

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024554.D
 Acq On : 05 Oct 2021 05:39
 Operator : JC/MD
 Sample : M4047-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 05 08:35:46 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

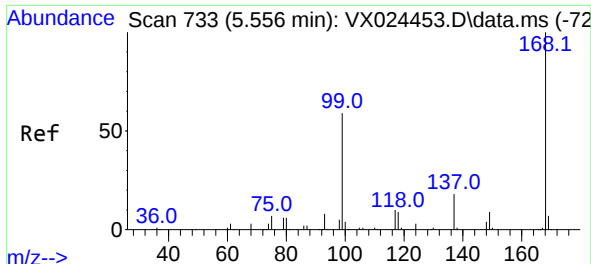
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	149201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107295	51.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.040%	
35) Dibromofluoromethane	5.397	113	86441	56.732	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.460%	
50) Toluene-d8	8.653	98	303505	54.121	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	11.085	95	115618	52.436	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.880%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	386	0.648	ug/l #	43
16) Acetone	2.386	43	911	Below Cal		93
17) Carbon Disulfide	2.514	76	246	0.297	ug/l #	75
18) Methyl Acetate	2.715	43	1012	0.321	ug/l #	64
20) Methylene Chloride	2.782	84	158	Below Cal	#	49
30) Chloroform	5.105	83	923	0.295	ug/l #	81
31) Cyclohexane	5.556	56	2894	1.149	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11381	5.176	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16136	6.742	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1512	0.549	ug/l #	1
60) Dibromochloromethane	9.281	129	221	1.300	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59015	24.894	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59015	67.894	ug/l #	12

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

Quant Time: Oct 05 08:35:46 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

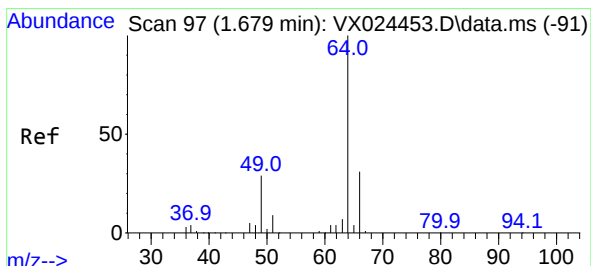
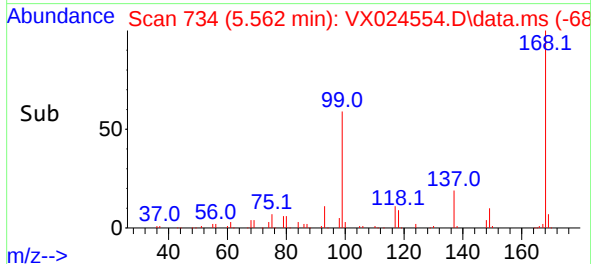
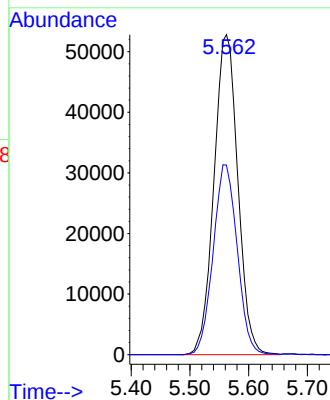
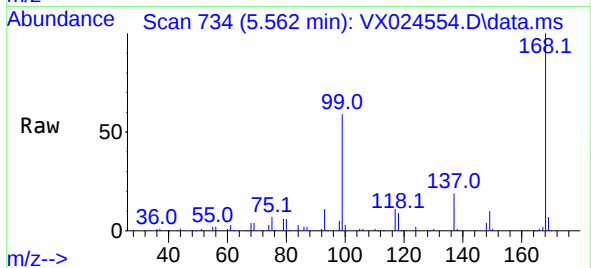




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

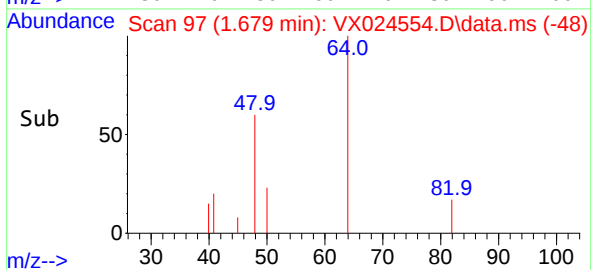
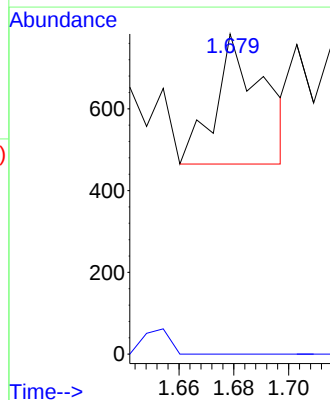
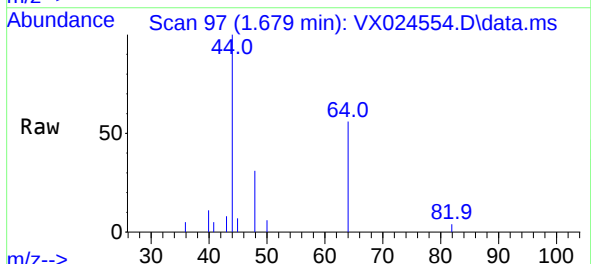
Instrument :
MSVOA_X
ClientSampleId :
MW-1

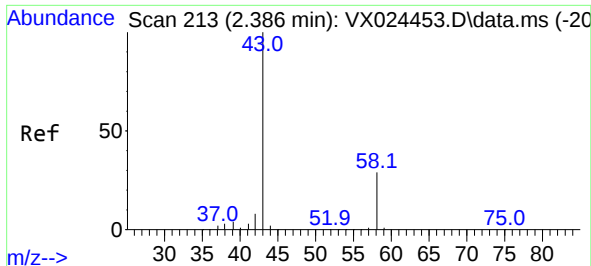
Tgt Ion:168 Resp: 149201
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#6
Chloroethane
Concen: 0.648 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Tgt Ion: 64 Resp: 386
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

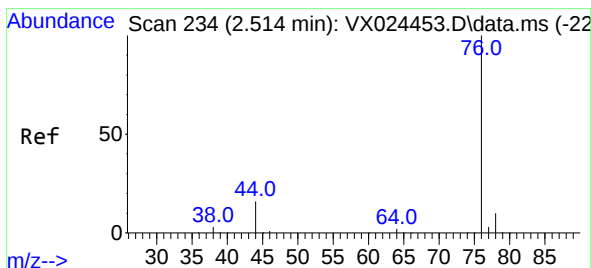
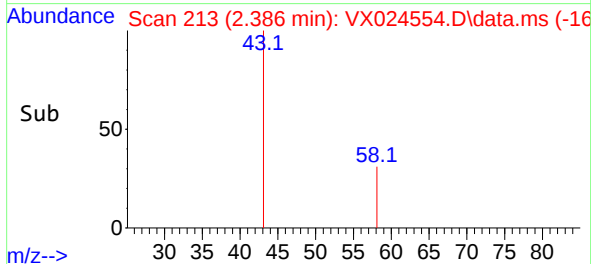
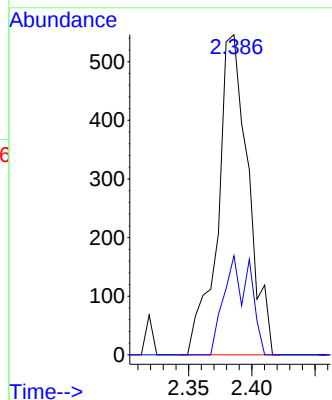
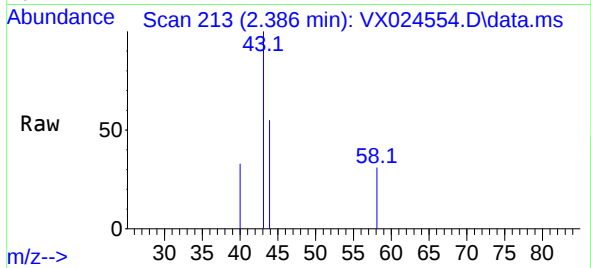




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

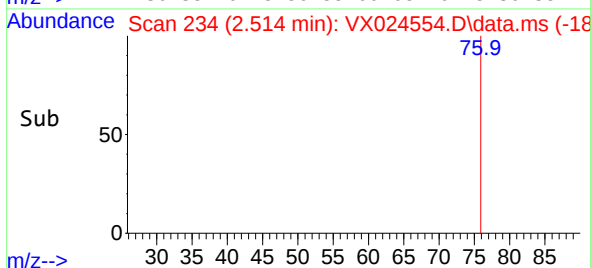
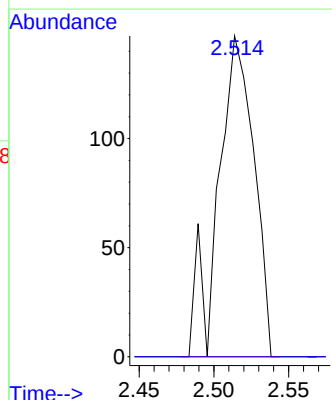
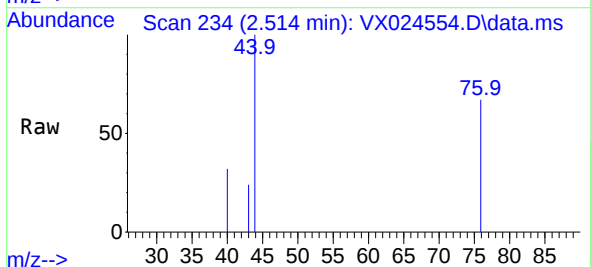
Instrument :
MSVOA_X
ClientSampled :
MW-1

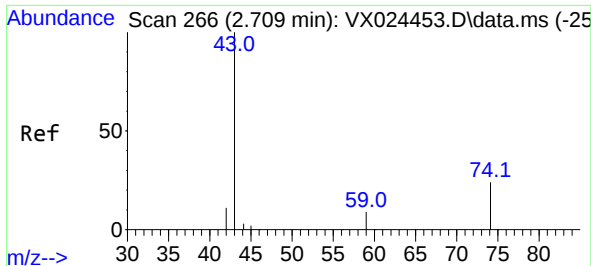
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.297 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Tgt Ion: 76 Resp: 246
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.321 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.006 min

Lab File: VX024554.D

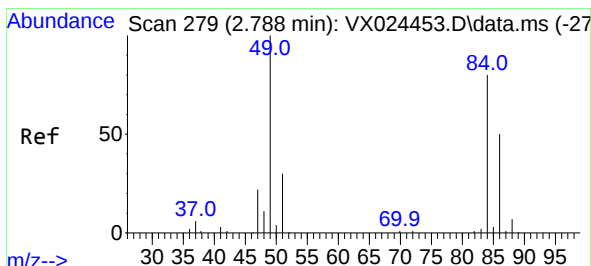
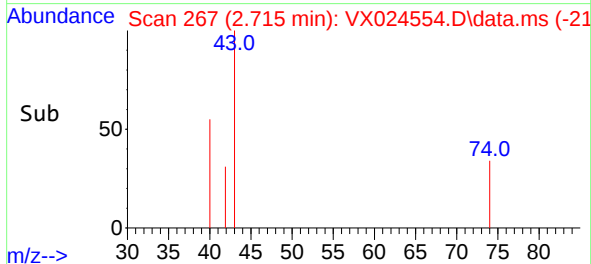
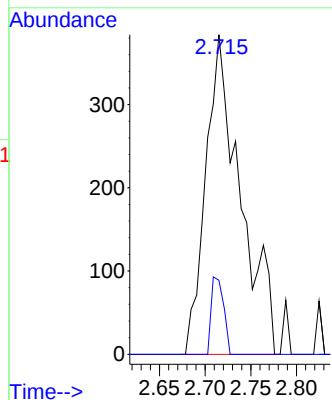
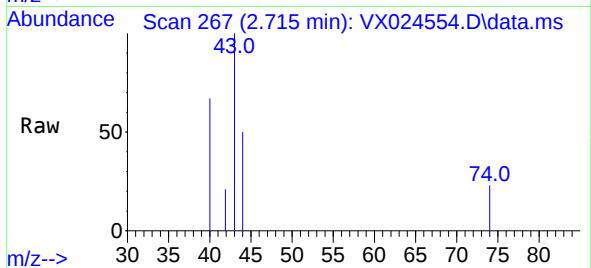
Acq: 05 Oct 2021 05:39

Tgt Ion: 43 Resp: 1012

Ion Ratio Lower Upper

43 100

74 8.5 21.9 32.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX024554.D

Acq: 05 Oct 2021 05:39

Tgt Ion: 84 Resp: 158

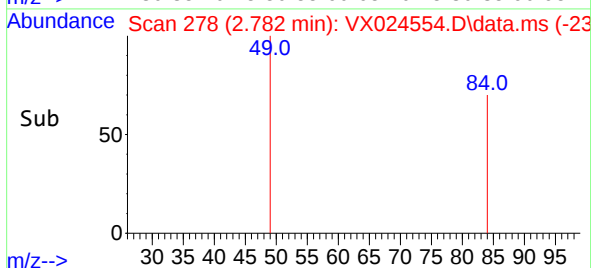
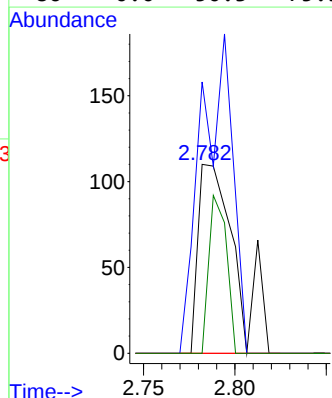
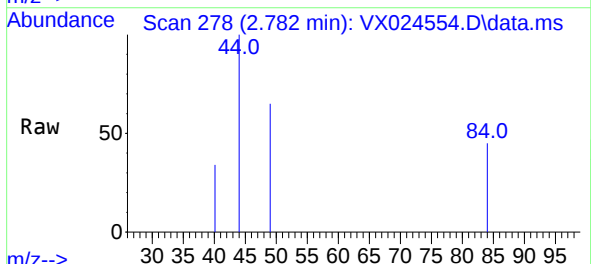
Ion Ratio Lower Upper

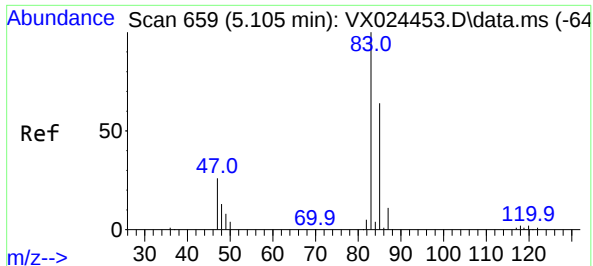
84 100

49 143.6 88.6 132.8#

51 0.0 27.0 40.6#

86 0.0 50.3 75.5#





#30

Chloroform

Concen: 0.295 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024554.D

Acq: 05 Oct 2021 05:39

Tgt Ion: 83 Resp: 923

Ion Ratio Lower Upper

83 100

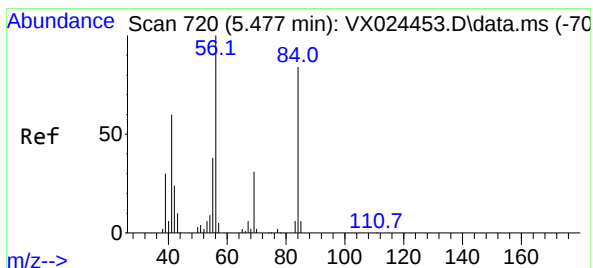
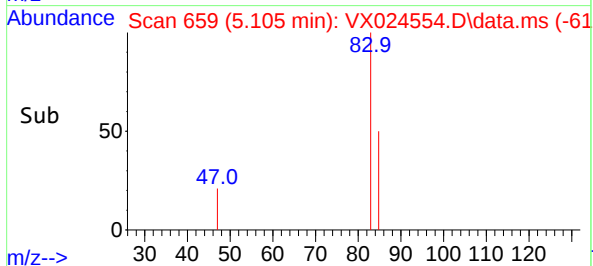
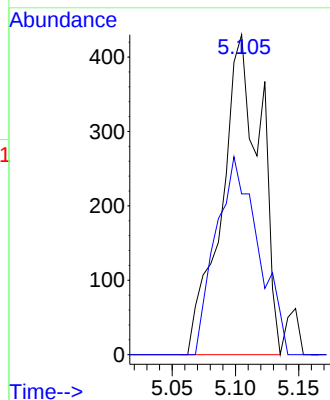
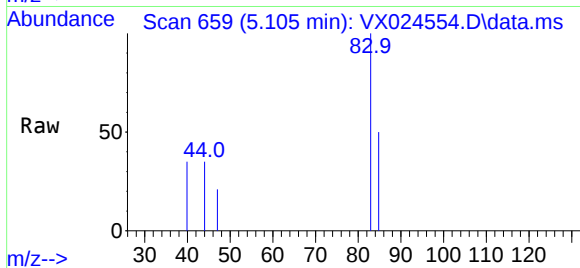
85 50.2 52.0 78.0#

Instrument :

MSVOA_X

ClientSampled :

MW-1



#31

Cyclohexane

Concen: 1.149 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024554.D

Acq: 05 Oct 2021 05:39

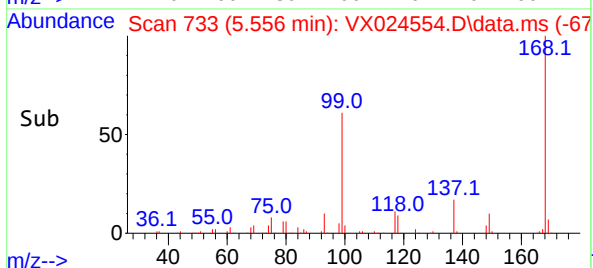
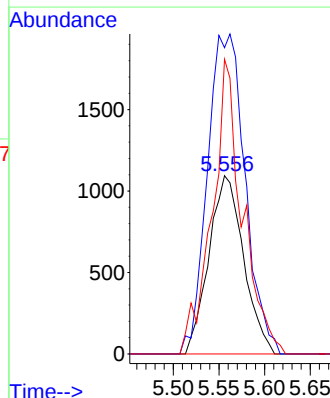
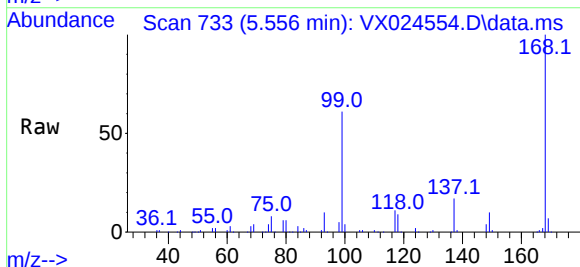
Tgt Ion: 56 Resp: 2894

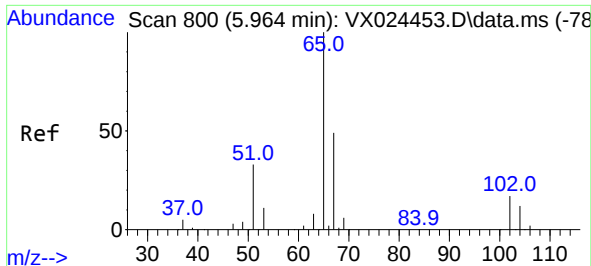
Ion Ratio Lower Upper

56 100

69 171.8 25.3 37.9#

84 165.4 71.4 107.0#

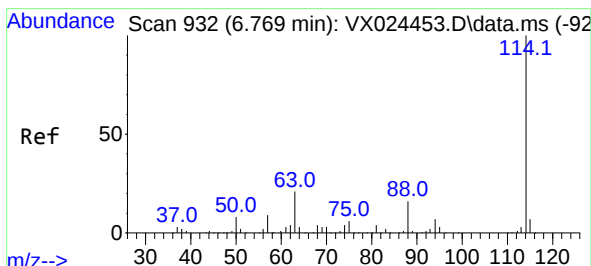
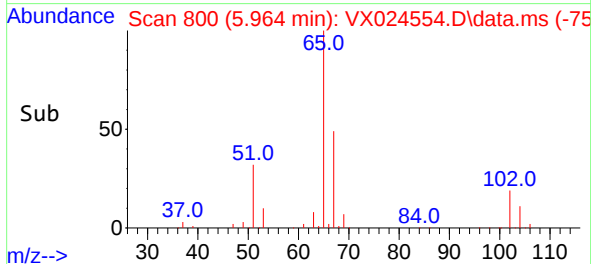
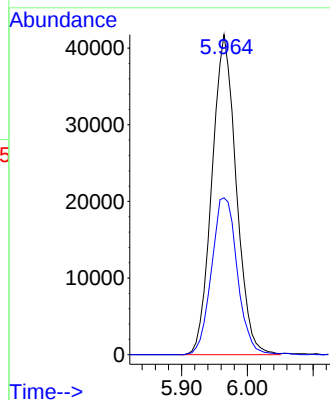
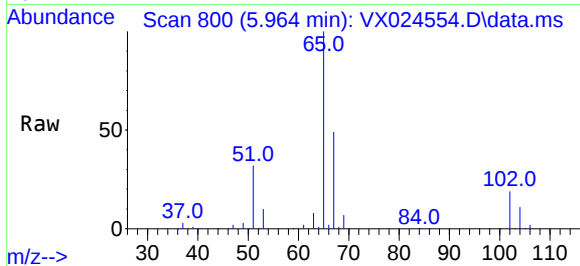




#33
1,2-Dichloroethane-d4
Concen: 51.025 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

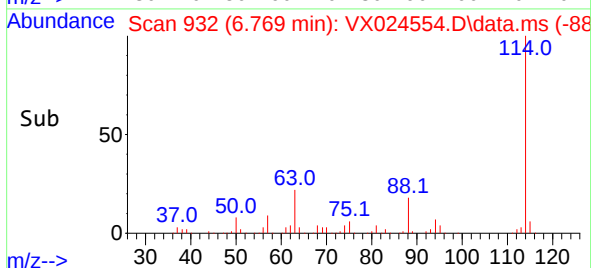
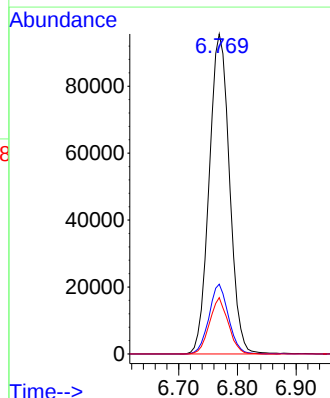
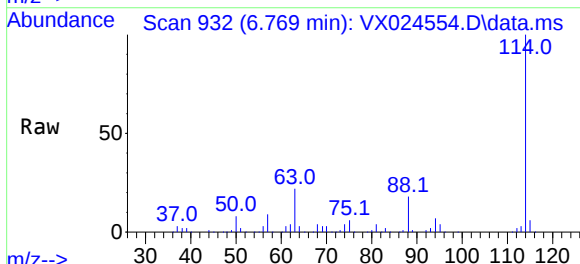
Instrument :
MSVOA_X
ClientSampled :
MW-1

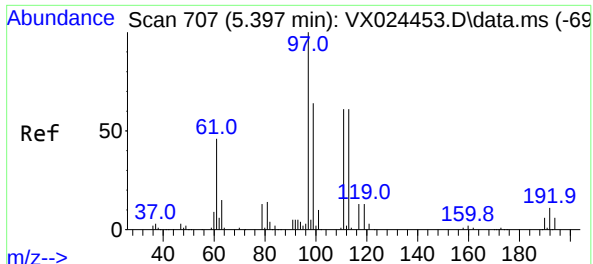
Tgt Ion: 65 Resp: 107295
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Tgt Ion: 114 Resp: 229355
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 17.6 0.0 32.8



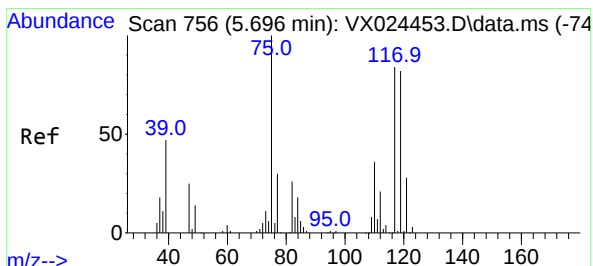
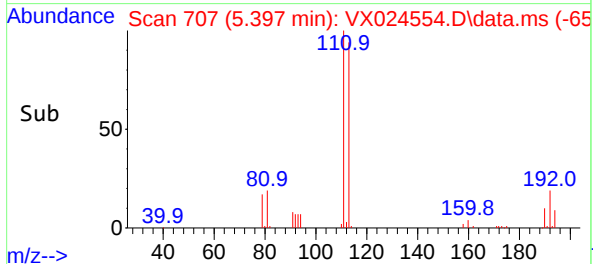
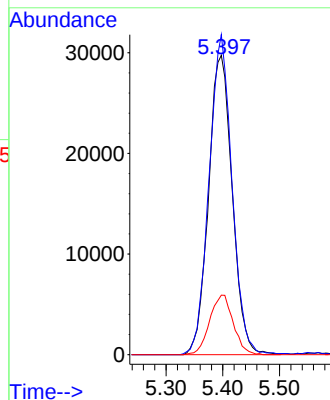
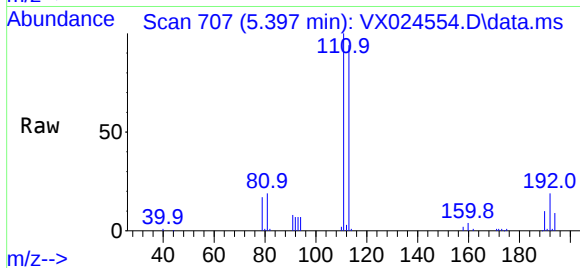


#35
Dibromofluoromethane
Concen: 56.732 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt Ion:113 Resp: 86441

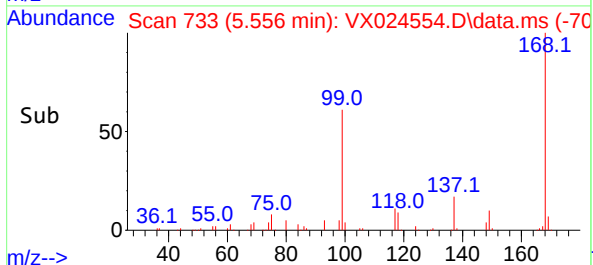
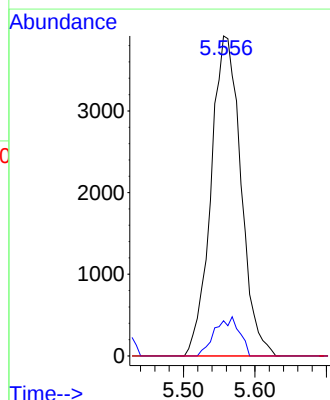
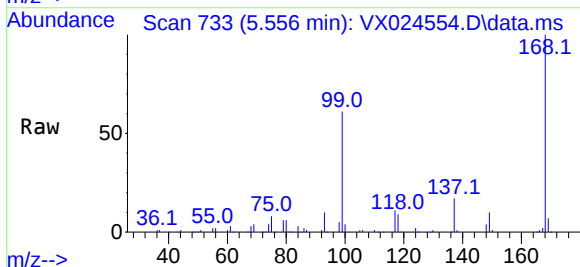
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	19.8	16.7	25.1

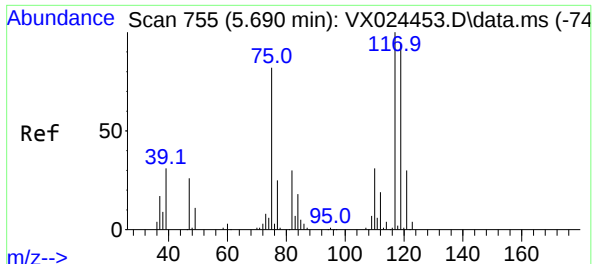


#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Tgt Ion: 75 Resp: 11381

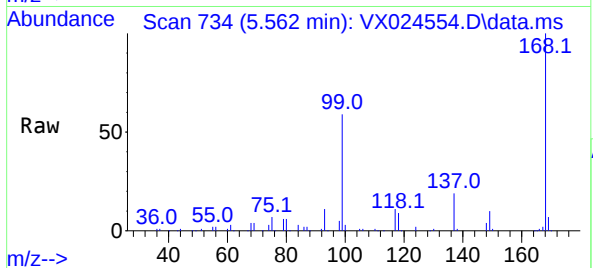
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#



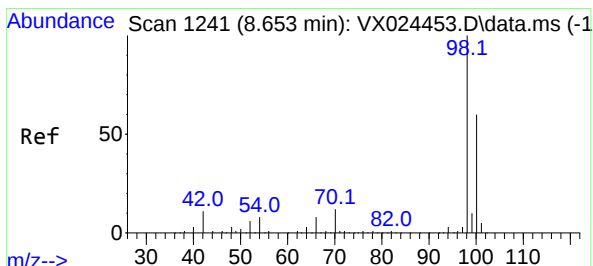
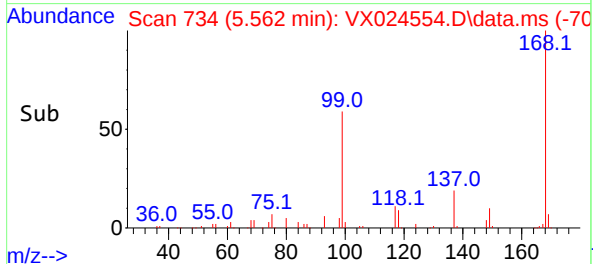
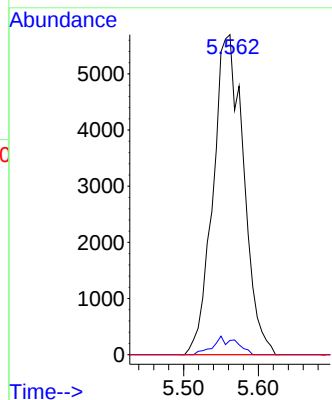


#38
Carbon Tetrachloride
Concen: 6.742 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Instrument :
MSVOA_X
ClientSampleId :
MW-1

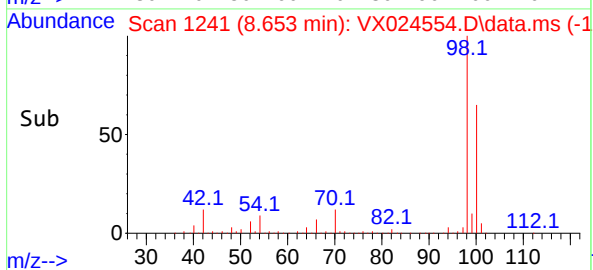
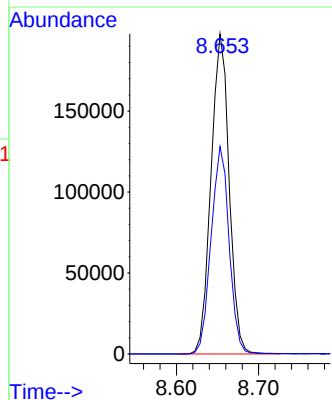
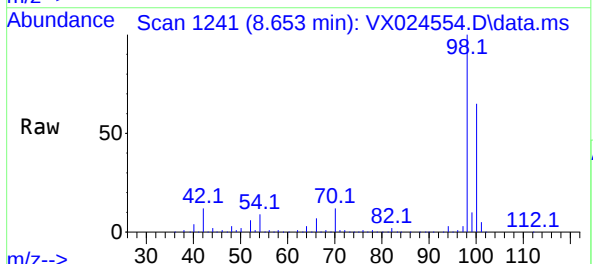


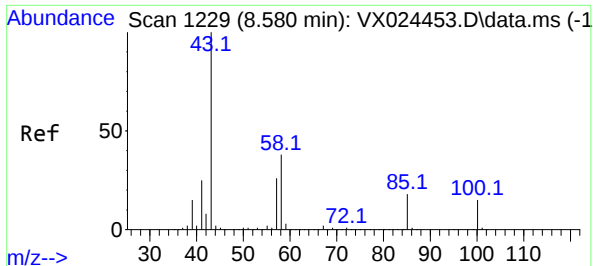
Tgt Ion:117 Resp: 16136
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.121 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Tgt Ion: 98 Resp: 303505
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

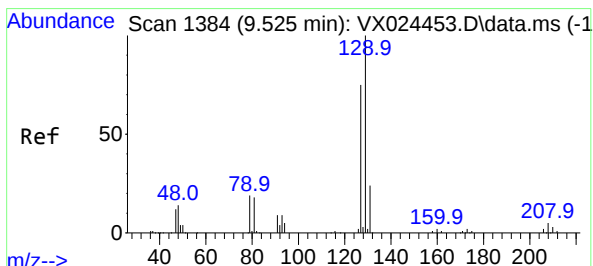
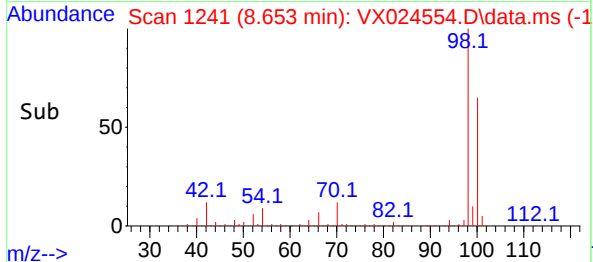
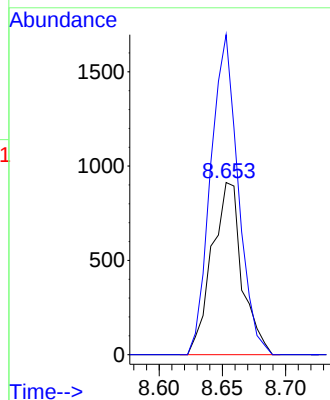
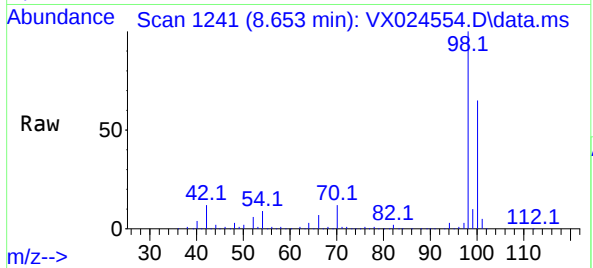




#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

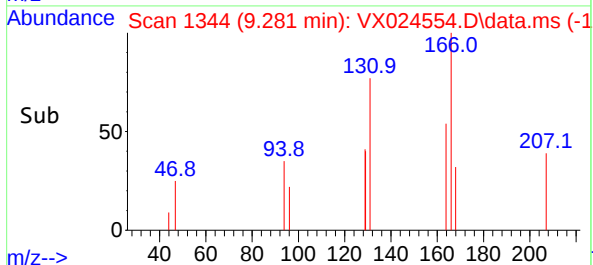
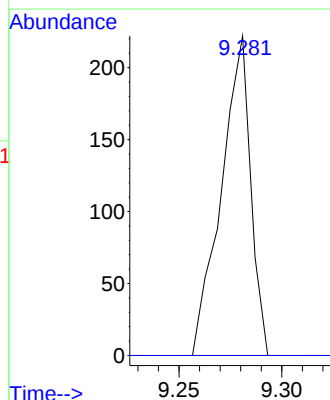
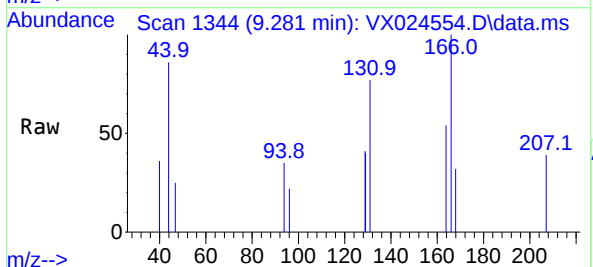
Instrument :
MSVOA_X
ClientSampleId :
MW-1

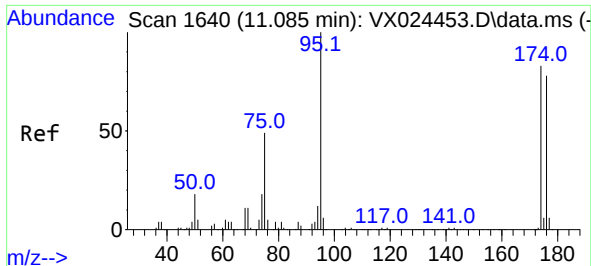
Tgt Ion: 43 Resp: 1512
Ion Ratio Lower Upper
43 100
58 169.8 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.300 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Tgt Ion: 129 Resp: 221
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

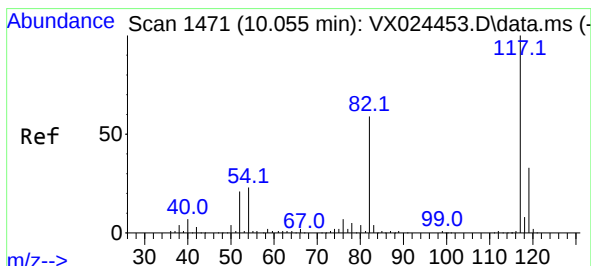
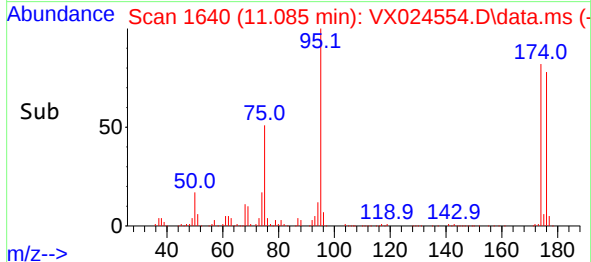
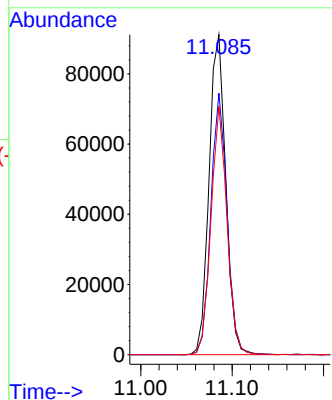
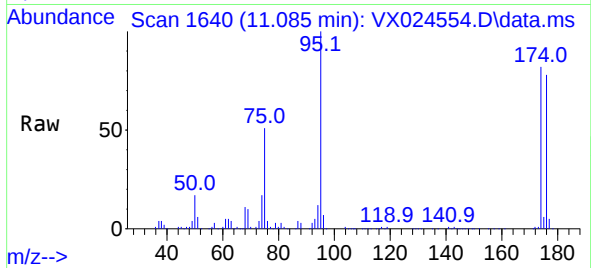




#62
4-Bromofluorobenzene
Concen: 52.436 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

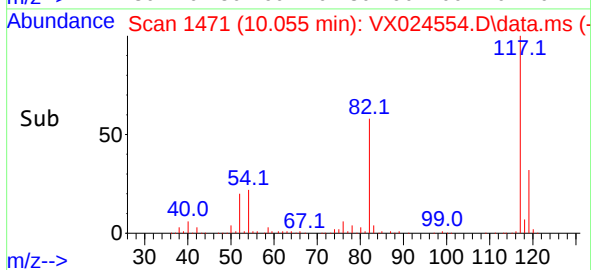
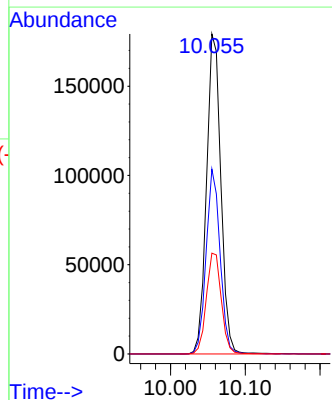
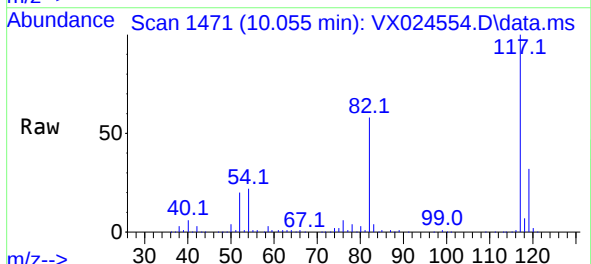
Instrument :
MSVOA_X
ClientSampled :
MW-1

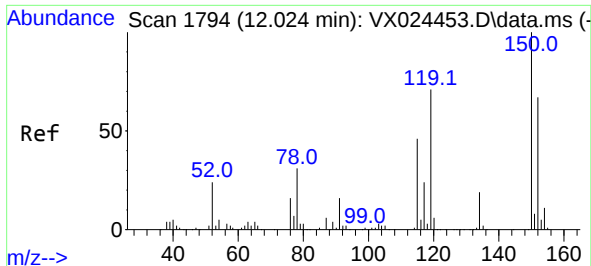
Tgt Ion: 95 Resp: 115618
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Tgt Ion: 117 Resp: 238563
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.5 26.6 39.8

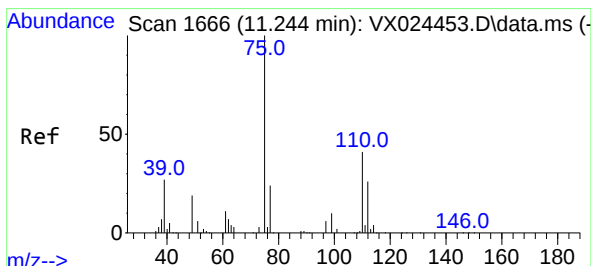
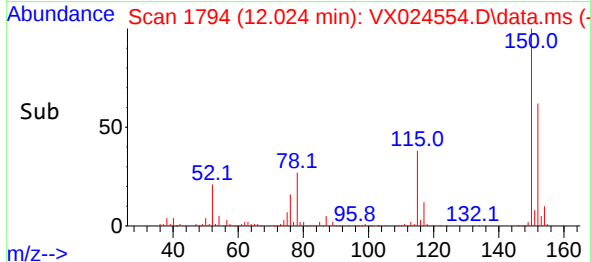
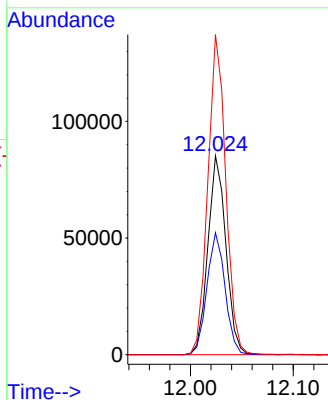
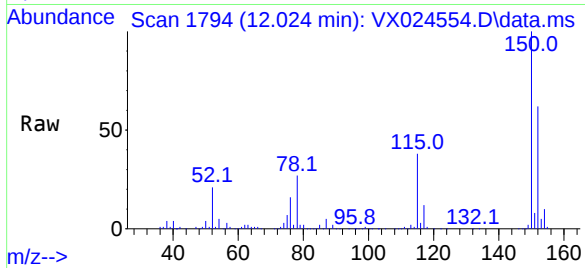




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

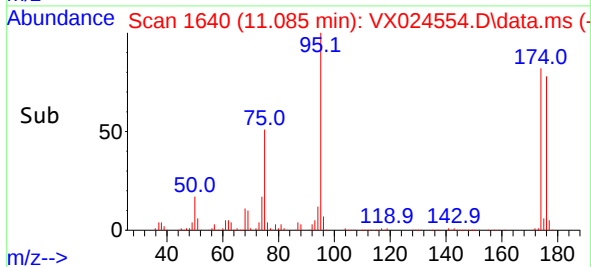
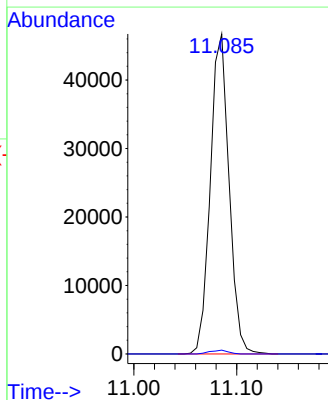
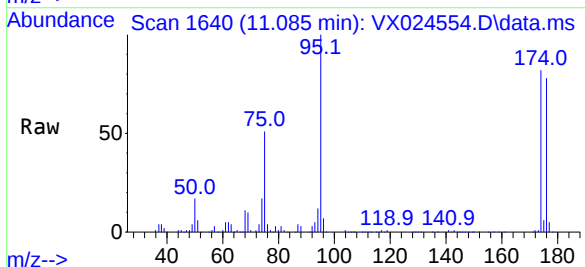
Instrument :
MSVOA_X
ClientSampled :
MW-1

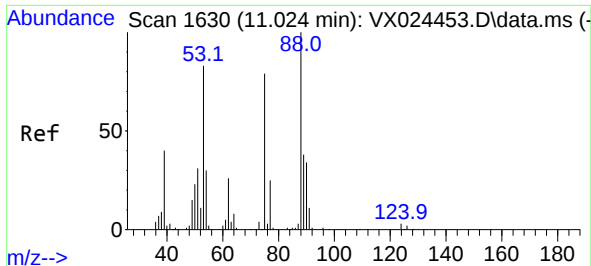
Tgt Ion:152 Resp: 104389
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 159.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.894 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024554.D
Acq: 05 Oct 2021 05:39

Tgt Ion: 75 Resp: 59015
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.894 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024554.D
 Acq: 05 Oct 2021 05:39

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tgt Ion: 75 Resp: 59015
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

