

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
 Data File : VX022225.D
 Acq On : 27 May 2021 12:22
 Operator : JC/MD
 Sample : VX0528MBL01
 Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 27 13:40:14 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	5.562	168	67830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146313	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49103	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57631	55.08	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.16%
35) Dibromofluoromethane	5.391	113	44947	48.44	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.88%
50) Toluene-d8	8.653	98	176438	49.36	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.72%
62) 4-Bromofluorobenzene	11.085	95	61153	46.29	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.58%

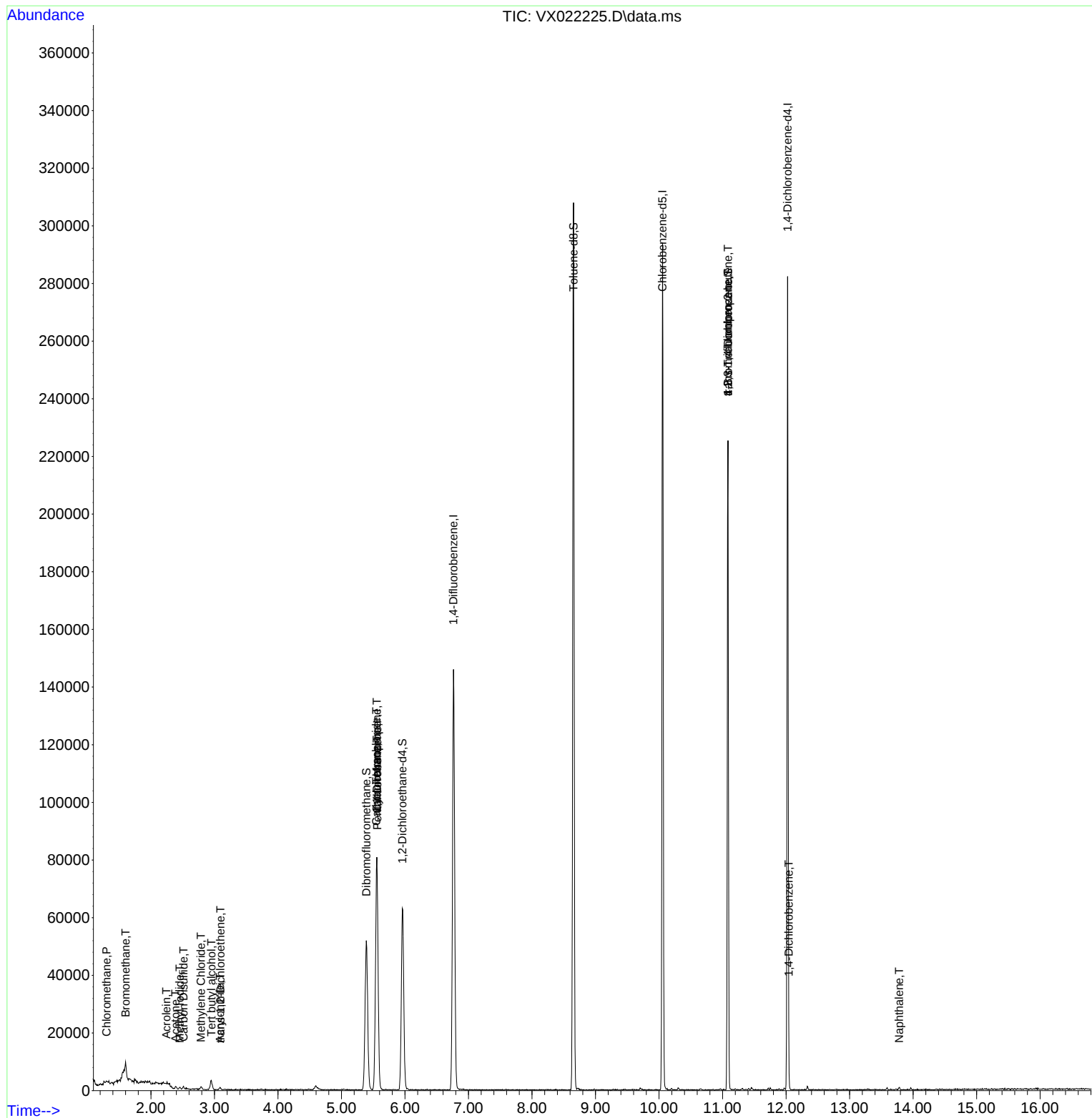
Target Compounds						Qvalue
3) Chloromethane	1.300	50	218	0.25	ug/l #	85
5) Bromomethane	1.599	94	394	0.72	ug/l	95
10) Methyl Iodide	2.453	142	880	1.02	ug/l #	84
11) Tert butyl alcohol	2.953	59	2111	8.82	ug/l #	73
13) Acrolein	2.239	56	97	0.61	ug/l #	1
15) Acrylonitrile	3.087	53	248	0.53	ug/l #	83
16) Acetone	2.386	43	650	1.43	ug/l #	81
17) Carbon Disulfide	2.514	76	922	0.45	ug/l #	75
20) Methylene Chloride	2.788	84	476	0.47	ug/l #	65
21) trans-1,2-Dichloroethene	3.093	96	172	0.20	ug/l	89
31) Cyclohexane	5.556	56	2129	1.62	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6394	4.73	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8173	6.18	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	32143	26.53	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	32143	62.87	ug/l #	12
88) 1,4-Dichlorobenzene	12.042	146	406	0.23	ug/l #	1
95) Naphthalene	13.780	128	895	0.23	ug/l #	86

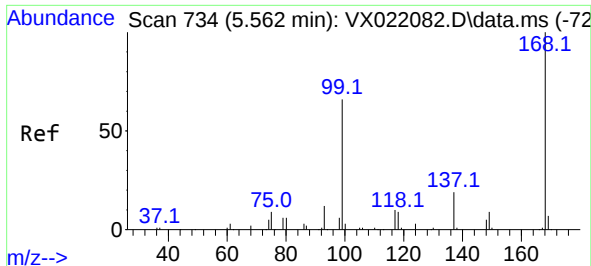
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052821\
Data File : VX022225.D
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Sample : VX0528MBL01
Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: May 27 13:40:14 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

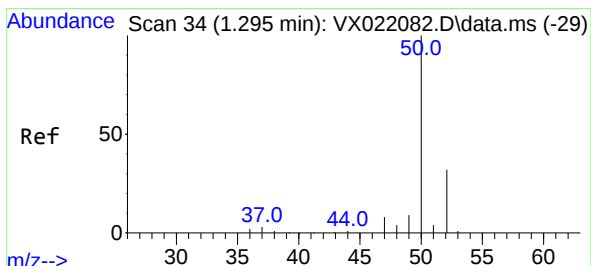
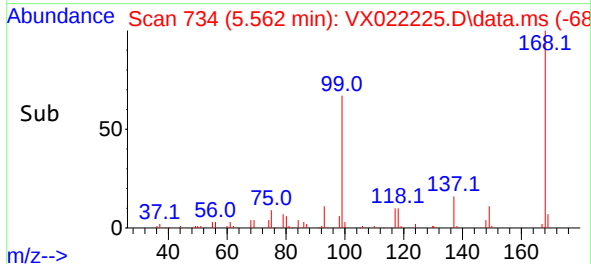
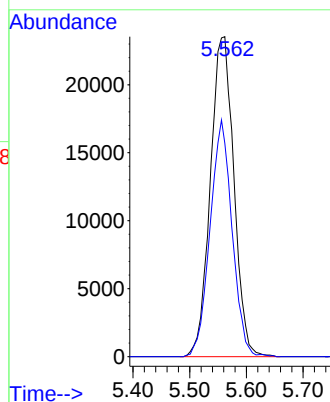
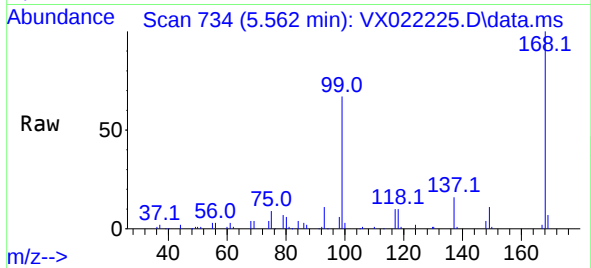




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

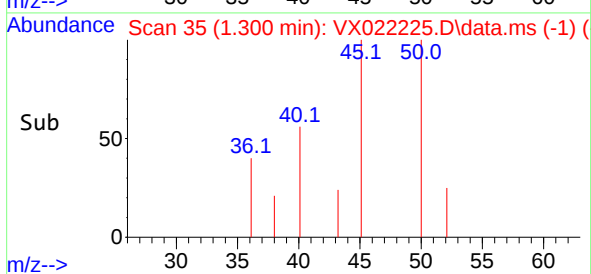
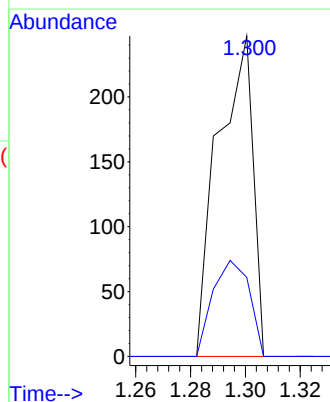
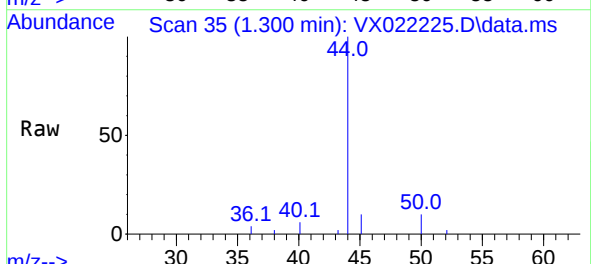
Instrument :
MSVOA_X
ClientSampleId :

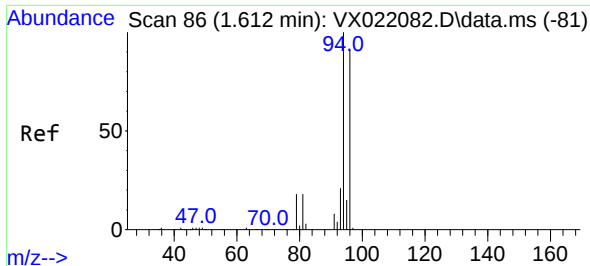
Tgt Ion:168 Resp: 67830
Ion Ratio Lower Upper
168 100
99 66.7 45.8 68.6



#3
Chloromethane
Concen: 0.25 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 50 Resp: 218
Ion Ratio Lower Upper
50 100
52 24.7 26.4 39.6#

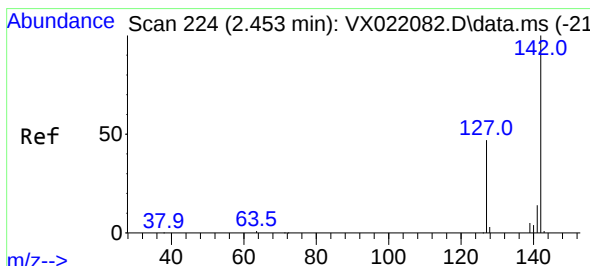
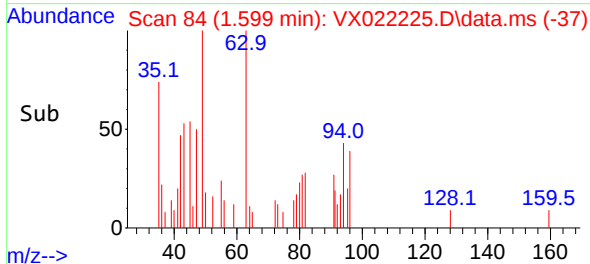
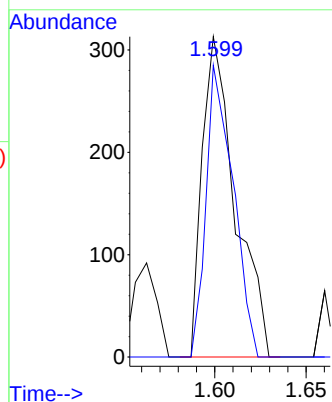
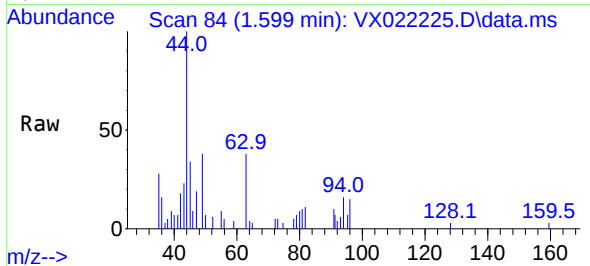




#5
Bromomethane
Concen: 0.72 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.013 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

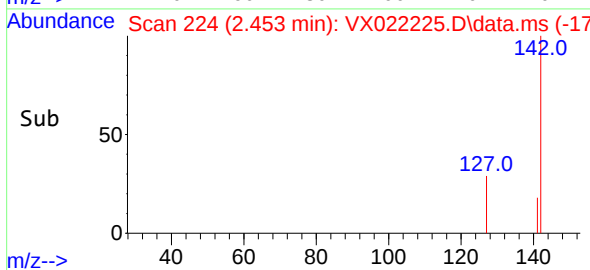
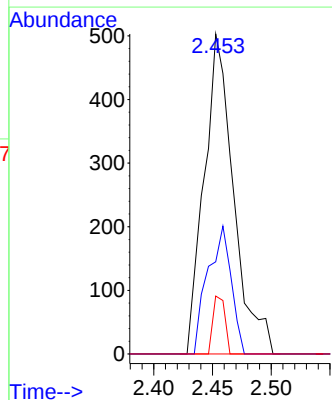
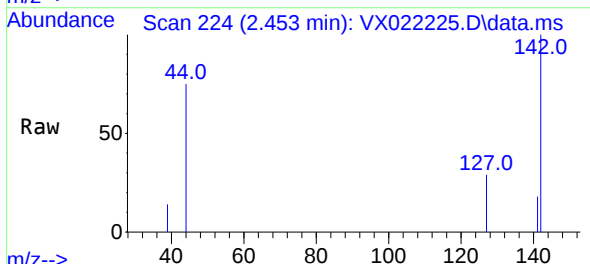
Instrument :
MSVOA_X
ClientSampleId :

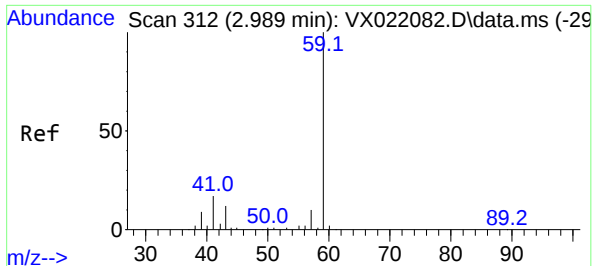
Tgt Ion: 94 Resp: 394
Ion Ratio Lower Upper
94 100
96 91.1 76.4 114.6



#10
Methyl Iodide
Concen: 1.02 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 142 Resp: 880
Ion Ratio Lower Upper
142 100
127 31.7 33.3 49.9#
141 7.3 11.4 17.0#



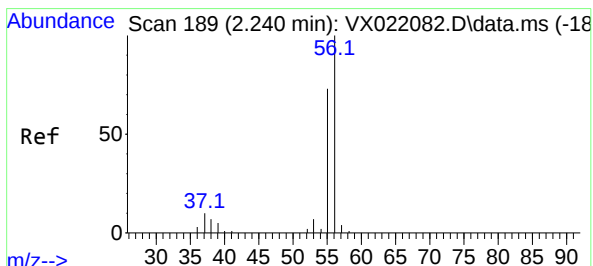
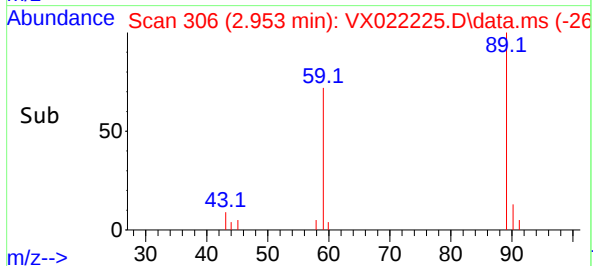
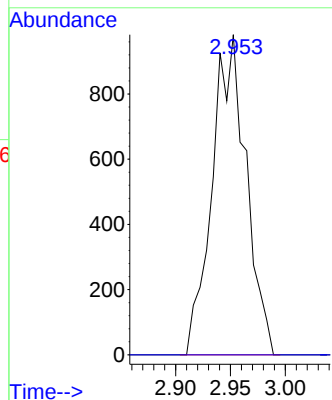
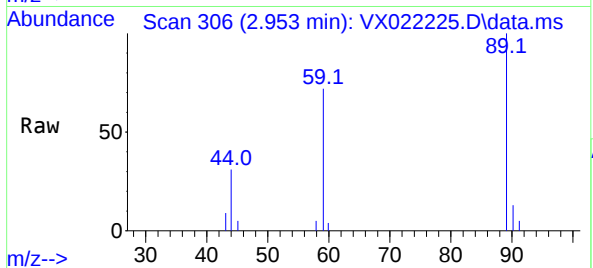


#11

Tert butyl alcohol
Concen: 8.82 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Instrument :
MSVOA_X
ClientSampled :

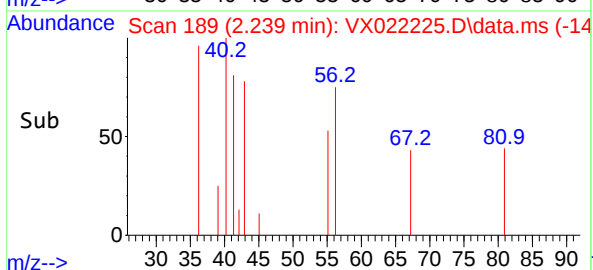
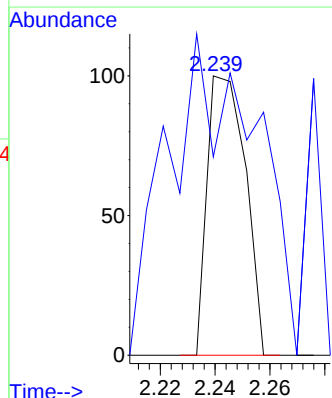
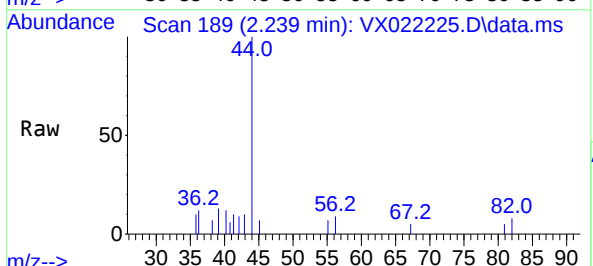
Tgt Ion: 59 Resp: 2111
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

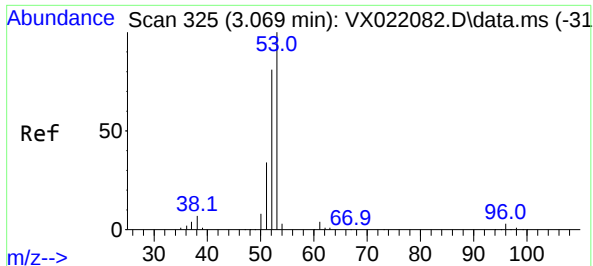


#13

Acrolein
Concen: 0.61 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 56 Resp: 97
Ion Ratio Lower Upper
56 100
55 262.9 56.4 84.6#

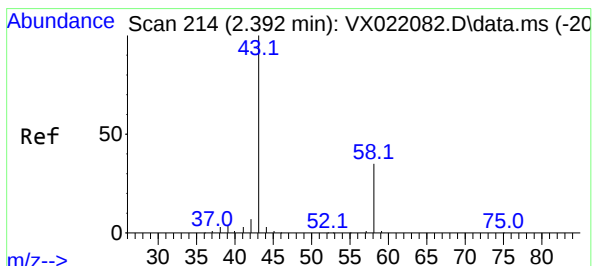
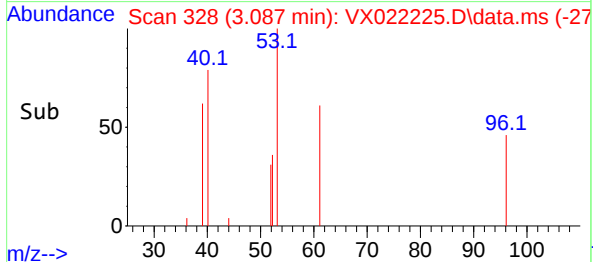
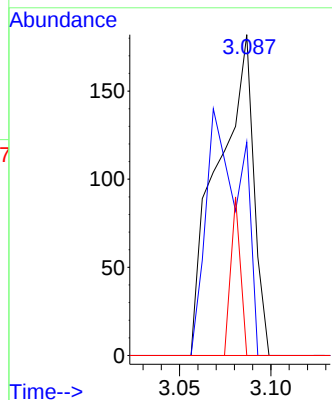
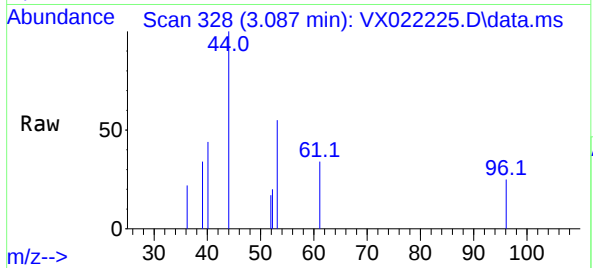




#15
Acrylonitrile
Concen: 0.53 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.018 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

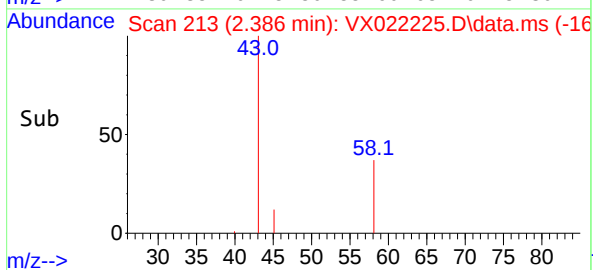
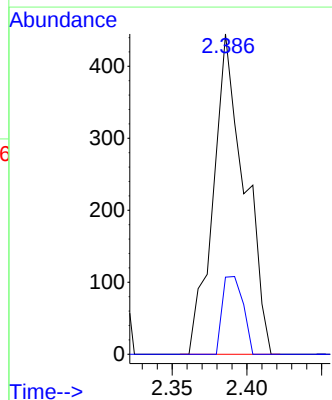
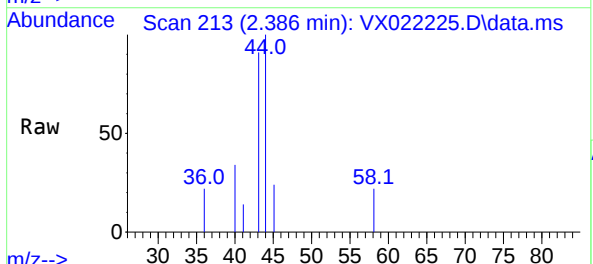
Instrument :
MSVOA_X
ClientSampled :

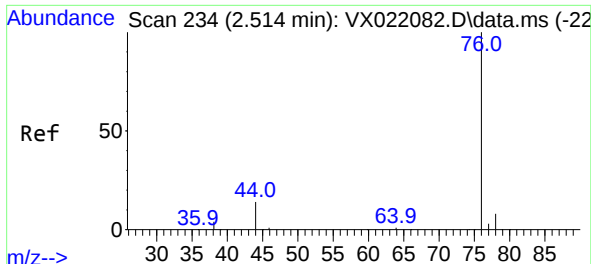
Tgt Ion: 53 Resp: 248
Ion Ratio Lower Upper
53 100
52 75.0 65.3 97.9
51 13.3 28.2 42.2#



#16
Acetone
Concen: 1.43 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 24.0 27.8 41.8#

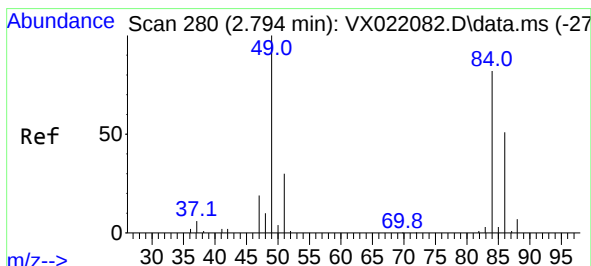
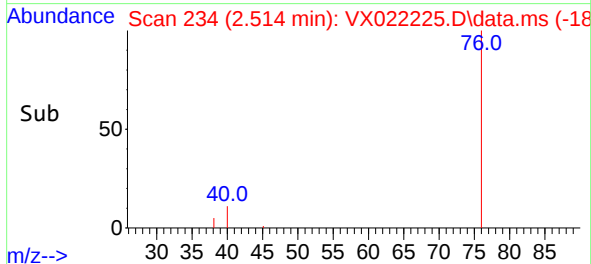
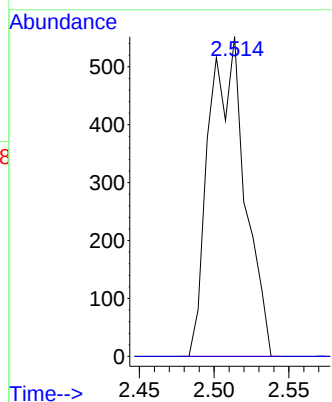
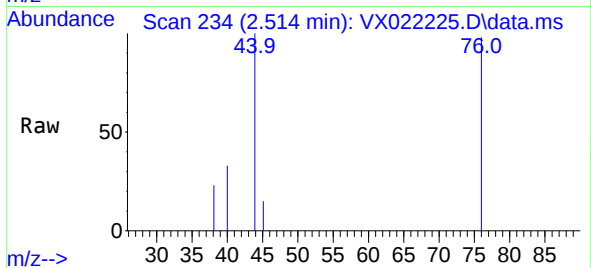




#17
Carbon Disulfide
Concen: 0.45 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

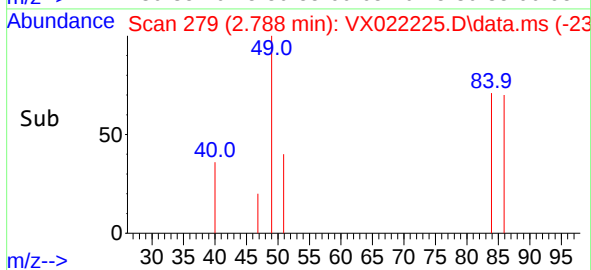
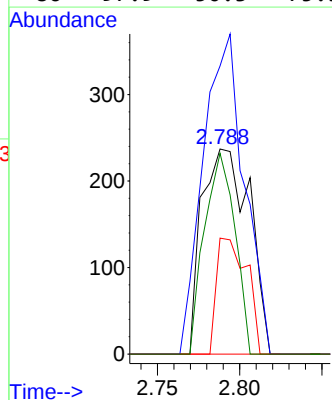
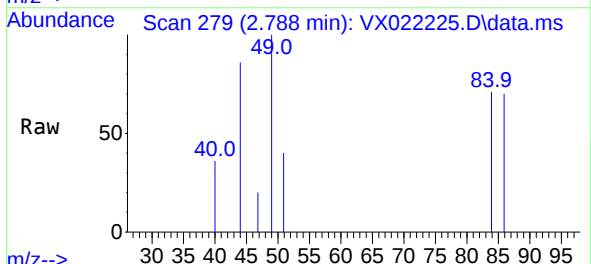
Instrument :
MSVOA_X
ClientSampled :

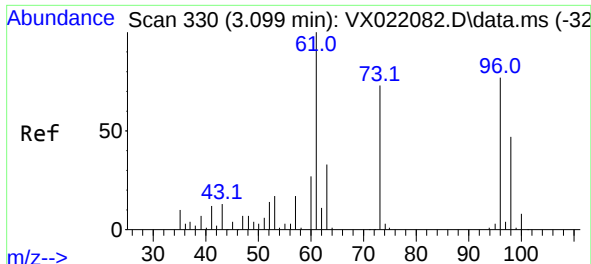
Tgt Ion: 76 Resp: 922
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.47 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 84 Resp: 476
Ion Ratio Lower Upper
84 100
49 140.5 88.6 132.8#
51 56.5 27.0 40.6#
86 97.9 50.3 75.5#

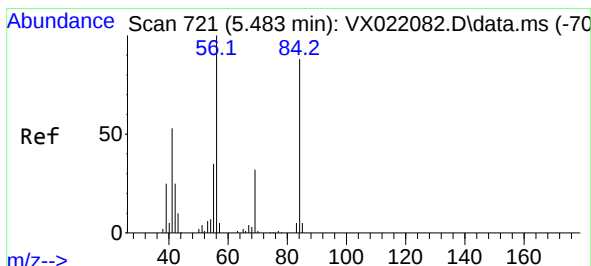
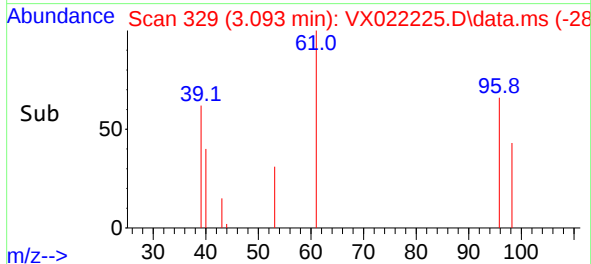
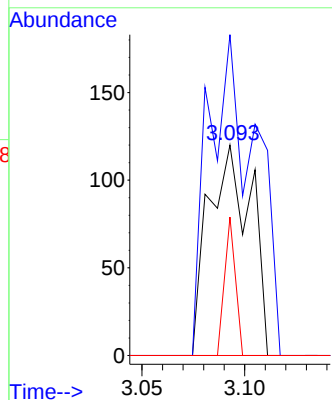
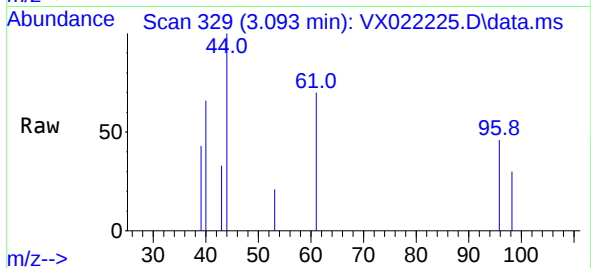




#21
trans-1,2-Dichloroethene
Concen: 0.20 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

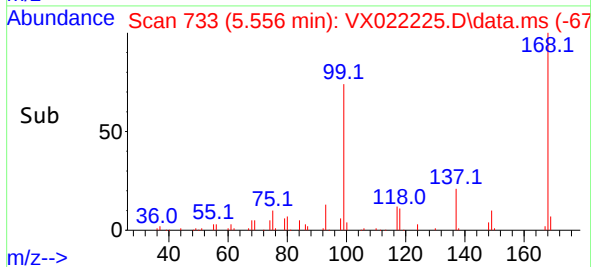
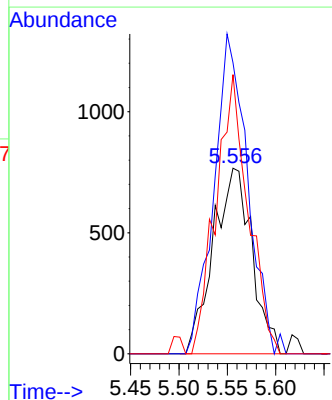
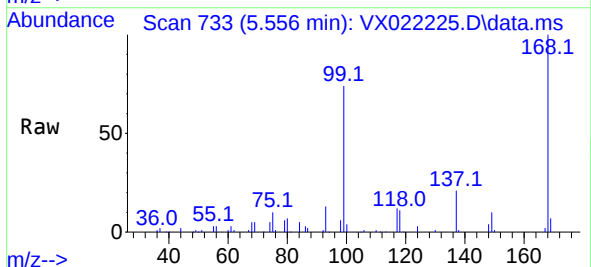
Instrument :
MSVOA_X
ClientSampled :

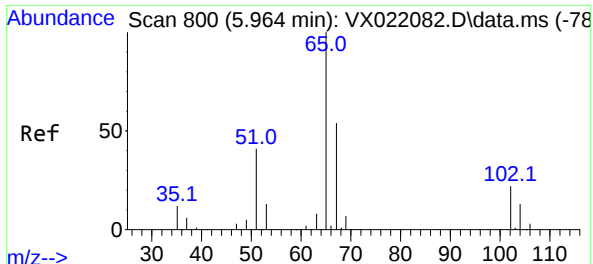
Tgt Ion: 96 Resp: 172
Ion Ratio Lower Upper
96 100
61 152.5 107.7 161.5
98 65.8 50.4 75.6



#31
Cyclohexane
Concen: 1.62 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 56 Resp: 2129
Ion Ratio Lower Upper
56 100
69 156.7 25.3 37.9#
84 150.3 71.4 107.0#

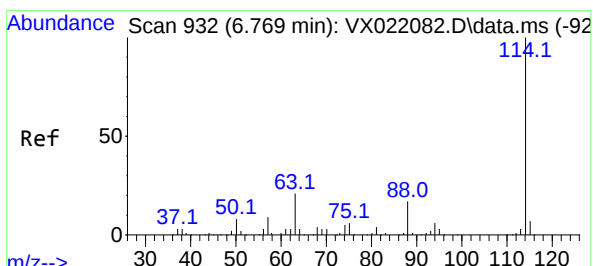
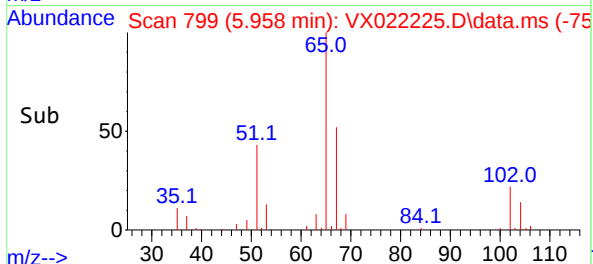
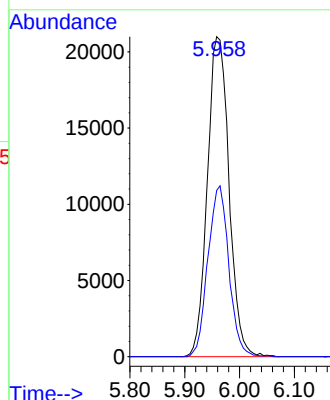
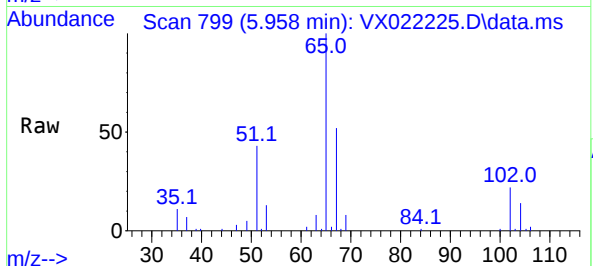




#33
1,2-Dichloroethane-d4
Concen: 55.08 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

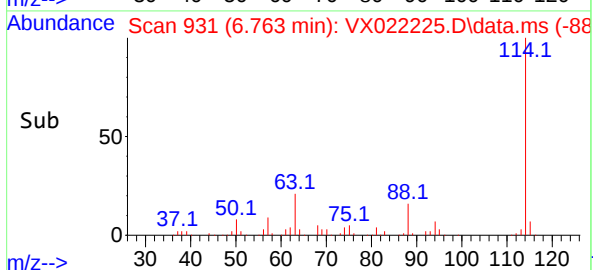
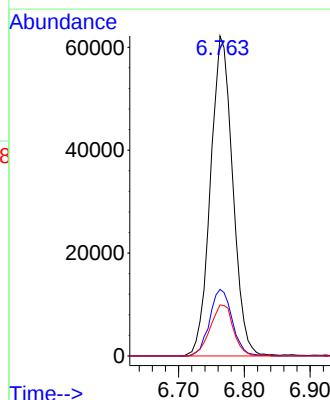
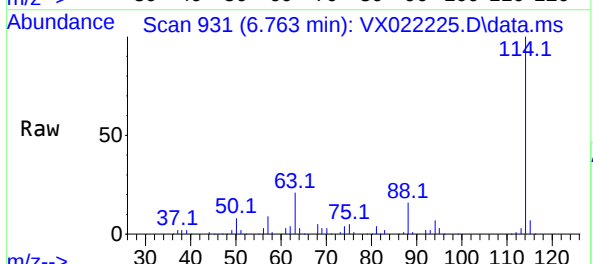
Instrument :
MSVOA_X
ClientSampleId :

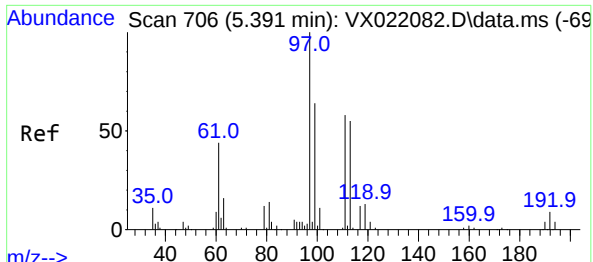
Tgt Ion: 65 Resp: 57631
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 114 Resp: 146313
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.0 0.0 32.8



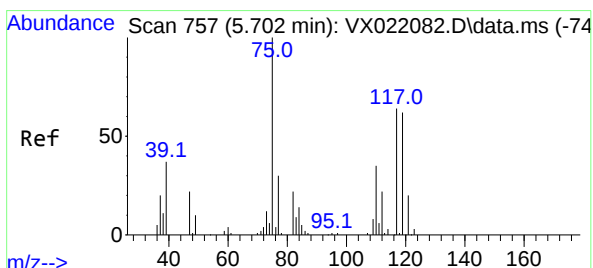
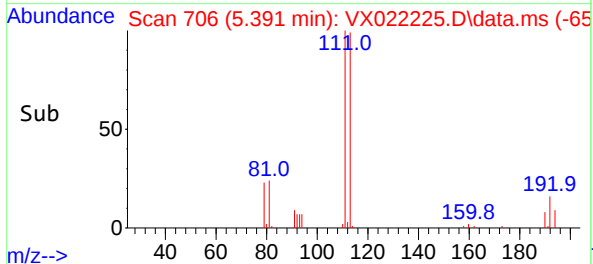
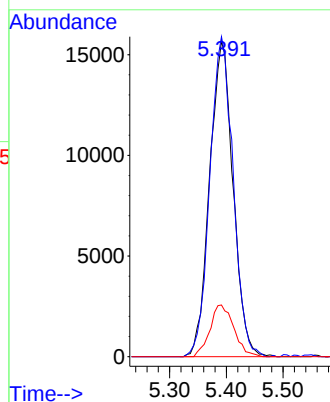
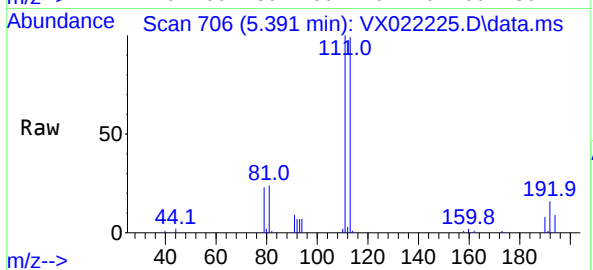


#35
Dibromofluoromethane
Concen: 48.44 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 44947

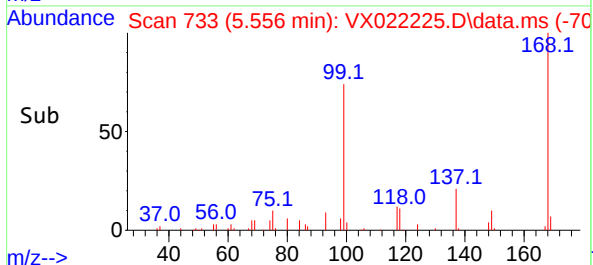
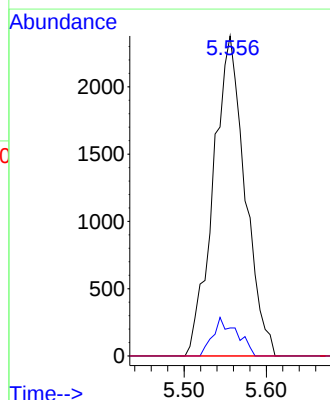
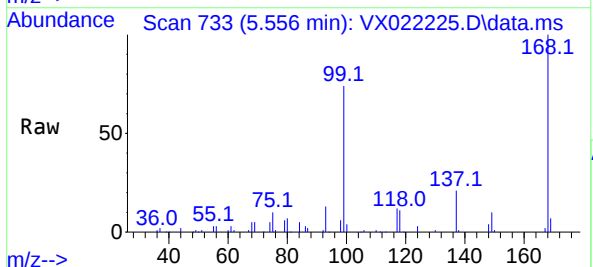
Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.9	122.9
192	16.8	16.7	25.1

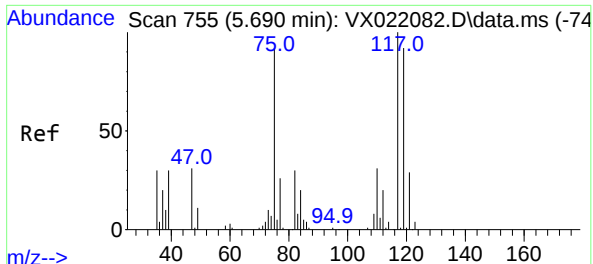


#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 75 Resp: 6394

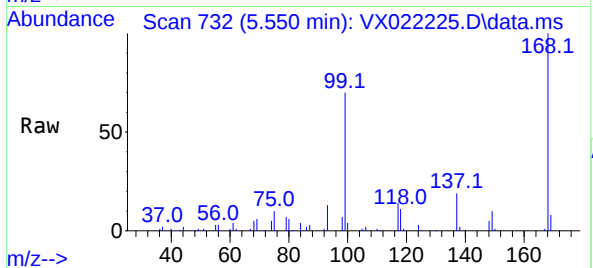
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.4#
77	0.0	25.3	37.9#



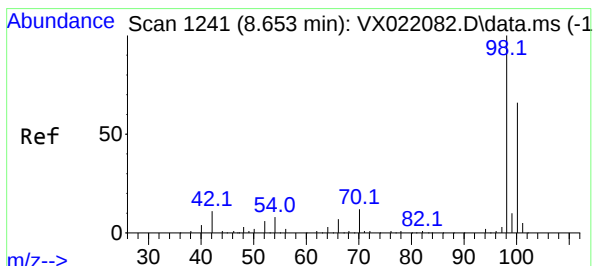
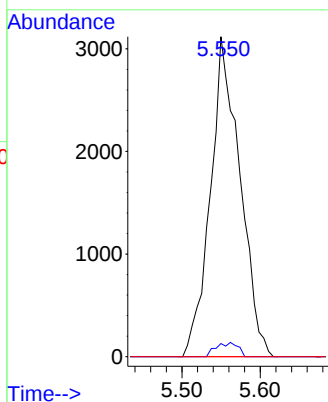
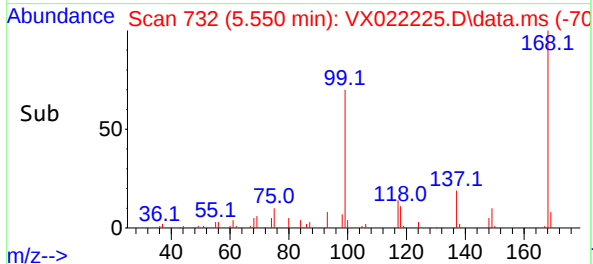


#38
Carbon Tetrachloride
Concen: 6.18 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

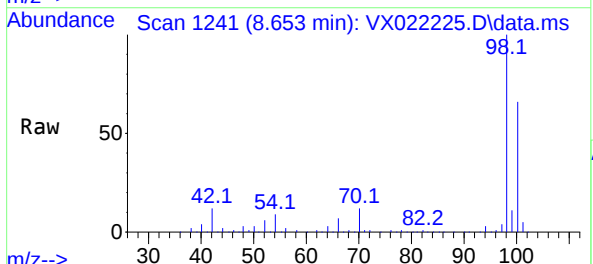
Instrument :
MSVOA_X
ClientSampleId :



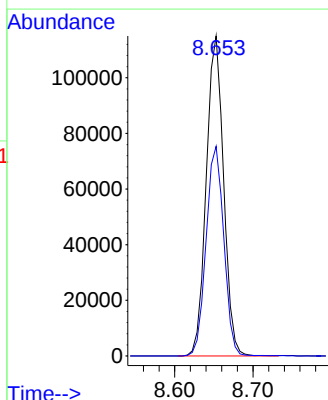
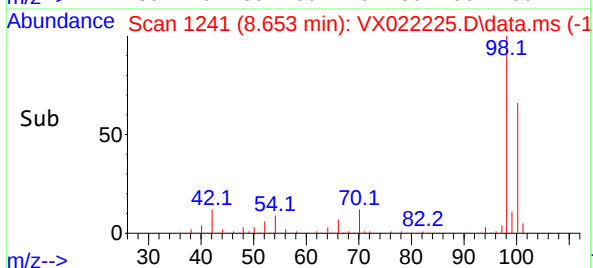
Tgt Ion:117 Resp: 8173
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#

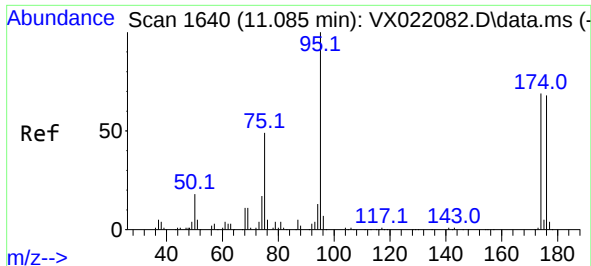


#50
Toluene-d8
Concen: 49.36 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22



Tgt Ion: 98 Resp: 176438
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9

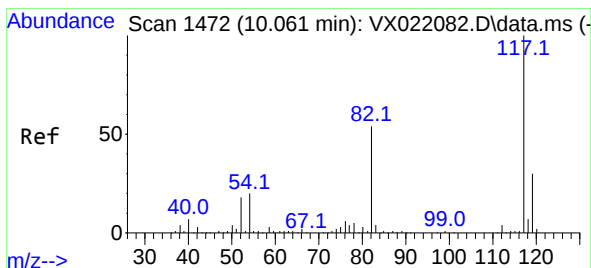
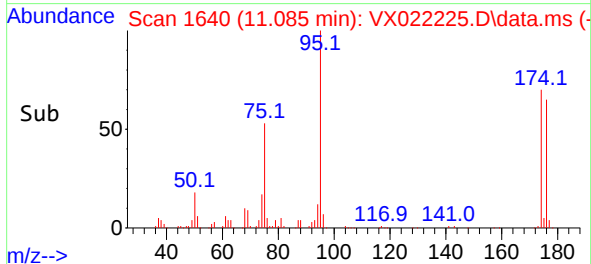
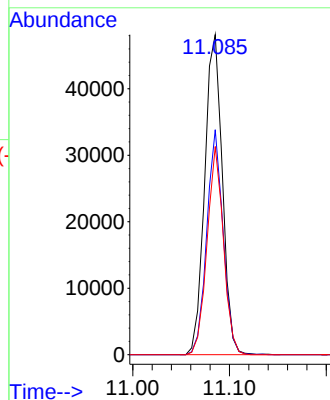
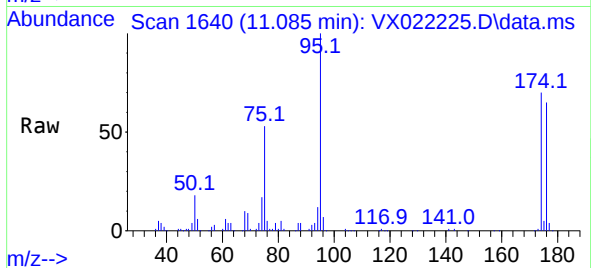




#62
4-Bromofluorobenzene
Concen: 46.29 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

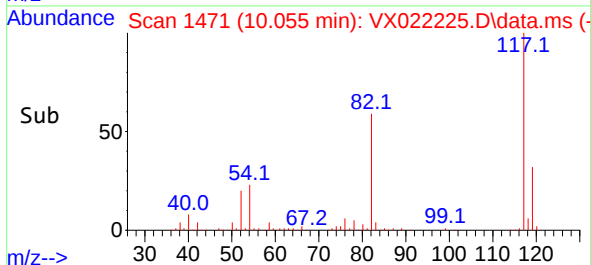
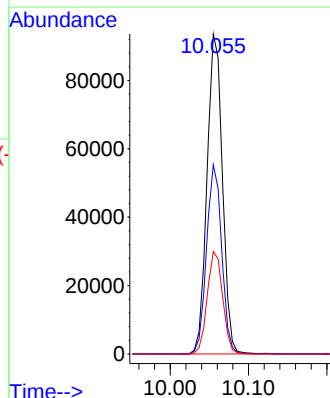
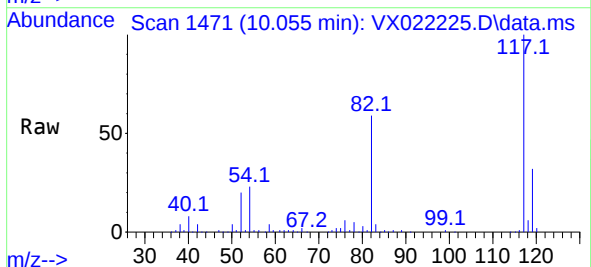
Instrument :
MSVOA_X
ClientSampleId :

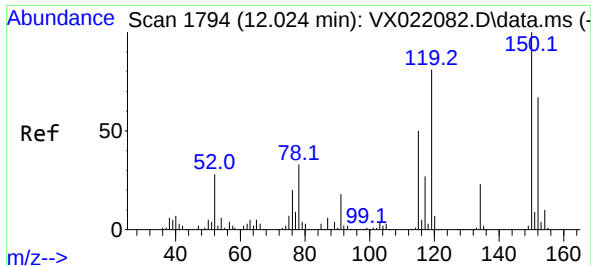
Tgt Ion: 95 Resp: 61153
Ion Ratio Lower Upper
95 100
174 65.3 0.0 154.6
176 60.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 117 Resp: 127515
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 32.0 26.6 39.8

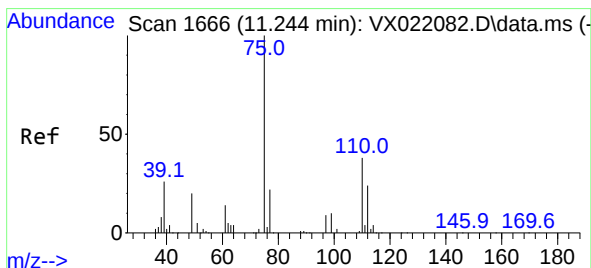
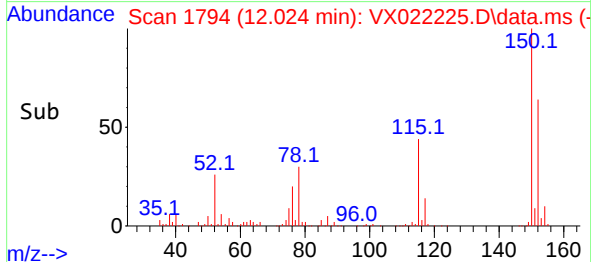
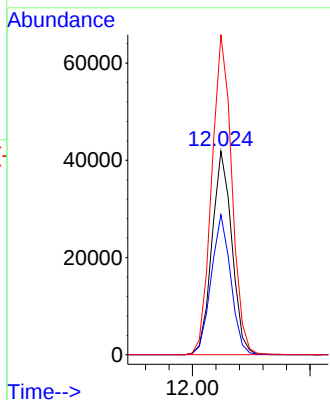
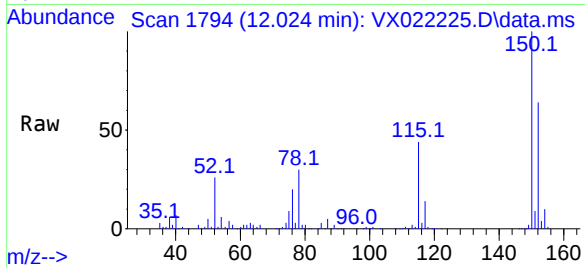




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

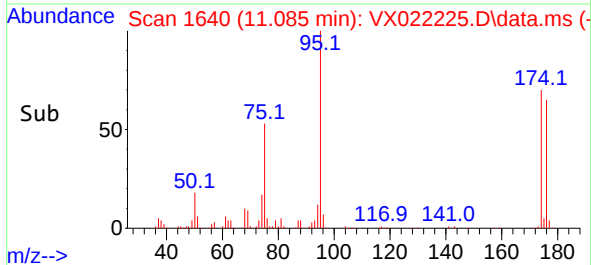
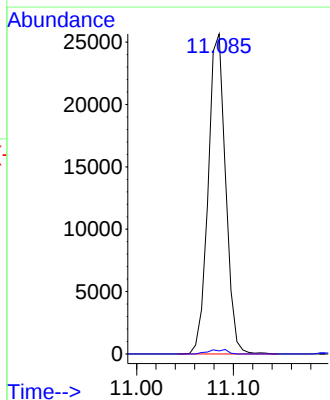
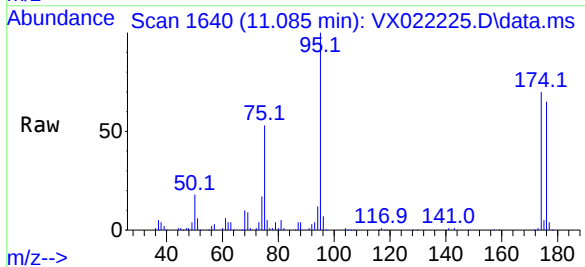
Instrument :
MSVOA_X
ClientSampled :

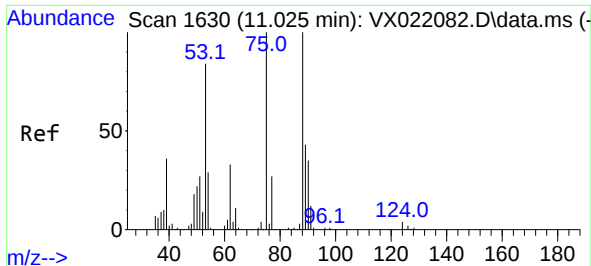
Tgt Ion:152 Resp: 49103
Ion Ratio Lower Upper
152 100
115 67.9 41.1 123.3
150 159.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.53 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Tgt Ion: 75 Resp: 32143
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

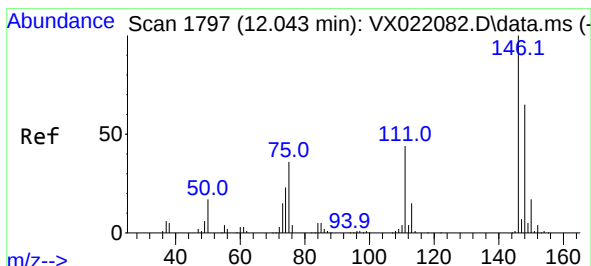
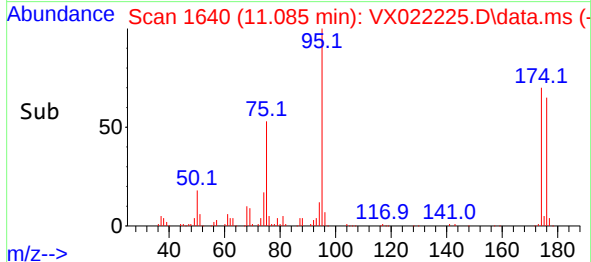
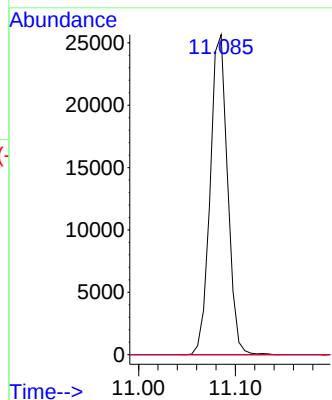
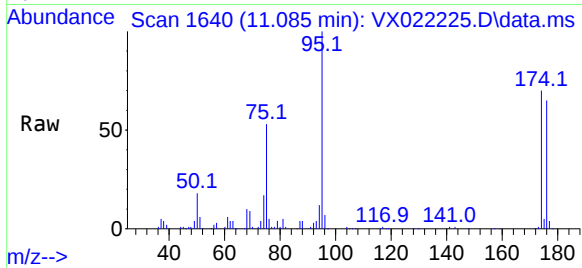




#81
trans-1,4-Dichloro-2-butene
Concen: 62.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

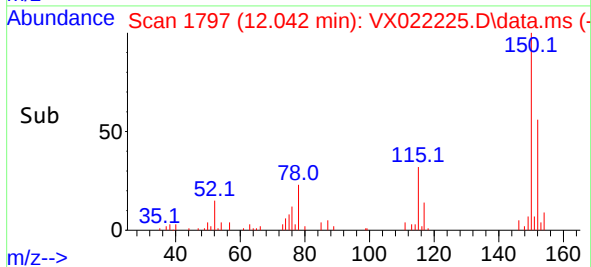
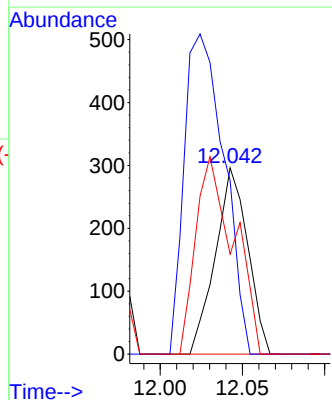
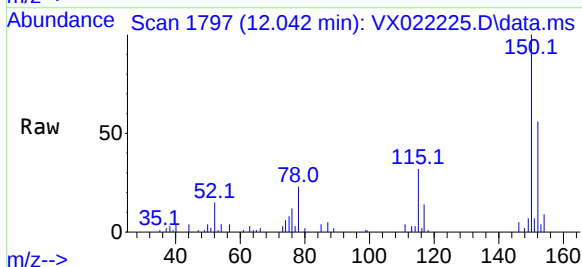
Instrument :
MSVOA_X
ClientSampleId :

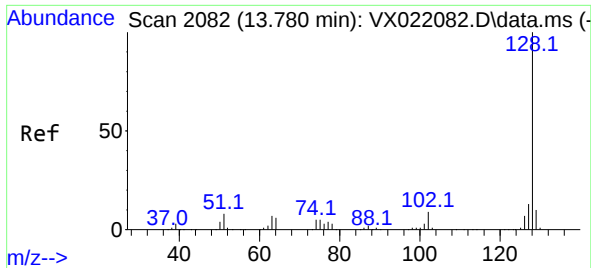
Tgt Ion: 75 Resp: 32143
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#88
1,4-Dichlorobenzene
Concen: 0.23 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. -0.001 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

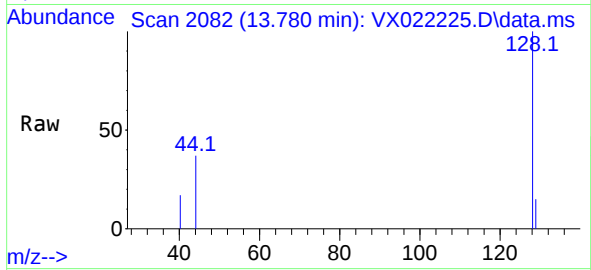
Tgt Ion:146 Resp: 406
Ion Ratio Lower Upper
146 100
111 211.3 19.6 58.8#
148 124.9 31.6 95.0#





#95
Naphthalene
Concen: 0.23 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022225.D
Acq: 27 May 2021 12:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	895
Ion	Ratio	Lower	Upper
128	100		
127	2.8	10.3	15.5#
129	10.6	8.8	13.2

