

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036234.D
 Acq On : 20 Jun 2023 11:46
 Operator : JC/MD
 Sample : 03311-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1646

Quant Time: Jun 21 01:59:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

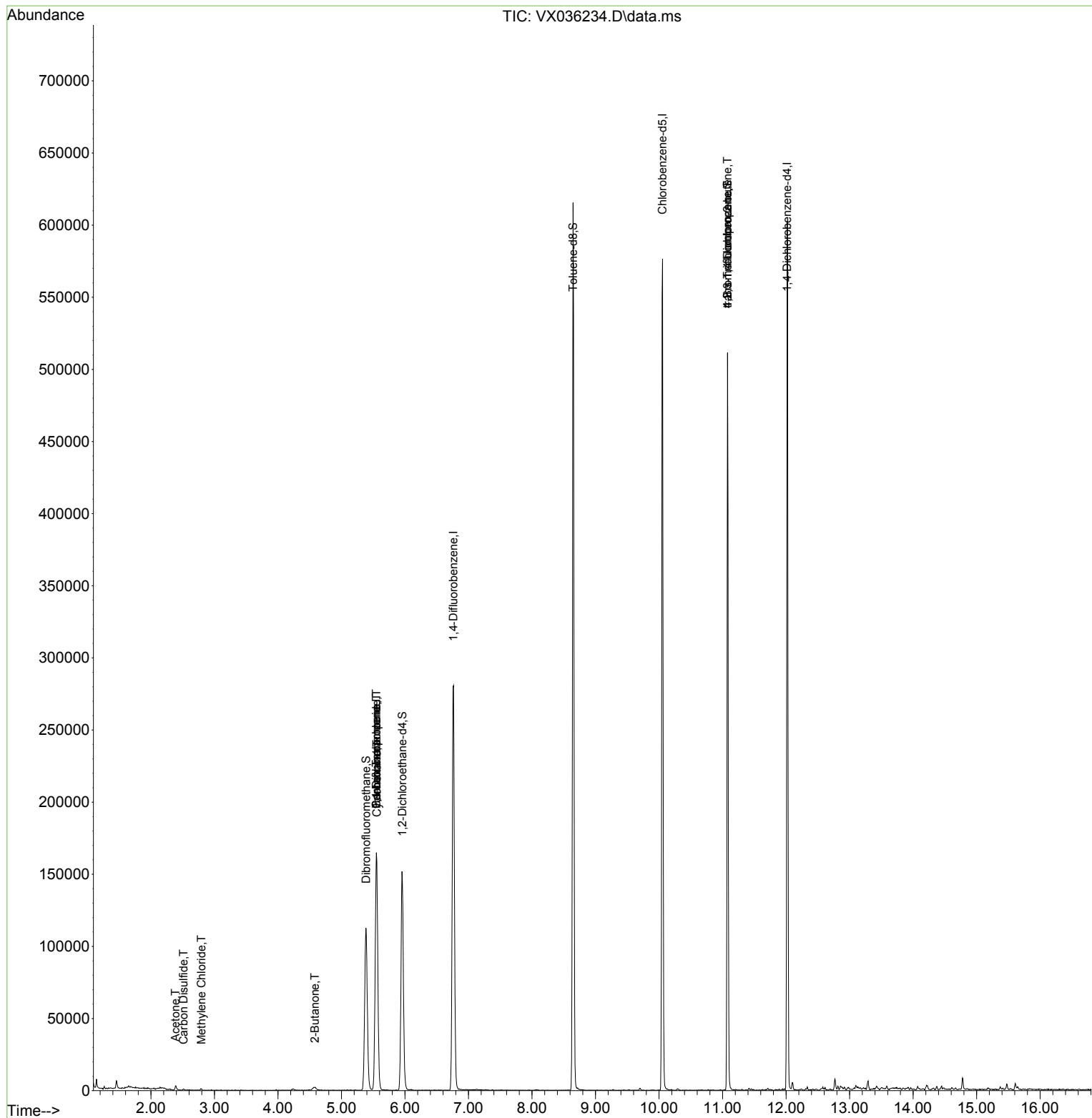
Internal Standards						
1) Pentafluorobenzene	5.550	168	138153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	267128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150416	59.579	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 119.160%#		
35) Dibromofluoromethane	5.385	113	96642	53.351	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.700%		
50) Toluene-d8	8.647	98	337050	50.867	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.740%		
62) 4-Bromofluorobenzene	11.079	95	129972	48.593	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.180%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	3404	3.245	ug/l	94
17) Carbon Disulfide	2.514	76	867	0.235	ug/l #	76
20) Methylene Chloride	2.794	84	424	0.223	ug/l #	78
25) 2-Butanone	4.580	43	998	0.680	ug/l #	51
31) Cyclohexane	5.556	56	3751	1.385	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	13791	5.168	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16589	6.395	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	74169	28.196	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	74169	98.693	ug/l #	5

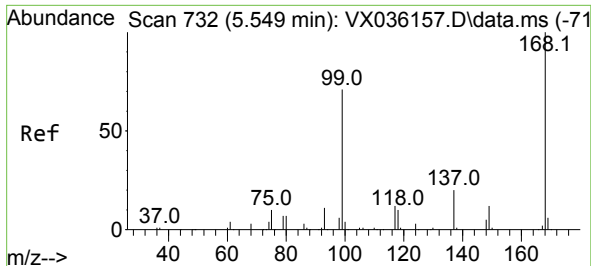
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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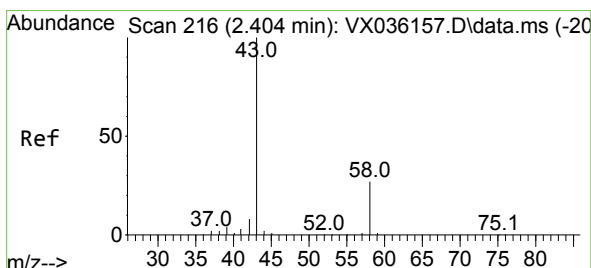
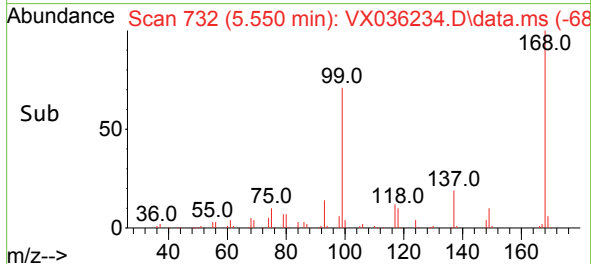
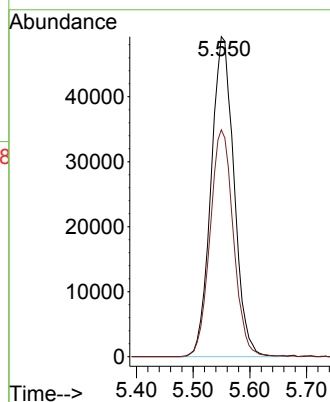
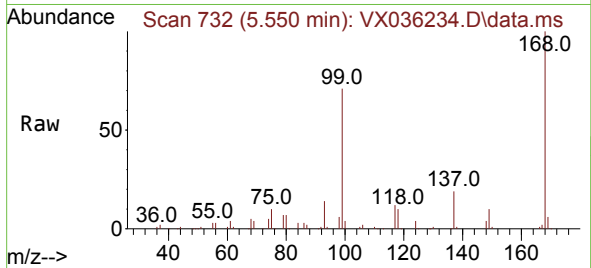




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

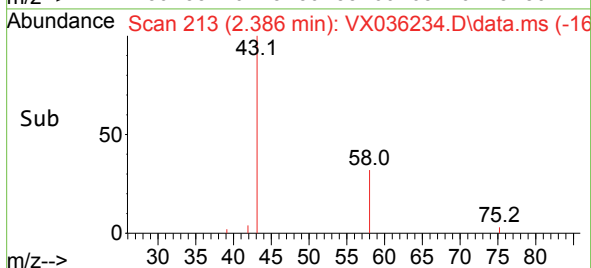
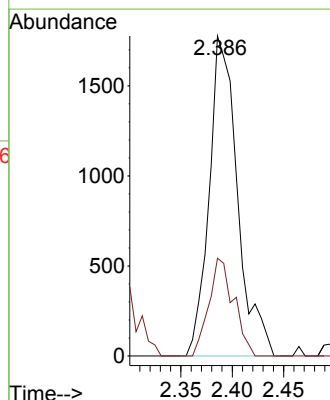
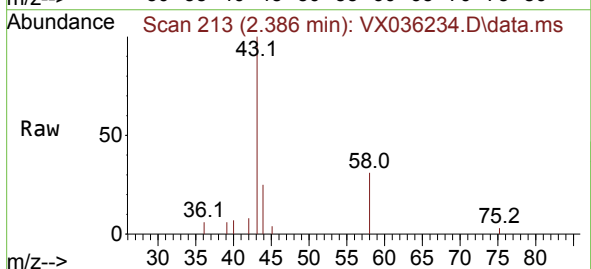
Instrument :
MSVOA_X
ClientSampleId :
1646

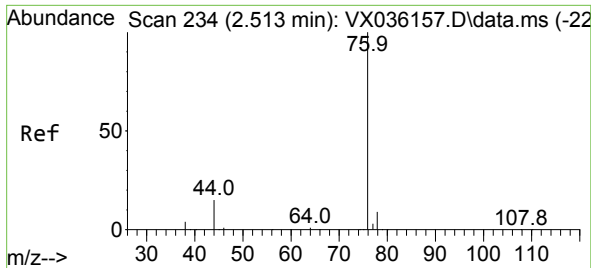
Tgt Ion:168 Resp: 138153
Ion Ratio Lower Upper
168 100
99 70.9 56.6 85.0



#16
Acetone
Concen: 3.245 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

Tgt Ion: 43 Resp: 3404
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9





#17

Carbon Disulfide

Concen: 0.235 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX036234.D

Acq: 20 Jun 2023 11:46

Instrument :

MSVOA_X

ClientSampleId :

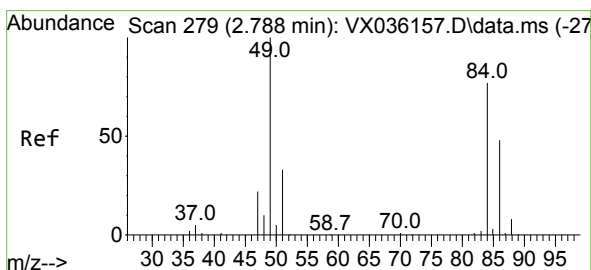
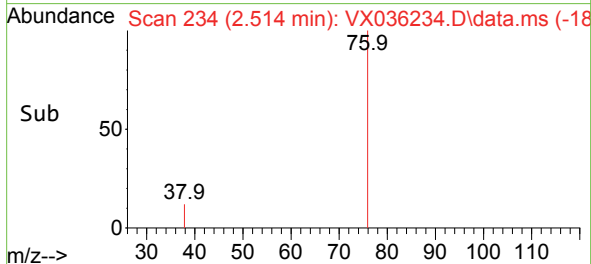
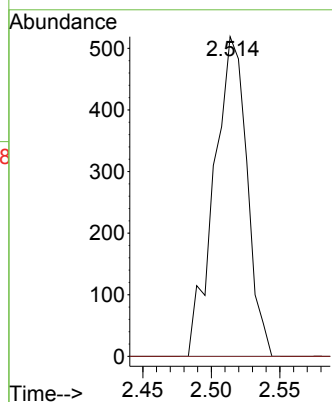
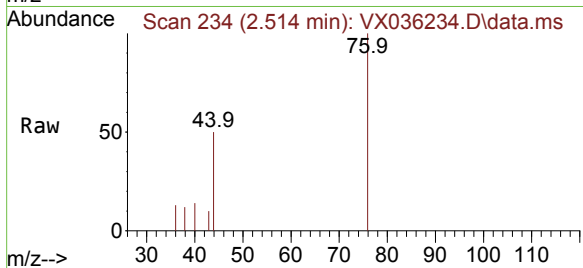
1646

Tgt Ion: 76 Resp: 867

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.223 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX036234.D

Acq: 20 Jun 2023 11:46

Tgt Ion: 84 Resp: 424

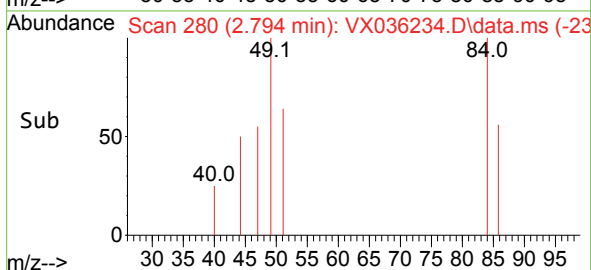
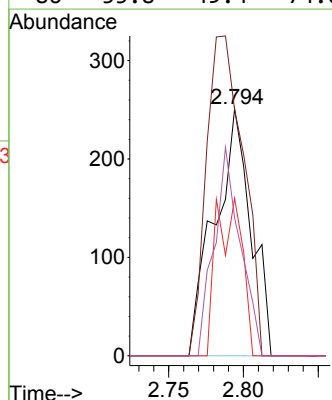
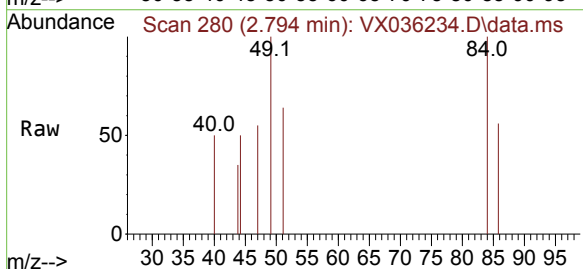
Ion Ratio Lower Upper

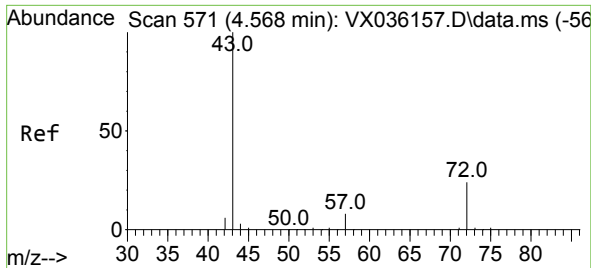
84 100

49 99.6 103.6 155.4#

51 63.7 33.8 50.6#

86 55.8 49.4 74.0

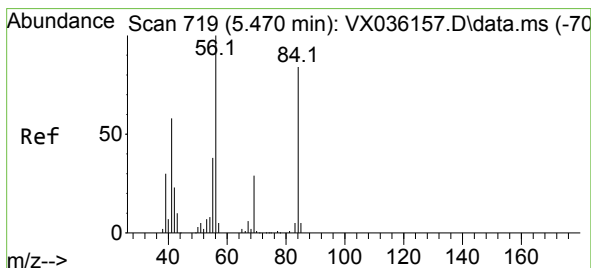
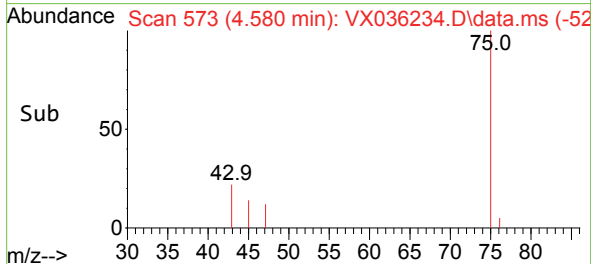
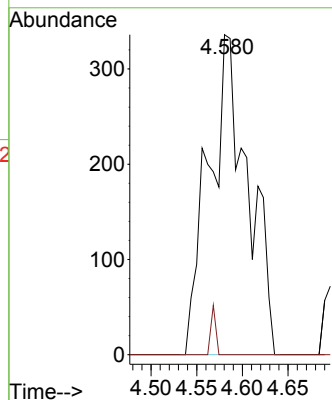
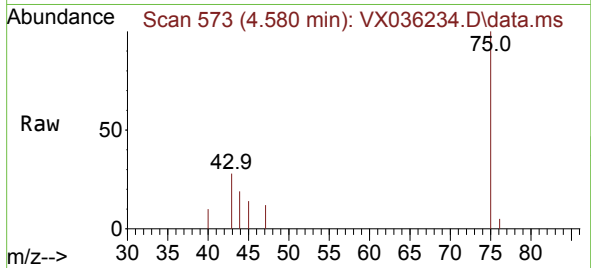




#25
2-Butanone
Concen: 0.680 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

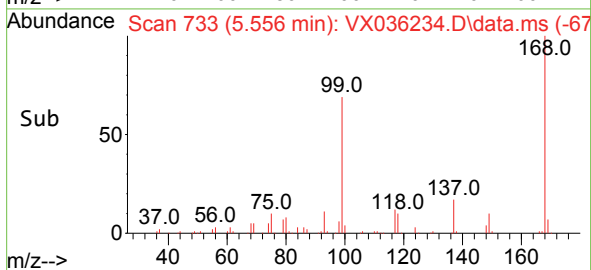
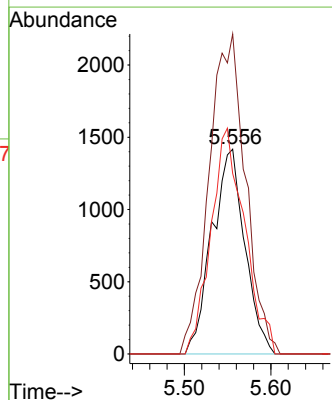
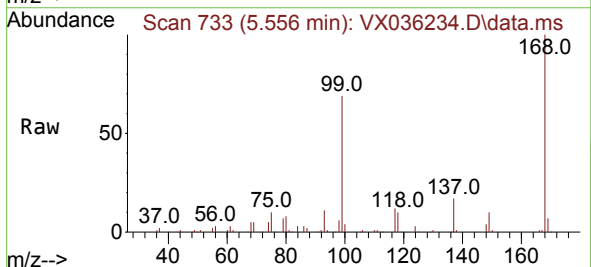
Instrument :
MSVOA_X
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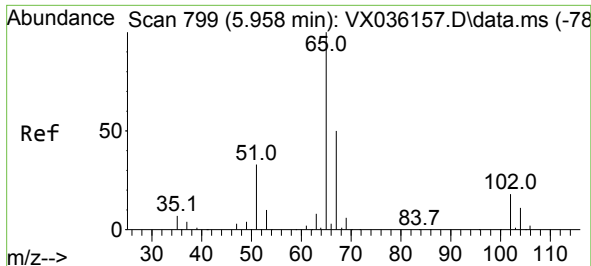
Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.385 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

Tgt Ion: 56 Resp: 3751
Ion Ratio Lower Upper
56 100
69 156.2 23.4 35.2#
84 88.2 65.9 98.9

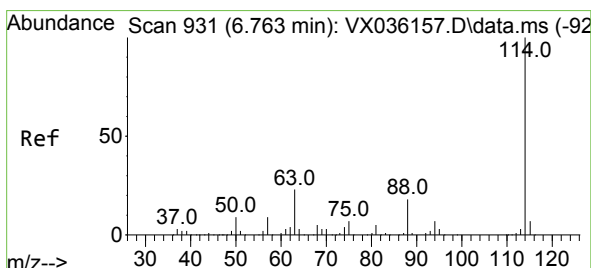
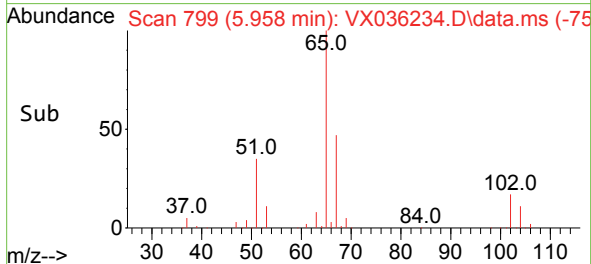
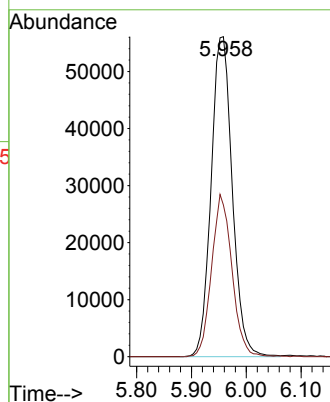
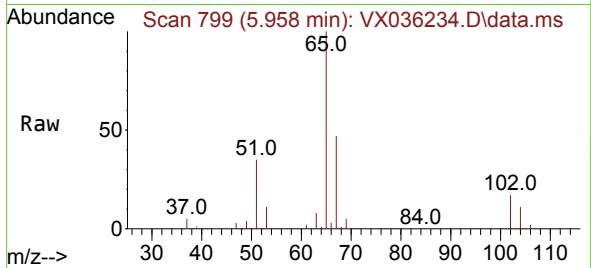




#33
 1,2-Dichloroethane-d4
 Concen: 59.579 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036234.D
 Acq: 20 Jun 2023 11:46

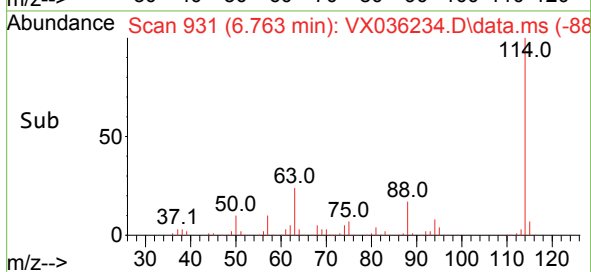
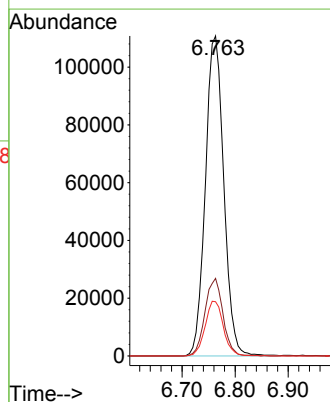
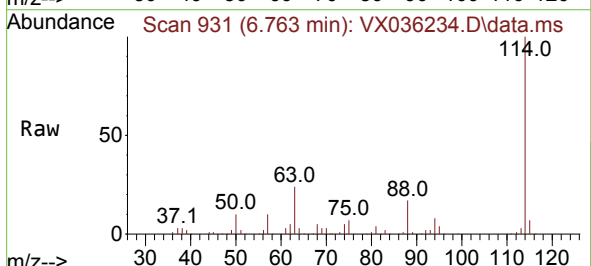
Instrument :
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 ClientSampleId :
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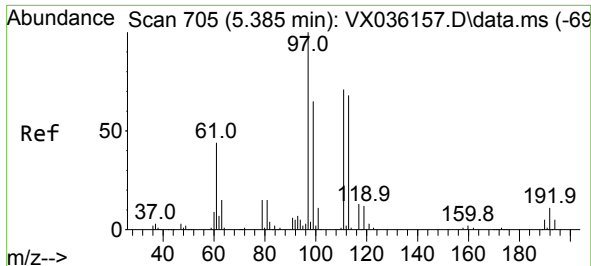
Tgt Ion: 65 Resp: 150416
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036234.D
 Acq: 20 Jun 2023 11:46

Tgt Ion: 114 Resp: 267128
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 45.0
 88 16.9 0.0 36.6

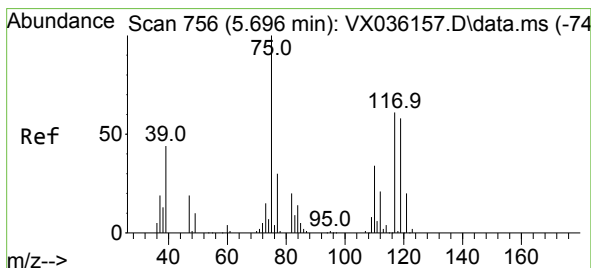
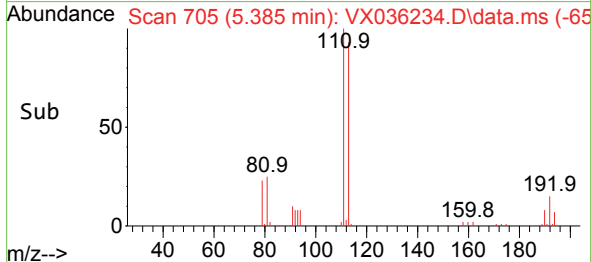
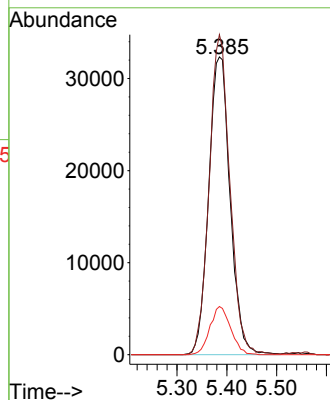
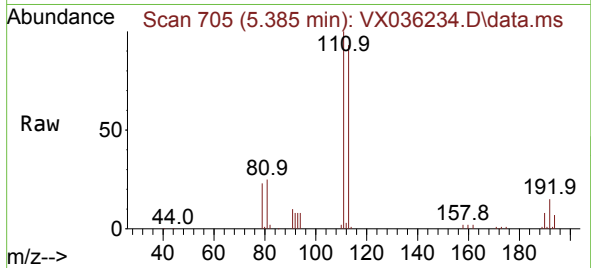




#35
Dibromofluoromethane
Concen: 53.351 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

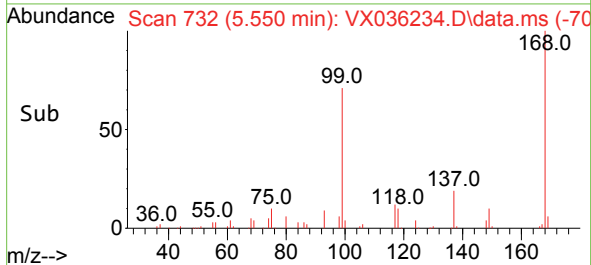
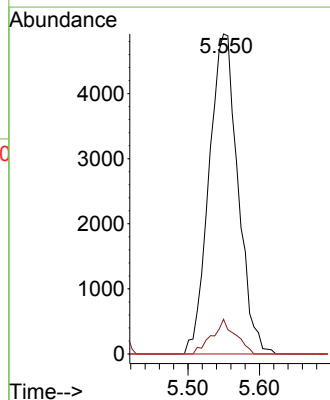
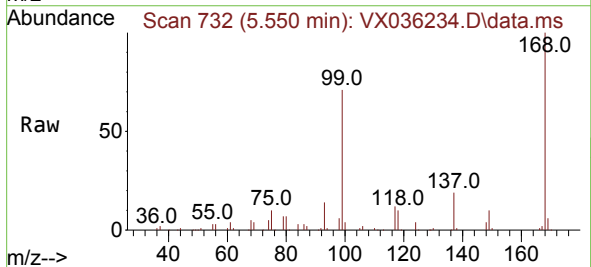
Instrument :
MSVOA_X
ClientSampleId :
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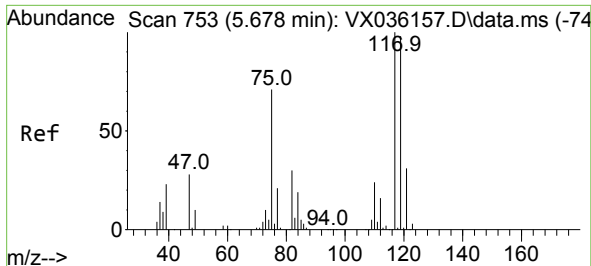
Tgt Ion:113 Resp: 96642
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 15.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.168 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

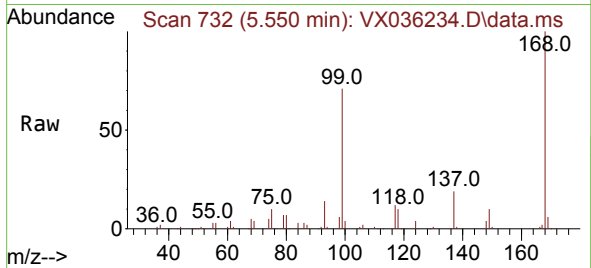
Tgt Ion: 75 Resp: 13791
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



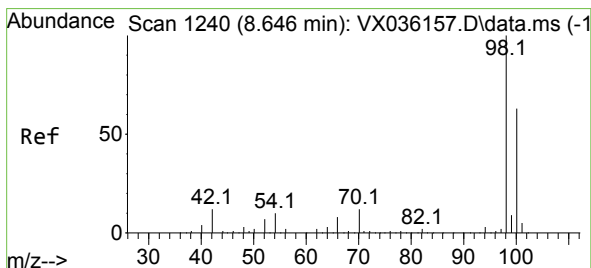
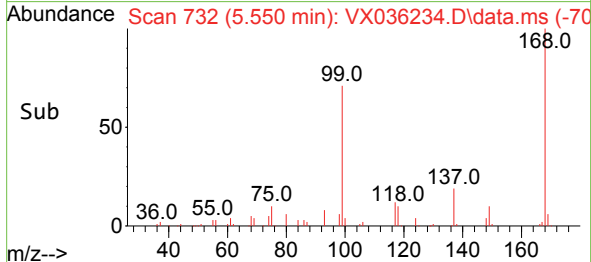
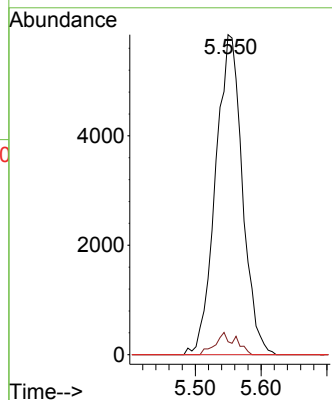


#38
Carbon Tetrachloride
Concen: 6.395 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

Instrument :
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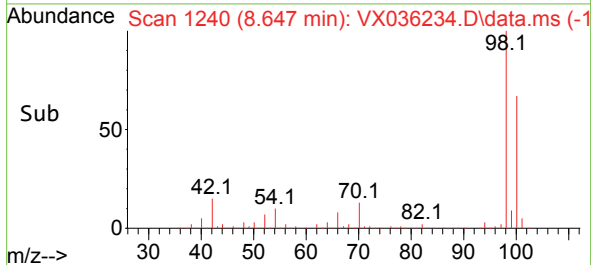
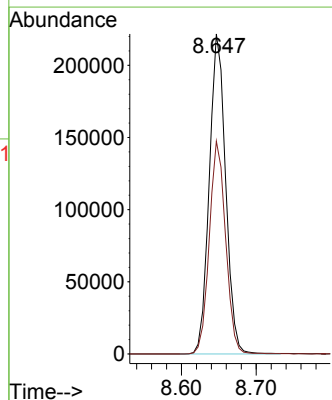
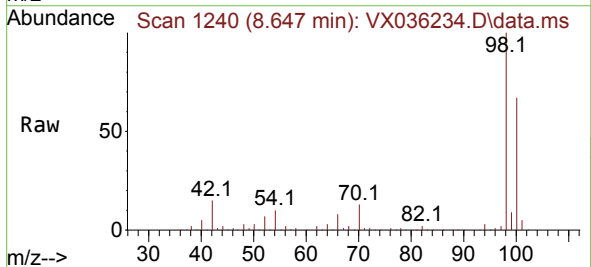


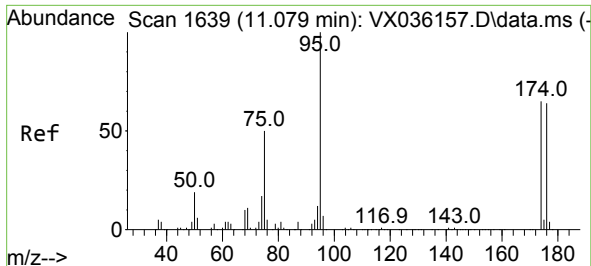
Tgt Ion:117 Resp: 16589
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.867 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

Tgt Ion: 98 Resp: 337050
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

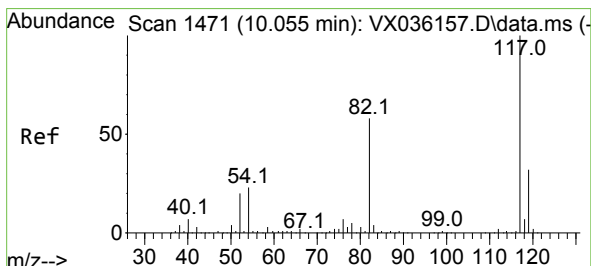
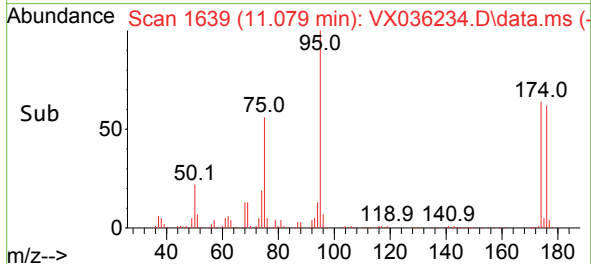
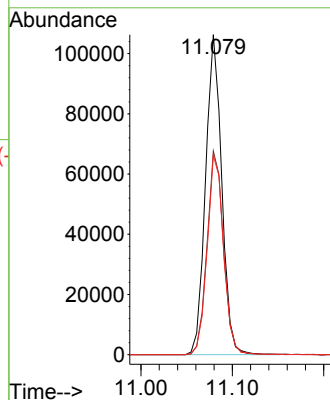
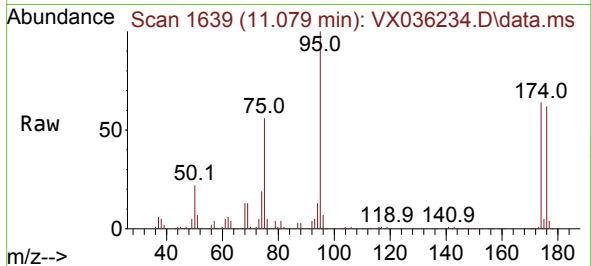




#62
4-Bromofluorobenzene
Concen: 48.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

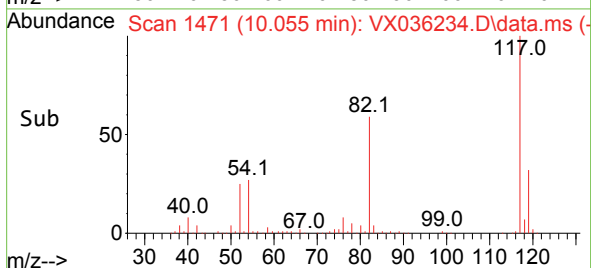
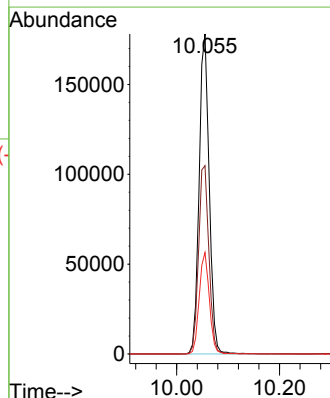
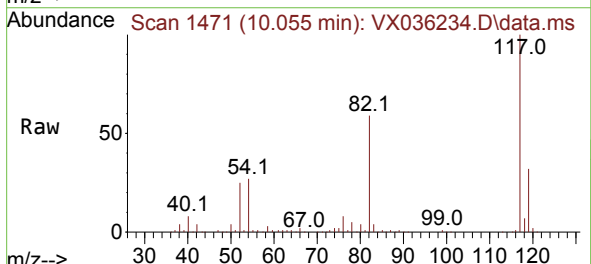
Instrument :
MSVOA_X
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1646

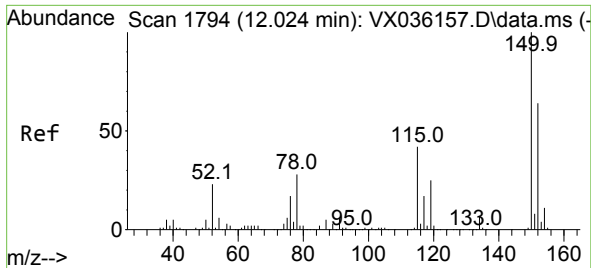
Tgt Ion: 95 Resp: 129972
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.6
176 63.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036234.D
Acq: 20 Jun 2023 11:46

Tgt Ion: 117 Resp: 242500
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.7 25.5 38.3

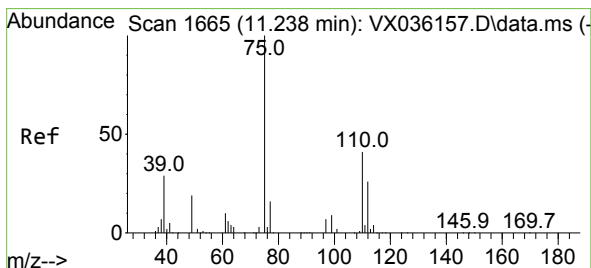
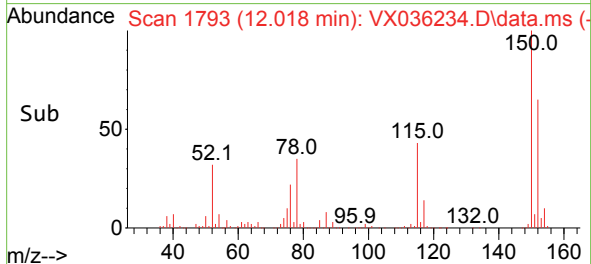
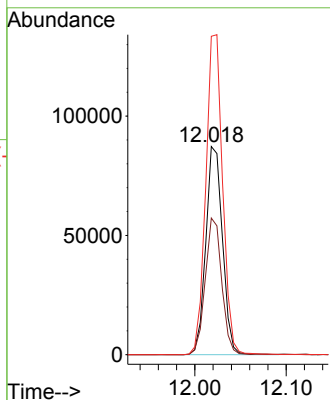
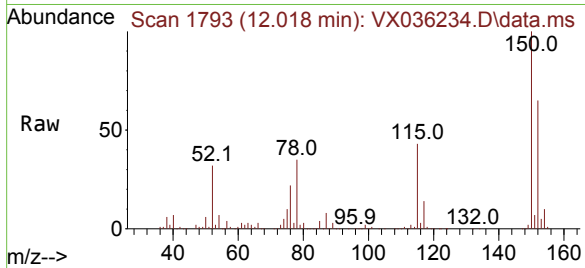




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VX036234.D
 Acq: 20 Jun 2023 11:46

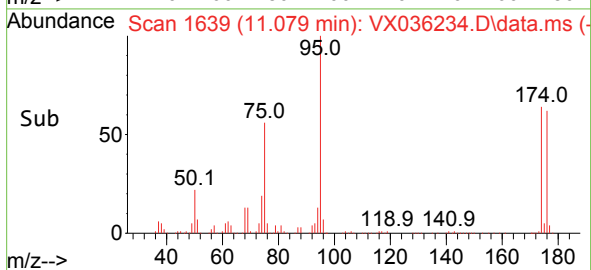
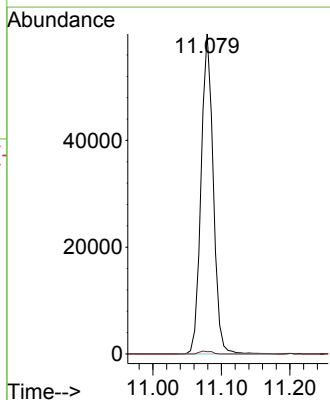
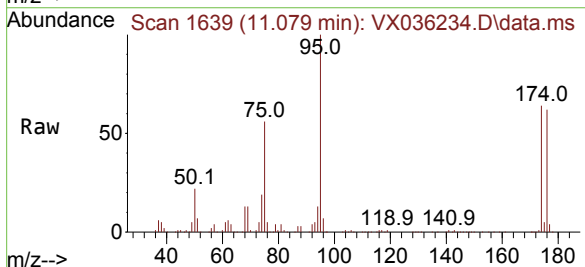
Instrument :
 MSVOA_X
 ClientSampleId :
 1646

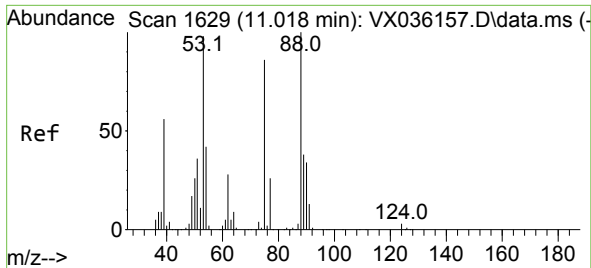
Tgt Ion:152 Resp: 110836
 Ion Ratio Lower Upper
 152 100
 115 64.9 43.3 129.9
 150 155.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 28.196 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036234.D
 Acq: 20 Jun 2023 11:46

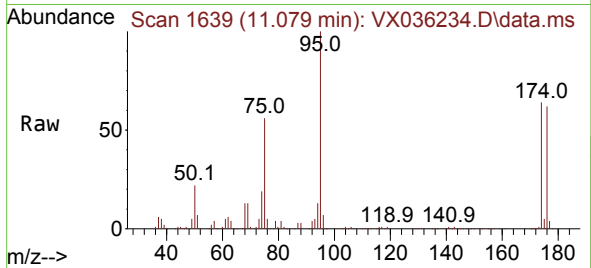
Tgt Ion: 75 Resp: 74169
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.693 ug/l
 RT: 11.079 min Scan# 1646
 Delta R.T. 0.061 min
 Lab File: VX036234.D
 Acq: 20 Jun 2023 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 1646



Tgt Ion: 75 Resp: 74169
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

