

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036915.D
 Acq On : 10 Aug 2023 16:06
 Operator : JC/MD
 Sample : 03955-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 01:47:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

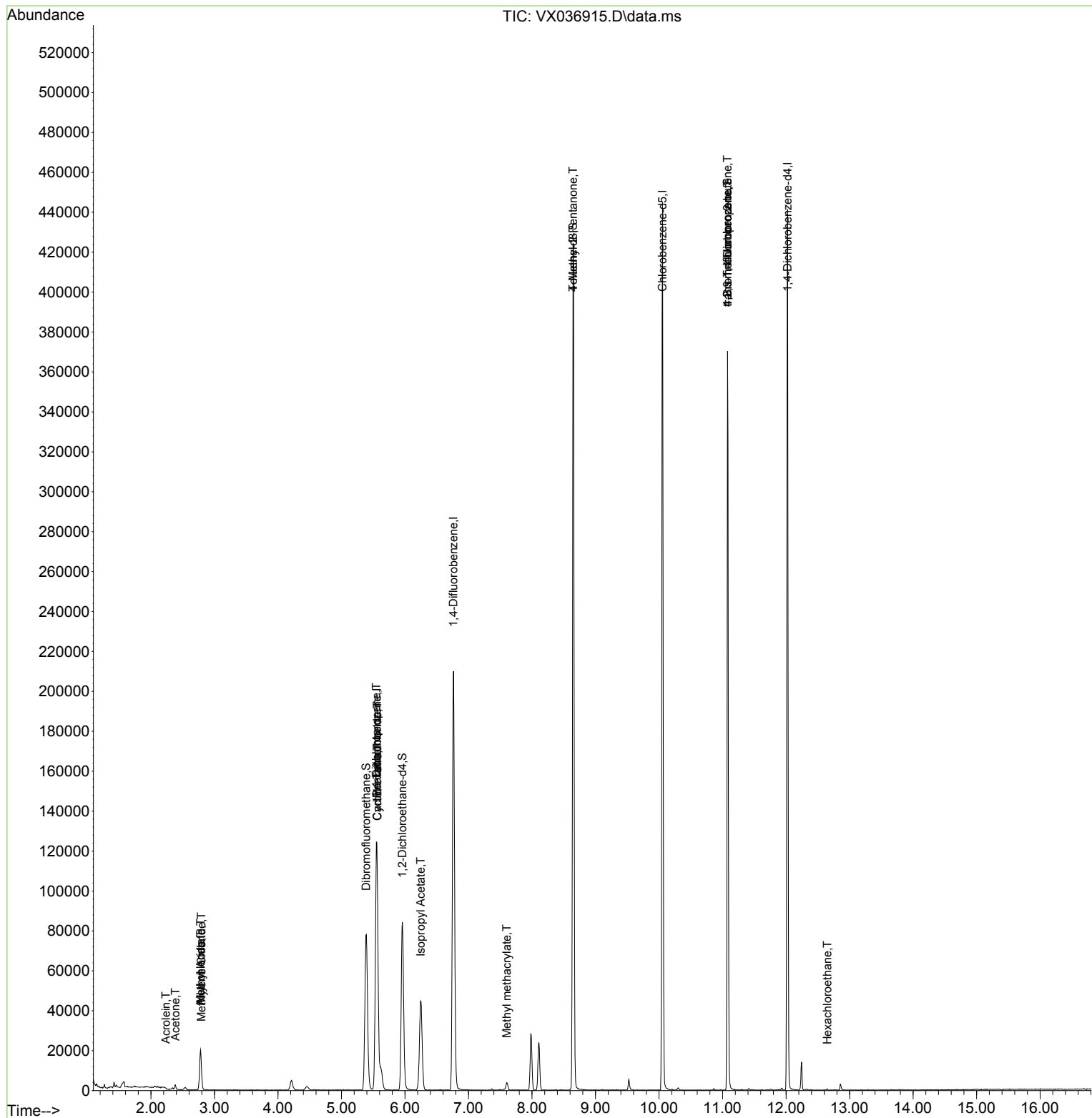
Internal Standards						
1) Pentafluorobenzene	5.556	168	117447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83329	47.951	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.900%		
35) Dibromofluoromethane	5.385	113	70133	47.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.840%		
50) Toluene-d8	8.647	98	259285	49.435	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.880%		
62) 4-Bromofluorobenzene	11.079	95	99959	50.514	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.020%		
Target Compounds					Qvalue	
13) Acrolein	2.233	56	95	0.405	ug/l	92
14) Allyl chloride	2.782	41	5836	2.254	ug/l #	67
16) Acetone	2.386	43	2487	3.449	ug/l	100
18) Methyl Acetate	2.782	43	13326	4.393	ug/l #	53
20) Methylene Chloride	2.794	84	369	0.230	ug/l #	62
31) Cyclohexane	5.562	56	2589	1.076	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	9323	4.229	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12423	5.301	ug/l #	15
43) Isopropyl Acetate	6.245	43	10572	2.461	ug/l #	62
48) Methyl methacrylate	7.604	41	1322	0.662	ug/l #	31
51) 4-Methyl-2-Pentanone	8.647	43	1165	0.490	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52663	24.137	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52663	54.707	ug/l #	5
90) Hexachloroethane	12.652	117	369	0.281	ug/l #	17

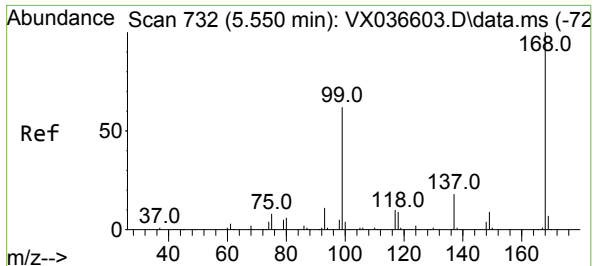
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 11 01:47:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

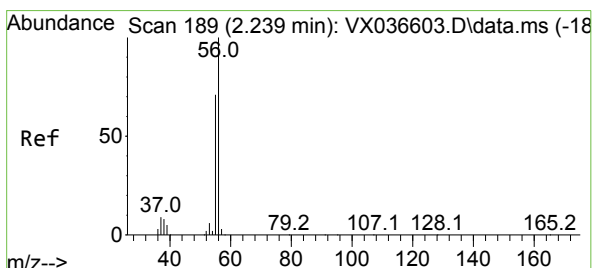
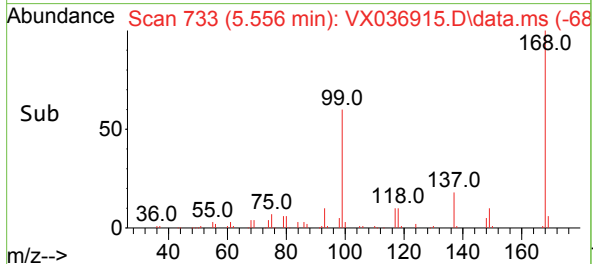
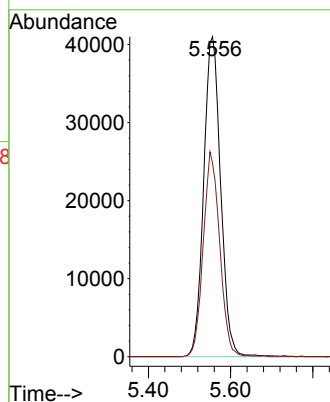
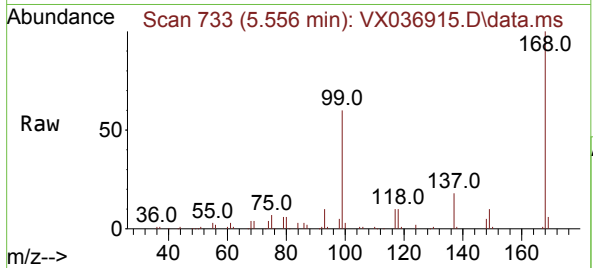




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

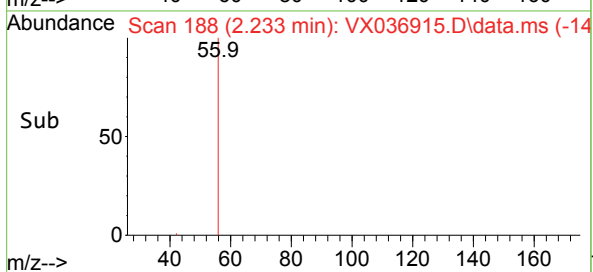
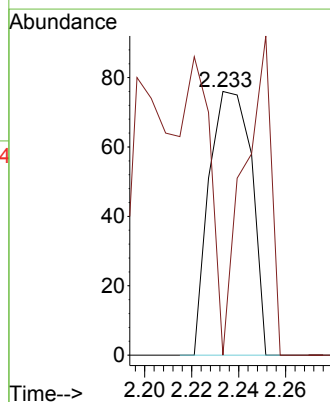
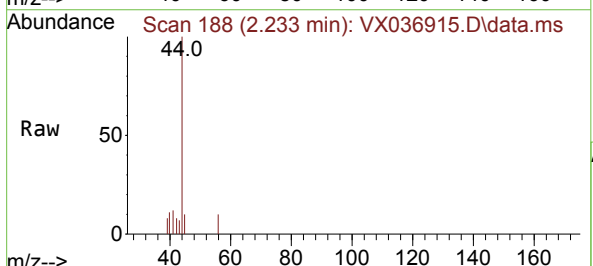
Instrument :
MSVOA_X
ClientSampleId :

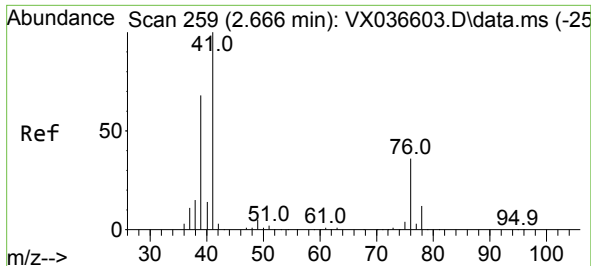
Tgt Ion:168 Resp: 117447
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#13
Acrolein
Concen: 0.405 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

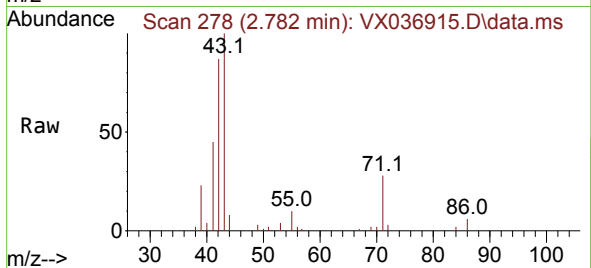
Tgt Ion: 56 Resp: 95
Ion Ratio Lower Upper
56 100
55 77.9 57.1 85.7



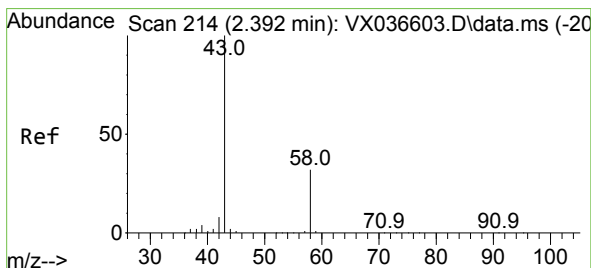
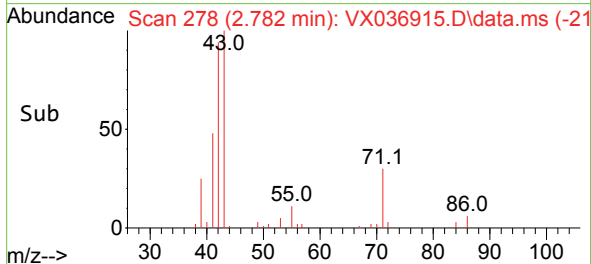
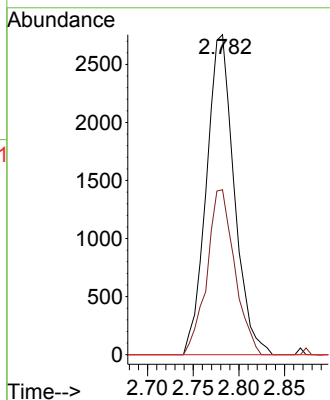


#14
 Allyl chloride
 Concen: 2.254 ug/l
 RT: 2.782 min Scan# 213
 Delta R.T. 0.116 min
 Lab File: VX036915.D
 Acq: 10 Aug 2023 16:06

Instrument :
 MSVOA_X
 ClientSampleId :

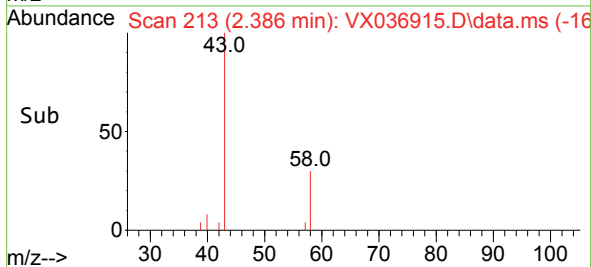
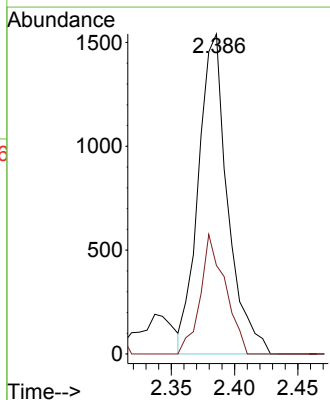
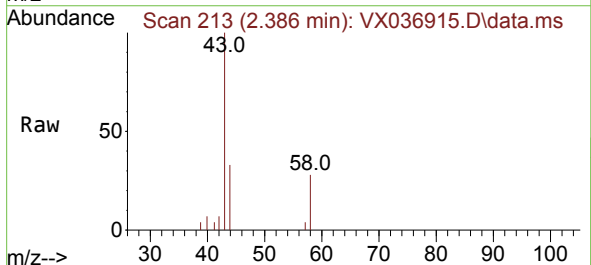


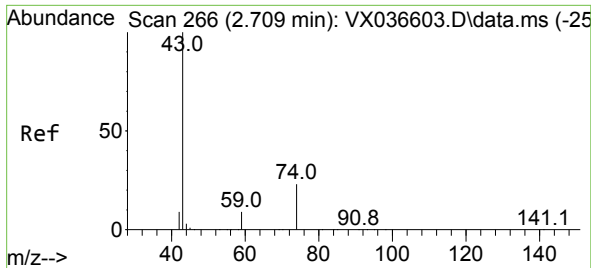
Tgt Ion: 41 Resp: 5836
 Ion Ratio Lower Upper
 41 100
 39 51.3 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 3.449 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX036915.D
 Acq: 10 Aug 2023 16:06

Tgt Ion: 43 Resp: 2487
 Ion Ratio Lower Upper
 43 100
 58 27.6 21.9 32.9

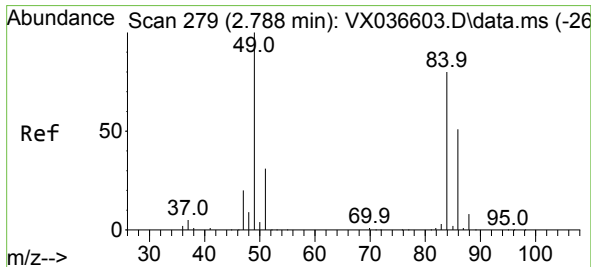
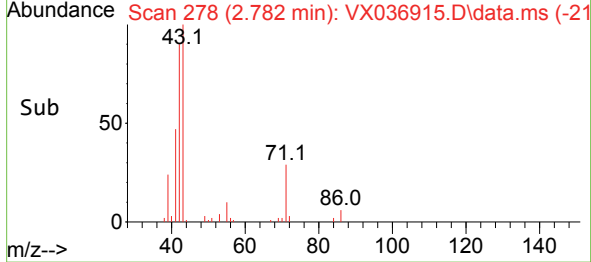
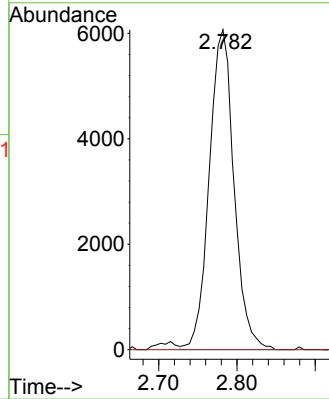
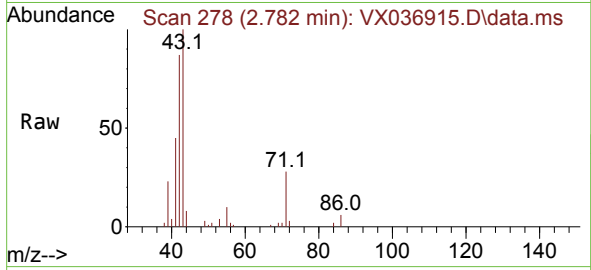




#18
Methyl Acetate
Concen: 4.393 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.073 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

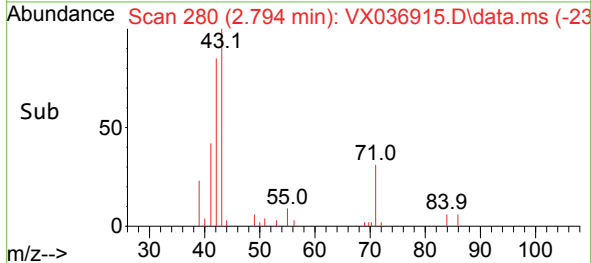
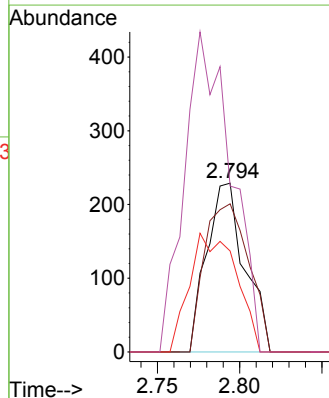
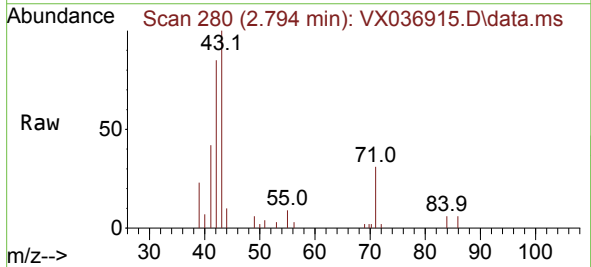
Instrument :
MSVOA_X
ClientSampleId :

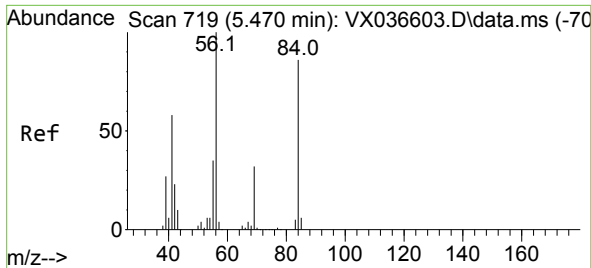
Tgt Ion: 43 Resp: 13326
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

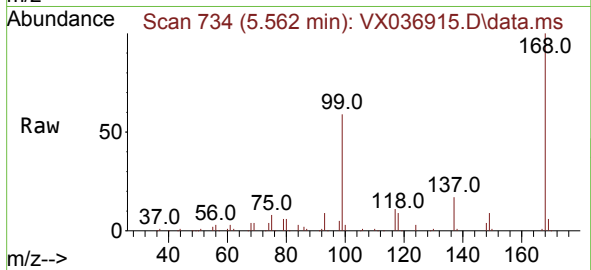
Tgt Ion: 84 Resp: 369
Ion Ratio Lower Upper
84 100
49 87.8 103.6 155.4#
51 59.8 33.8 50.6#
86 98.3 49.4 74.0#



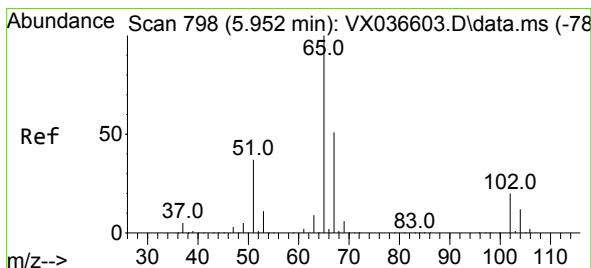
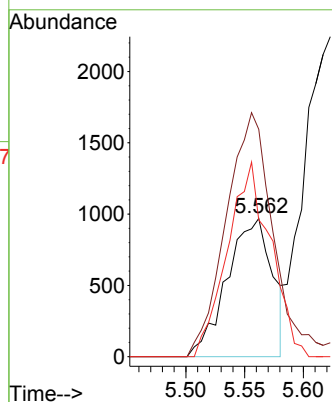
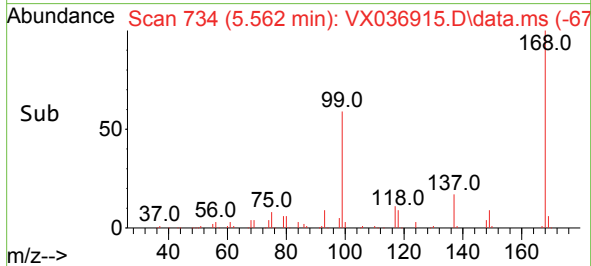


#31
Cyclohexane
Concen: 1.076 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

Instrument :
MSVOA_X
ClientSampleId :

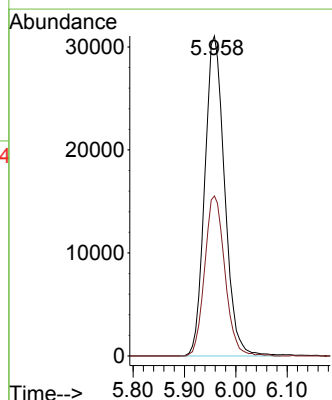
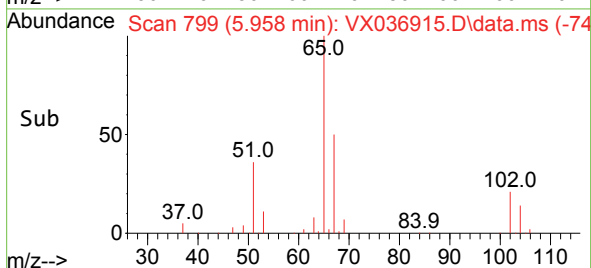
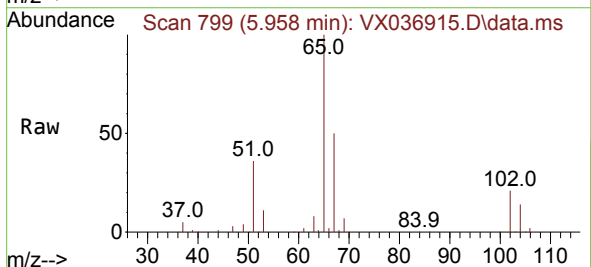


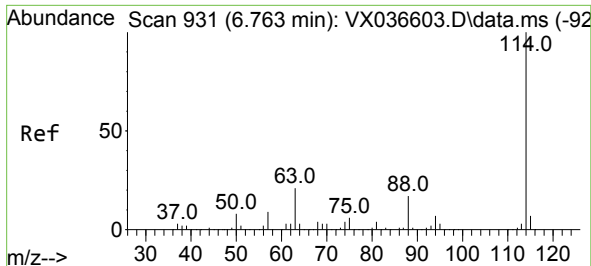
Tgt Ion: 56 Resp: 2589
Ion Ratio Lower Upper
56 100
69 164.3 23.4 35.2#
84 98.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.951 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

Tgt Ion: 65 Resp: 83329
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

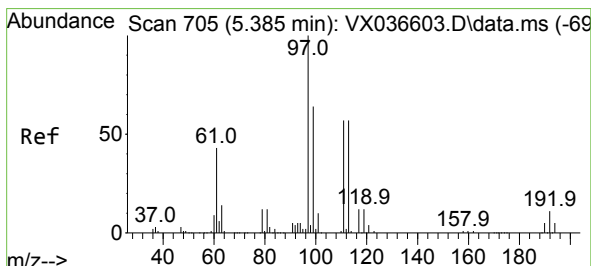
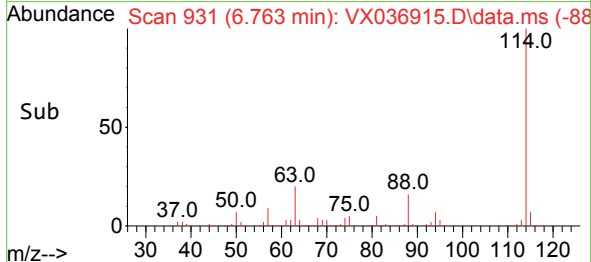
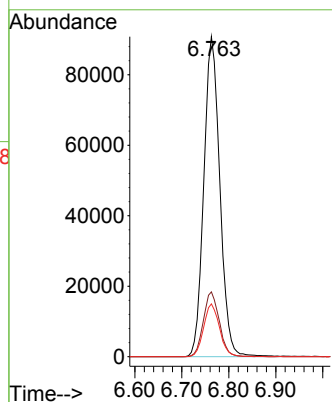
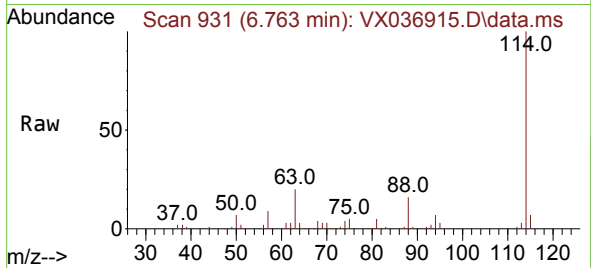




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

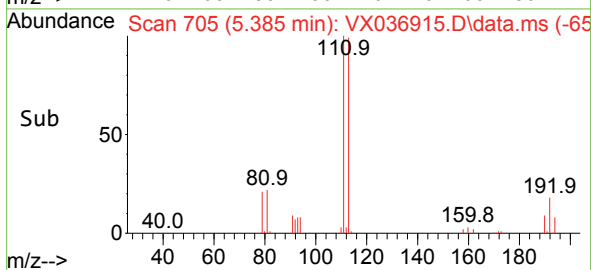
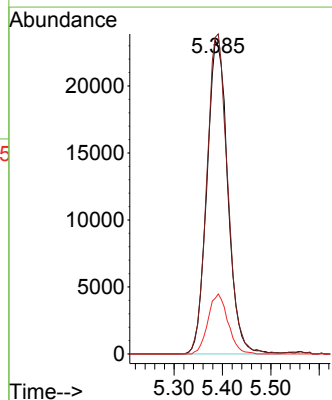
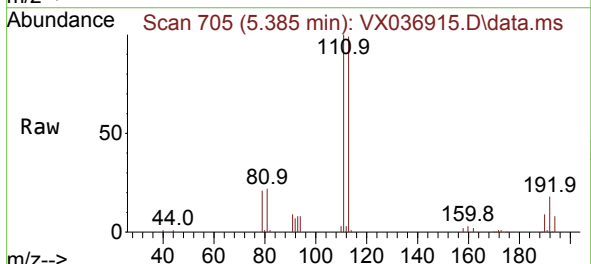
Instrument :
MSVOA_X
ClientSampleId :

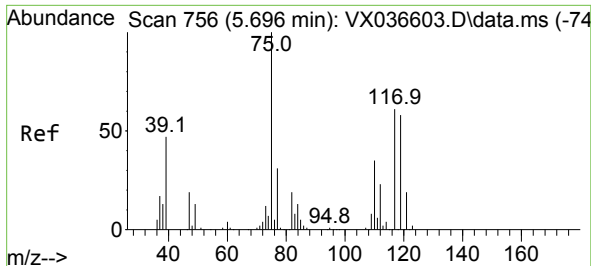
Tgt Ion:114 Resp: 215179
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.419 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

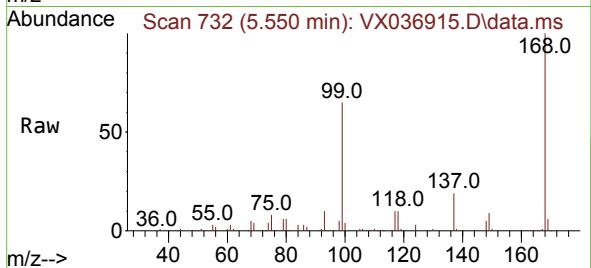
Tgt Ion:113 Resp: 70133
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.3 13.3 19.9



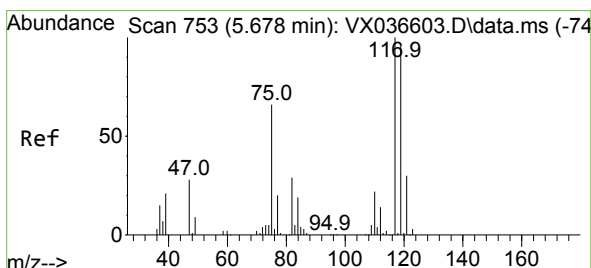
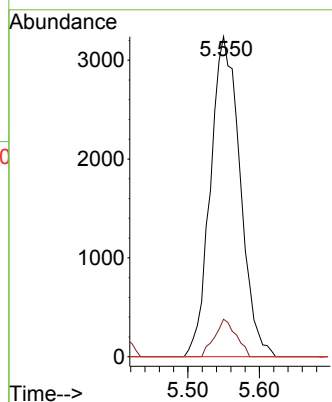
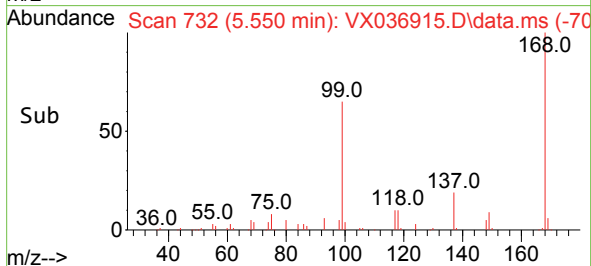


#36
 1,1-Dichloropropene
 Concen: 4.229 ug/l
 RT: 5.550 min Scan# 713
 Delta R.T. -0.146 min
 Lab File: VX036915.D
 Acq: 10 Aug 2023 16:06

Instrument :
 MSVOA_X
 ClientSampleId :

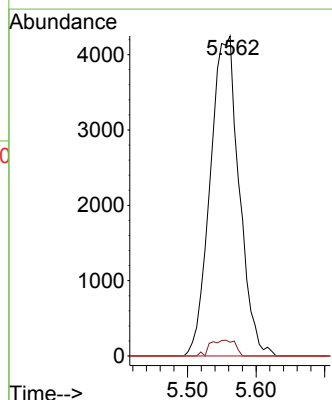
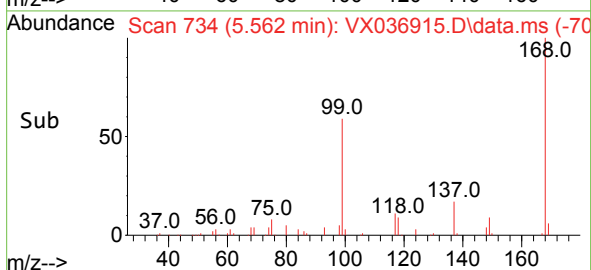
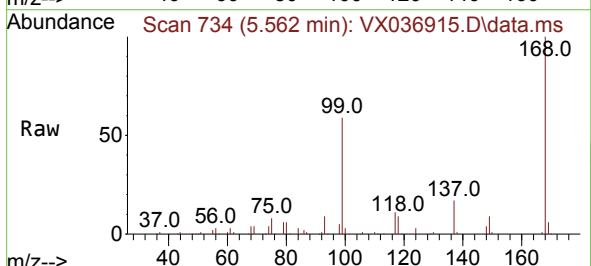


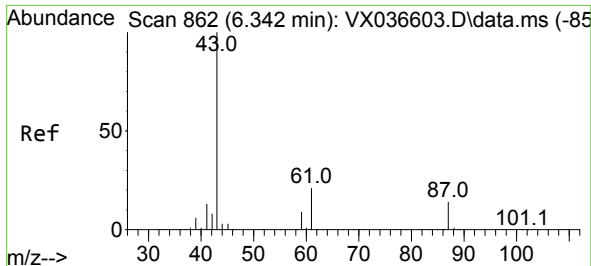
Tgt Ion: 75 Resp: 9323
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.301 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.116 min
 Lab File: VX036915.D
 Acq: 10 Aug 2023 16:06

Tgt Ion: 117 Resp: 12423
 Ion Ratio Lower Upper
 117 100
 119 4.3 78.2 117.2#
 121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 2.461 ug/l

RT: 6.245 min Scan# 84

Delta R.T. -0.098 min

Lab File: VX036915.D

Acq: 10 Aug 2023 16:06

Instrument :

MSVOA_X

ClientSampleId :

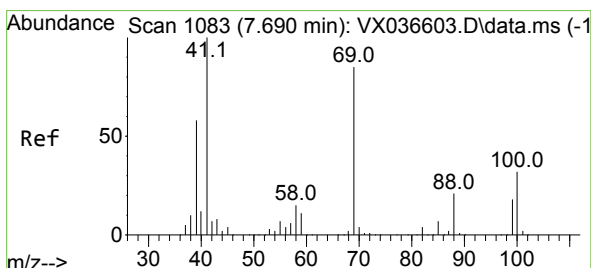
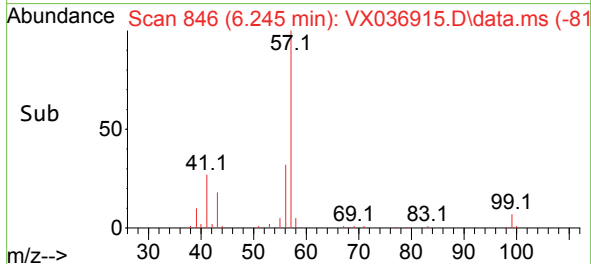
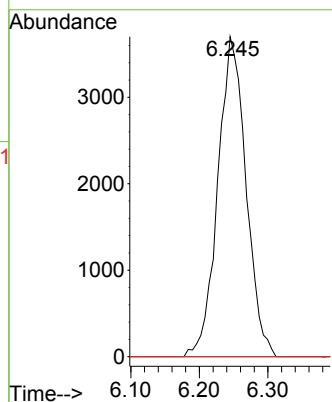
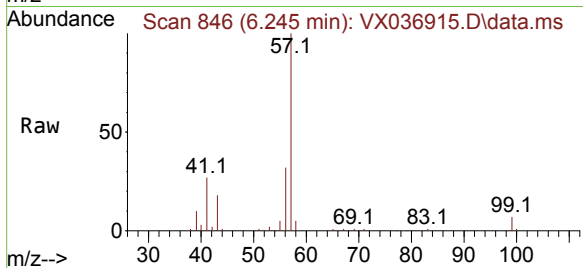
Tgt Ion: 43 Resp: 10572

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 0.0 9.8 14.6#



#48

Methyl methacrylate

Concen: 0.662 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.085 min

Lab File: VX036915.D

Acq: 10 Aug 2023 16:06

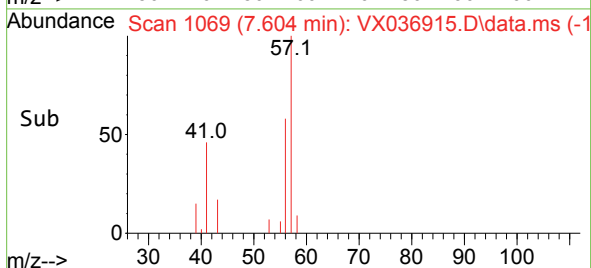
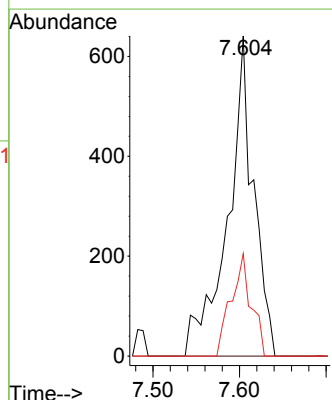
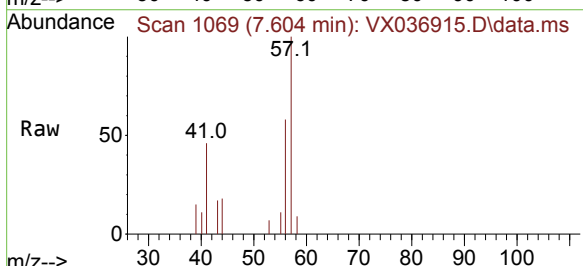
Tgt Ion: 41 Resp: 1322

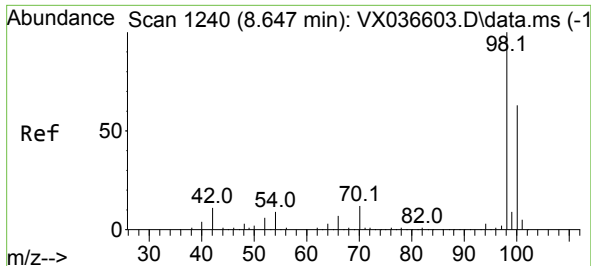
Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 25.0 47.7 71.5#

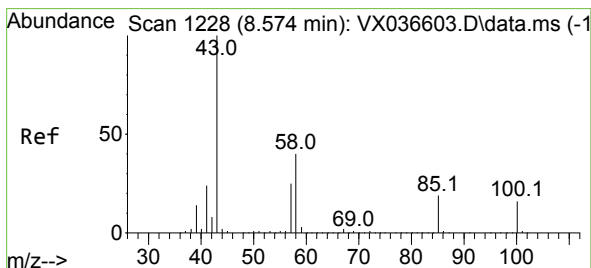
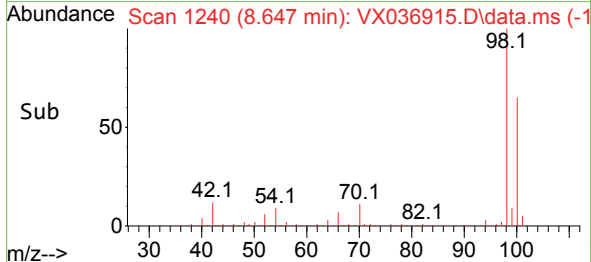
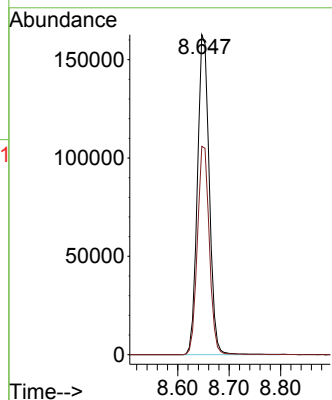
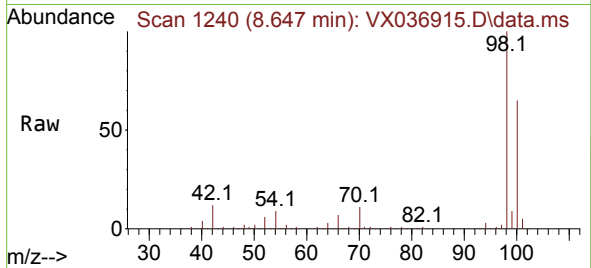




#50
Toluene-d8
Concen: 49.435 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

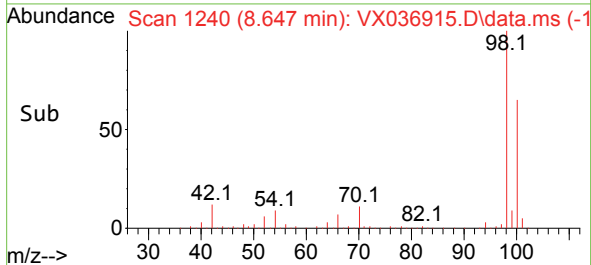
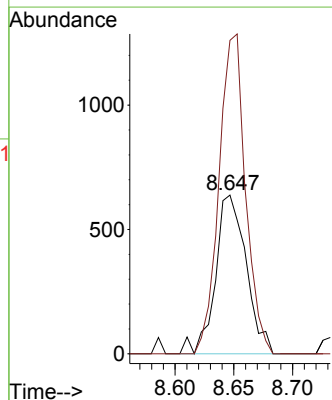
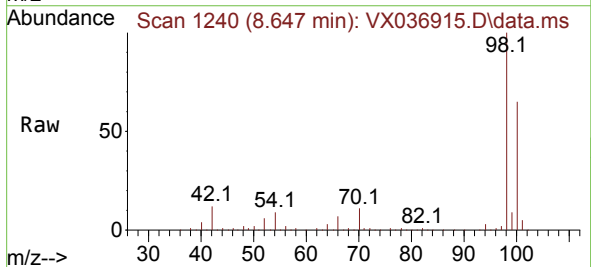
Instrument :
MSVOA_X
ClientSampleId :

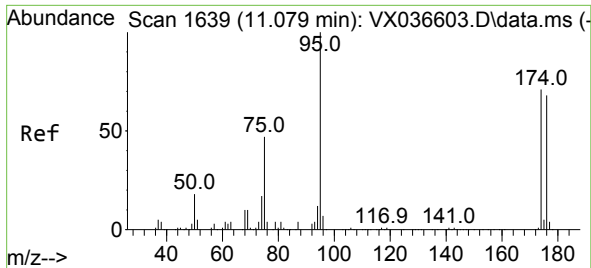
Tgt Ion: 98 Resp: 259285
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

Tgt Ion: 43 Resp: 1165
Ion Ratio Lower Upper
43 100
58 173.7 30.4 45.6#

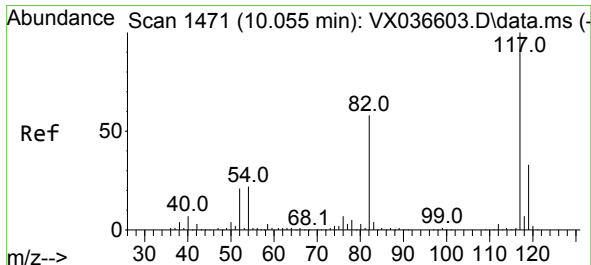
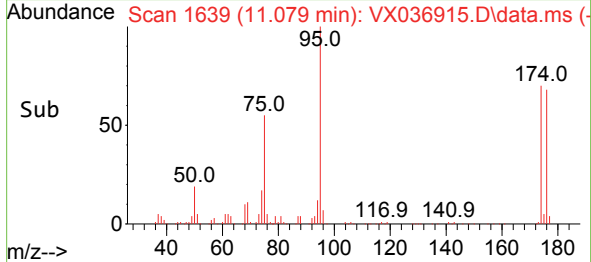
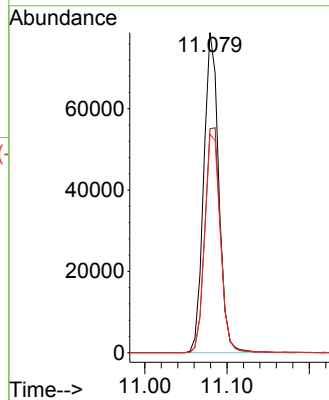
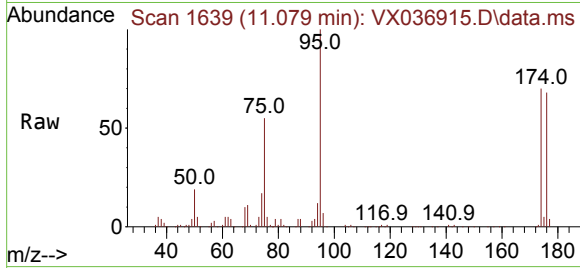




#62
4-Bromofluorobenzene
Concen: 50.514 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

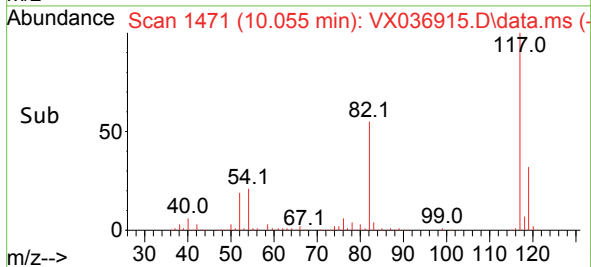
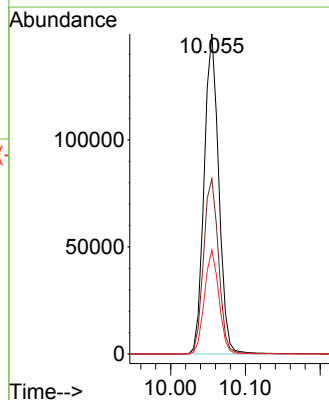
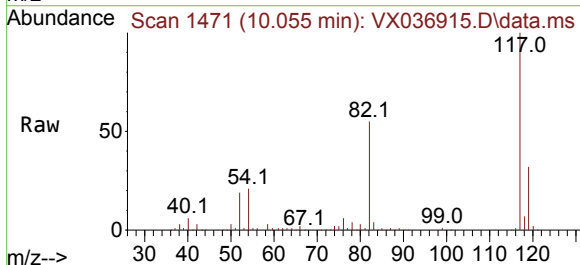
Instrument :
MSVOA_X
ClientSampleId :

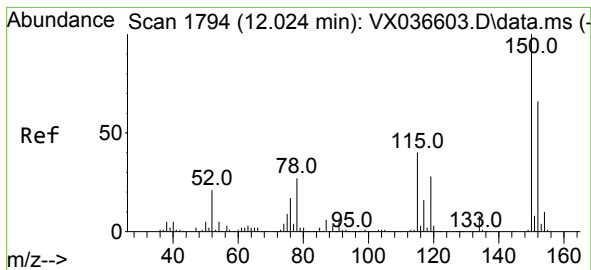
Tgt Ion: 95 Resp: 99959
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

Tgt Ion: 117 Resp: 203189
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036915.D

Acq: 10 Aug 2023 16:06

Instrument :

MSVOA_X

ClientSampleId :

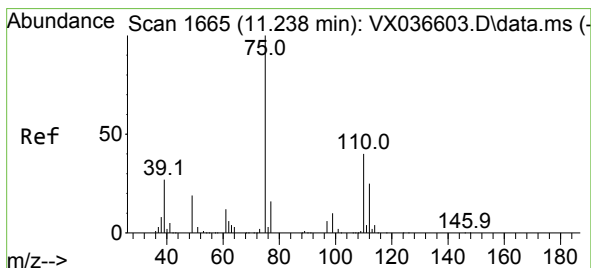
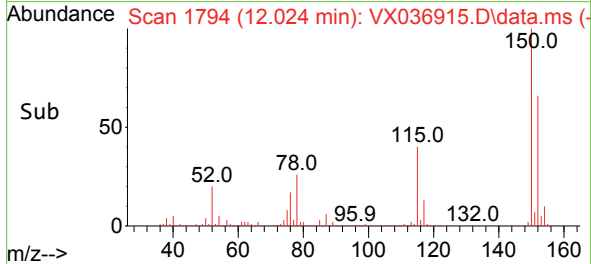
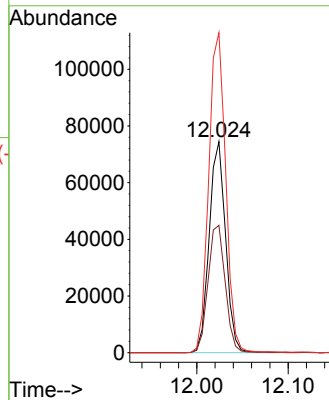
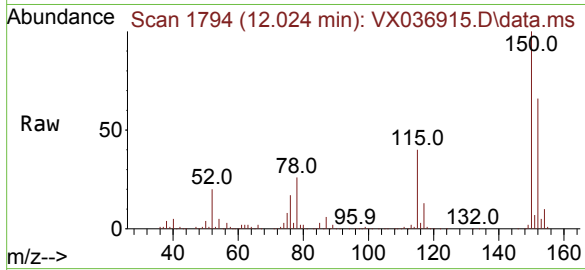
Tgt Ion:152 Resp: 92762

Ion Ratio Lower Upper

152 100

115 63.3 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.137 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036915.D

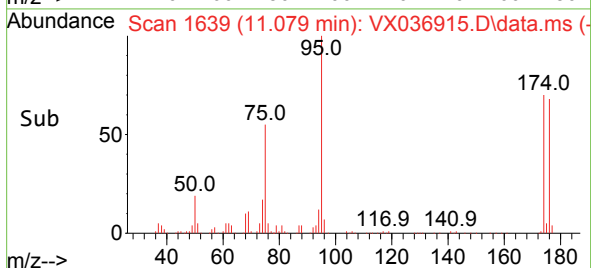
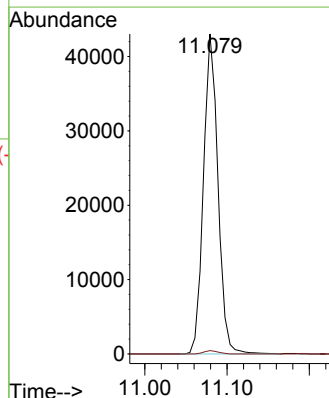
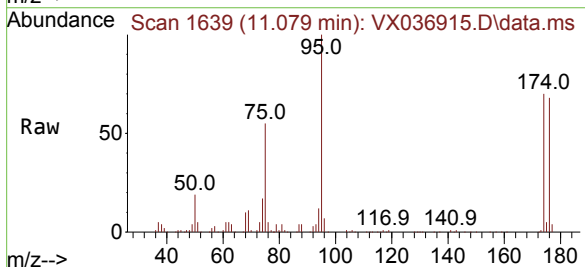
Acq: 10 Aug 2023 16:06

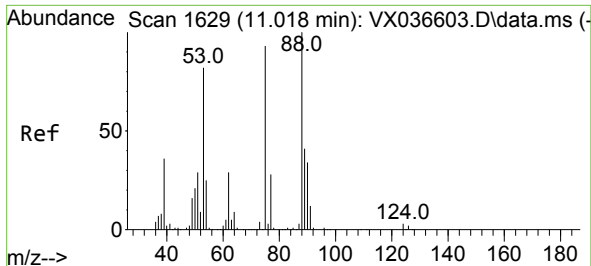
Tgt Ion: 75 Resp: 52663

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

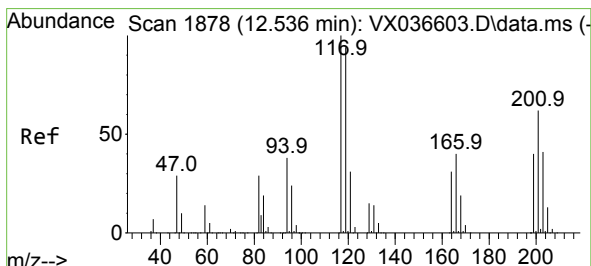
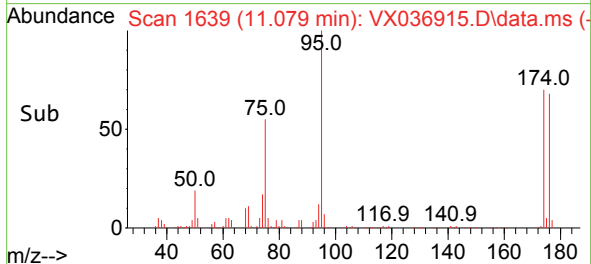
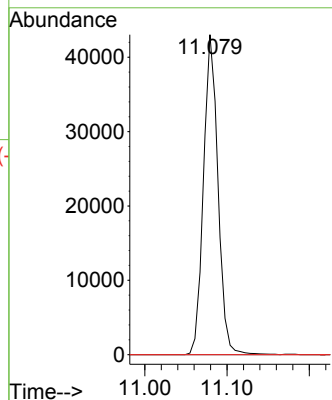
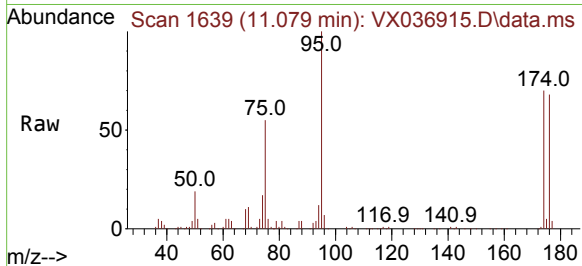




#81
trans-1,4-Dichloro-2-butene
Concen: 54.707 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 52663
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#90
Hexachloroethane
Concen: 0.281 ug/l
RT: 12.652 min Scan# 1897
Delta R.T. 0.116 min
Lab File: VX036915.D
Acq: 10 Aug 2023 16:06

Tgt Ion: 117 Resp: 369
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#

