

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024711.D
 Acq On : 11 Oct 2021 13:56
 Operator : JC/MD
 Sample : VX1011MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 17:12:17 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)

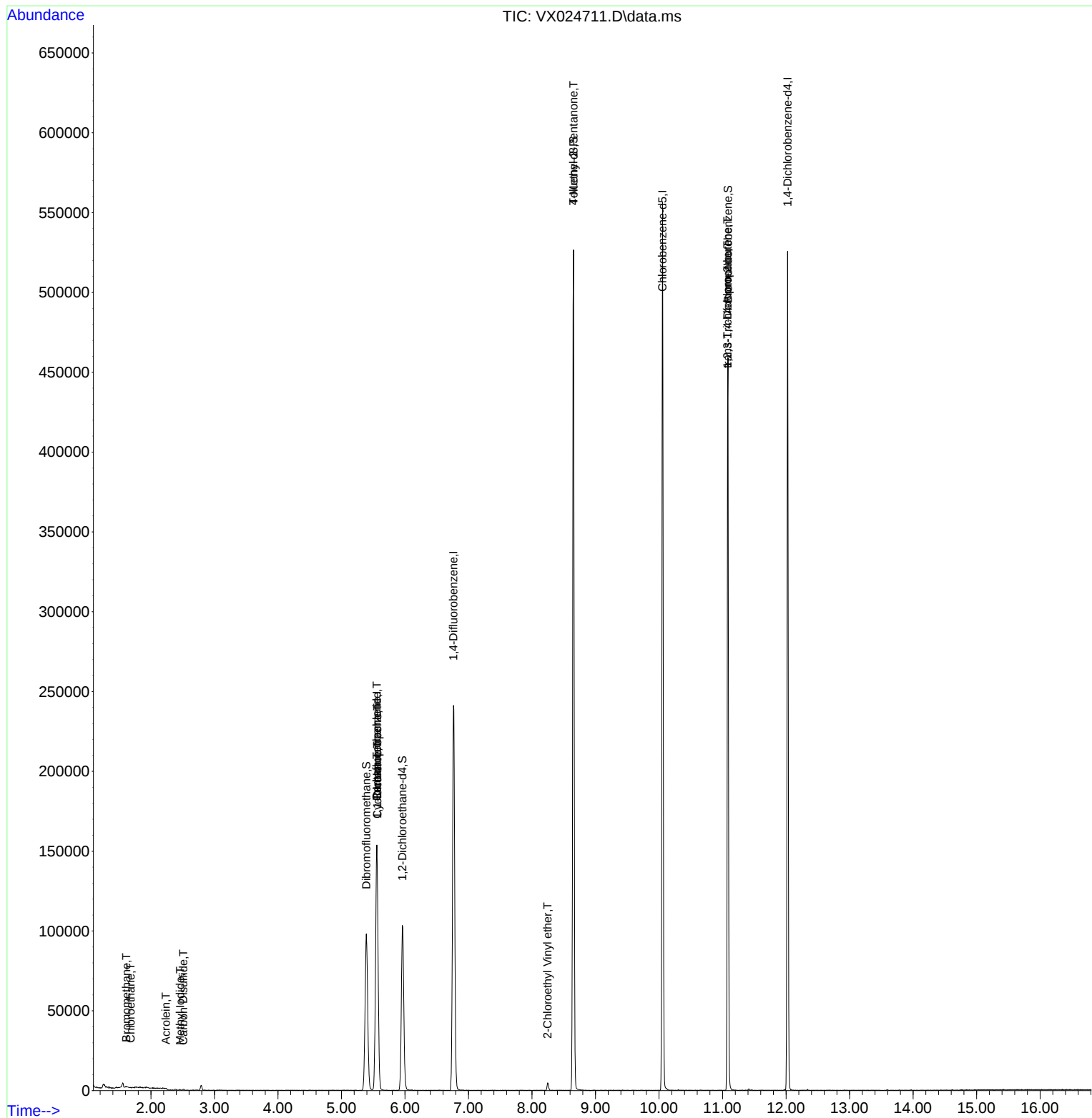
Internal Standards						
1) Pentafluorobenzene	5.556	168	140886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238067	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105934	53.351	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.700%		
35) Dibromofluoromethane	5.391	113	82931	51.292	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.580%		
50) Toluene-d8	8.653	98	301860	50.725	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.460%		
62) 4-Bromofluorobenzene	11.085	95	117942	50.408	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.820%		
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	400	0.425	ug/l #	62
6) Chloroethane	1.679	64	113	0.379	ug/l #	43
10) Methyl Iodide	2.459	142	465	0.239	ug/l #	84
13) Acrolein	2.233	56	60	10.594	ug/l #	79
16) Acetone	2.392	43	610	Below Cal	#	40
17) Carbon Disulfide	2.508	76	804	0.468	ug/l #	75
20) Methylene Chloride	2.788	84	1387	Below Cal		90
31) Cyclohexane	5.562	56	3100	1.304	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	10712	4.591	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14472	5.698	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1551	0.530	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.244	63	1965	1.404	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	63216	26.697	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	63216	72.671	ug/l #	12

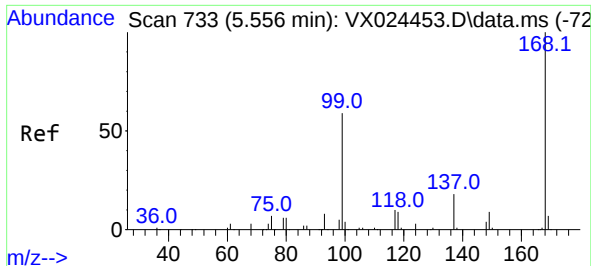
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
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Quant Time: Oct 11 17:12:17 2021
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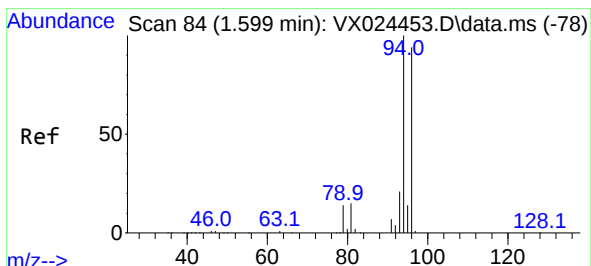
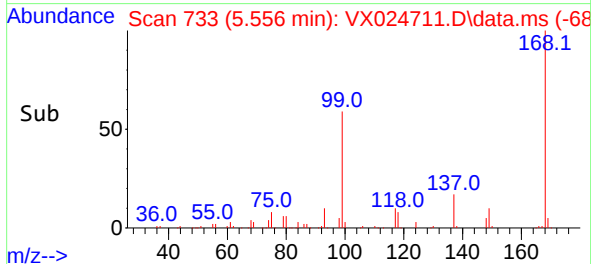
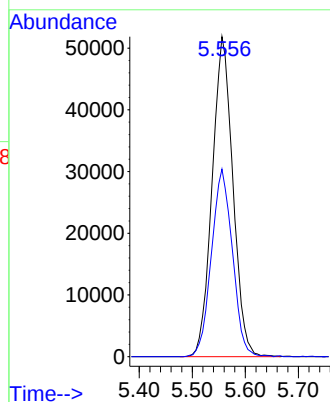
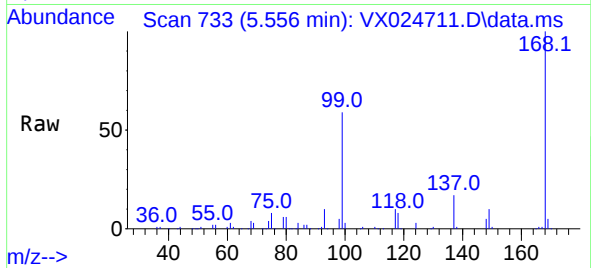




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

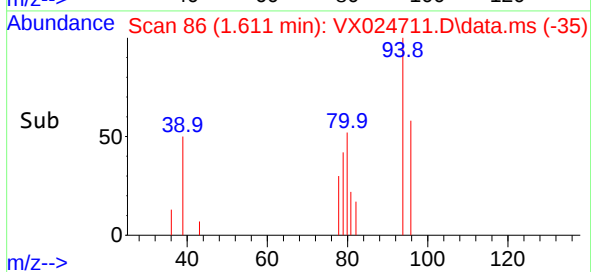
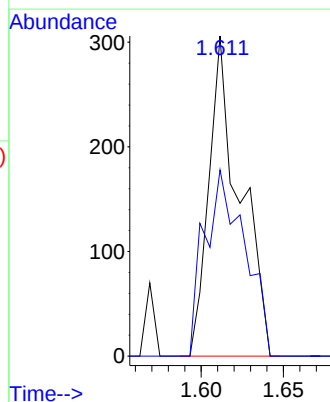
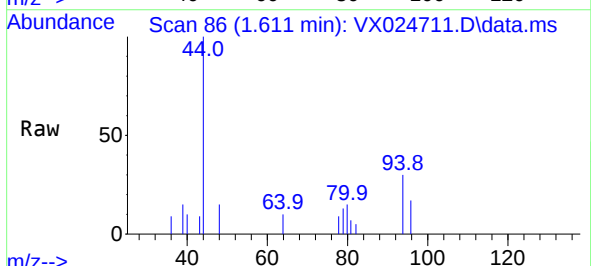
Instrument :
MSVOA_X
ClientSampleId :

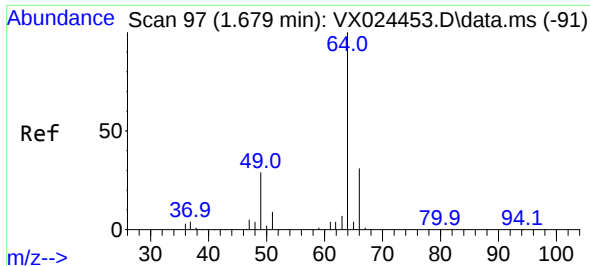
Tgt Ion:168 Resp: 140886
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#5
Bromomethane
Concen: 0.425 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion: 94 Resp: 400
Ion Ratio Lower Upper
94 100
96 58.2 76.4 114.6#

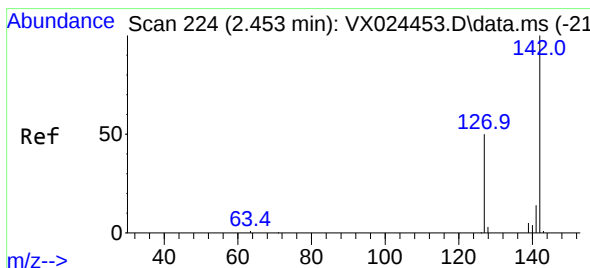
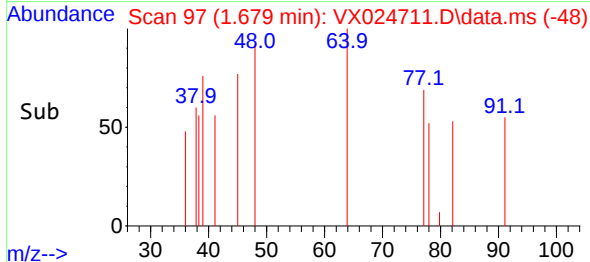
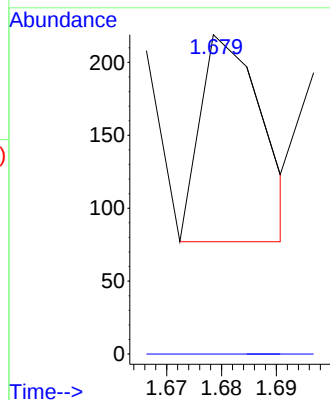
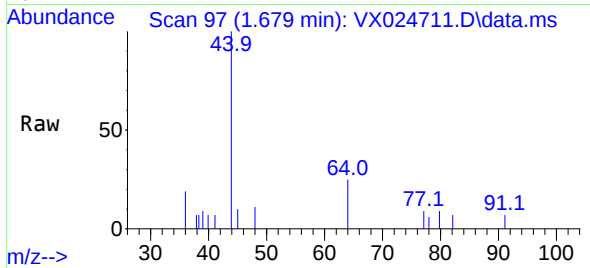




#6
Chloroethane
Concen: 0.379 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

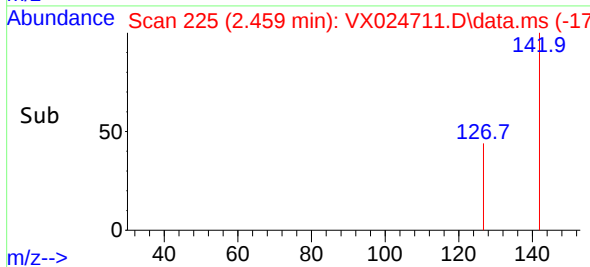
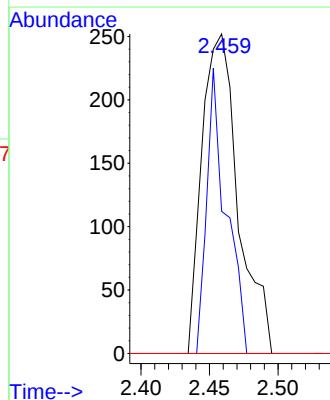
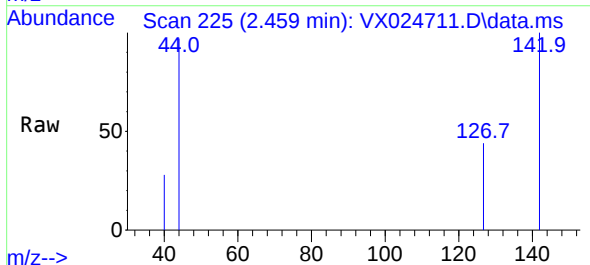
Instrument :
MSVOA_X
ClientSampleId :

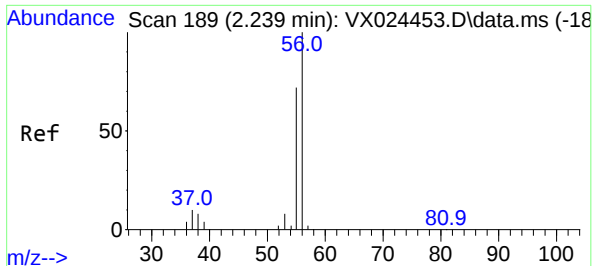
Tgt Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.239 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion: 142 Resp: 465
Ion Ratio Lower Upper
142 100
127 47.7 33.3 49.9
141 0.0 11.4 17.0#





#13

Acrolein

Concen: 10.594 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX024711.D

Acq: 11 Oct 2021 13:56

Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

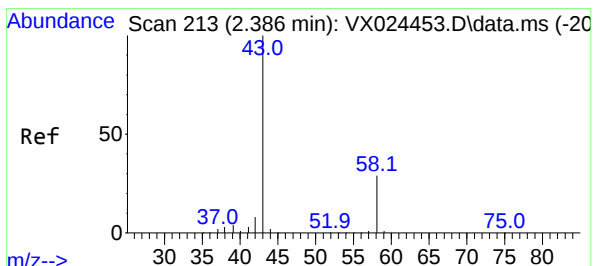
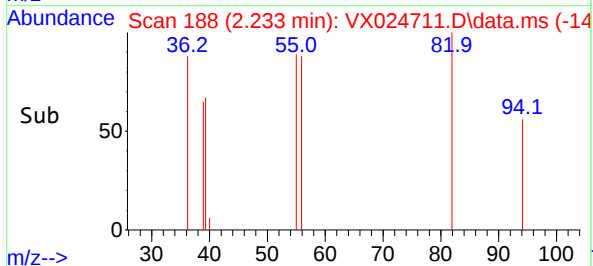
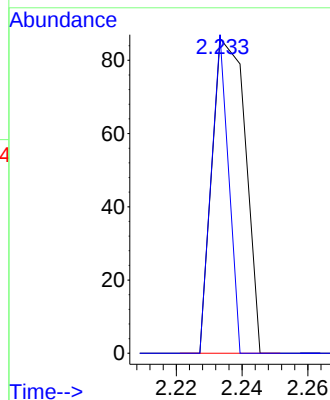
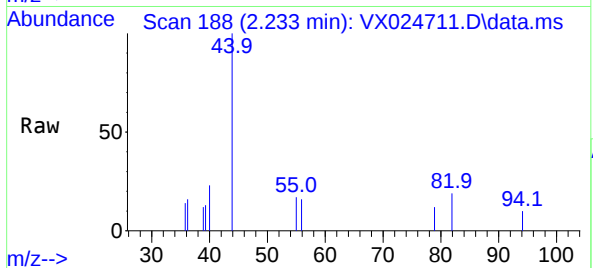
56 100

55 53.3 56.4 84.6#

Instrument :

MSVOA_X

ClientSampleId :



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX024711.D

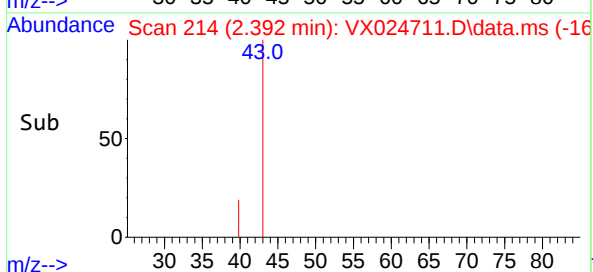
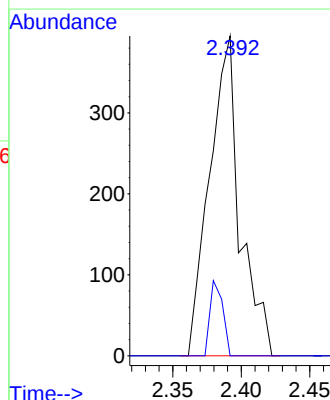
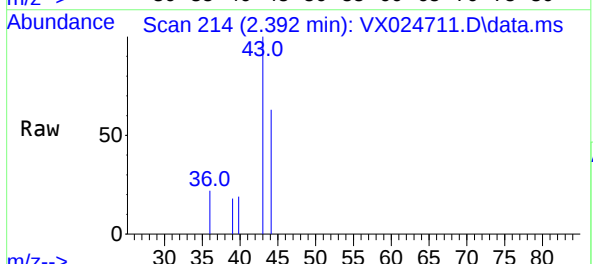
Acq: 11 Oct 2021 13:56

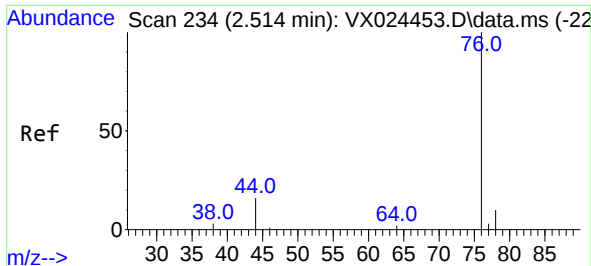
Tgt Ion: 43 Resp: 610

Ion Ratio Lower Upper

43 100

58 0.0 27.8 41.8#

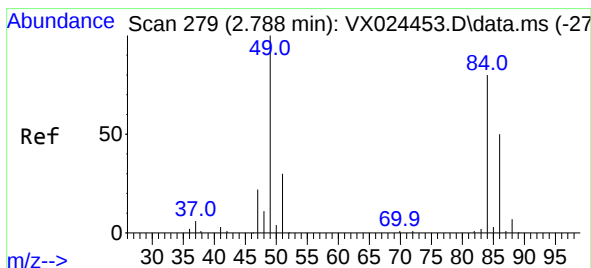
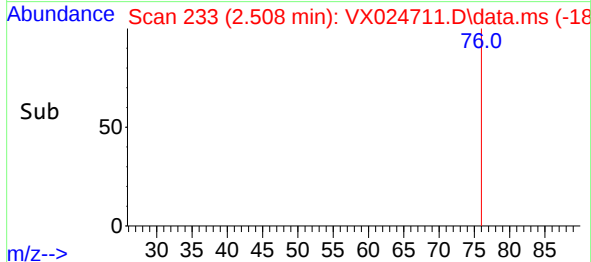
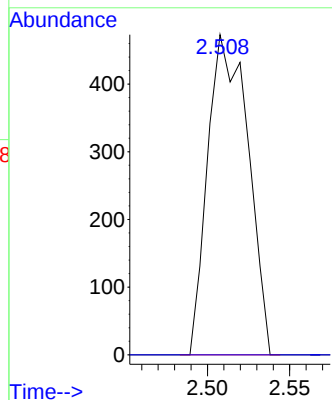
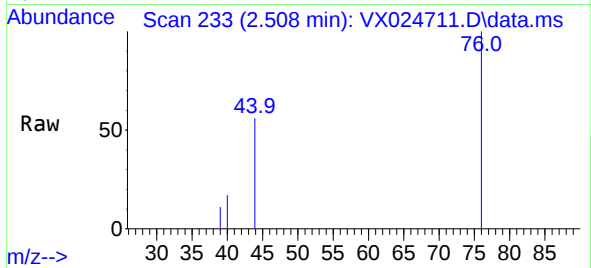




#17
Carbon Disulfide
Concen: 0.468 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

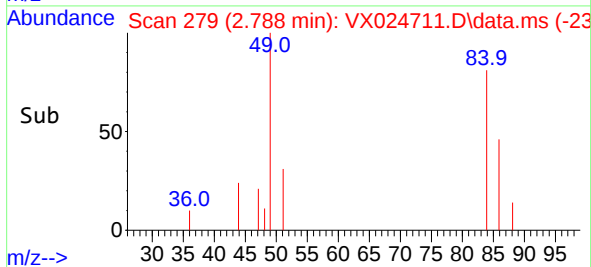
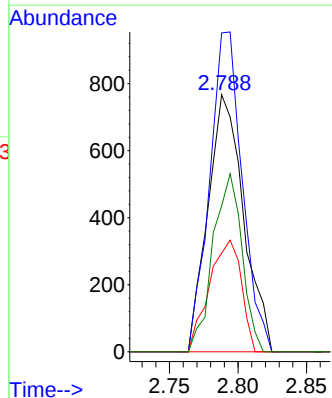
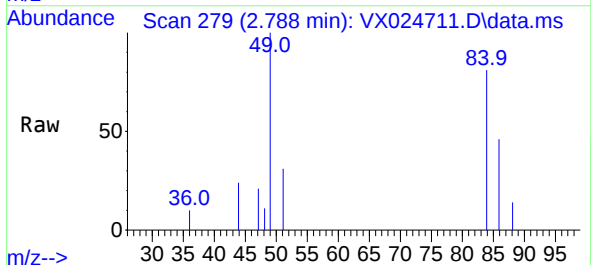
Instrument :
MSVOA_X
ClientSampled :

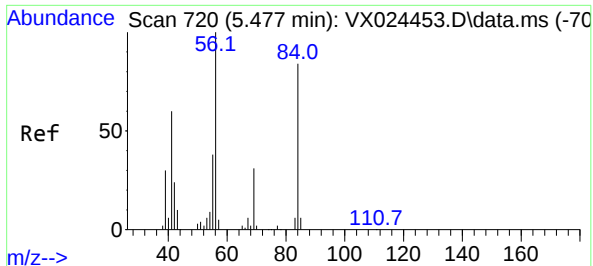
Tgt Ion: 76 Resp: 804
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion: 84 Resp: 1387
Ion Ratio Lower Upper
84 100
49 124.0 88.6 132.8
51 38.3 27.0 40.6
86 56.7 50.3 75.5

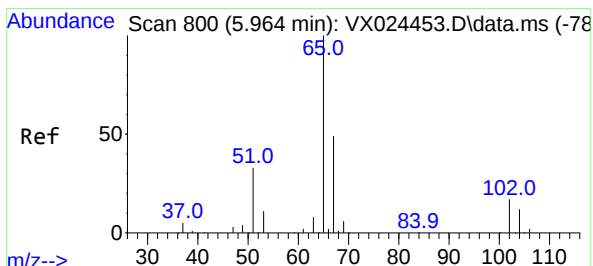
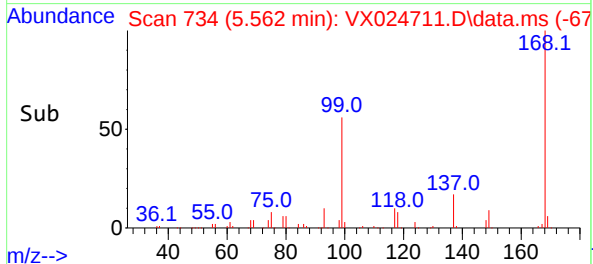
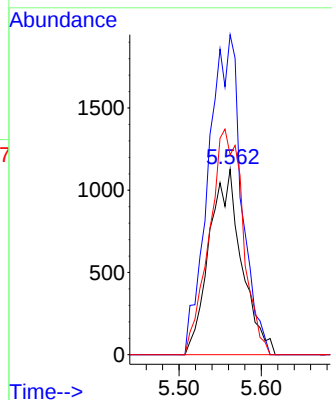
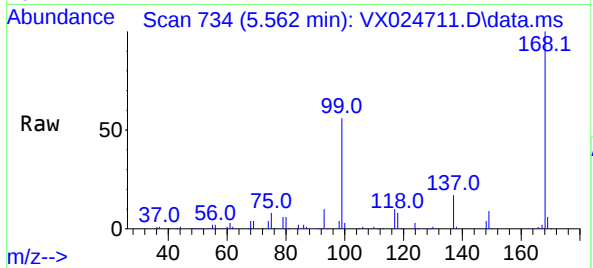




#31
Cyclohexane
Concen: 1.304 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

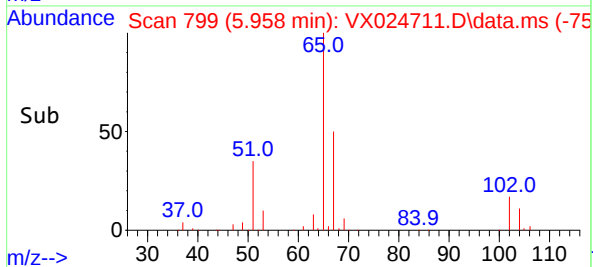
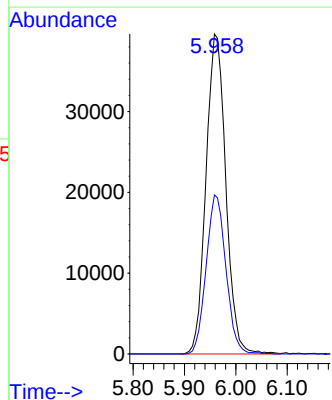
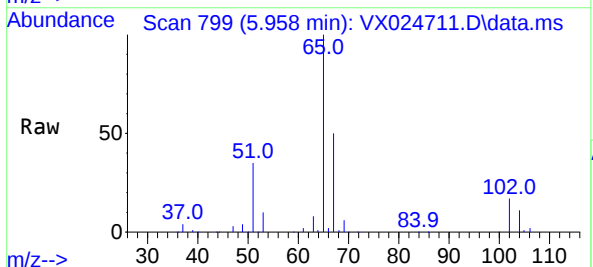
Instrument :
MSVOA_X
ClientSampleId :

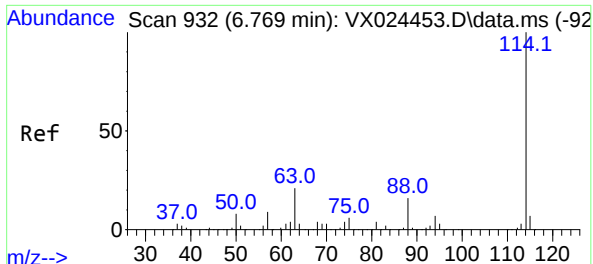
Tgt Ion: 56 Resp: 3100
Ion Ratio Lower Upper
56 100
69 172.5 25.3 37.9#
84 107.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.351 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion: 65 Resp: 105934
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

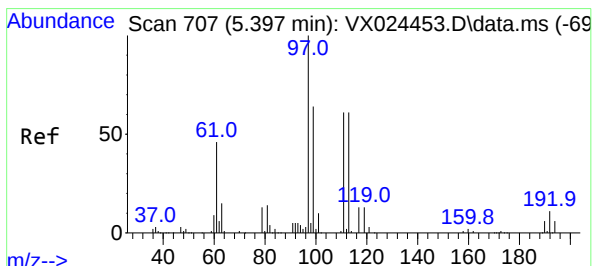
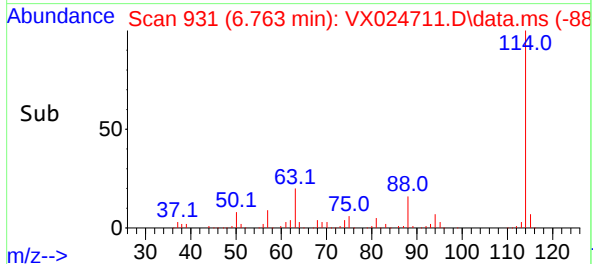
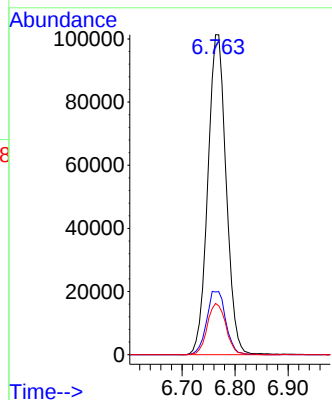
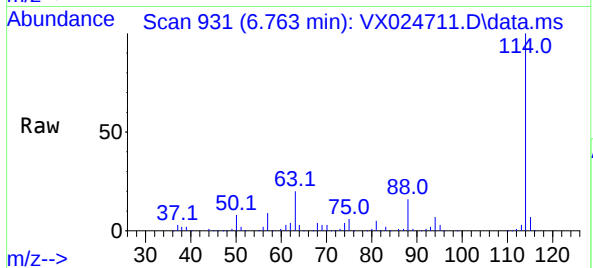




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

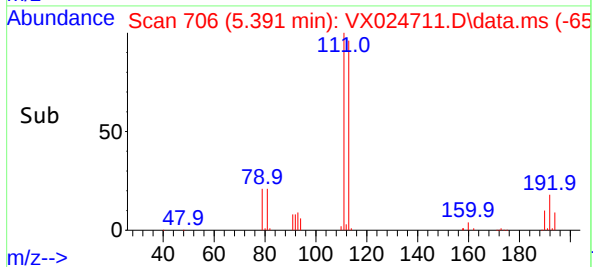
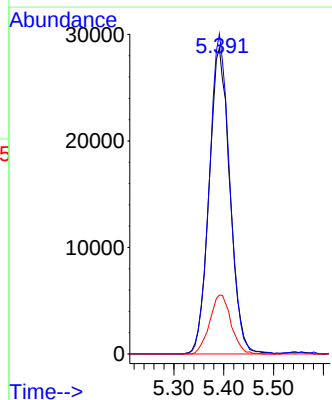
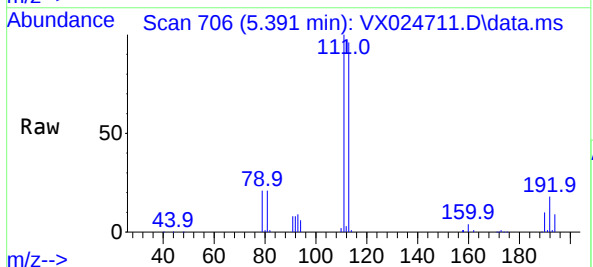
Instrument :
MSVOA_X
ClientSampleId :

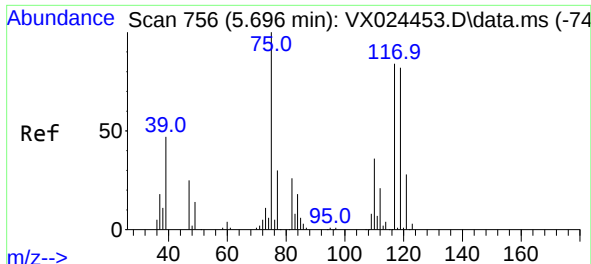
Tgt Ion:114 Resp: 243382
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.292 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion:113 Resp: 82931
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.8 16.7 25.1

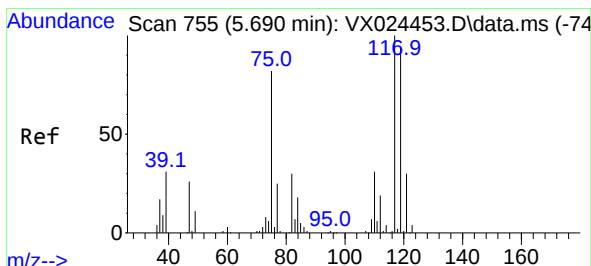
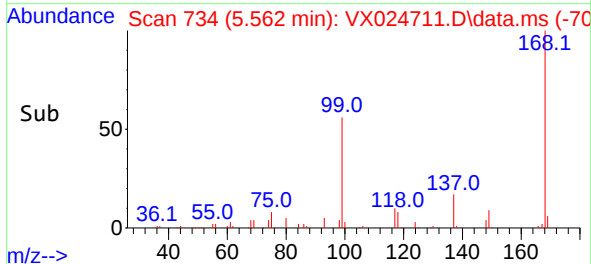
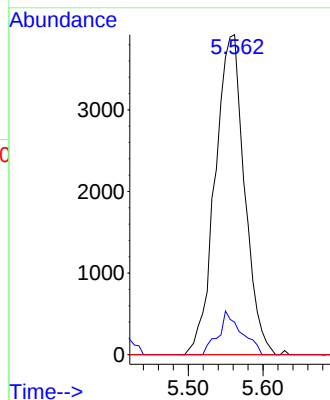
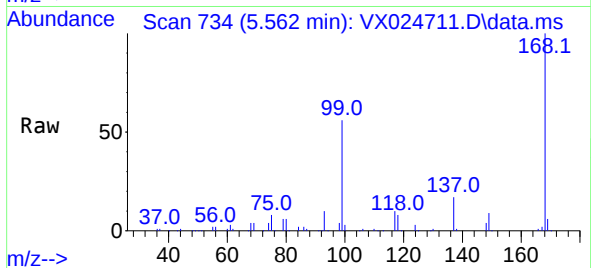




#36
1,1-Dichloropropene
Concen: 4.591 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

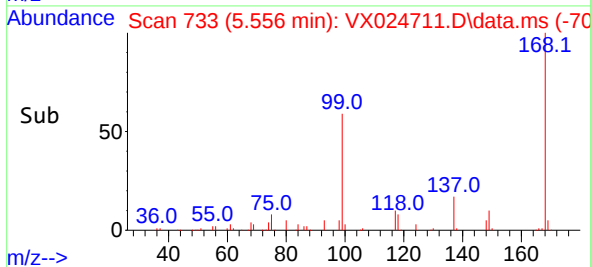
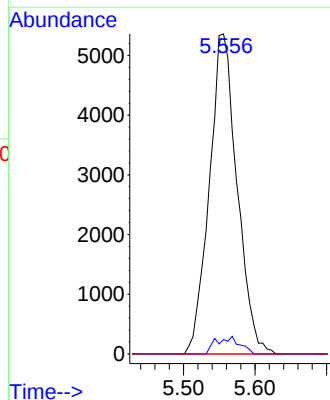
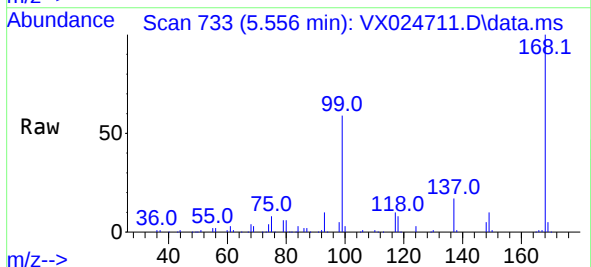
Instrument :
MSVOA_X
ClientSampleId :

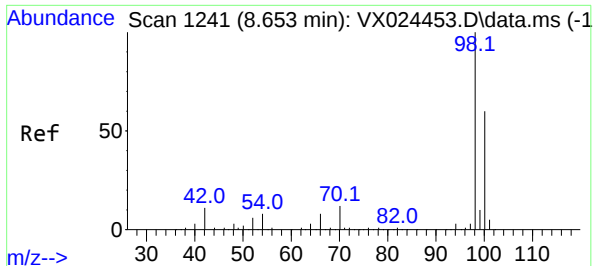
Tgt Ion: 75 Resp: 10712
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion:117 Resp: 14472
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

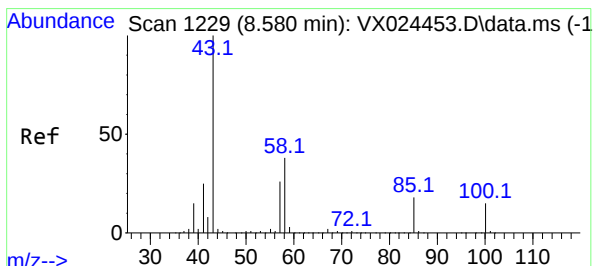
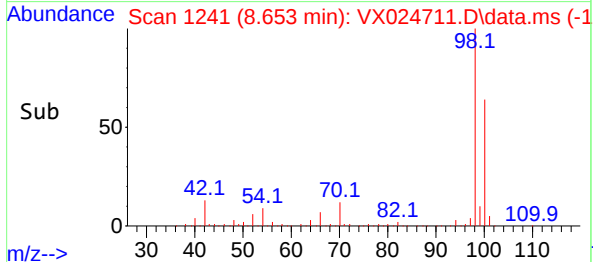
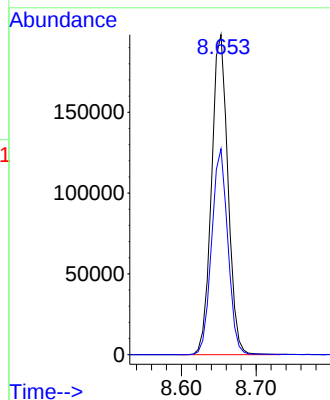
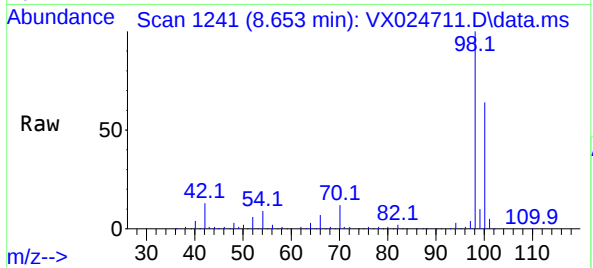




#50
Toluene-d8
Concen: 50.725 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

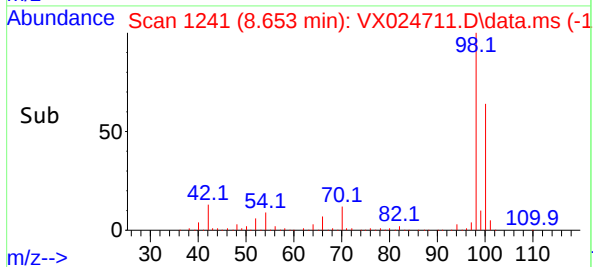
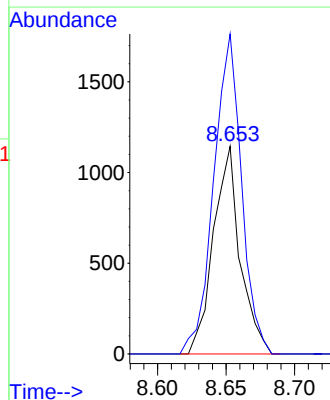
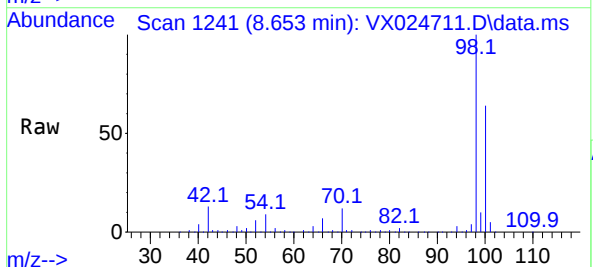
Instrument :
MSVOA_X
ClientSampleId :

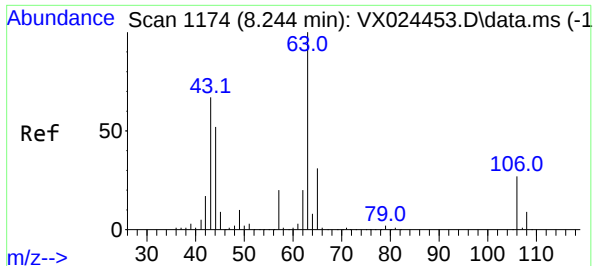
Tgt Ion: 98 Resp: 301860
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
58 160.5 35.4 53.0#

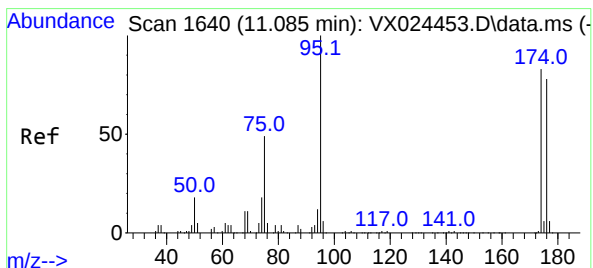
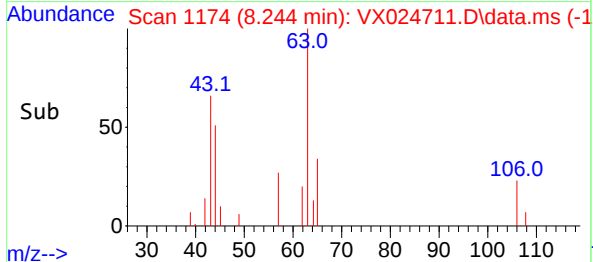
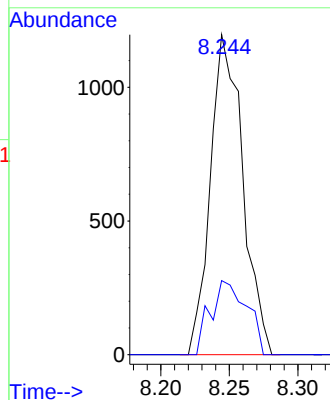
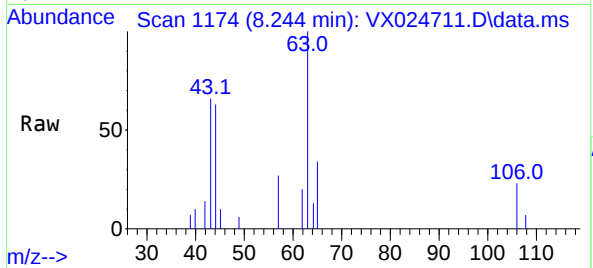




#58
2-Chloroethyl Vinyl ether
Concen: 1.404 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

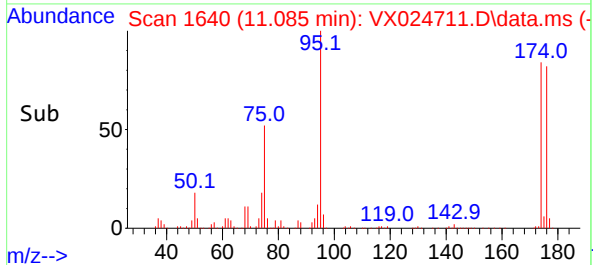
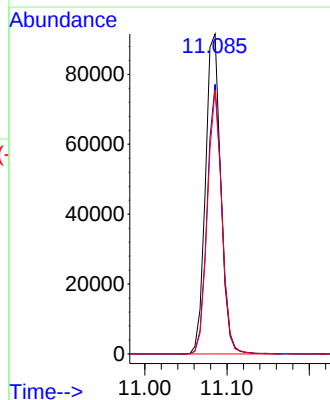
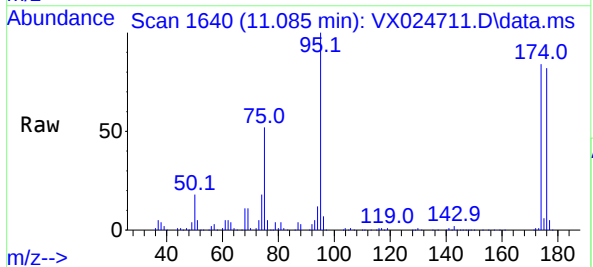
Instrument :
MSVOA_X
ClientSampled :

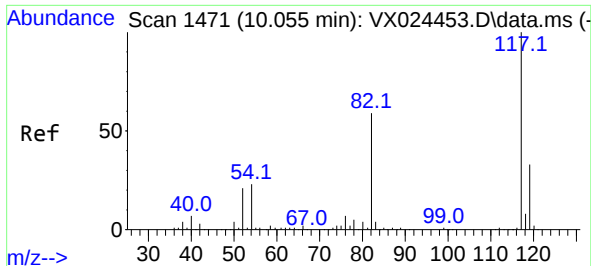
Tgt Ion: 63 Resp: 1965
Ion Ratio Lower Upper
63 100
106 25.9 23.5 35.3



#62
4-Bromofluorobenzene
Concen: 50.408 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion: 95 Resp: 117942
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 78.0 0.0 155.8

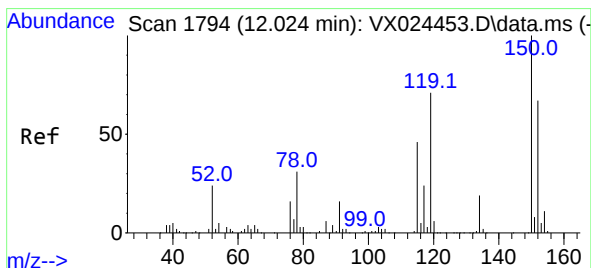
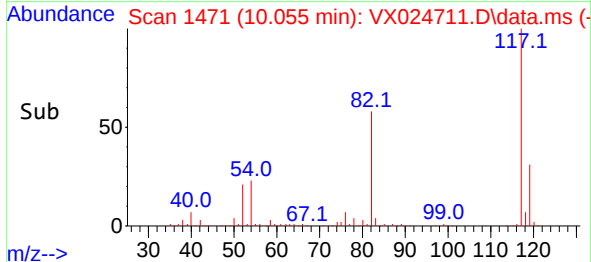
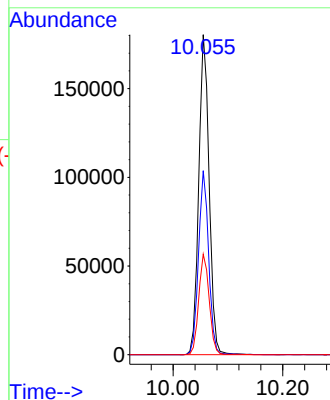
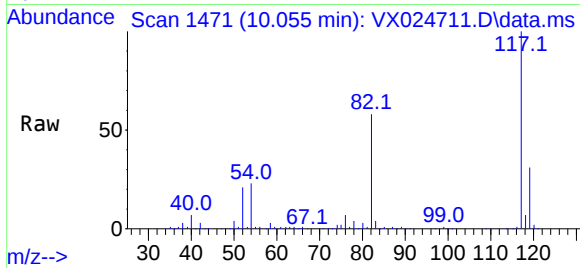




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

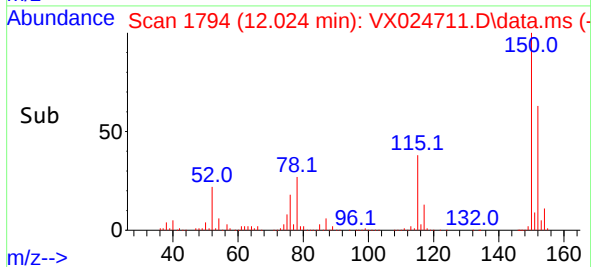
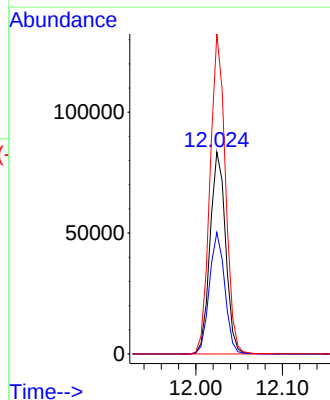
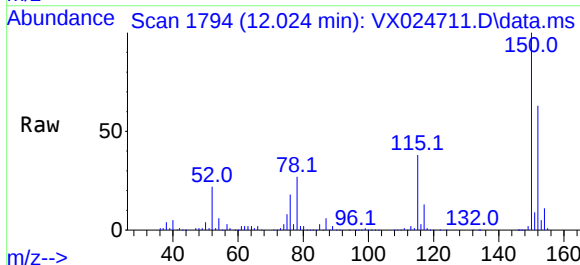
Instrument :
MSVOA_X
ClientSampled :

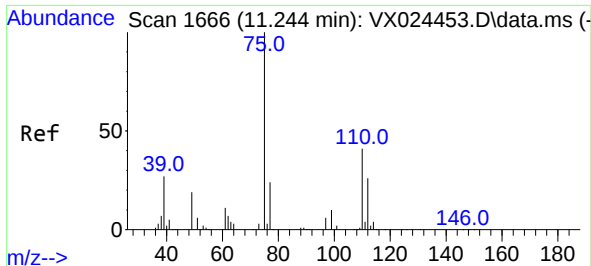
Tgt Ion:117 Resp: 238067
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion:152 Resp: 104269
Ion Ratio Lower Upper
152 100
115 59.6 41.1 123.3
150 156.7 0.0 349.0

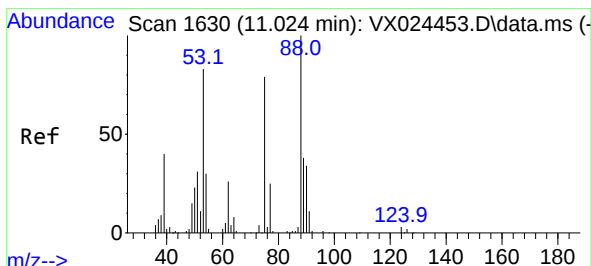
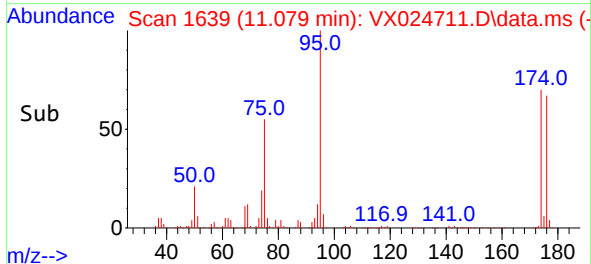
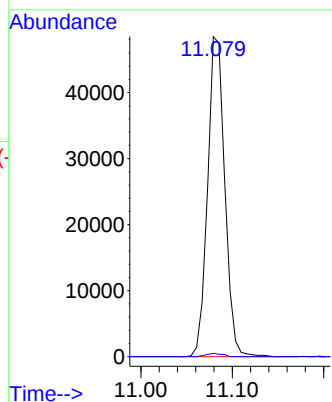
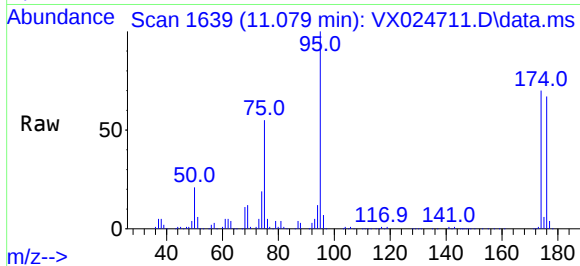




#76
1,2,3-Trichloropropane
Concen: 26.697 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 63216
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX024711.D
Acq: 11 Oct 2021 13:56

Tgt Ion: 75 Resp: 63216
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

