

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101121\
 Data File : VX024732.D
 Acq On : 12 Oct 2021 00:16
 Operator : JC/MD
 Sample : VX1011WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 06:56:42 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)

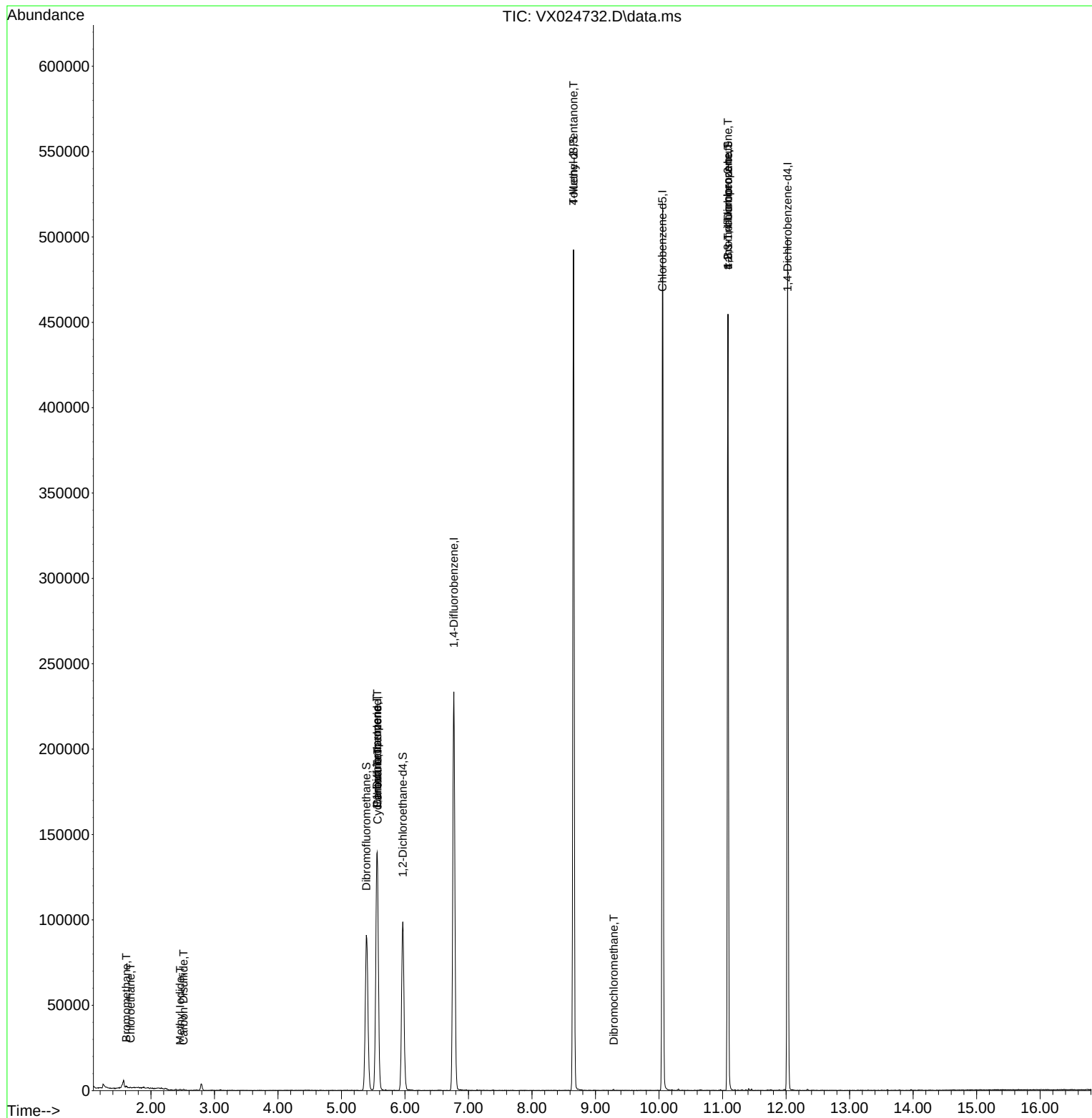
Internal Standards						
1) Pentafluorobenzene	5.562	168	132225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99736	53.519	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.040%		
35) Dibromofluoromethane	5.391	113	78283	51.330	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.660%		
50) Toluene-d8	8.653	98	282739	50.371	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.740%		
62) 4-Bromofluorobenzene	11.085	95	110863	50.233	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.460%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	349	0.395	ug/l	91
6) Chloroethane	1.678	64	65	0.332	ug/l #	43
10) Methyl Iodide	2.459	142	601	0.329	ug/l #	87
11) Tert butyl alcohol	2.940	59	47	Below Cal	#	73
16) Acetone	2.386	43	658	Below Cal	#	40
17) Carbon Disulfide	2.514	76	794	0.481	ug/l #	75
31) Cyclohexane	5.568	56	3100	1.389	ug/l #	41
36) 1,1-Dichloropropene	5.556	75	10177	4.624	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13493	5.632	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1409	0.511	ug/l #	1
60) Dibromochloromethane	9.287	129	85	1.231	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	60221	26.759	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	60221	72.835	ug/l #	12

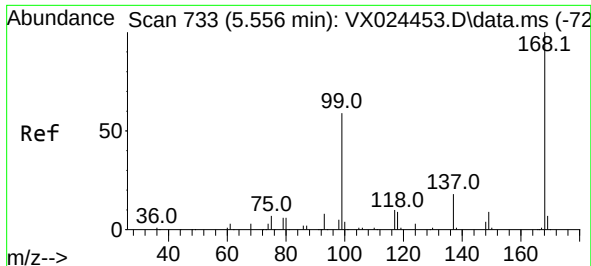
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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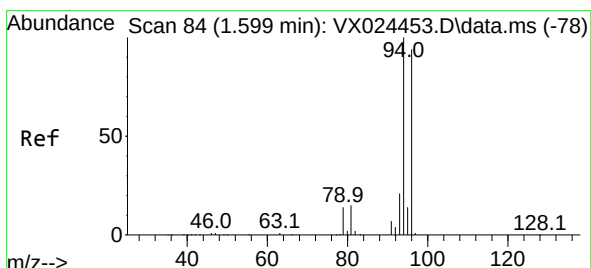
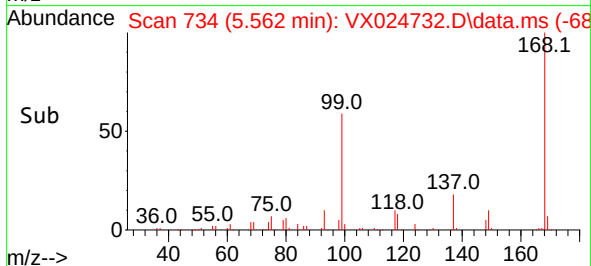
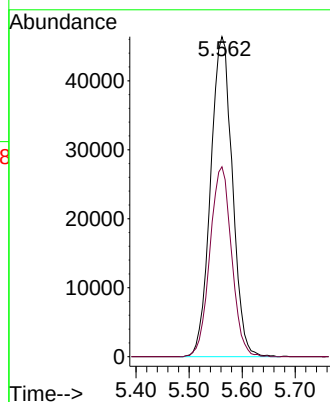
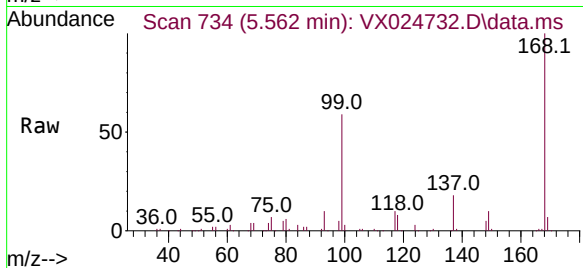




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

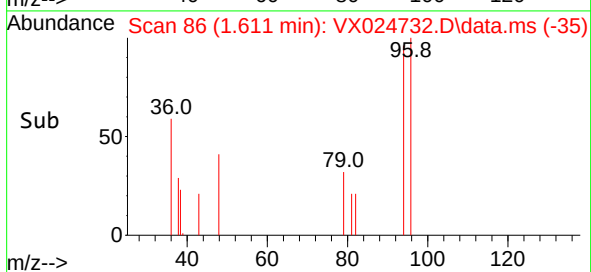
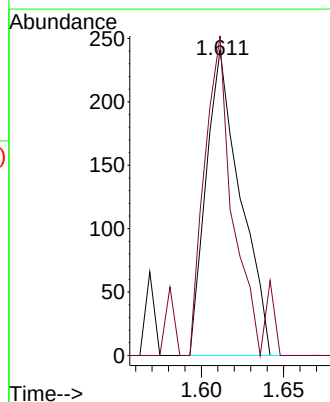
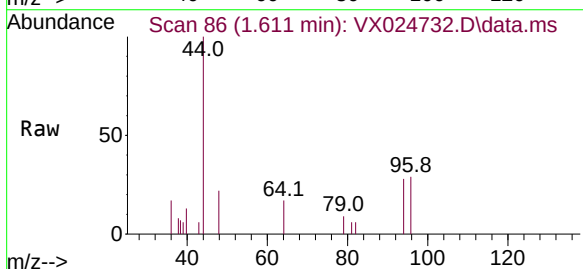
Instrument :
MSVOA_X
ClientSampled :

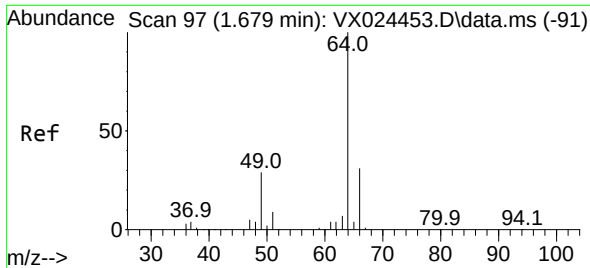
Tgt Ion:168 Resp: 132225
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#5
Bromomethane
Concen: 0.395 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 104.6 76.4 114.6

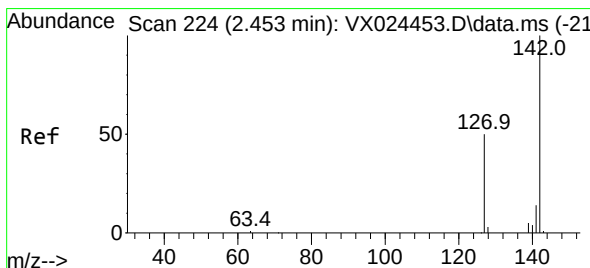
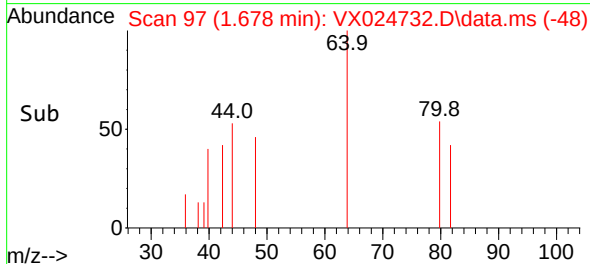
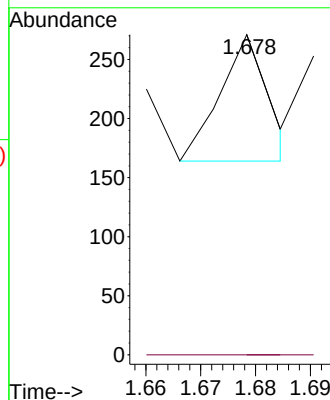
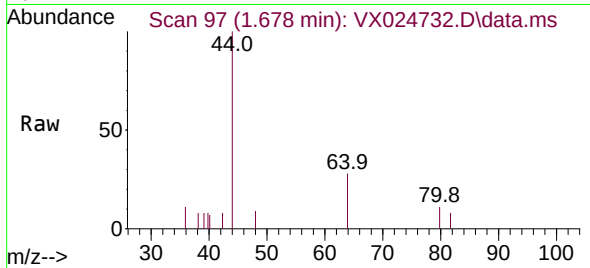




#6
Chloroethane
Concen: 0.332 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

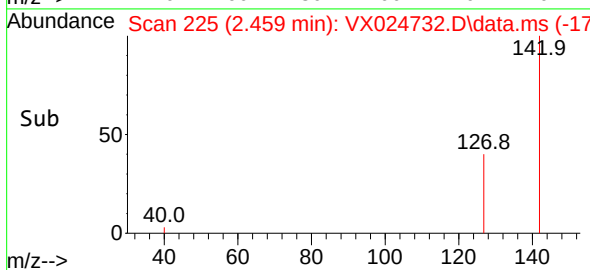
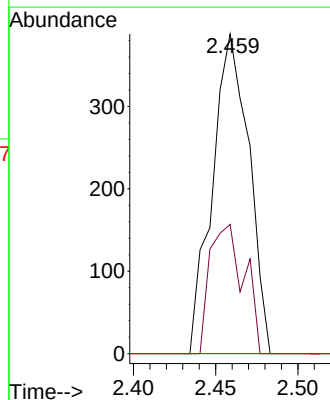
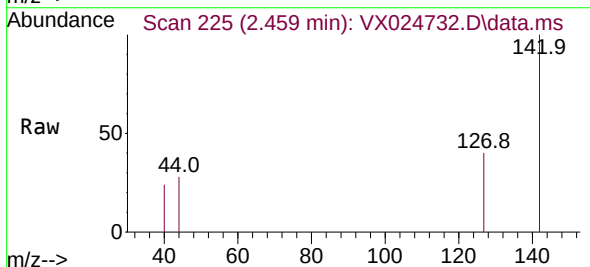
Instrument :
MSVOA_X
ClientSampled :

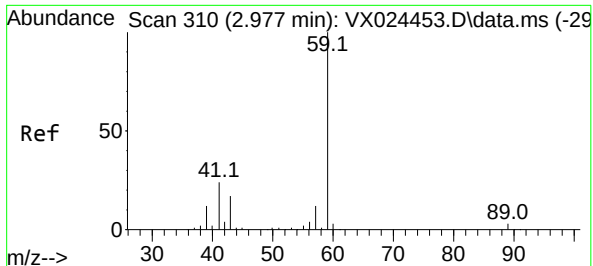
Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.329 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

Tgt Ion: 142 Resp: 601
Ion Ratio Lower Upper
142 100
127 37.8 33.3 49.9
141 0.0 11.4 17.0#



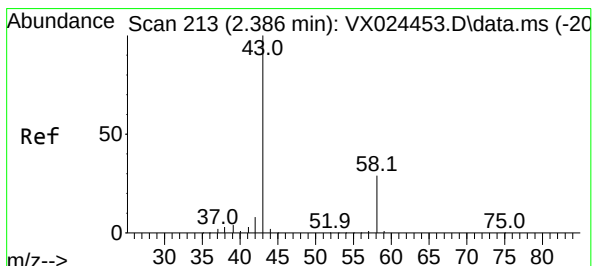
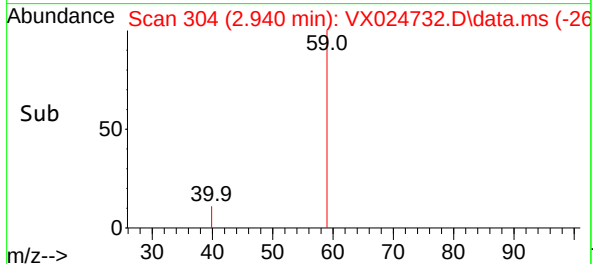
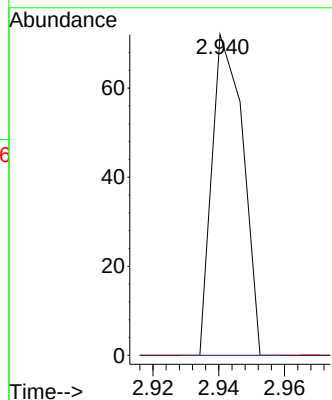
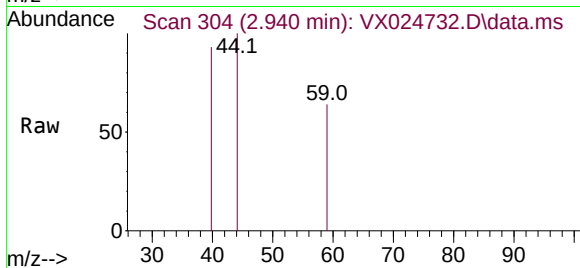


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.037 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

Instrument :
MSVOA_X
ClientSampled :

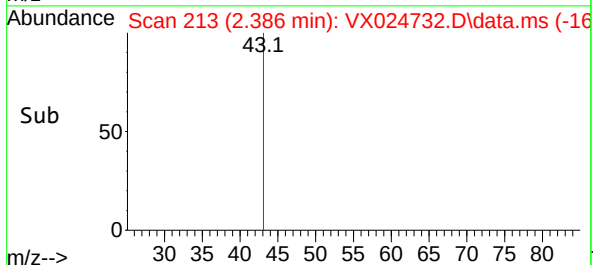
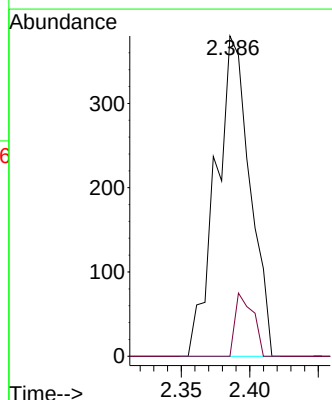
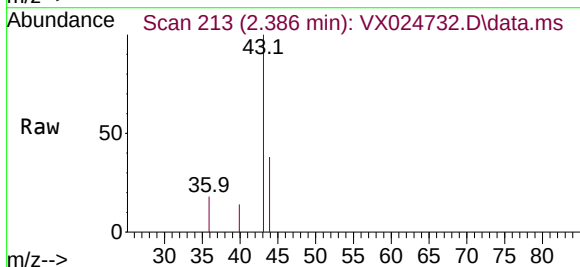
Tgt Ion: 59 Resp: 47
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

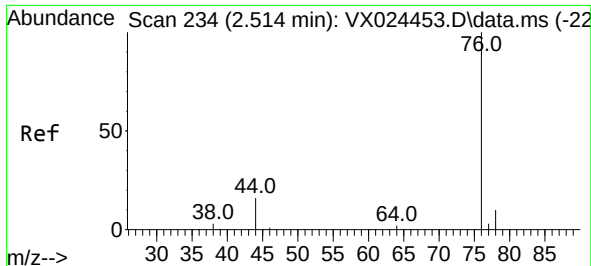


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

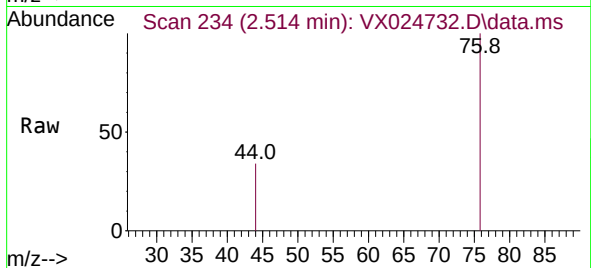
Tgt Ion: 43 Resp: 658
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



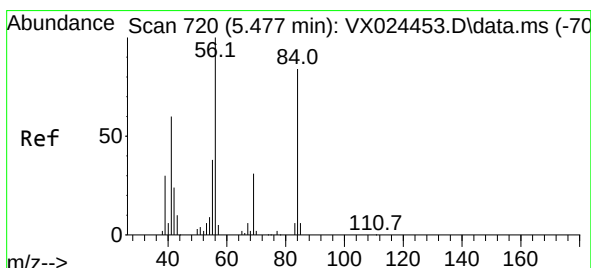
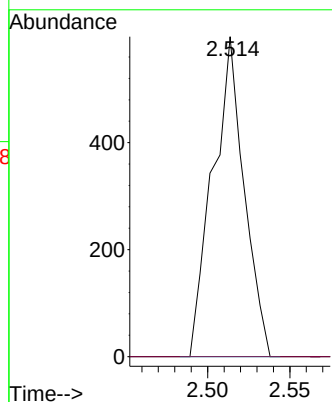
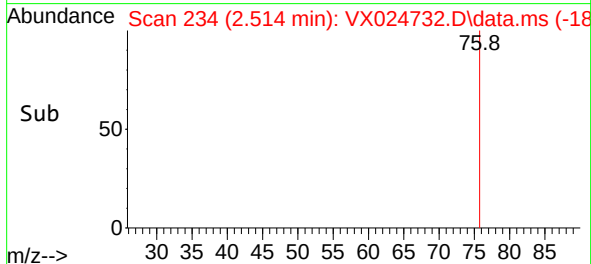


#17
Carbon Disulfide
Concen: 0.481 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

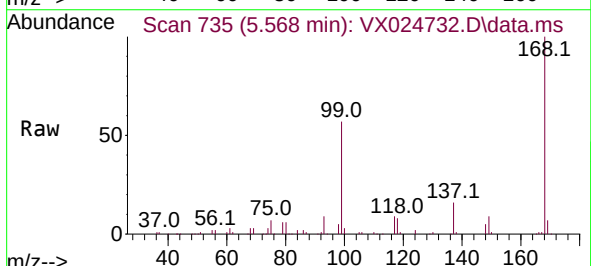
Instrument :
MSVOA_X
ClientSampled :



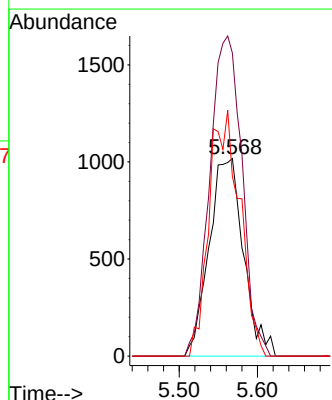
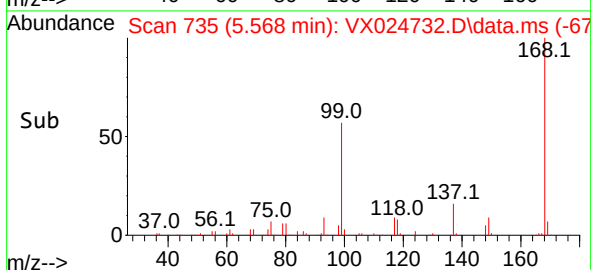
Tgt Ion: 76 Resp: 794
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

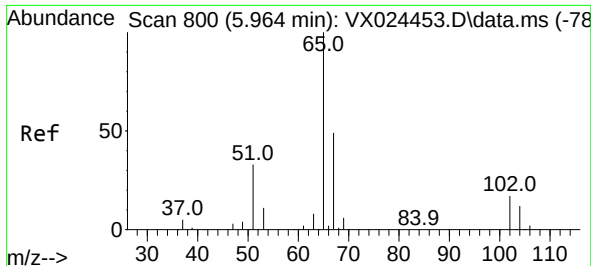


#31
Cyclohexane
Concen: 1.389 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16



Tgt Ion: 56 Resp: 3100
Ion Ratio Lower Upper
56 100
69 153.4 25.3 37.9#
84 90.9 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 53.519 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024732.D

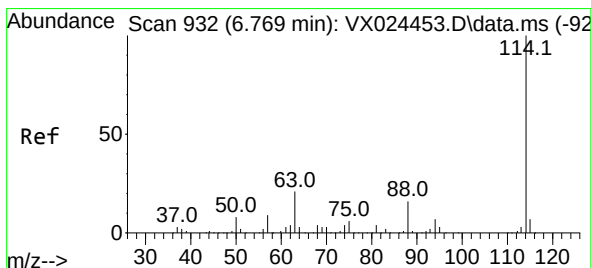
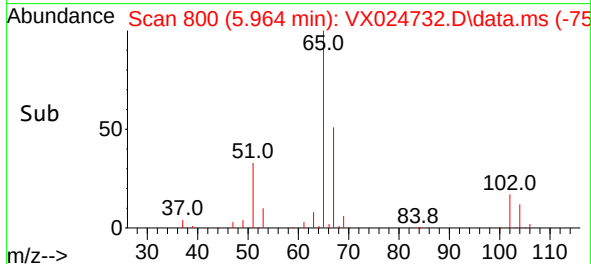
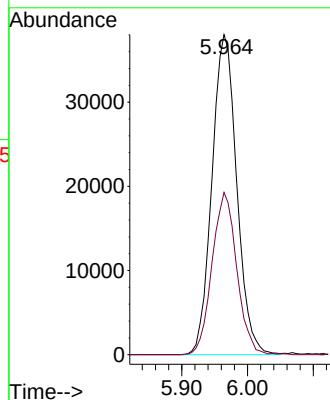
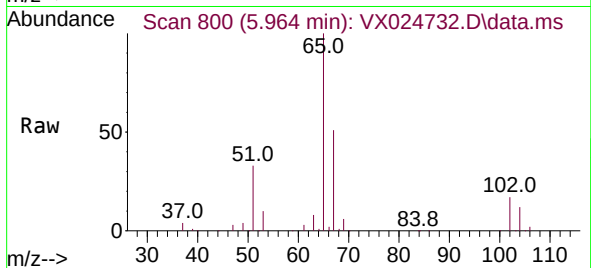
Acq: 12 Oct 2021 00:16

Tgt Ion: 65 Resp: 99736

Ion Ratio Lower Upper

65 100

67 50.5 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: VX024732.D

Acq: 12 Oct 2021 00:16

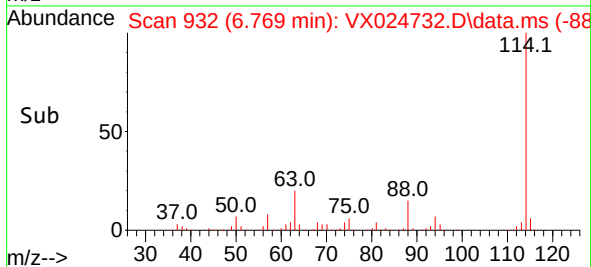
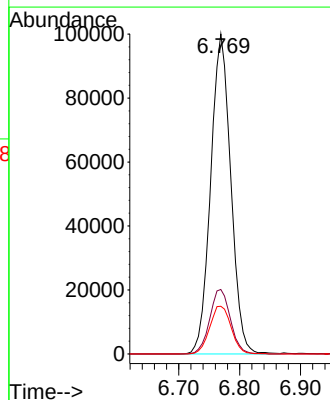
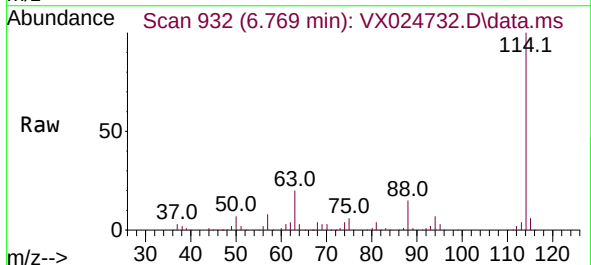
Tgt Ion: 114 Resp: 229571

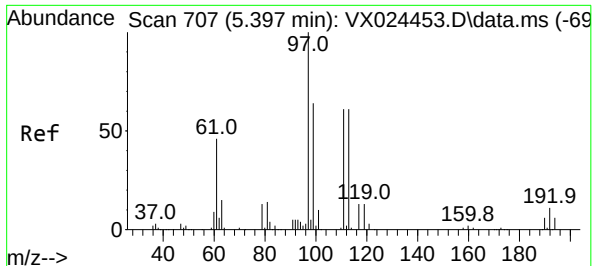
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.9 0.0 32.8

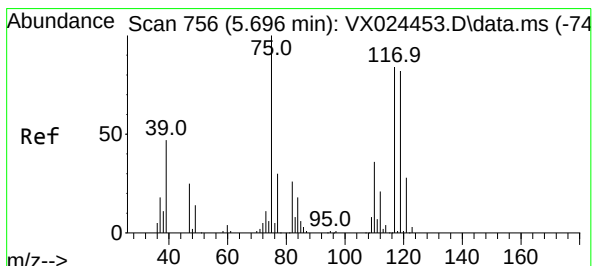
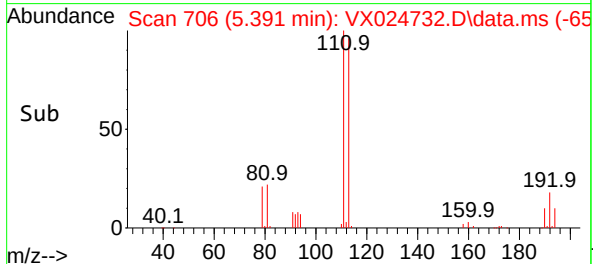
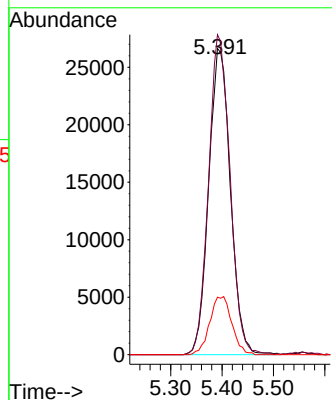
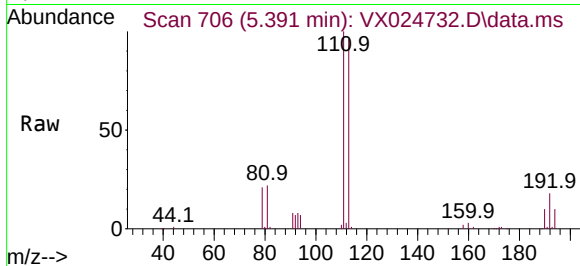




#35
Dibromofluoromethane
Concen: 51.330 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

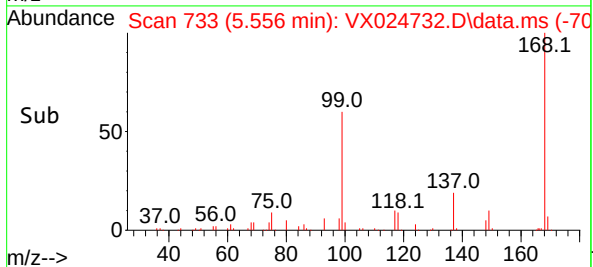
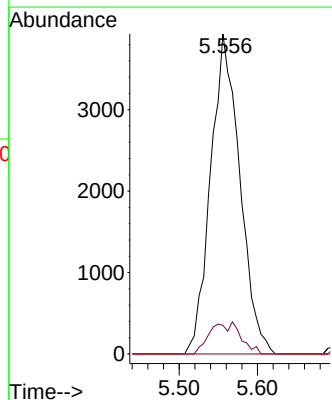
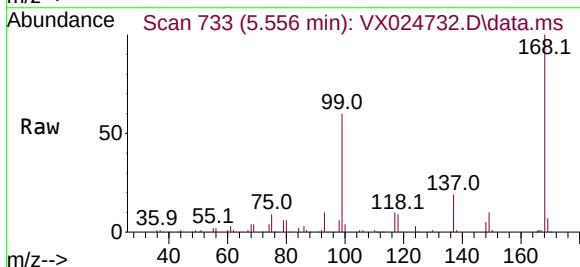
Instrument :
MSVOA_X
ClientSampleId :

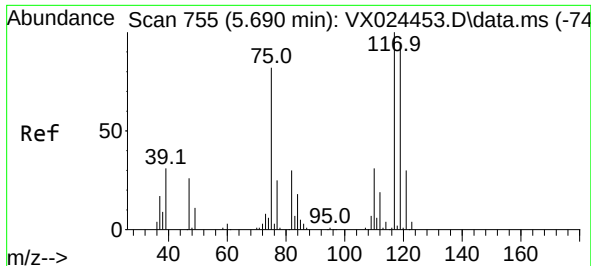
Tgt Ion:113 Resp: 78283
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

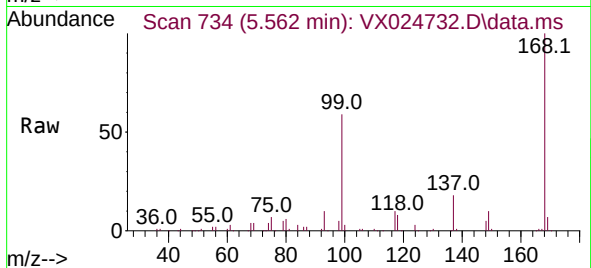
Tgt Ion: 75 Resp: 10177
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



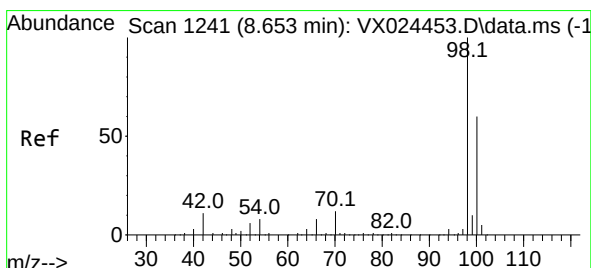
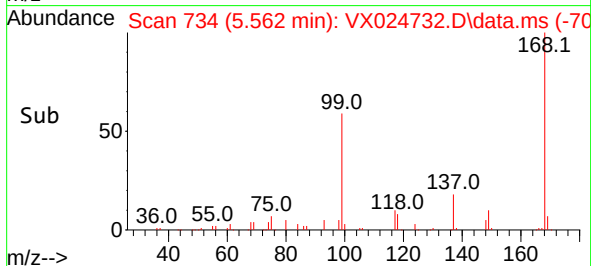
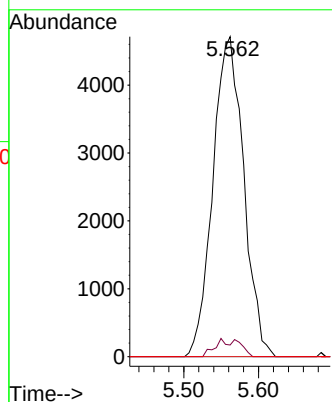


#38
Carbon Tetrachloride
Concen: 5.632 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

Instrument :
MSVOA_X
ClientSampled :

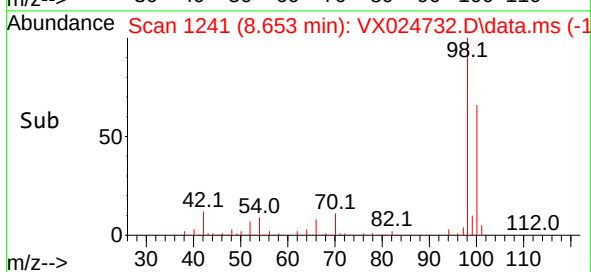
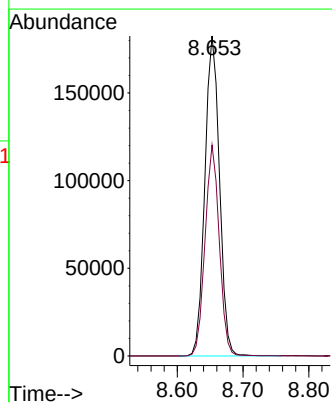
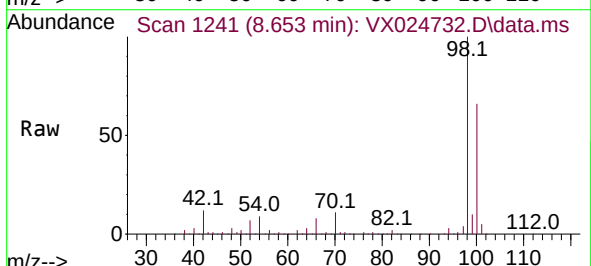


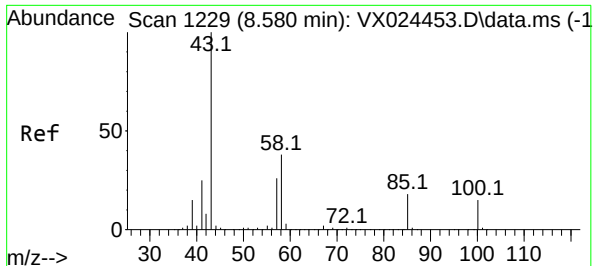
Tgt Ion:117 Resp: 13493
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.371 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

Tgt Ion: 98 Resp: 282739
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

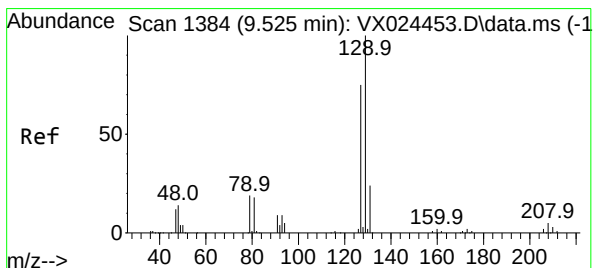
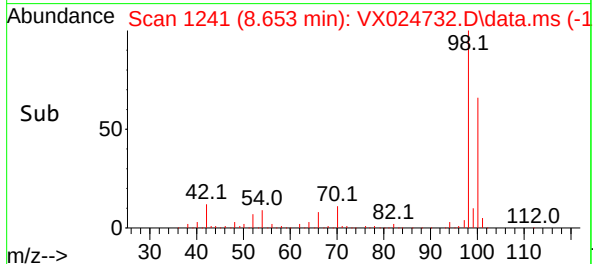
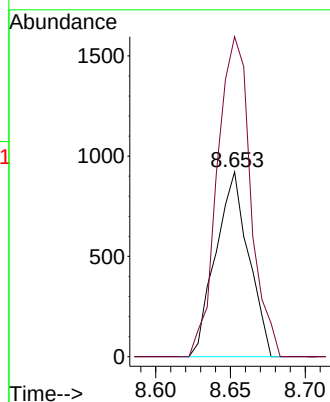
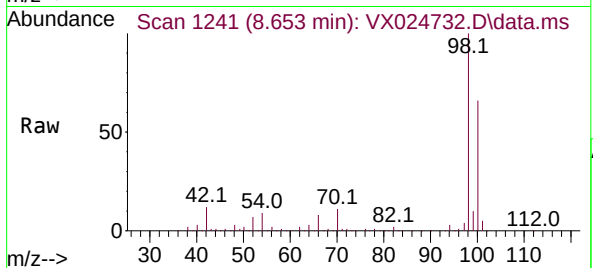




#51
4-Methyl-2-Pentanone
Concen: 0.511 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

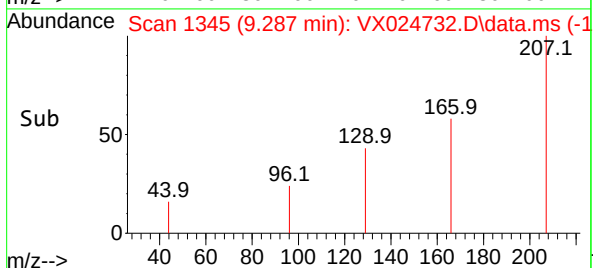
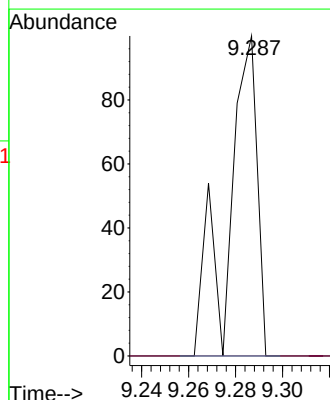
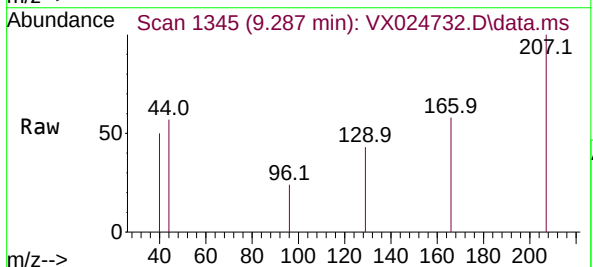
Instrument :
MSVOA_X
ClientSampled :

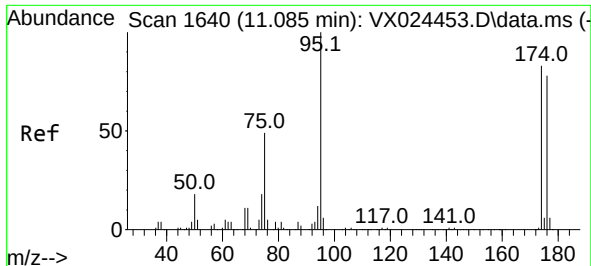
Tgt Ion: 43 Resp: 1409
Ion Ratio Lower Upper
43 100
58 175.7 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.231 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

Tgt Ion: 129 Resp: 85
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

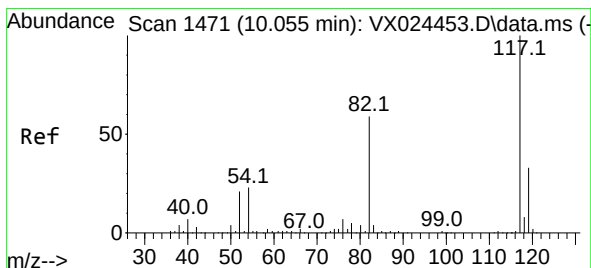
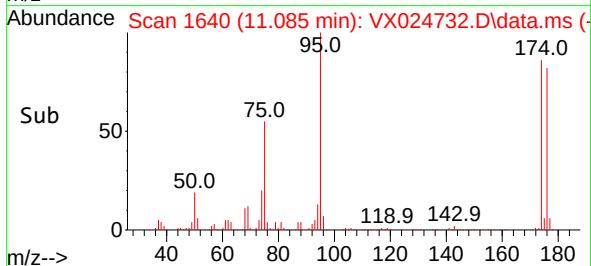
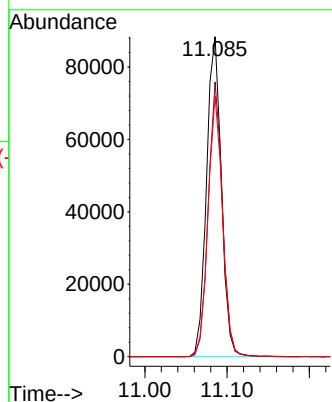
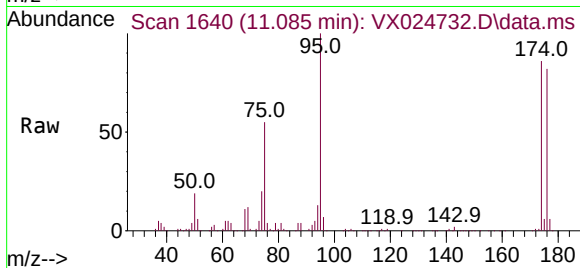




#62
4-Bromofluorobenzene
Concen: 50.233 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

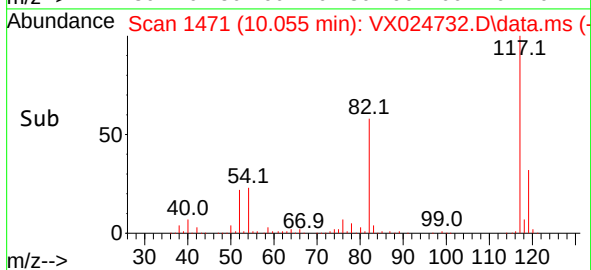
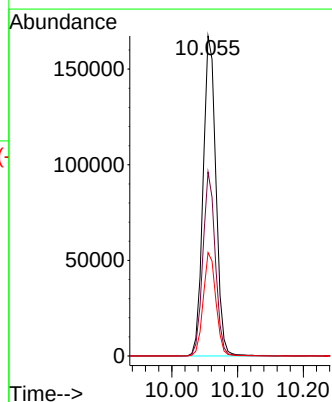
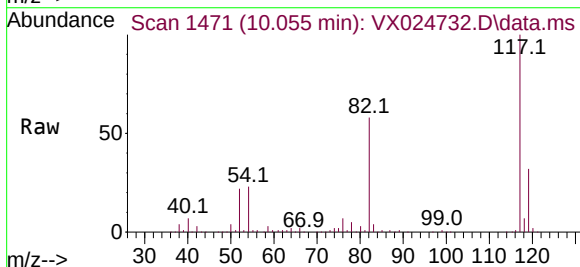
Instrument :
MSVOA_X
ClientSampleId :

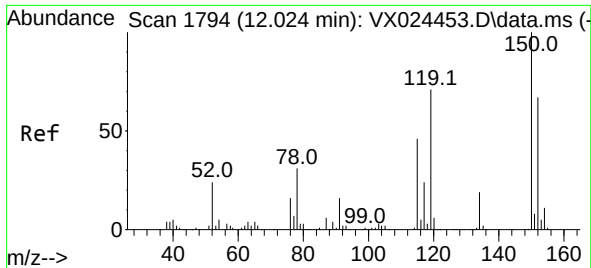
Tgt Ion: 95 Resp: 110863
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 79.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024732.D
Acq: 12 Oct 2021 00:16

Tgt Ion: 117 Resp: 226542
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 32.3 26.6 39.8

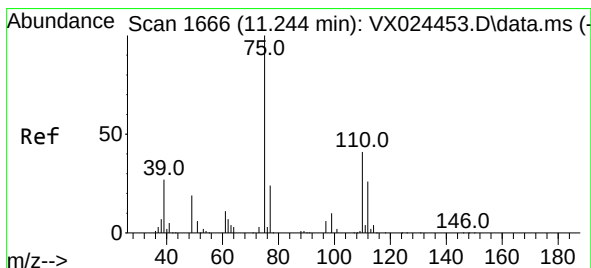
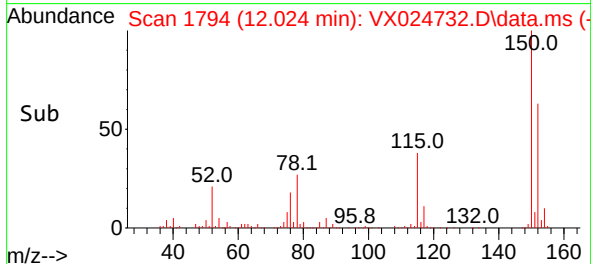
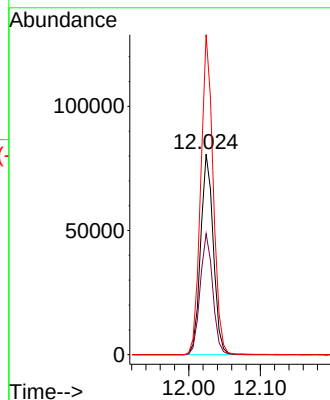
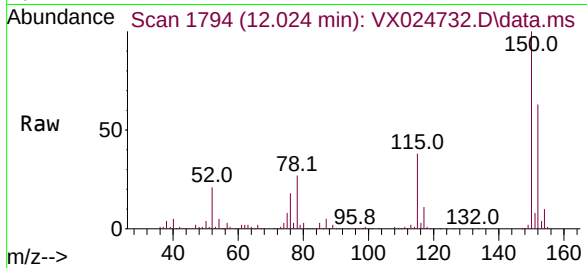




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024732.D
 Acq: 12 Oct 2021 00:16

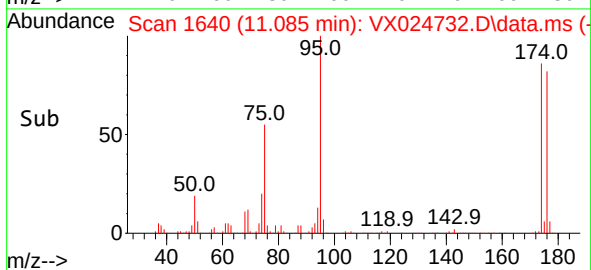
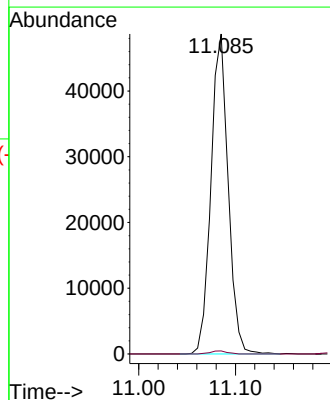
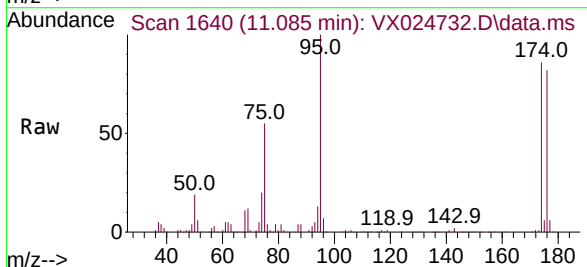
Instrument :
 MSVOA_X
 ClientSampled :

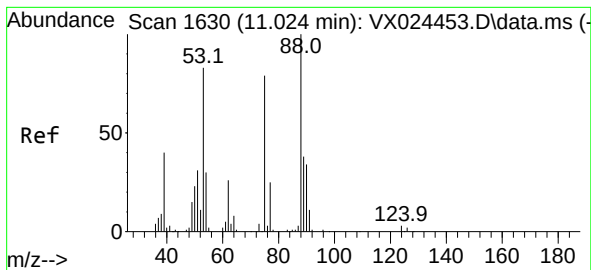
Tgt Ion:152 Resp: 99099
 Ion Ratio Lower Upper
 152 100
 115 59.8 41.1 123.3
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.759 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024732.D
 Acq: 12 Oct 2021 00:16

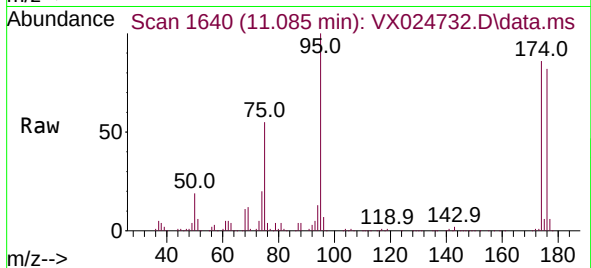
Tgt Ion: 75 Resp: 60221
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.835 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024732.D
 Acq: 12 Oct 2021 00:16

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 60221
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

