

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012623\
 Data File : VX033913.D
 Acq On : 26 Jan 2023 16:42
 Operator : JC/MD
 Sample : 01323-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

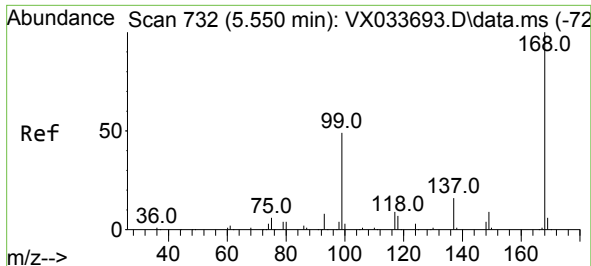
Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-01S

Quant Time: Jan 27 02:57:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	161077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	234440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78340	46.191	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.380%
35) Dibromofluoromethane	5.385	113	71874	49.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.740%
50) Toluene-d8	8.647	98	265176	49.995	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	91856	46.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.280%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	427	Below Cal	#	86
17) Carbon Disulfide	2.520	76	124	1.858	ug/l #	76
20) Methylene Chloride	2.788	84	180	Below Cal	#	57
31) Cyclohexane	5.550	56	2363	0.947	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9612	4.524	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13706	6.229	ug/l #	16
44) Trichloroethene	7.135	130	388	0.224	ug/l	87
51) 4-Methyl-2-Pentanone	8.641	43	1011	0.491	ug/l #	1
73) Isopropylbenzene	11.085	105	98	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	42326	24.332	ug/l #	34
79) 2-Chlorotoluene	11.305	91	55	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42326	75.620	ug/l #	8
82) 4-Chlorotoluene	11.305	91	55	Below Cal	#	43

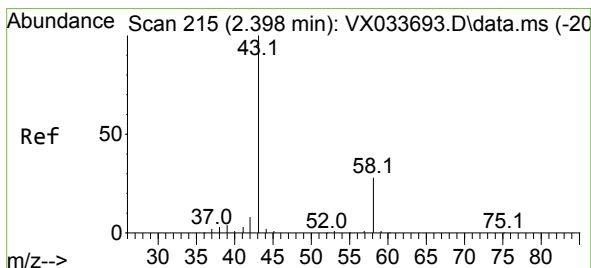
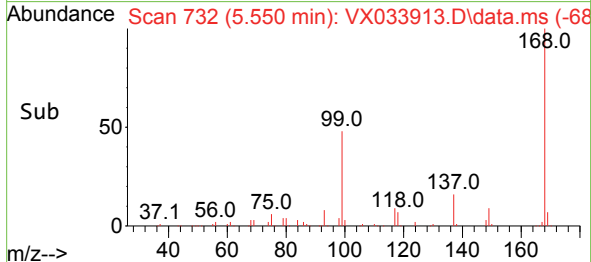
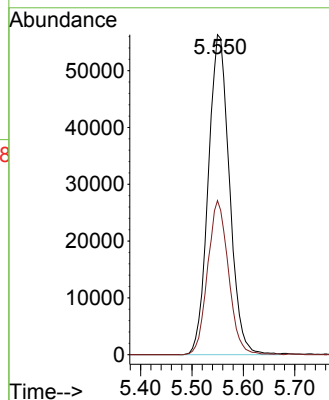
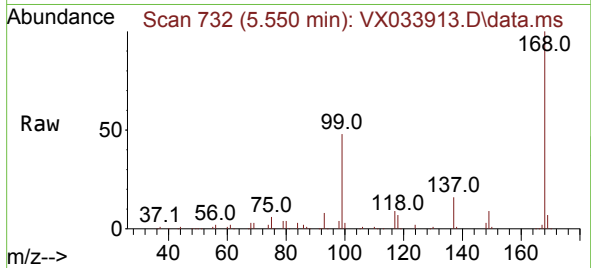
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033913.D
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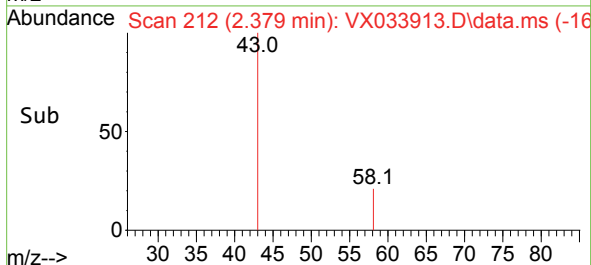
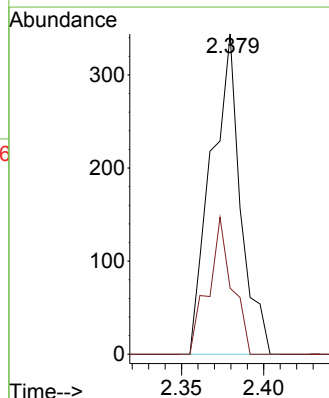
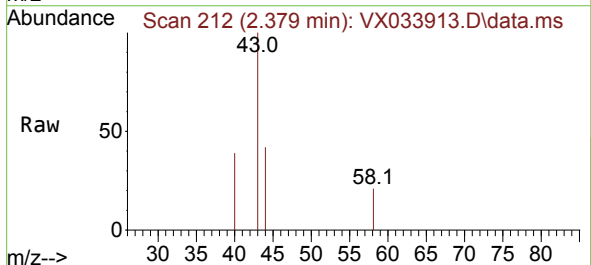
Instrument :
MSVOA_X
ClientSampleId :
22-MW-01S

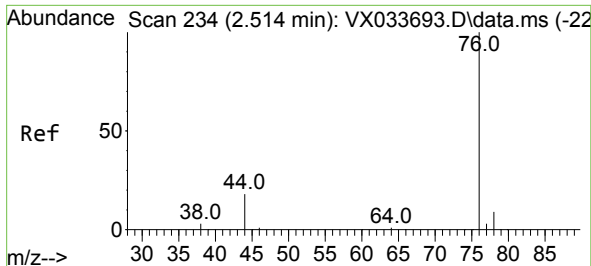
Tgt Ion:168 Resp: 161077
Ion Ratio Lower Upper
168 100
99 48.2 39.6 59.4



#16
Acetone
Concen: Below Cal
RT: 2.379 min Scan# 212
Delta R.T. -0.019 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 20.6 22.6 33.8#





#17

Carbon Disulfide

Concen: 1.858 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033913.D

Acq: 26 Jan 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :

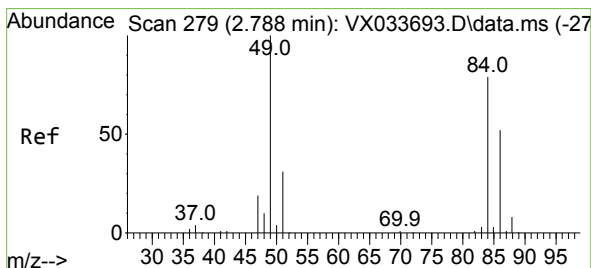
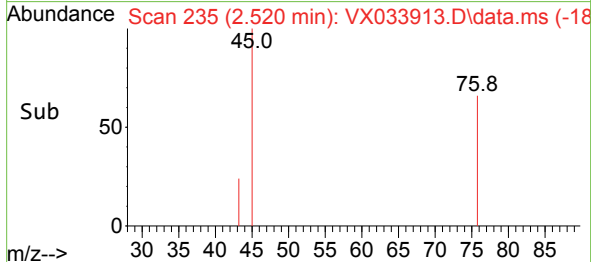
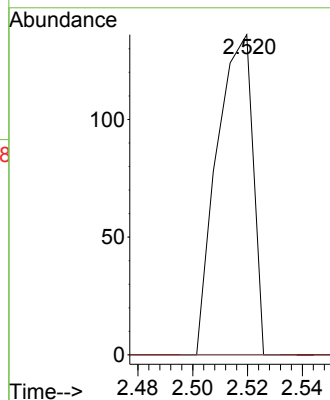
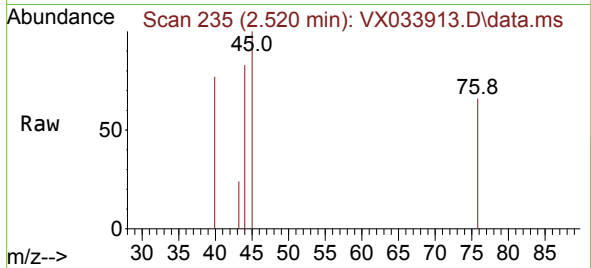
22-MW-01S

Tgt Ion: 76 Resp: 124

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX033913.D

Acq: 26 Jan 2023 16:42

Tgt Ion: 84 Resp: 180

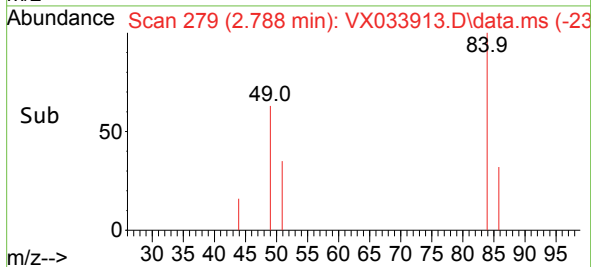
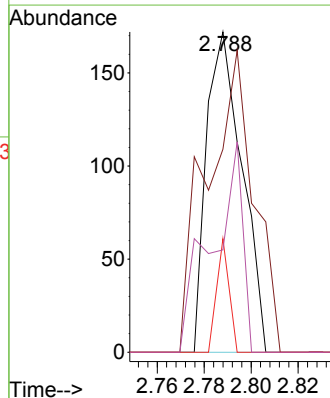
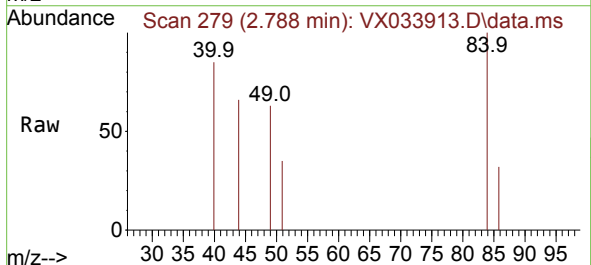
Ion Ratio Lower Upper

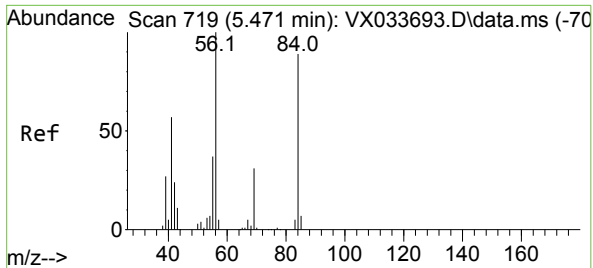
84 100

49 63.4 101.1 151.7#

51 35.5 31.0 46.6

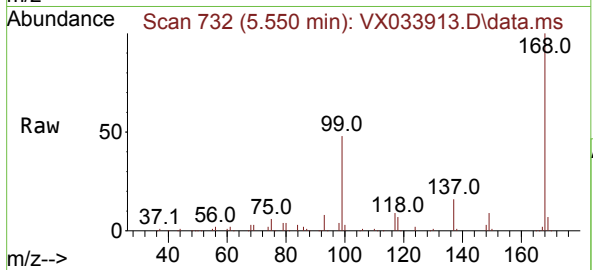
86 32.0 52.6 79.0#



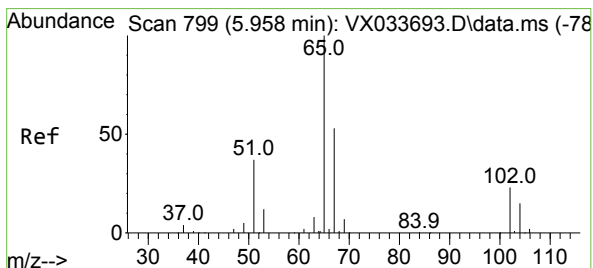
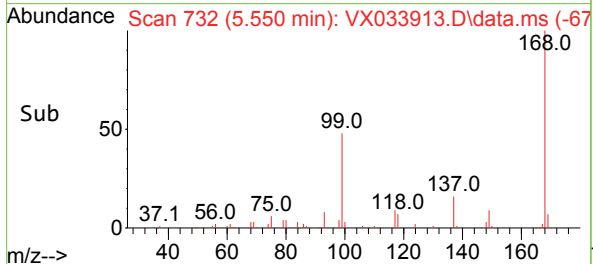
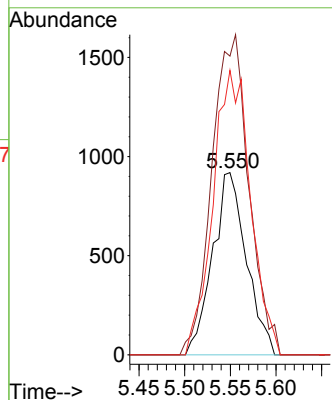


#31
Cyclohexane
Concen: 0.947 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

Instrument :
MSVOA_X
ClientSampleId :
22-MW-01S

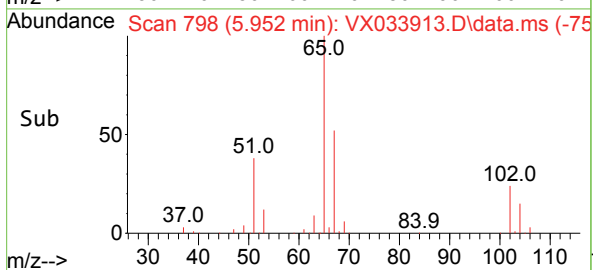
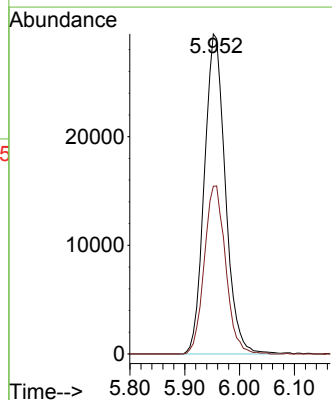
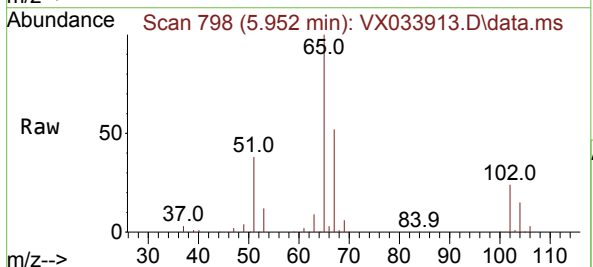


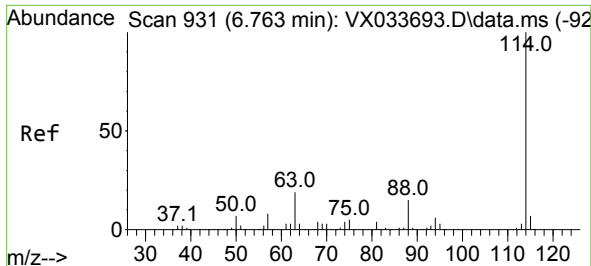
Tgt Ion: 56 Resp: 2363
Ion Ratio Lower Upper
56 100
69 164.0 24.6 37.0#
84 156.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.191 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

Tgt Ion: 65 Resp: 78340
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.8

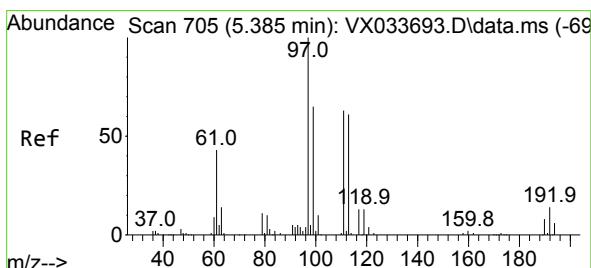
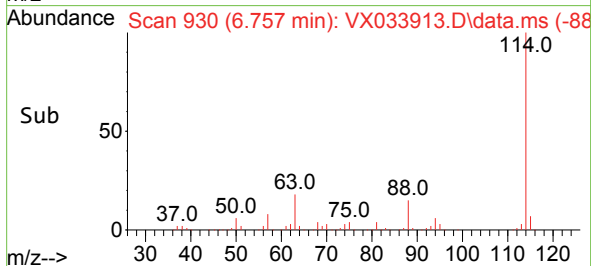
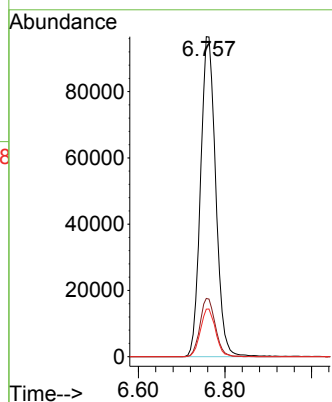
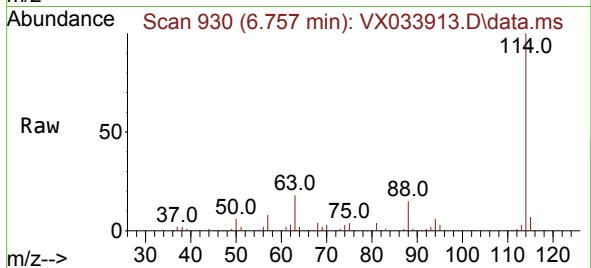




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

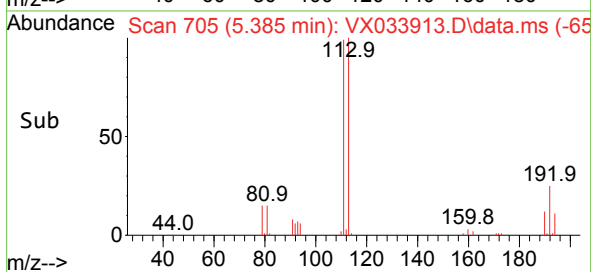
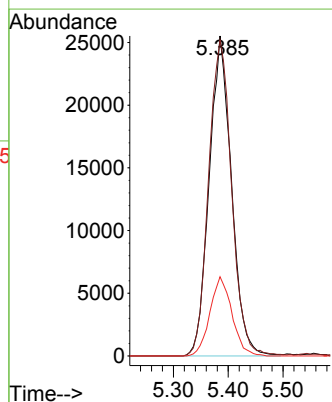
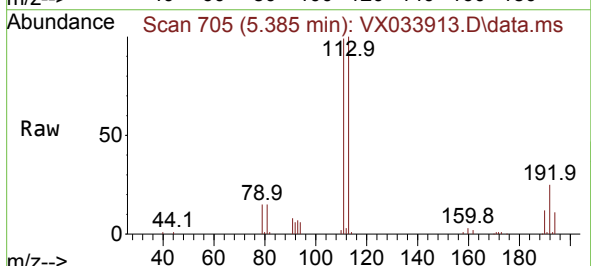
Instrument :
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ClientSampleId :
22-MW-01S

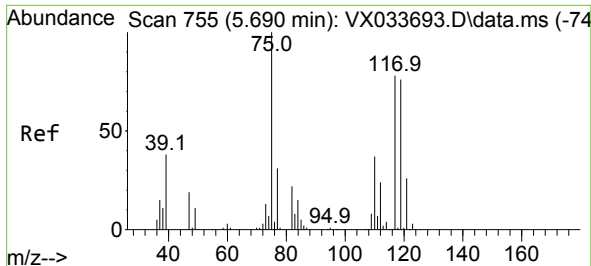
Tgt Ion:114 Resp: 234440
Ion Ratio Lower Upper
114 100
63 18.2 0.0 37.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.373 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

Tgt Ion:113 Resp: 71874
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 24.5 19.0 28.4

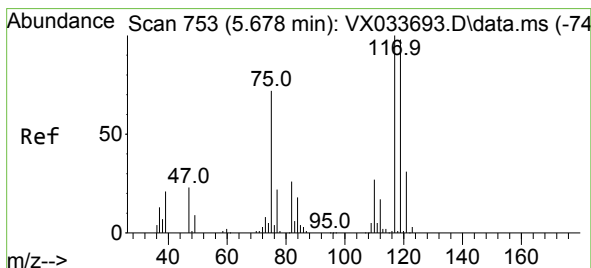
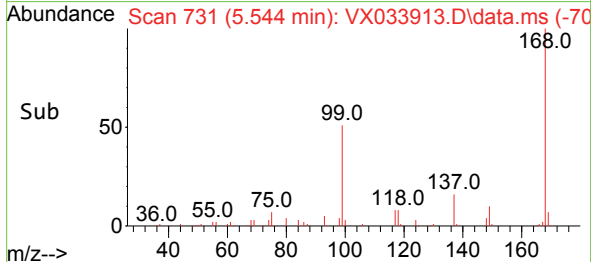
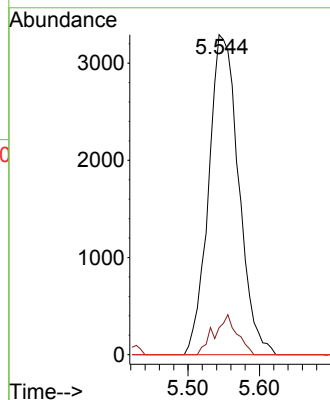
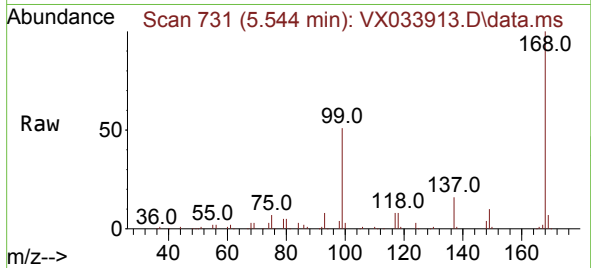




#36
1,1-Dichloropropene
Concen: 4.524 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

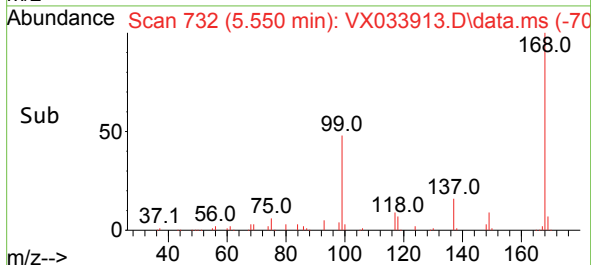
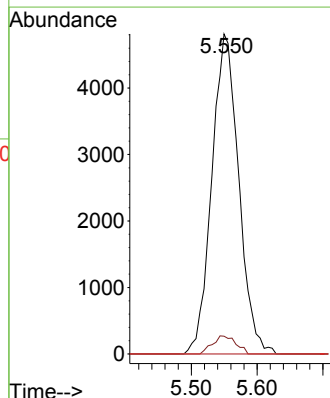
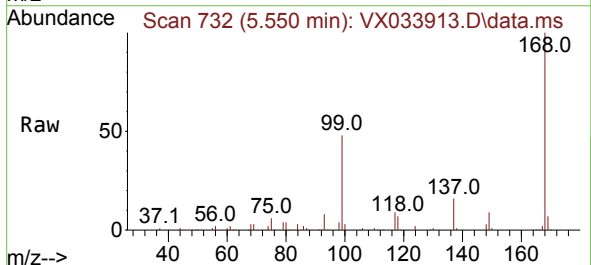
Instrument :
MSVOA_X
ClientSampleId :
22-MW-01S

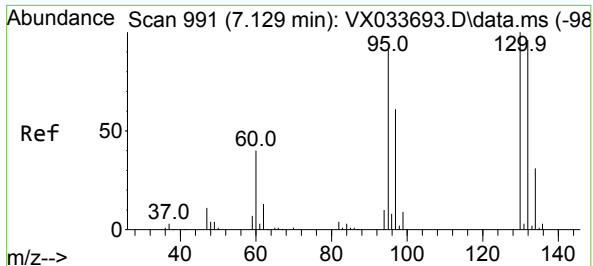
Tgt Ion: 75 Resp: 9612
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.229 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

Tgt Ion: 117 Resp: 13706
Ion Ratio Lower Upper
117 100
119 5.5 78.0 117.0#
121 0.0 24.4 36.6#

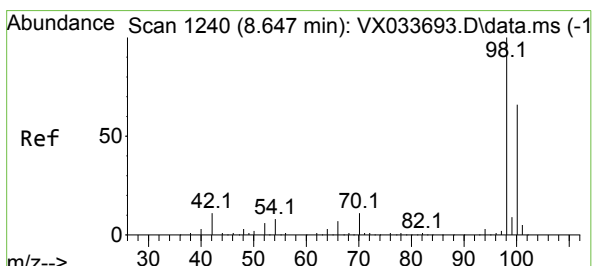
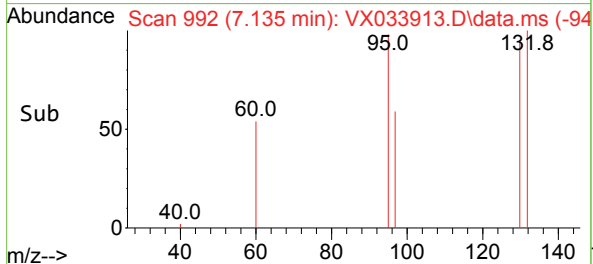
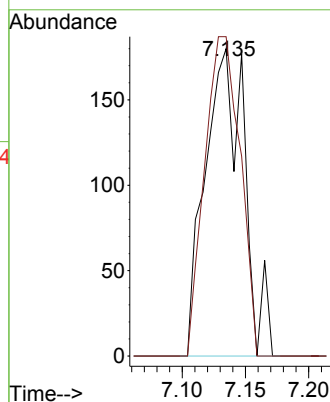
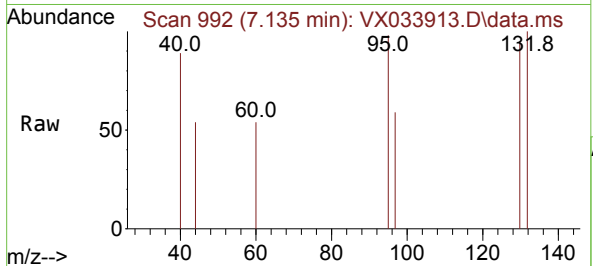




#44
Trichloroethene
Concen: 0.224 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

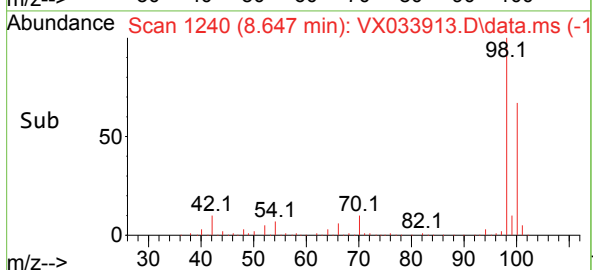
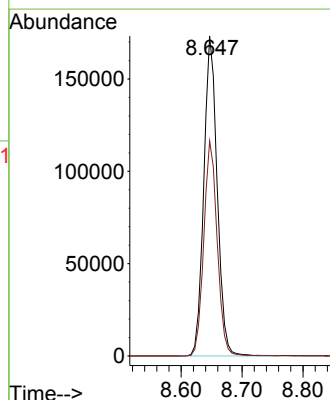
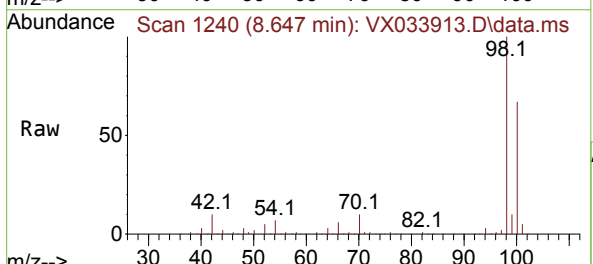
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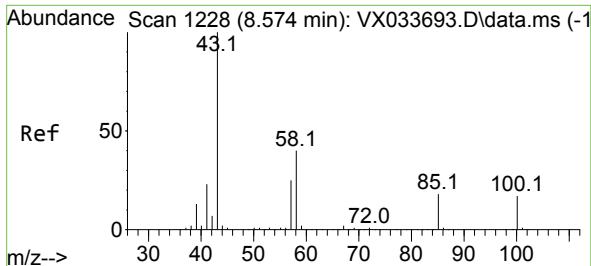
Tgt Ion:130 Resp: 388
Ion Ratio Lower Upper
130 100
95 103.9 0.0 182.6



#50
Toluene-d8
Concen: 49.995 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

Tgt Ion: 98 Resp: 265176
Ion Ratio Lower Upper
98 100
100 67.2 53.6 80.4

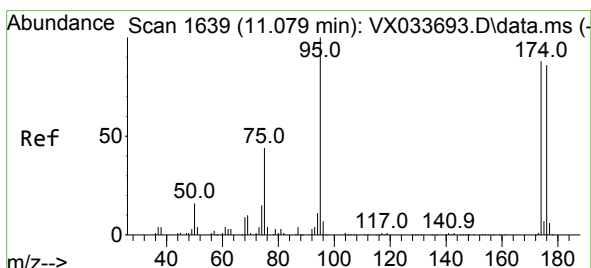
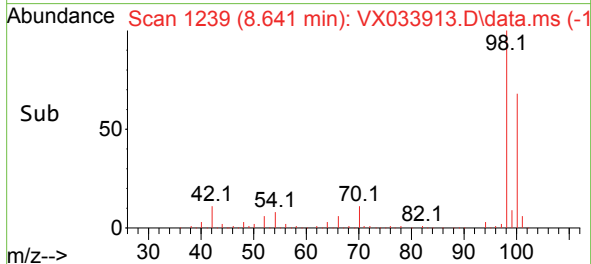
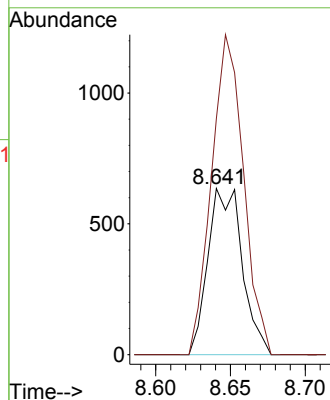
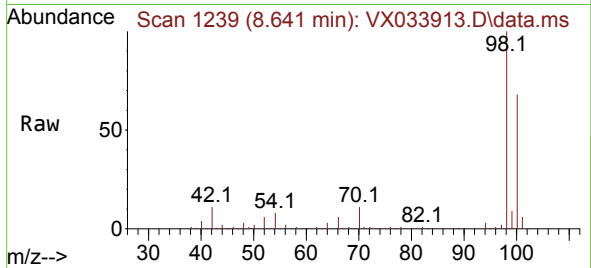




#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

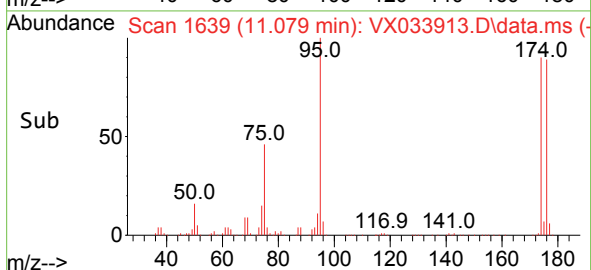
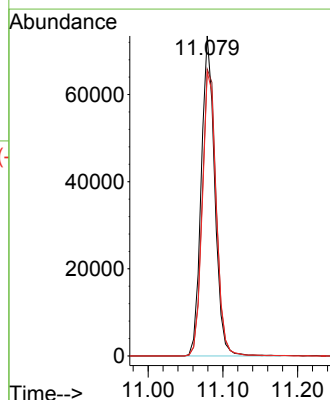
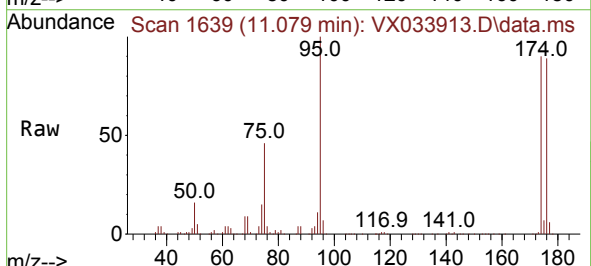
Instrument :
MSVOA_X
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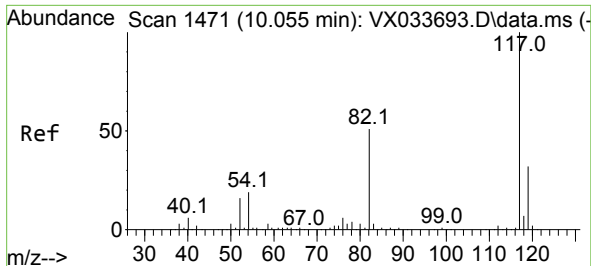
Tgt Ion: 43 Resp: 1011
Ion Ratio Lower Upper
43 100
58 180.2 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

Tgt Ion: 95 Resp: 91856
Ion Ratio Lower Upper
95 100
174 93.7 0.0 184.4
176 91.8 0.0 178.8

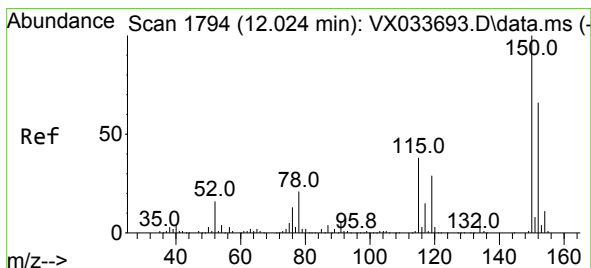
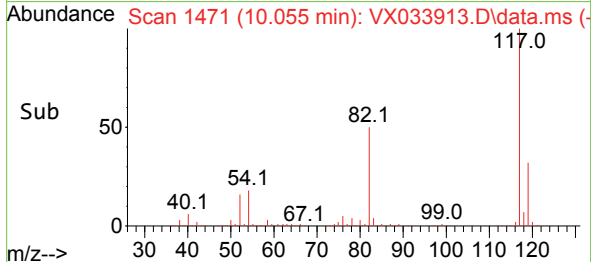
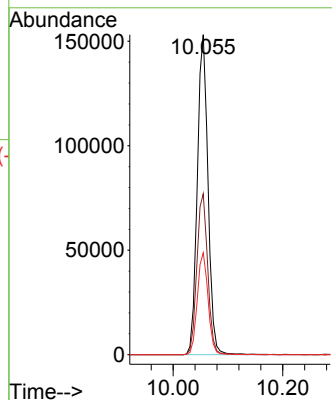
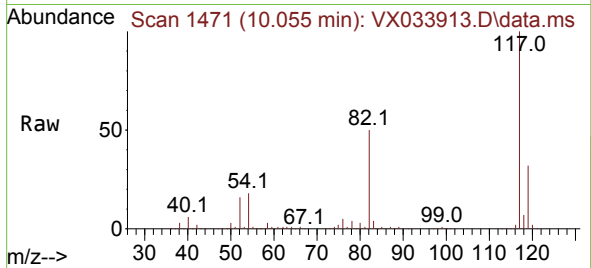




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

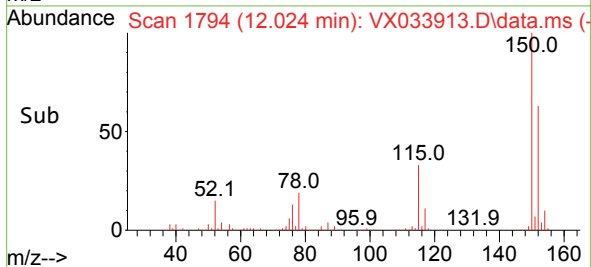
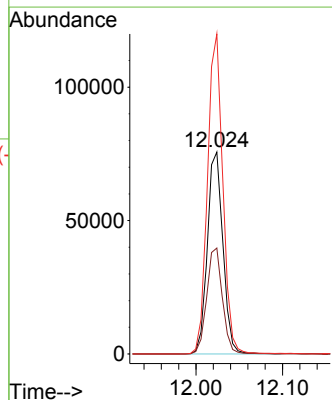
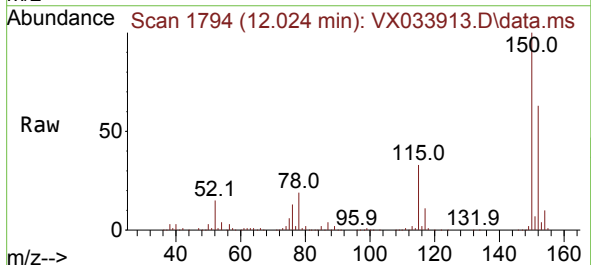
Instrument :
MSVOA_X
ClientSampleId :
22-MW-01S

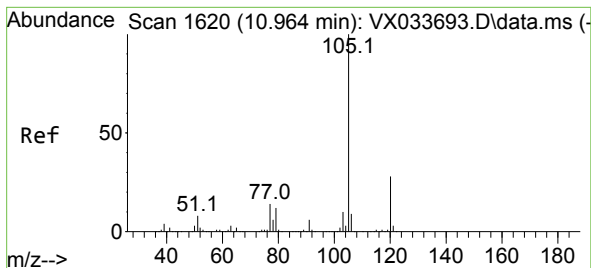
Tgt Ion:117 Resp: 208738
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

Tgt Ion:152 Resp: 94677
Ion Ratio Lower Upper
152 100
115 52.8 38.7 116.1
150 155.7 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.085 min Scan# 1640

Delta R.T. 0.121 min

Lab File: VX033913.D

Acq: 26 Jan 2023 16:42

Instrument :

MSVOA_X

ClientSampleId :

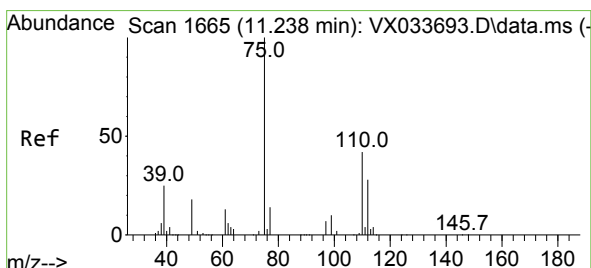
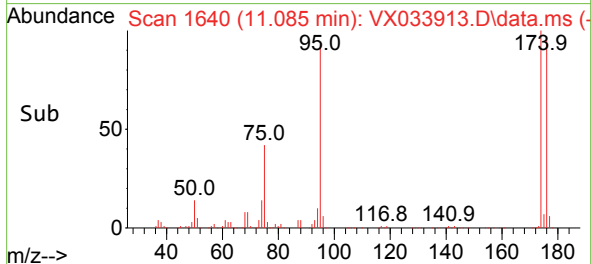
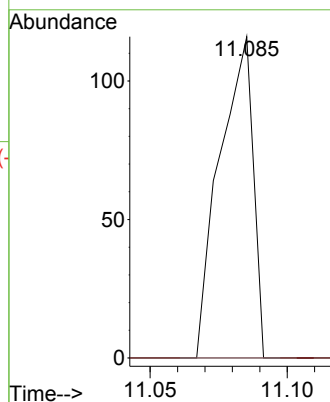
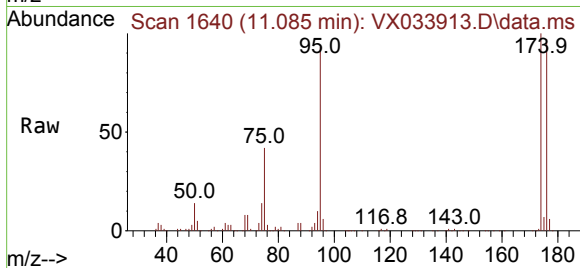
22-MW-01S

Tgt Ion:105 Resp: 98

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#76

1,2,3-Trichloropropane

Concen: 24.332 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX033913.D

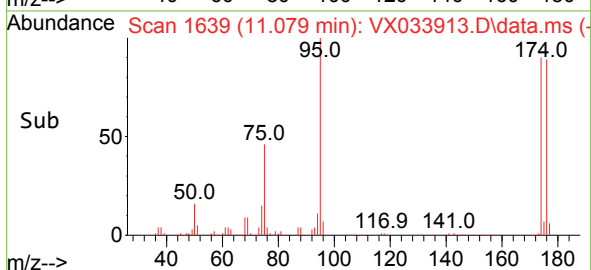
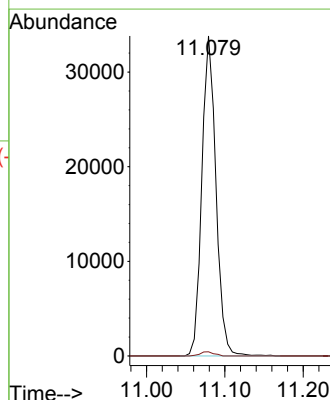
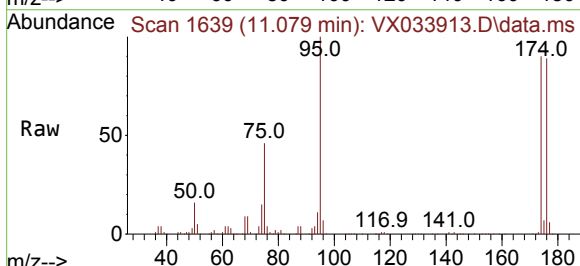
Acq: 26 Jan 2023 16:42

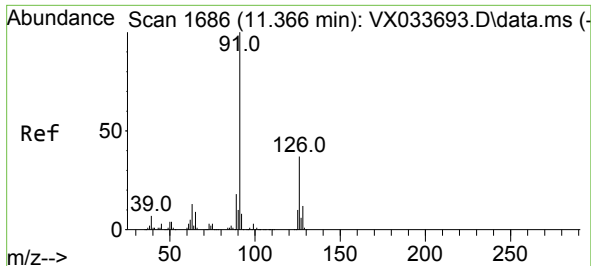
Tgt Ion: 75 Resp: 42326

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.4#

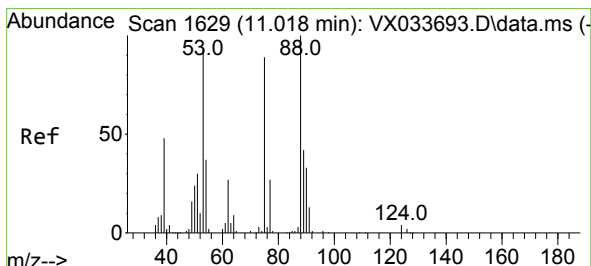
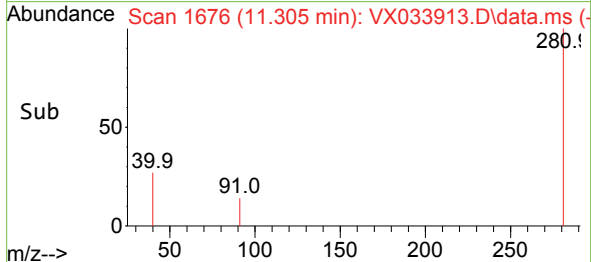
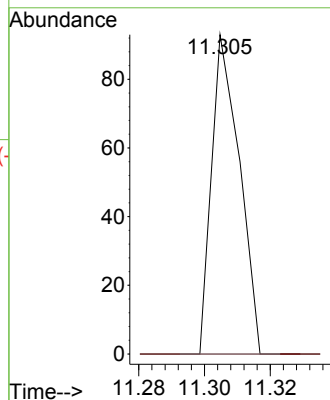
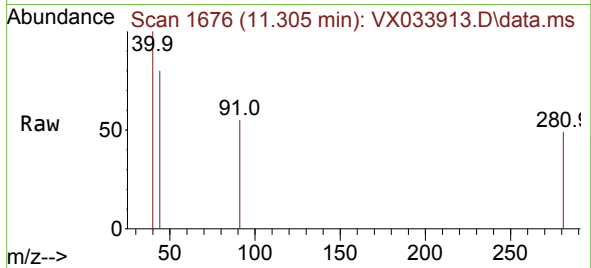




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

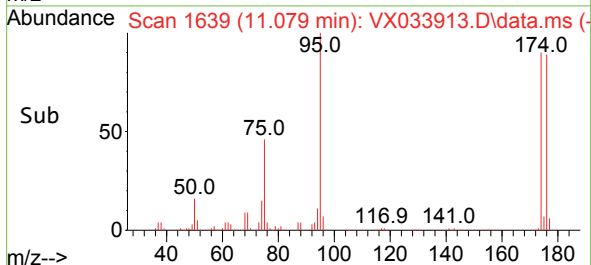
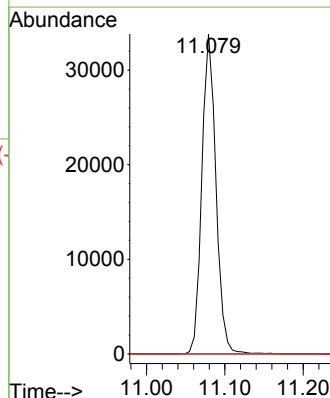
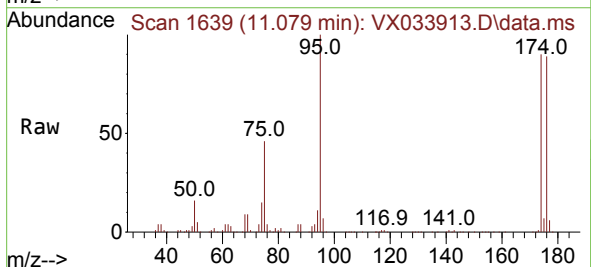
Instrument :
MSVOA_X
ClientSampleId :
22-MW-01S

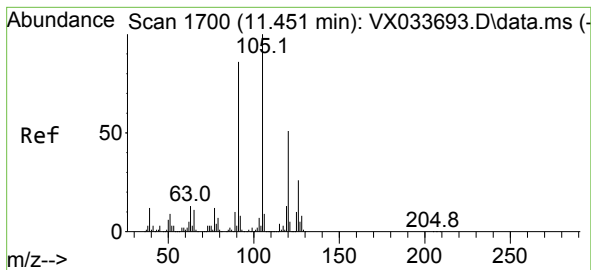
Tgt Ion: 91 Resp: 55
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033913.D
Acq: 26 Jan 2023 16:42

Tgt Ion: 75 Resp: 42326
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.305 min Scan# 1
 Delta R.T. -0.146 min
 Lab File: VX033913.D
 Acq: 26 Jan 2023 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 22-MW-01S

Tgt Ion: 91 Resp: 55
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

