

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024612.D
 Acq On : 06 Oct 2021 11:17
 Operator : JC/MD
 Sample : VX1006MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 06 15:21:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

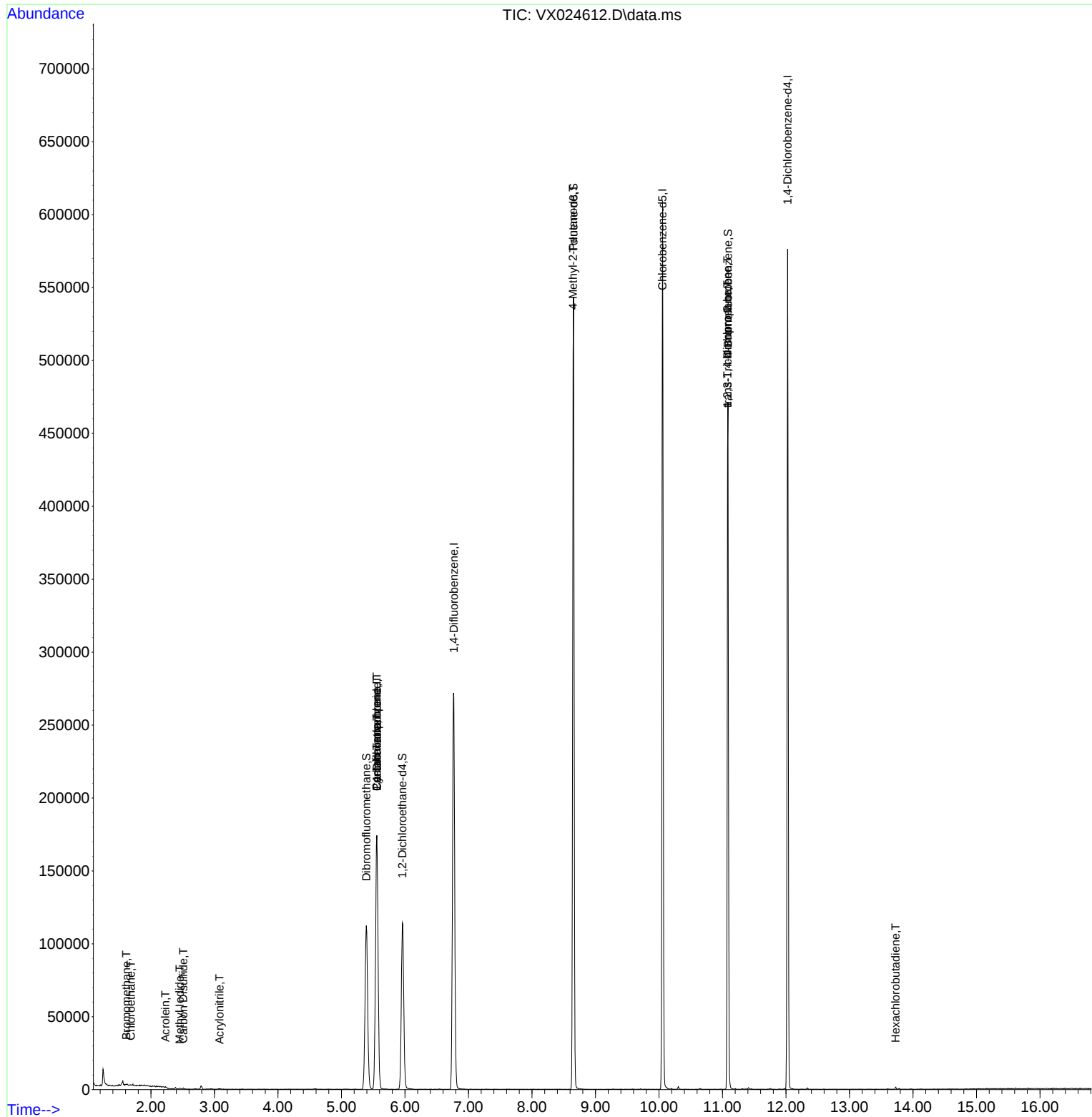
Internal Standards						
1) Pentafluorobenzene	5.556	168	162963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282452	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118143	51.439	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.880%
35) Dibromofluoromethane	5.391	113	98636	52.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.140%
50) Toluene-d8	8.653	98	314902	45.597	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.086	95	127851	47.084	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	432	0.397	ug/l #	38
6) Chloroethane	1.685	64	175	0.420	ug/l #	43
10) Methyl Iodide	2.453	142	601	0.267	ug/l #	90
11) Tert butyl alcohol	2.965	59	252	Below Cal	#	73
13) Acrolein	2.227	56	22	10.228	ug/l #	59
15) Acrylonitrile	3.081	53	285	0.273	ug/l #	37
16) Acetone	2.386	43	807	Below Cal		91
17) Carbon Disulfide	2.508	76	835	0.444	ug/l #	90
20) Methylene Chloride	2.794	84	902	Below Cal		95
31) Cyclohexane	5.556	56	3496	1.271	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	12574	4.644	ug/l #	51
38) Carbon Tetrachloride	5.556	117	16613	5.636	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1502	0.443	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	65499	25.161	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	65499	68.601	ug/l #	12
94) Hexachlorobutadiene	13.725	225	340	0.297	ug/l	83

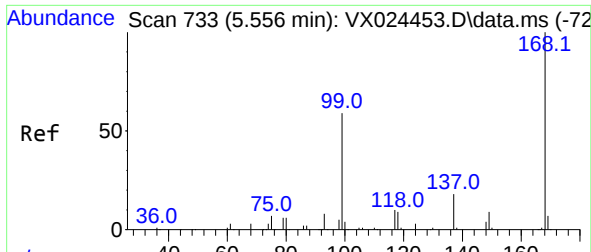
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 06 15:21:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

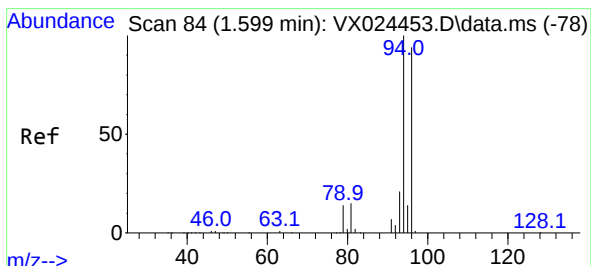
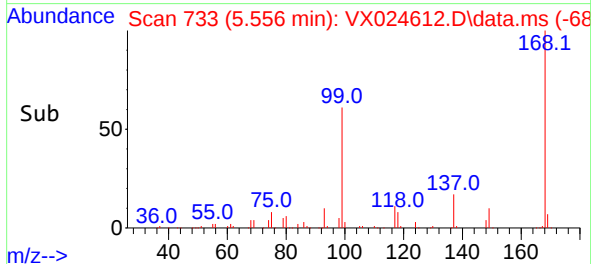
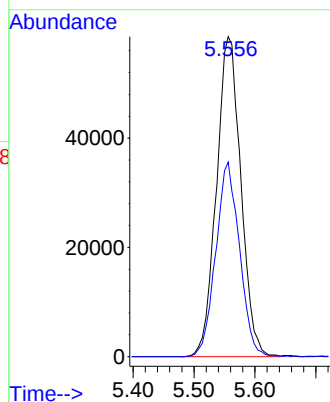
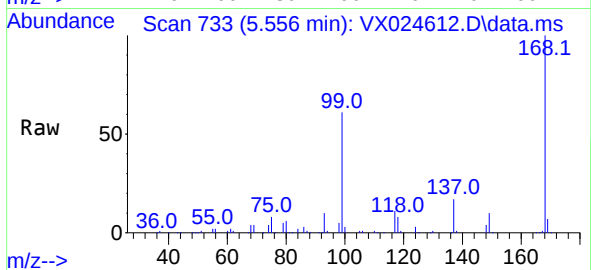




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

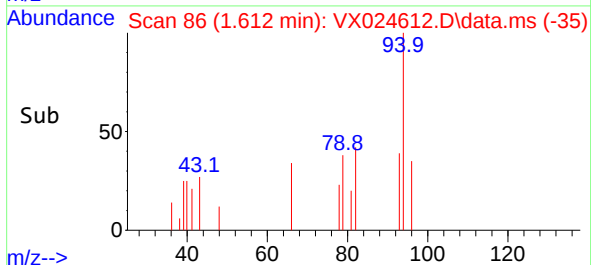
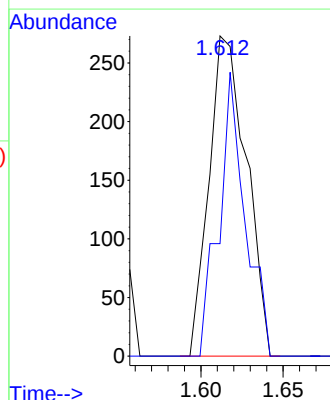
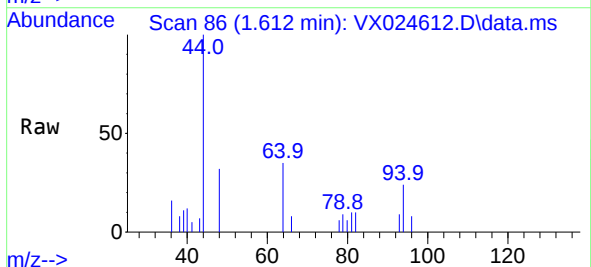
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:168 Resp: 162963
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6

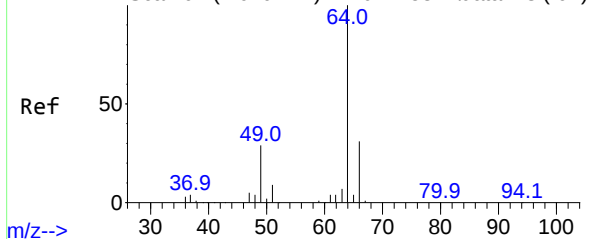


#5
Bromomethane
Concen: 0.397 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Tgt Ion: 94 Resp: 432
Ion Ratio Lower Upper
94 100
96 35.2 76.4 114.6#

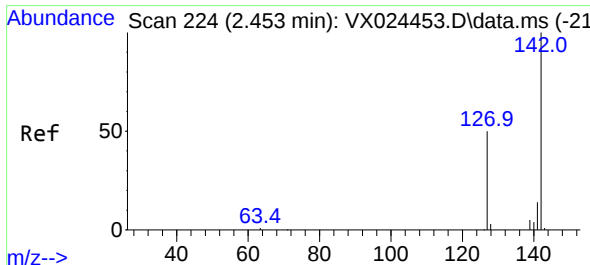
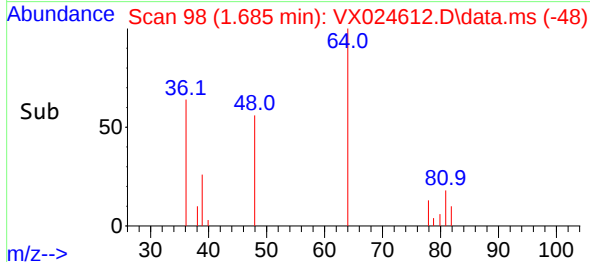
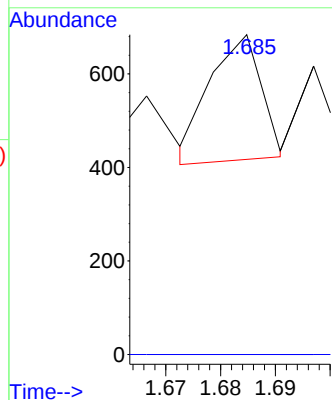
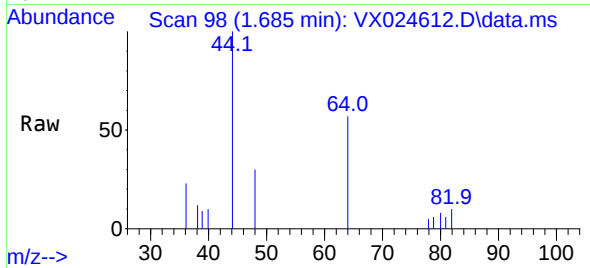


Abundance Scan 97 (1.679 min): VX024453.D\data.ms (-91)



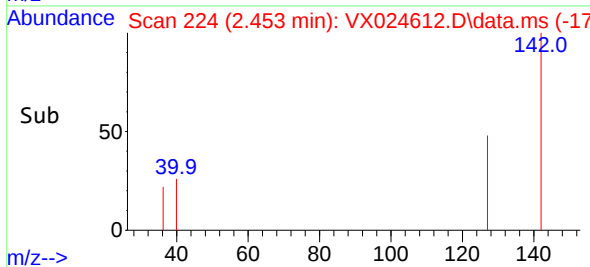
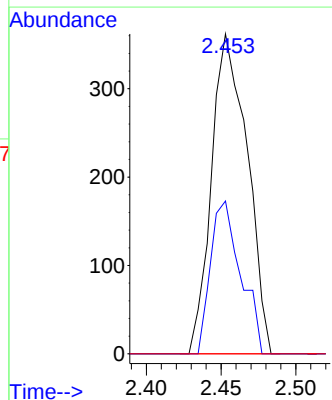
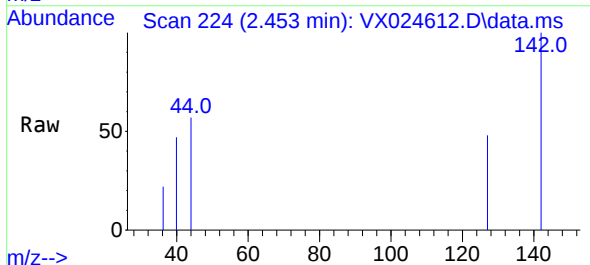
#6
Chloroethane
Concen: 0.420 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

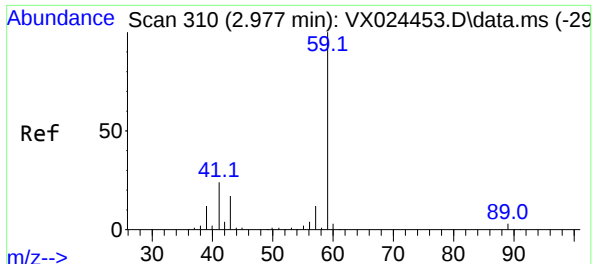
Tgt Ion: 64 Resp: 175
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.267 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Tgt Ion: 142 Resp: 601
Ion Ratio Lower Upper
142 100
127 40.4 33.3 49.9
141 0.0 11.4 17.0#



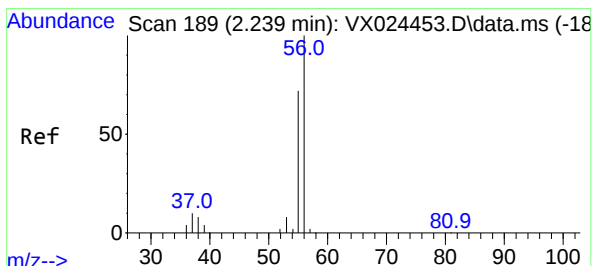
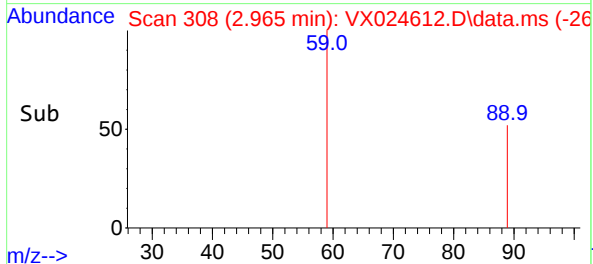
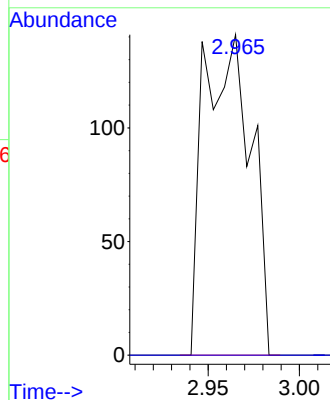
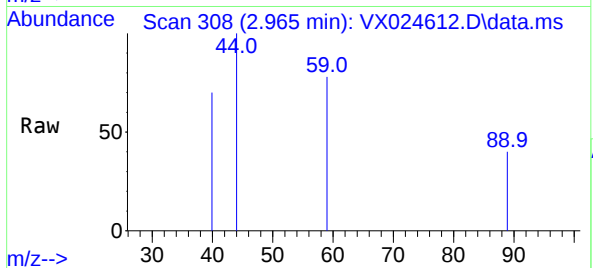


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Instrument :
MSVOA_X
ClientSampled :

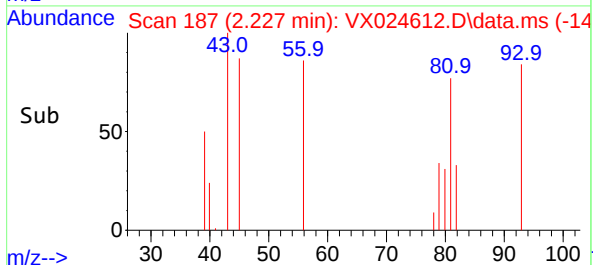
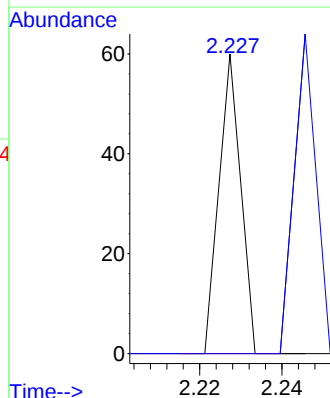
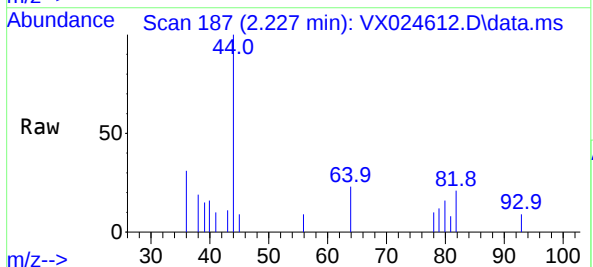
Tgt Ion: 59 Resp: 252
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

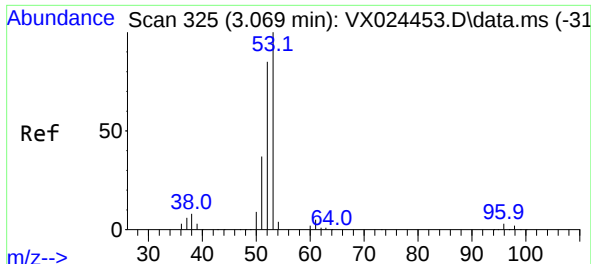


#13

Acrolein
Concen: 10.228 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 104.5 56.4 84.6#

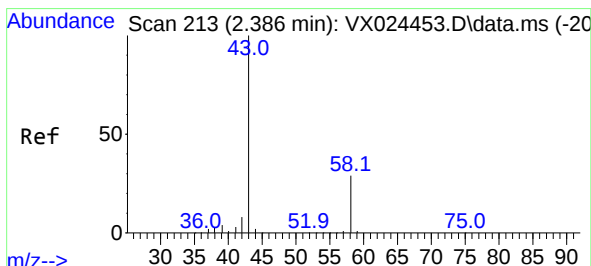
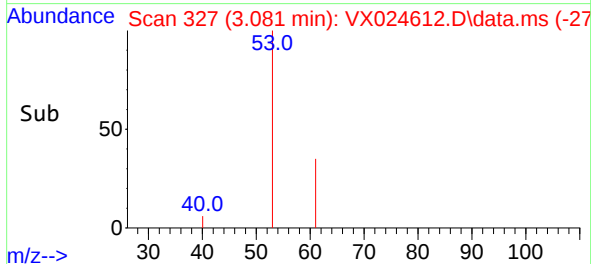
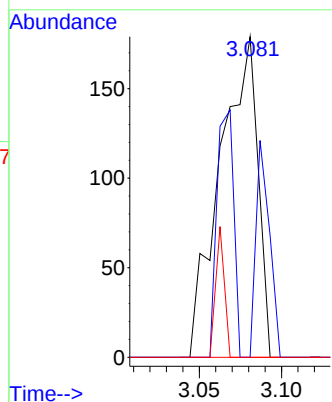
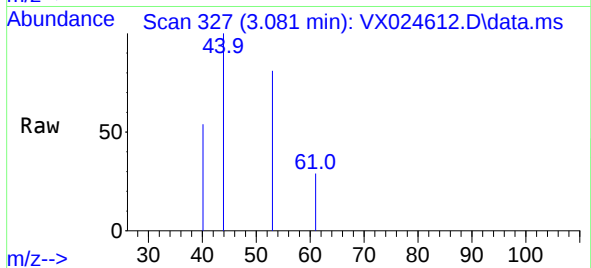




#15
Acrylonitrile
Concen: 0.273 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.012 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

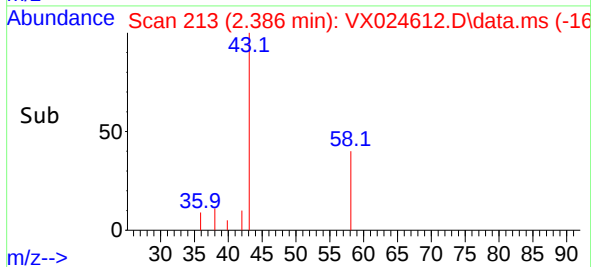
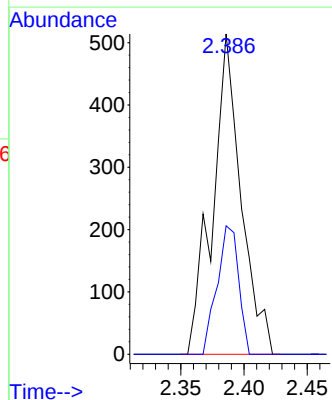
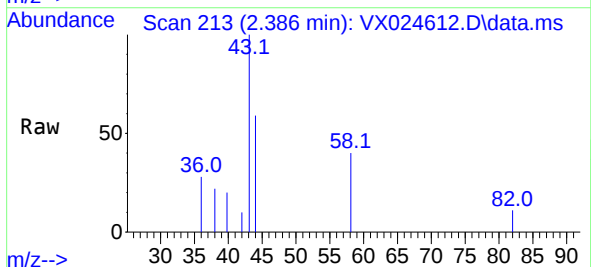
Instrument :
MSVOA_X
ClientSampleId :

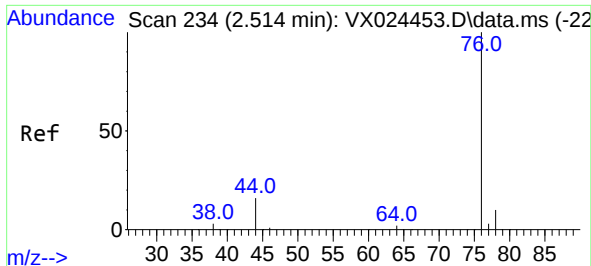
Tgt Ion: 53 Resp: 285
Ion Ratio Lower Upper
53 100
52 24.2 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
58 40.1 27.8 41.8

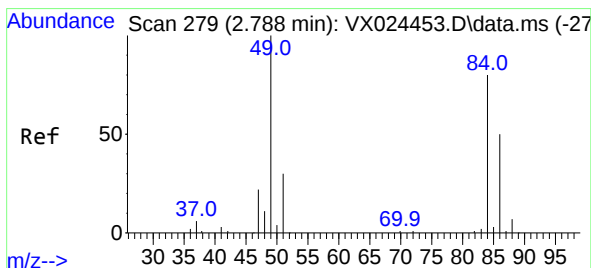
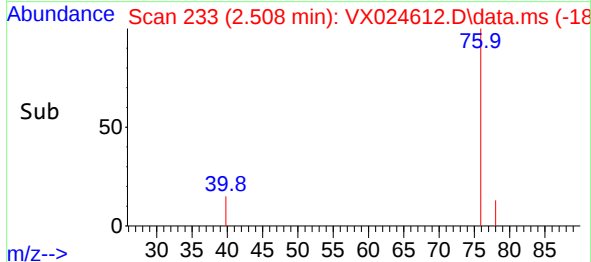
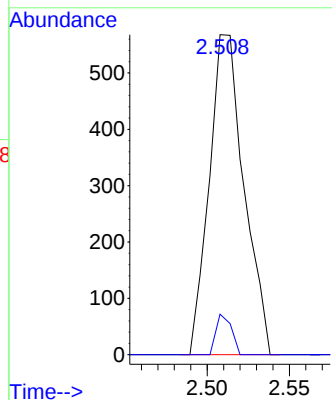
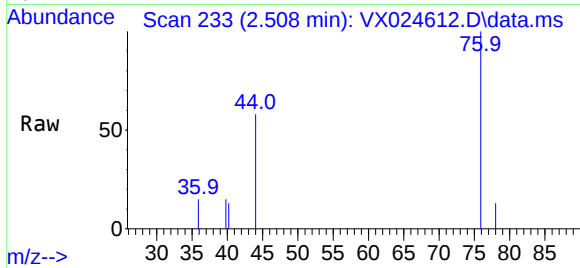




#17
Carbon Disulfide
Concen: 0.444 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

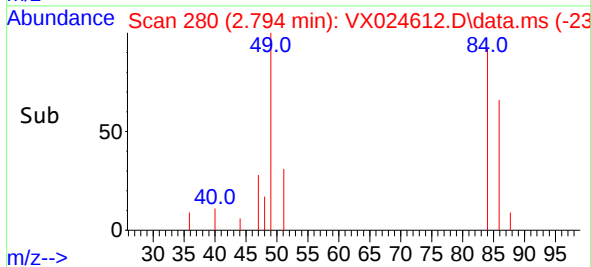
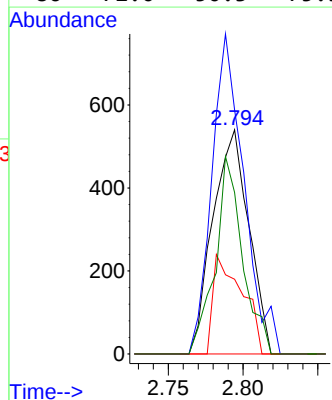
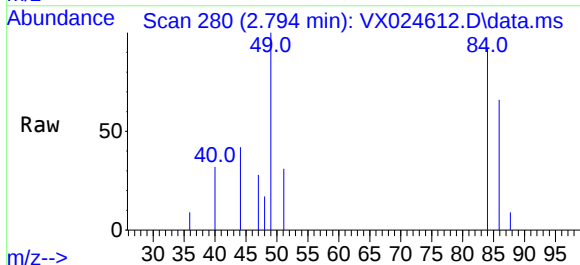
Instrument :
MSVOA_X
ClientSampled :

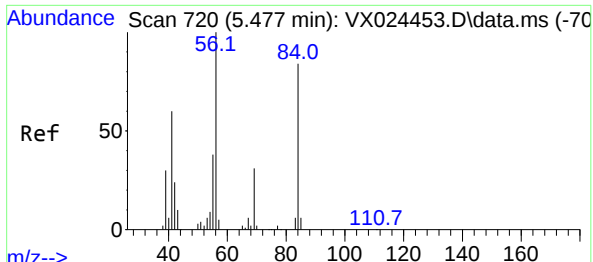
Tgt Ion: 76 Resp: 835
Ion Ratio Lower Upper
76 100
78 12.7 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

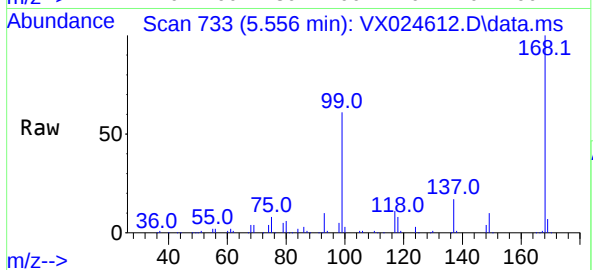
Tgt Ion: 84 Resp: 902
Ion Ratio Lower Upper
84 100
49 108.9 88.6 132.8
51 33.3 27.0 40.6
86 72.0 50.3 75.5



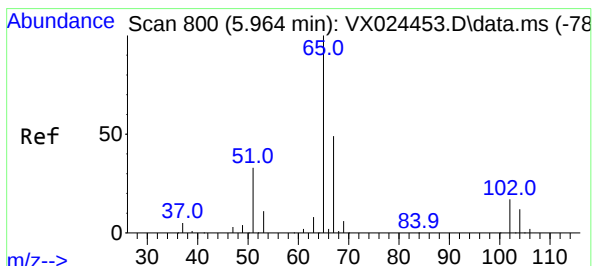
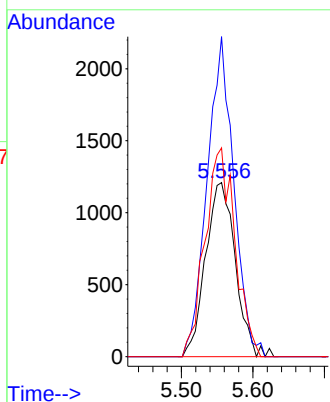
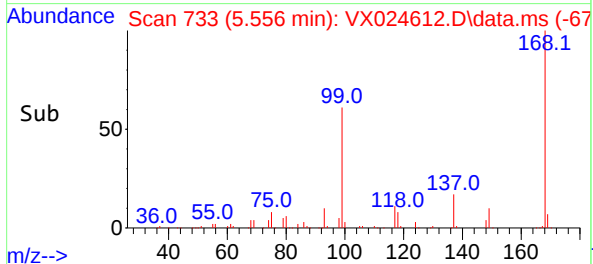


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

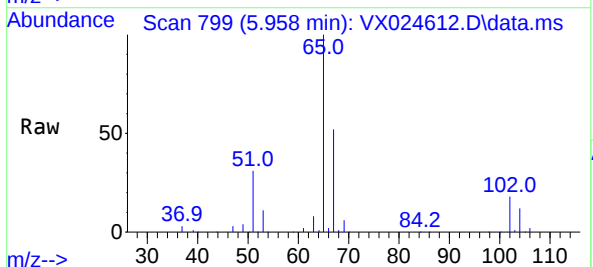
Instrument :
MSVOA_X
ClientSampled :



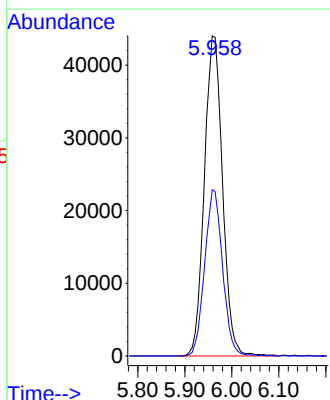
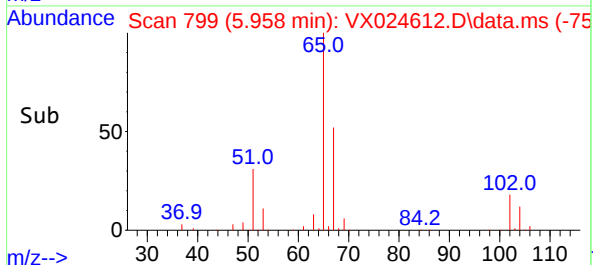
Tgt Ion: 56 Resp: 3496
Ion Ratio Lower Upper
56 100
69 183.9 25.3 37.9#
84 119.9 71.4 107.0#

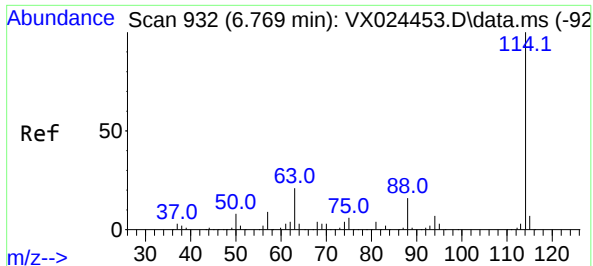


#33
1,2-Dichloroethane-d4
Concen: 51.439 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17



Tgt Ion: 65 Resp: 118143
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

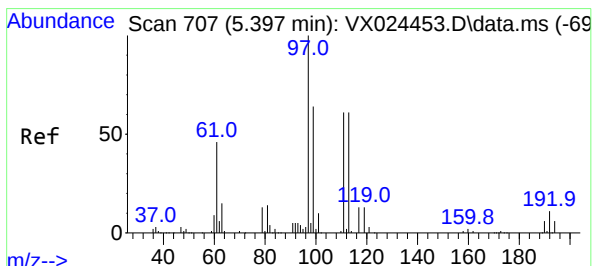
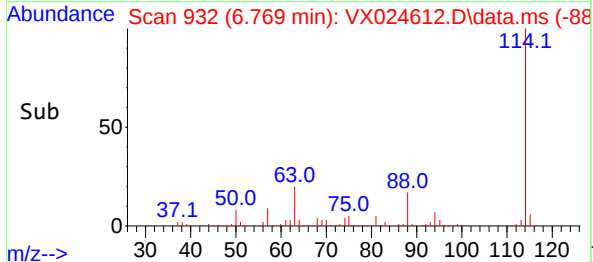
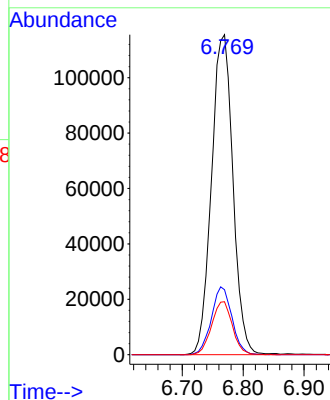
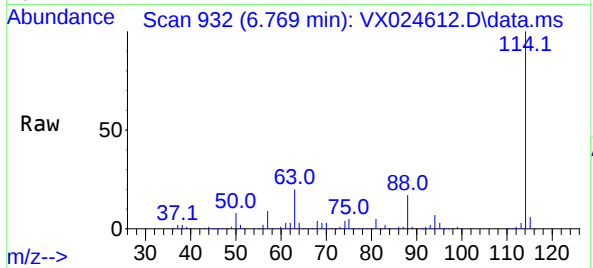




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

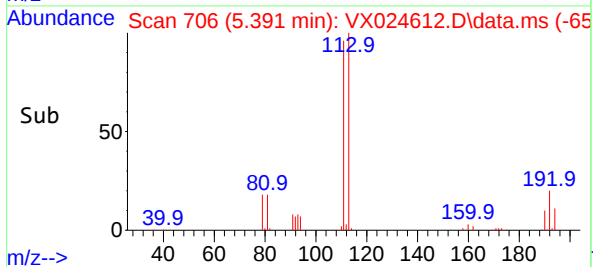
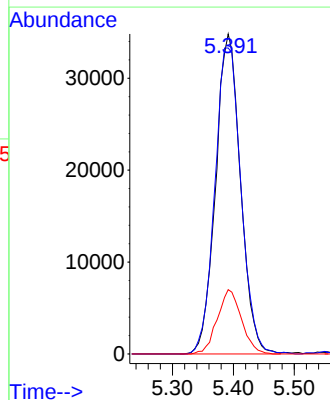
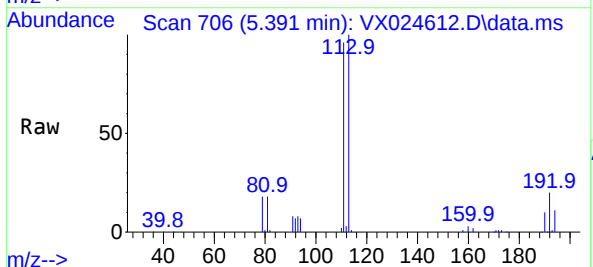
Instrument :
MSVOA_X
ClientSampleId :

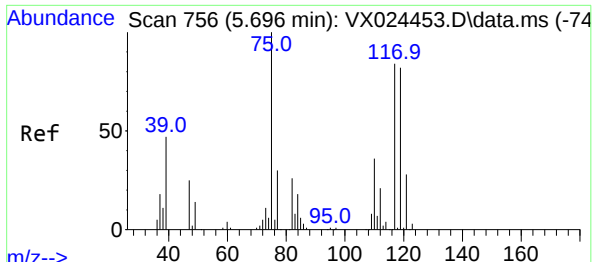
Tgt Ion:114 Resp: 282452
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.567 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

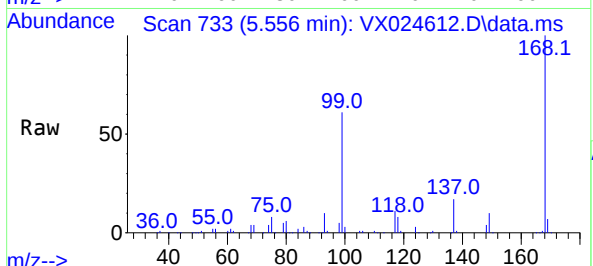
Tgt Ion:113 Resp: 98636
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 19.6 16.7 25.1



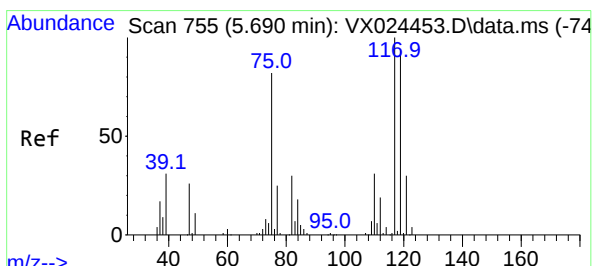
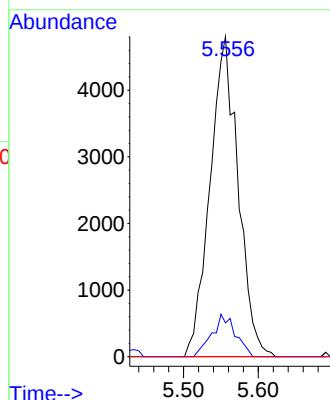
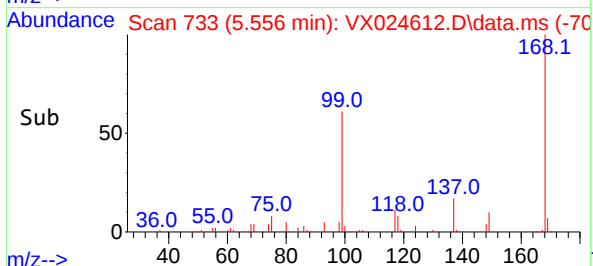


#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

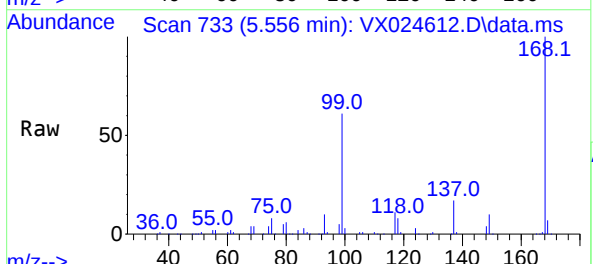
Instrument :
MSVOA_X
ClientSampleId :



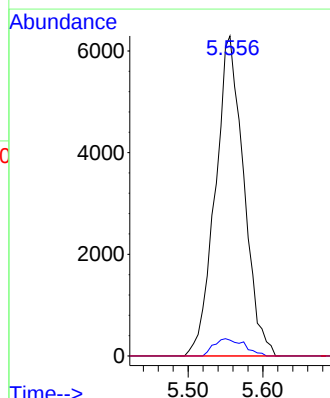
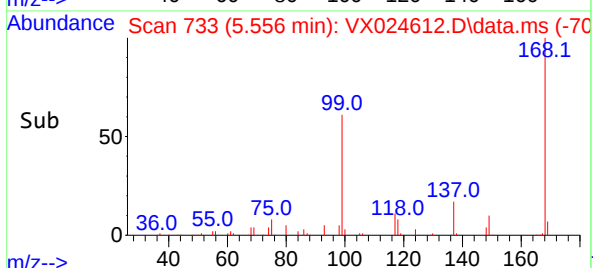
Tgt Ion: 75 Resp: 12574
Ion Ratio Lower Upper
75 100
110 11.1 18.1 54.4#
77 0.0 25.3 37.9#

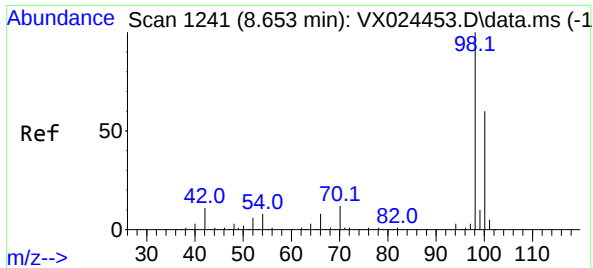


#38
Carbon Tetrachloride
Concen: 5.636 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17



Tgt Ion: 117 Resp: 16613
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

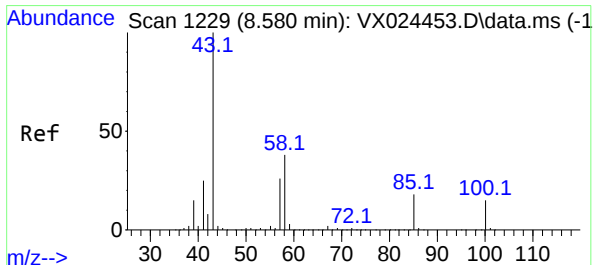
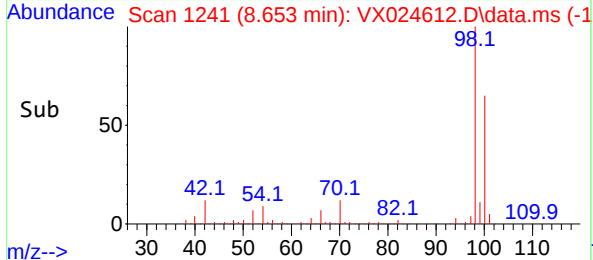
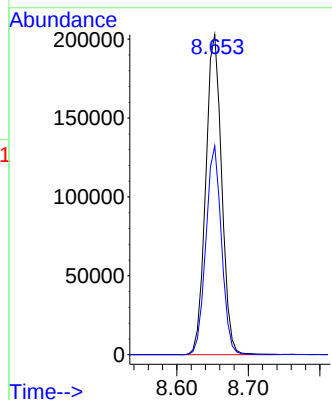
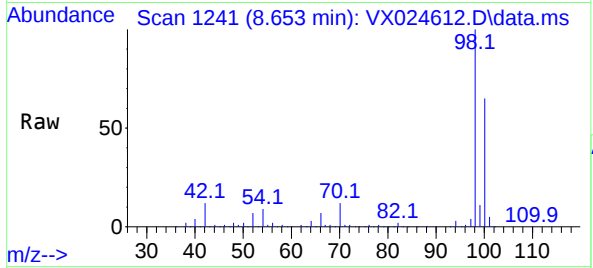




#50
Toluene-d8
Concen: 45.597 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

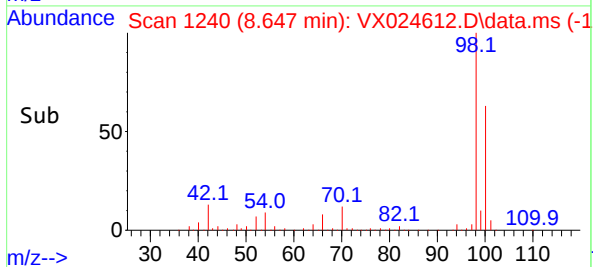
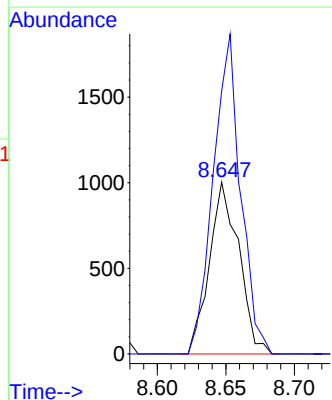
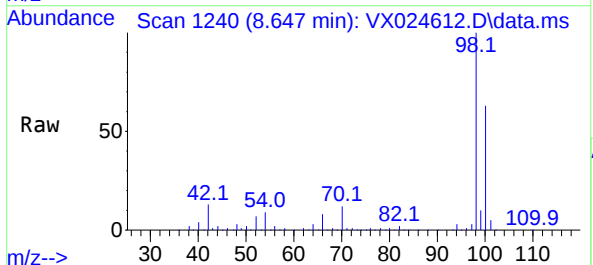
Instrument :
MSVOA_X
ClientSampled :

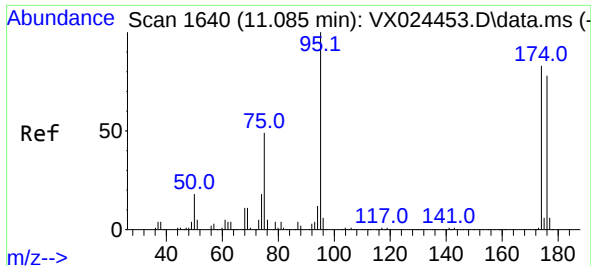
Tgt Ion: 98 Resp: 314902
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Tgt Ion: 43 Resp: 1502
Ion Ratio Lower Upper
43 100
58 172.7 35.4 53.0#

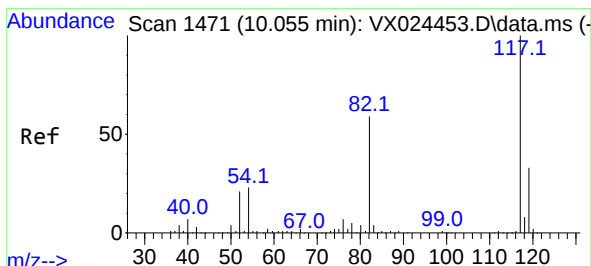
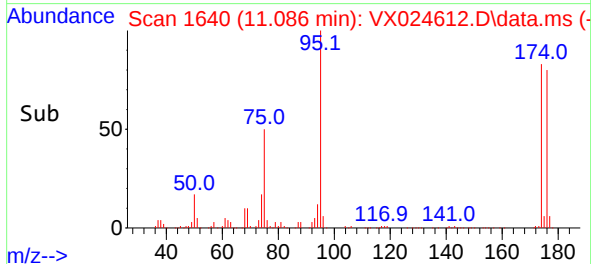
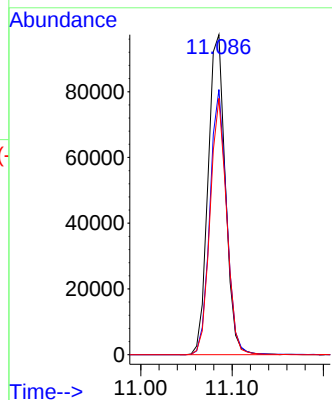
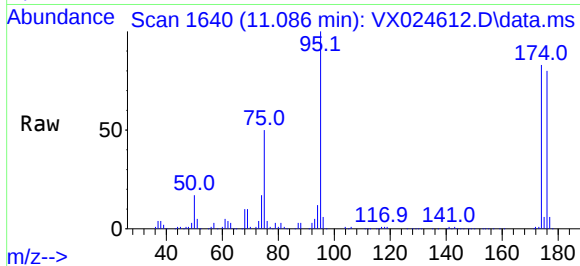




#62
4-Bromofluorobenzene
Concen: 47.084 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

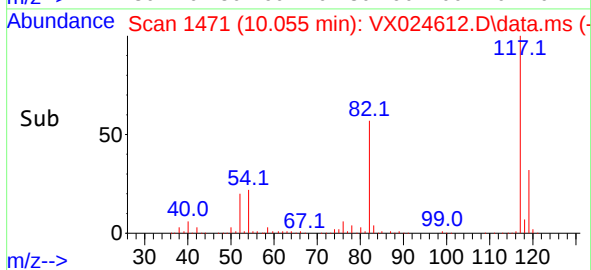
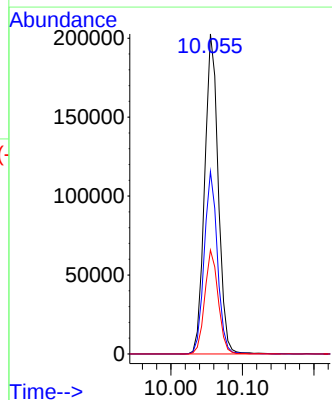
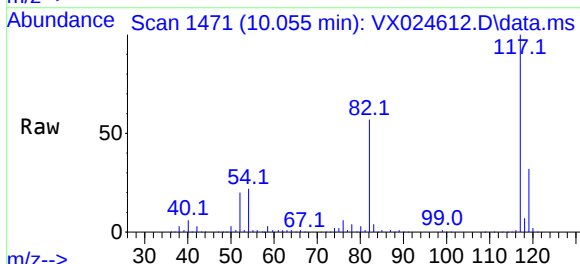
Instrument :
MSVOA_X
ClientSampleId :

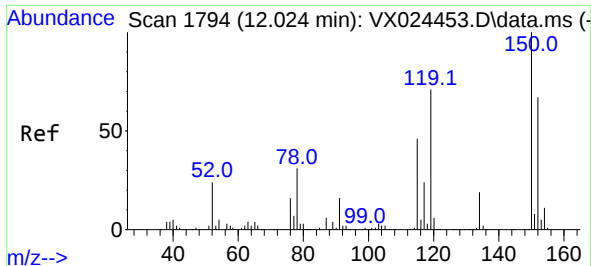
Tgt Ion: 95 Resp: 127851
Ion Ratio Lower Upper
95 100
174 80.2 0.0 154.6
176 76.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Tgt Ion: 117 Resp: 267108
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.5 26.6 39.8

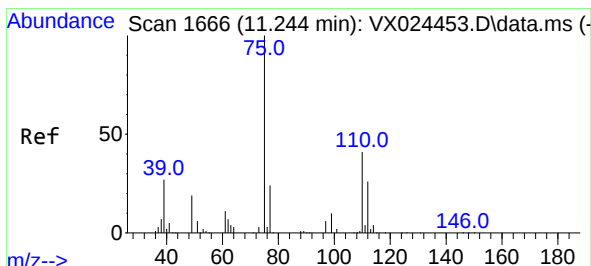
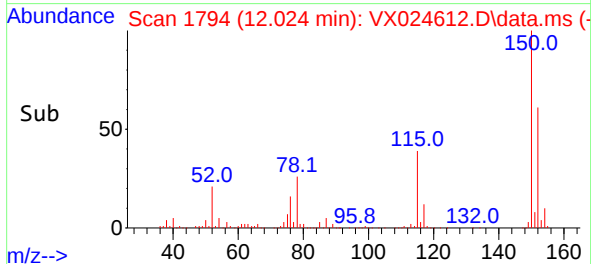
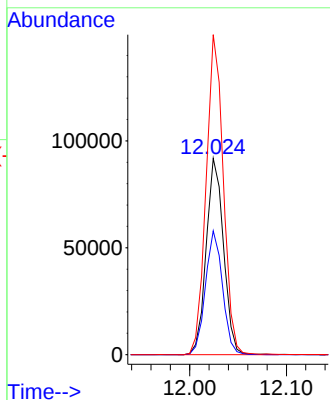
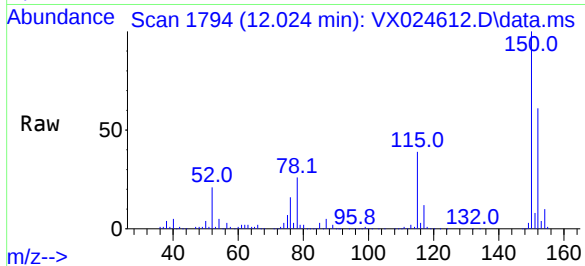




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

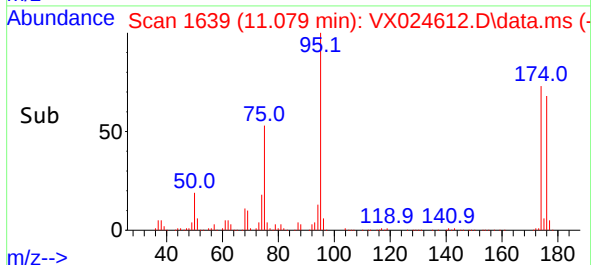
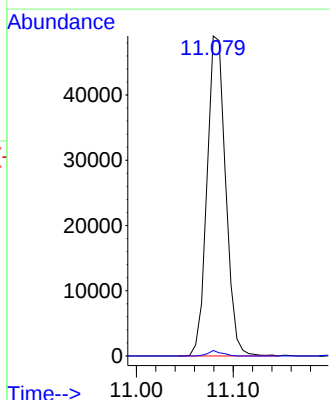
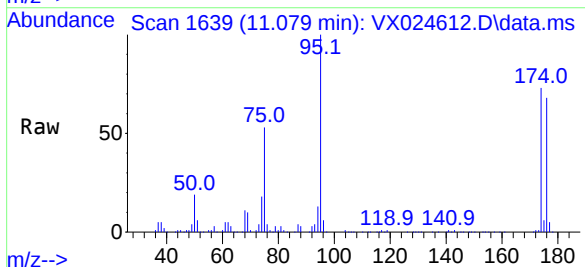
Instrument :
MSVOA_X
ClientSampleId :

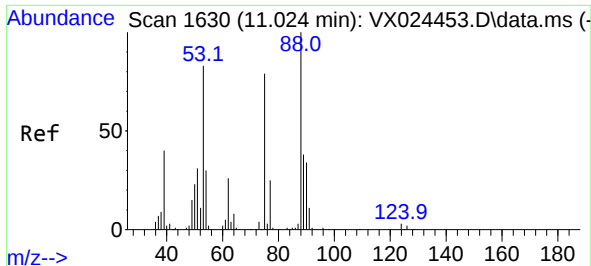
Tgt Ion:152 Resp: 114629
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 161.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Tgt Ion: 75 Resp: 65499
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

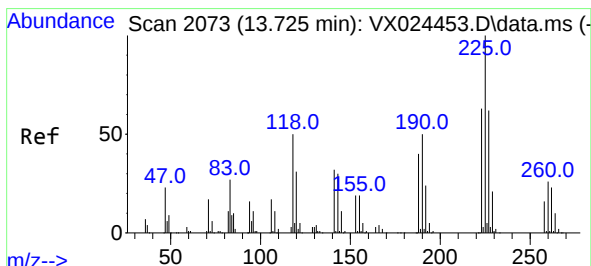
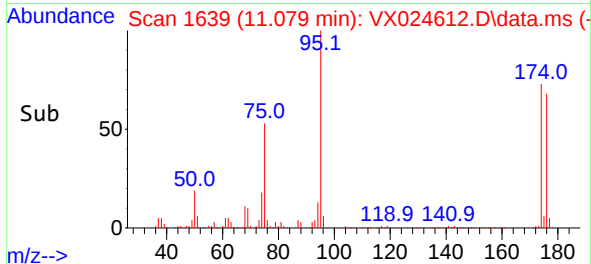
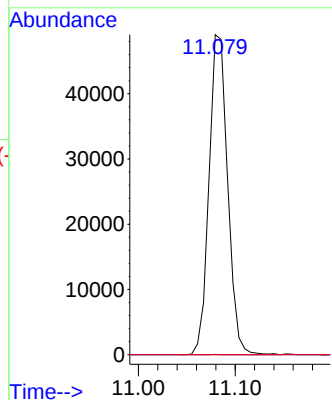
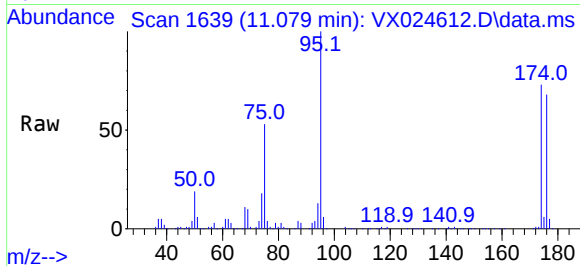




#81
trans-1,4-Dichloro-2-butene
Concen: 68.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 65499
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.297 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX024612.D
Acq: 06 Oct 2021 11:17

Tgt Ion: 225 Resp: 340
Ion Ratio Lower Upper
225 100
223 46.2 31.1 93.2
227 74.1 31.6 95.0

