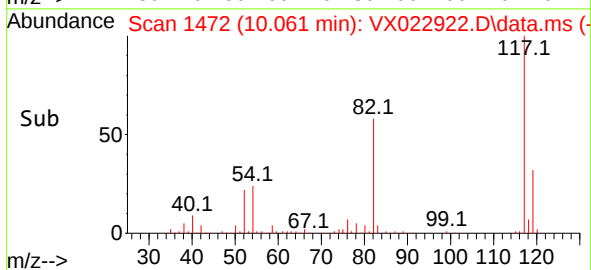
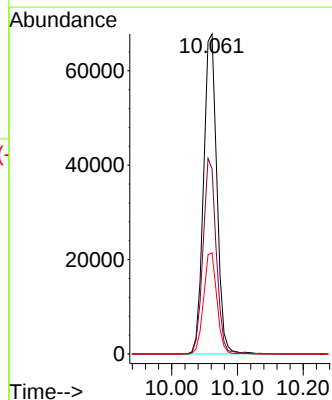
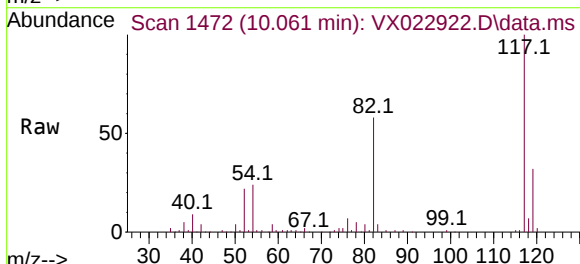
Instrument :
MSVOA_X
ClientSampleId :

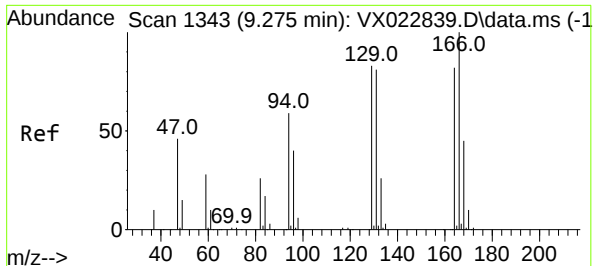
Tgt Ion: 95 Resp: 45056
Ion Ratio Lower Upper
95 100
174 63.6 0.0 154.6
176 60.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 117 Resp: 95481
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.6 26.6 39.8



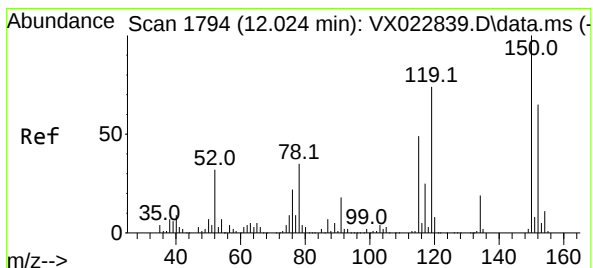
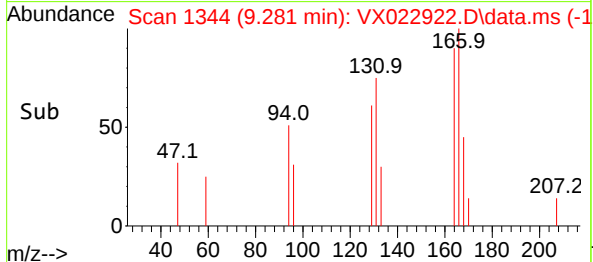
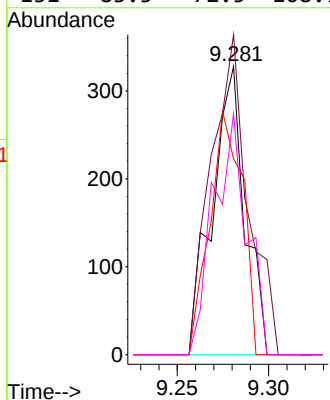
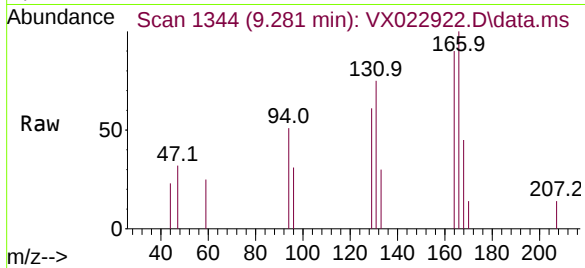


#64
Tetrachloroethene
Concen: 0.61 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:164 Resp: 407

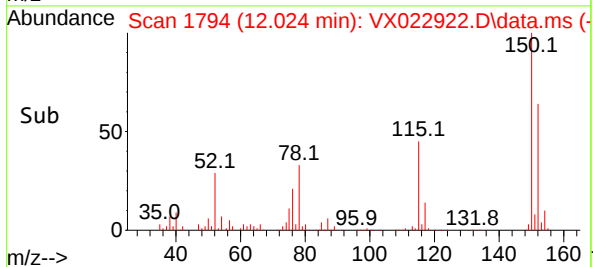
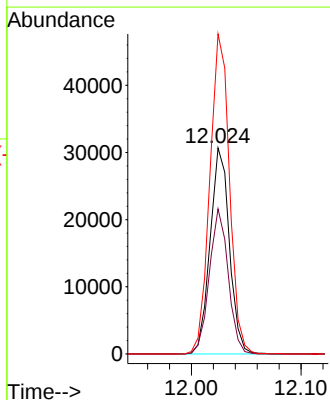
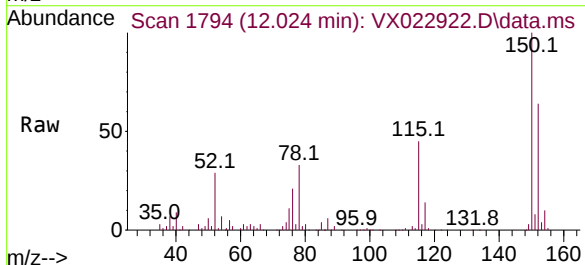
Ion	Ratio	Lower	Upper
164	100		
166	111.0	103.4	155.2
129	68.0	70.8	106.2#
131	83.5	72.5	108.7

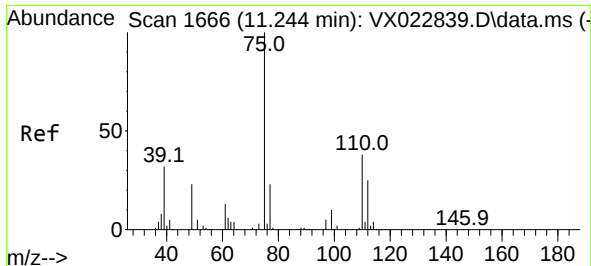


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion:152 Resp: 37522

Ion	Ratio	Lower	Upper
152	100		
115	68.7	41.1	123.3
150	157.6	0.0	349.0

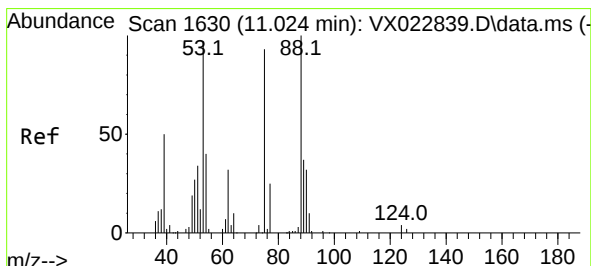
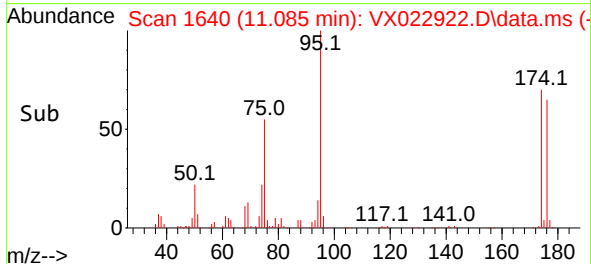
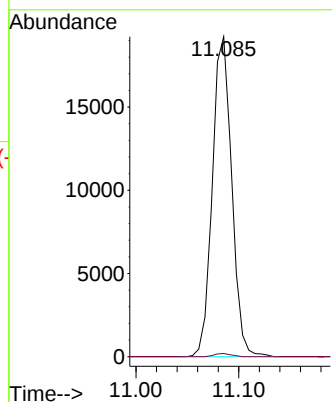
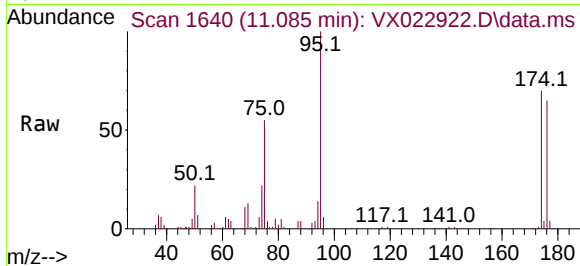




#76
1,2,3-Trichloropropane
Concen: 25.39 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 25166
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 75 Resp: 25166
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

