

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062023\
 Data File : VX036229.D
 Acq On : 20 Jun 2023 09:37
 Operator : JC/MD
 Sample : VX0620MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620MBL01

Quant Time: Jun 21 01:56:30 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)

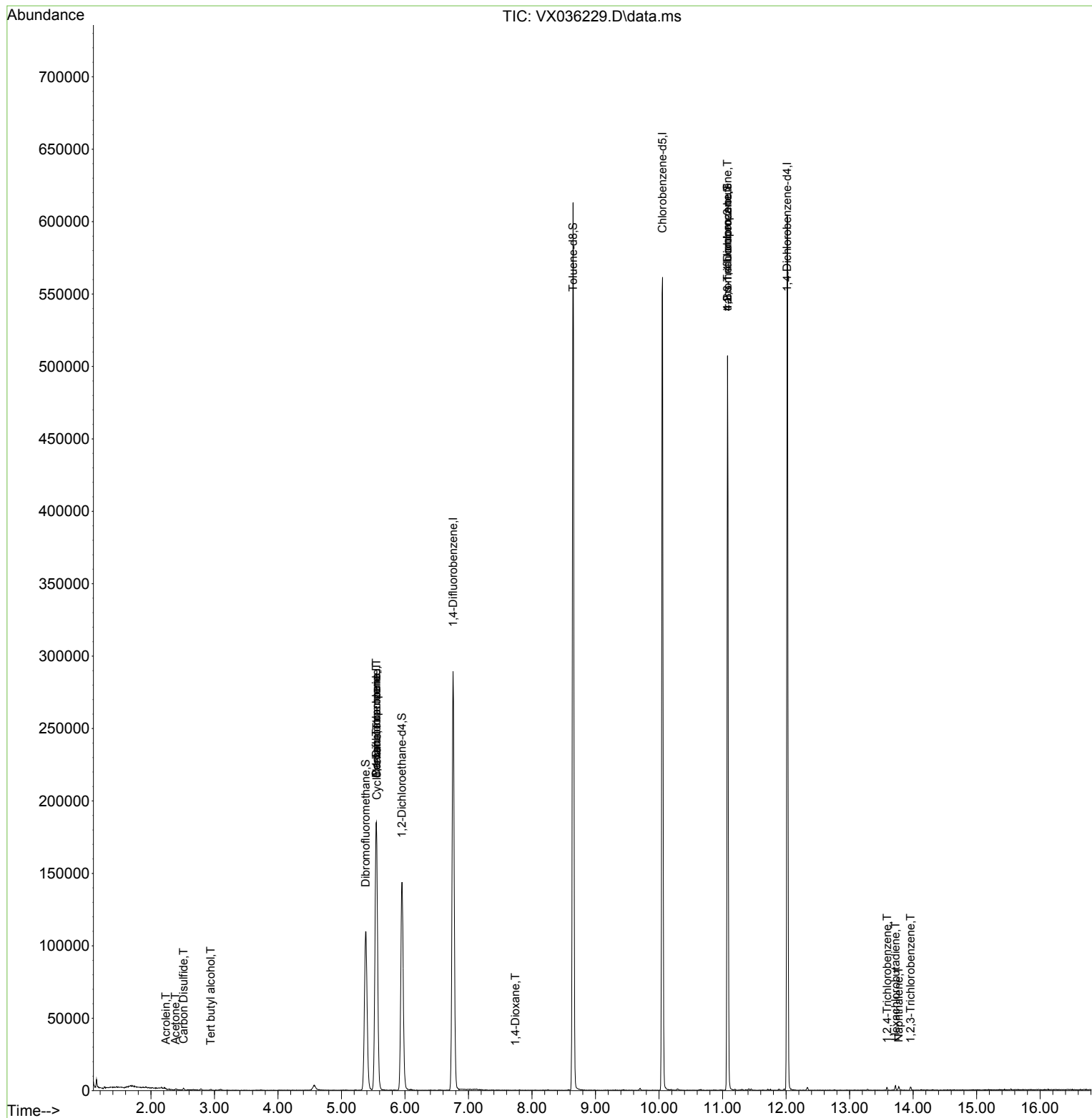
Internal Standards						
1) Pentafluorobenzene	5.550	168	157703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	270301	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	144840	50.258	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.520%	
35) Dibromofluoromethane	5.379	113	95235	51.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.920%	
50) Toluene-d8	8.647	98	336629	50.207	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	11.079	95	131704	48.663	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	316	0.717	ug/l #	78
13) Acrolein	2.233	56	180	0.368	ug/l #	65
16) Acetone	2.386	43	1127	0.941	ug/l #	79
17) Carbon Disulfide	2.514	76	1440	0.342	ug/l	96
31) Cyclohexane	5.556	56	4546	1.470	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	15967	5.914	ug/l #	50
38) Carbon Tetrachloride	5.550	117	19445	7.408	ug/l #	14
49) 1,4-Dioxane	7.738	88	19	0.459	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	75370	28.614	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	75370	100.155	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	546	0.267	ug/l	82
94) Hexachlorobutadiene	13.725	225	426	0.526	ug/l	85
95) Naphthalene	13.774	128	1753	0.248	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	764	0.372	ug/l	92

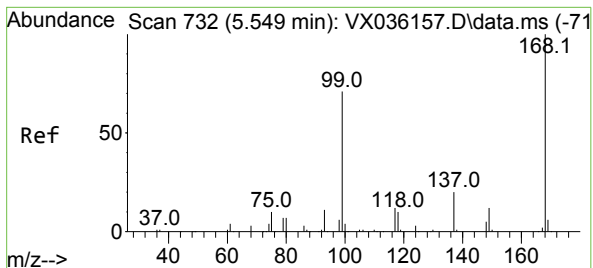
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX036229.D

Acq: 20 Jun 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

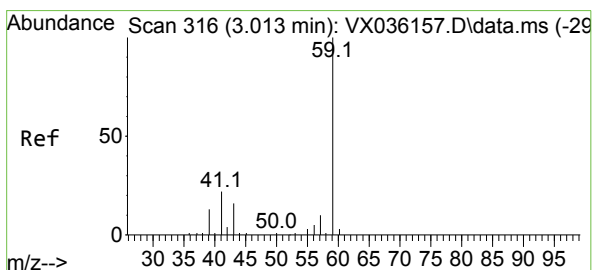
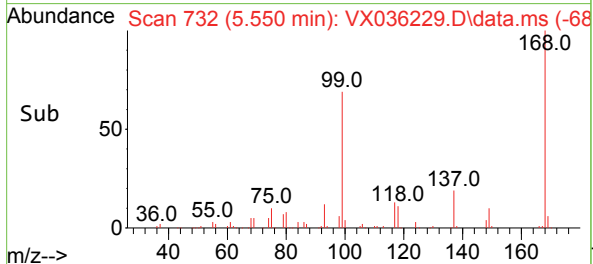
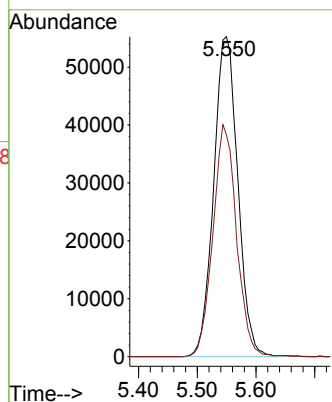
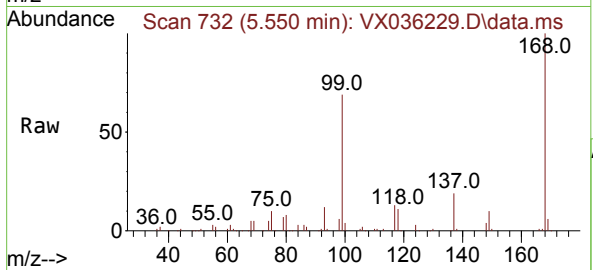
VX0620MBL01

Tgt Ion:168 Resp: 157703

Ion Ratio Lower Upper

168 100

99 69.4 56.6 85.0



#11

Tert butyl alcohol

Concen: 0.717 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.073 min

Lab File: VX036229.D

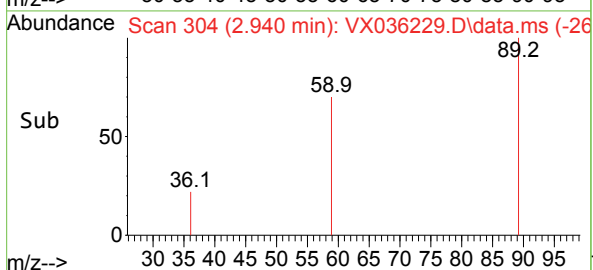
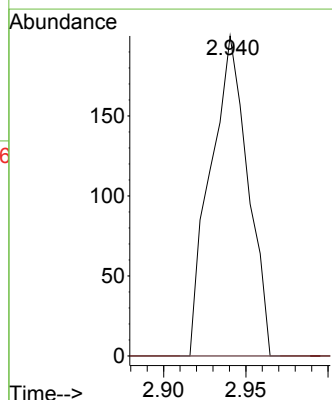
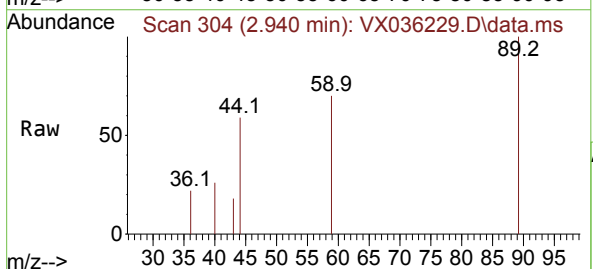
Acq: 20 Jun 2023 09:37

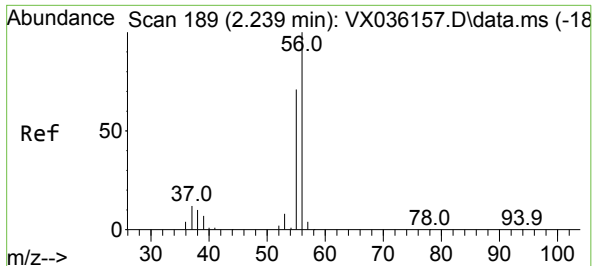
Tgt Ion: 59 Resp: 316

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.368 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036229.D

Acq: 20 Jun 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

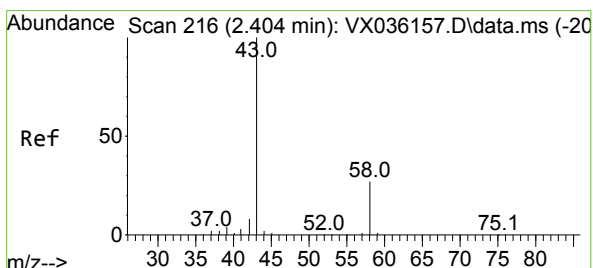
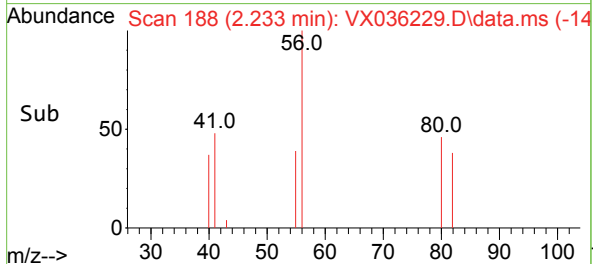
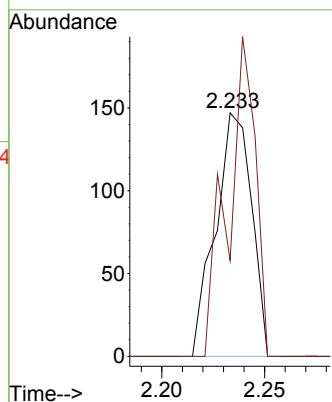
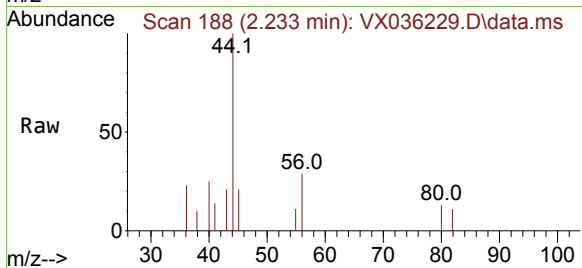
VX0620MBL01

Tgt Ion: 56 Resp: 180

Ion Ratio Lower Upper

56 100

55 100.6 57.1 85.7#



#16

Acetone

Concen: 0.941 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.018 min

Lab File: VX036229.D

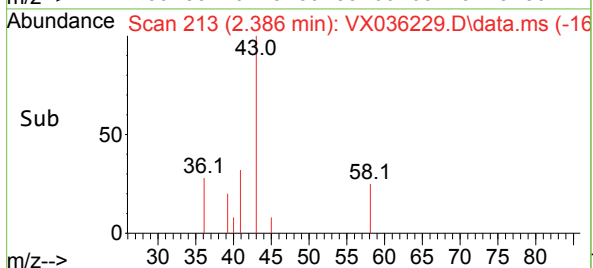
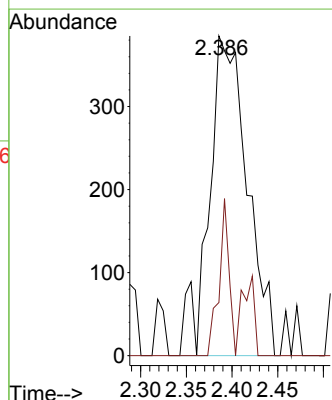
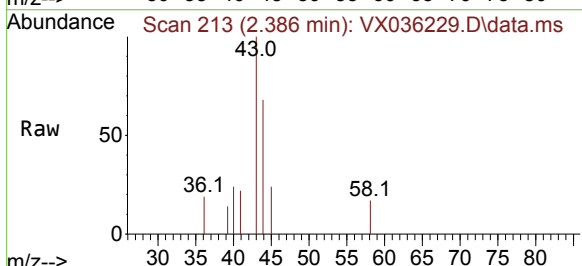
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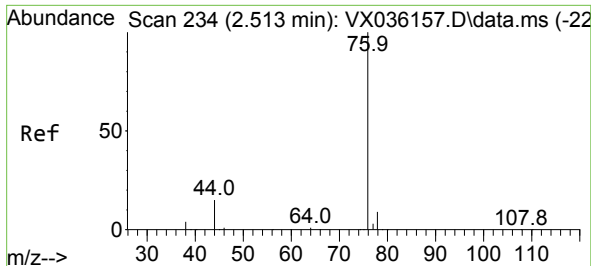
Tgt Ion: 43 Resp: 1127

Ion Ratio Lower Upper

43 100

58 16.6 21.9 32.9#

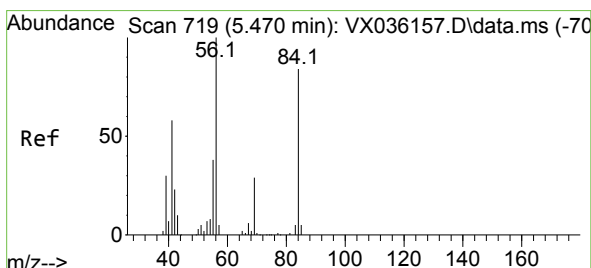
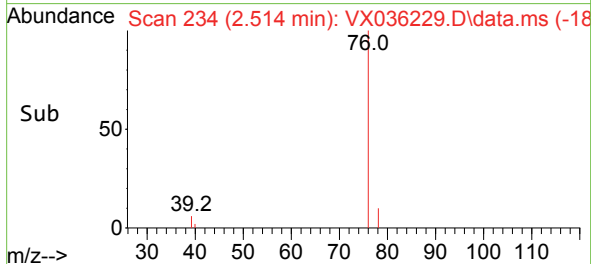
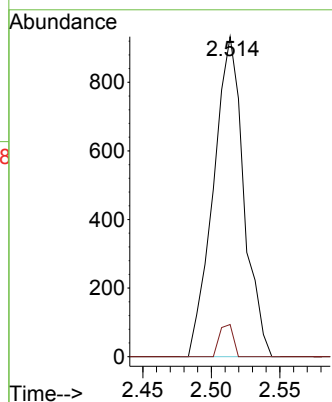
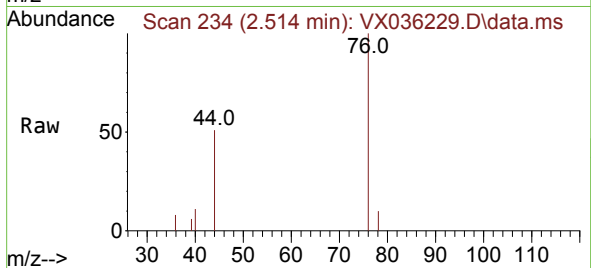




#17
Carbon Disulfide
Concen: 0.342 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

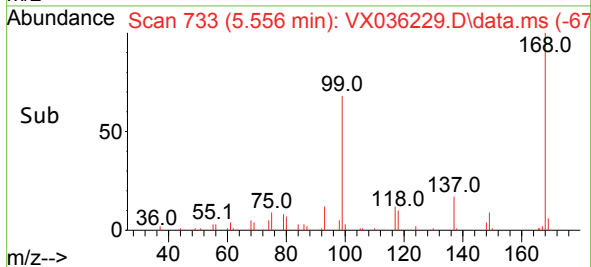
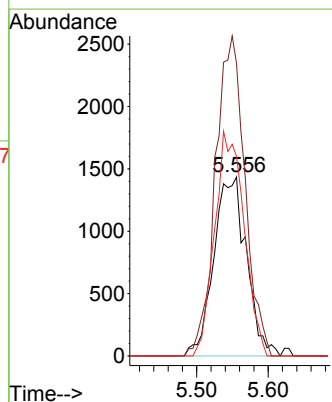
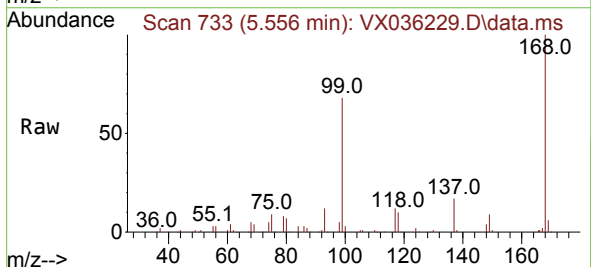
Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

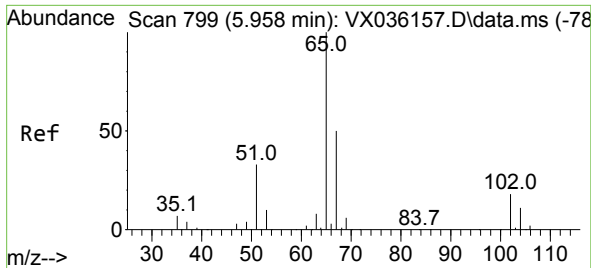
Tgt Ion: 76 Resp: 1440
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6



#31
Cyclohexane
Concen: 1.470 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

Tgt Ion: 56 Resp: 4546
Ion Ratio Lower Upper
56 100
69 163.5 23.4 35.2#
84 111.5 65.9 98.9#

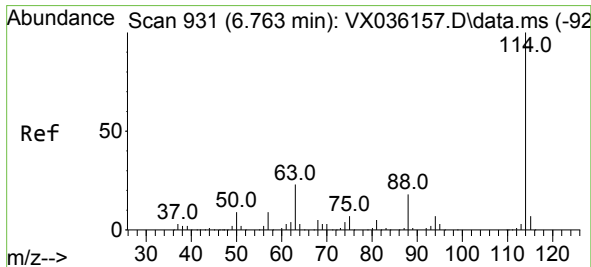
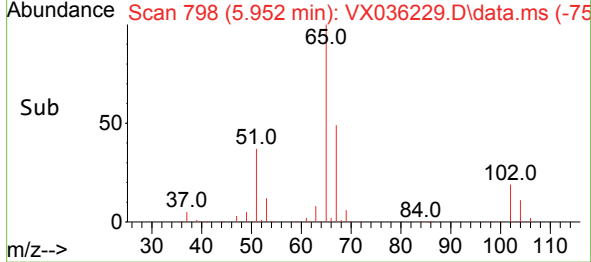
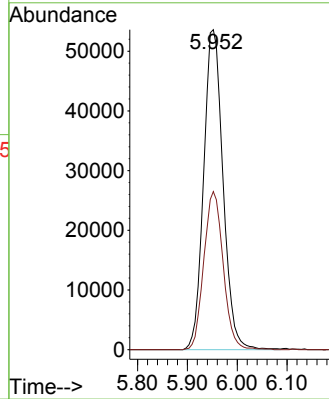
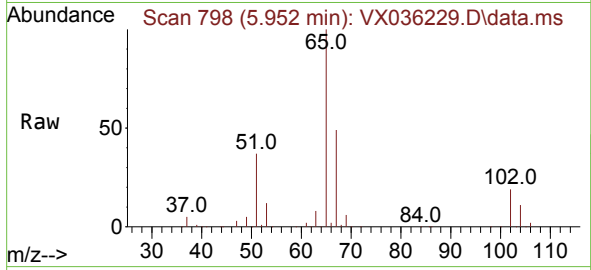




#33
1,2-Dichloroethane-d4
Concen: 50.258 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

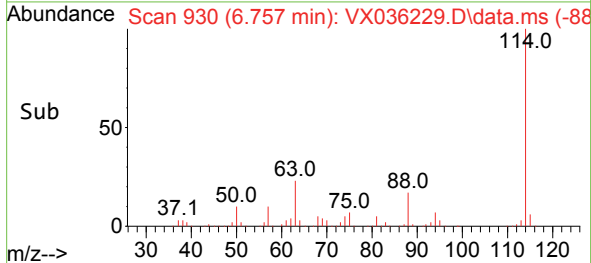
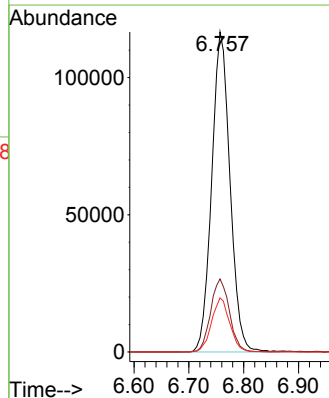
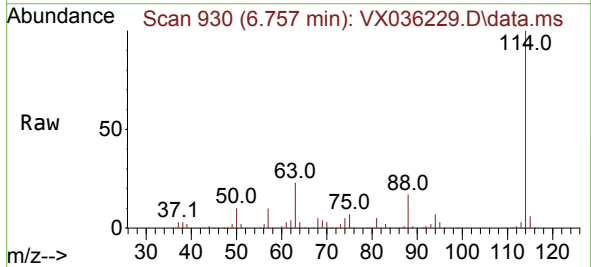
Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

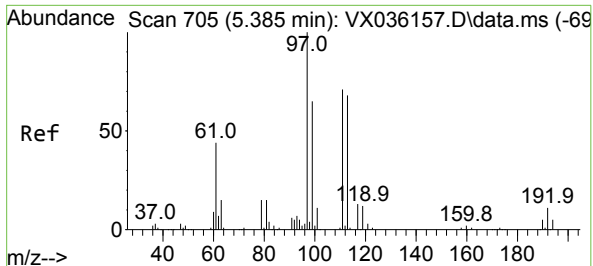
Tgt Ion: 65 Resp: 144840
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

Tgt Ion: 114 Resp: 270301
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.0
88 16.9 0.0 36.6

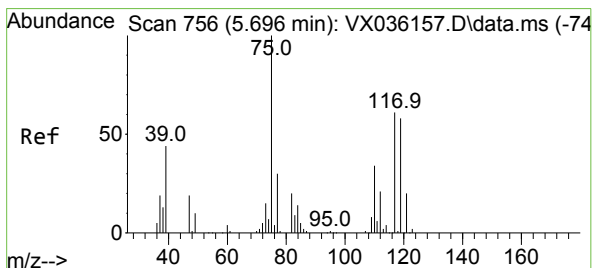
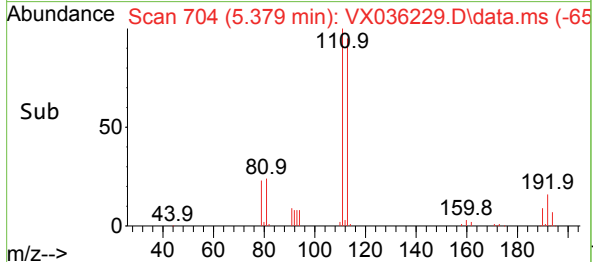
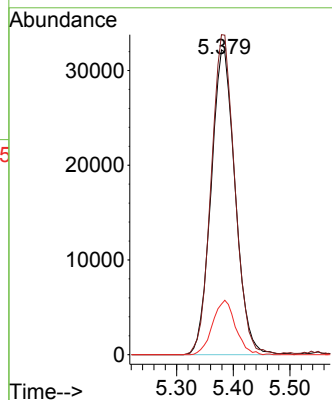
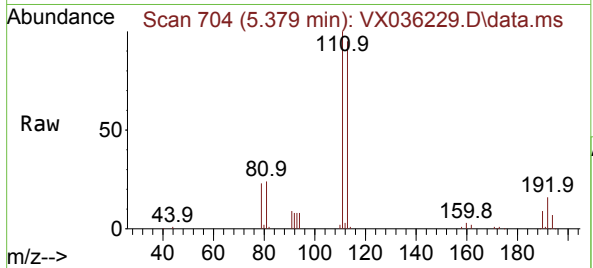




#35
Dibromofluoromethane
Concen: 51.957 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

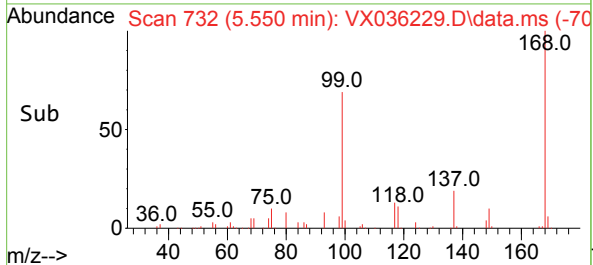
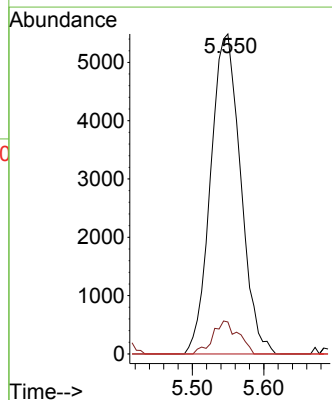
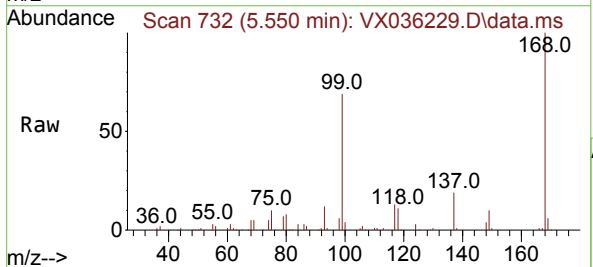
Instrument :
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ClientSampleId :
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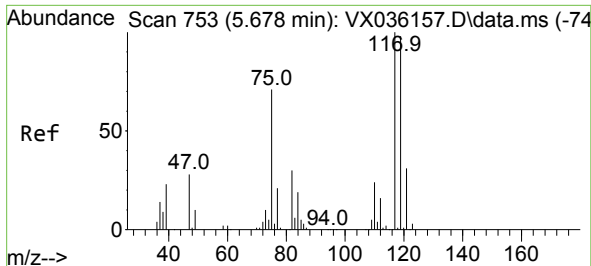
Tgt Ion:113 Resp: 95235
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 16.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.914 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

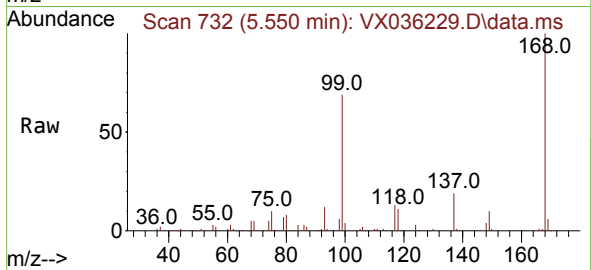
Tgt Ion: 75 Resp: 15967
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



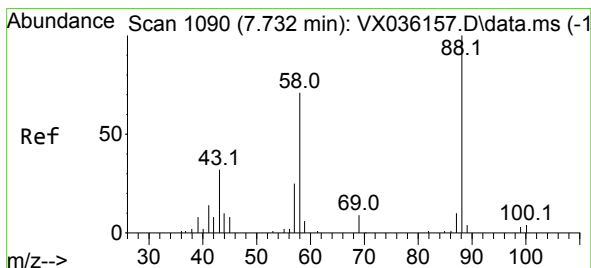
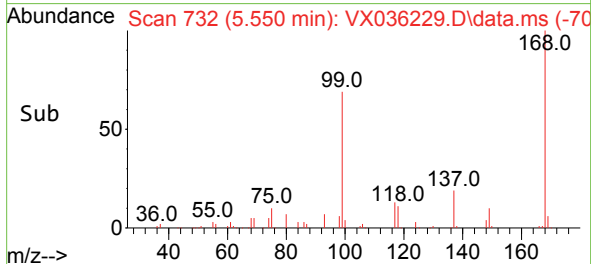
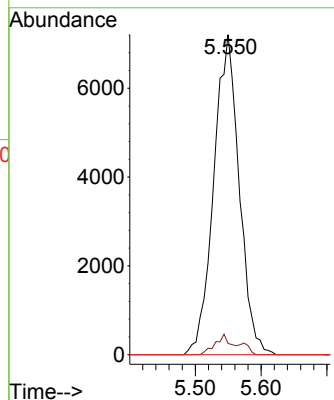


#38
Carbon Tetrachloride
Concen: 7.408 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

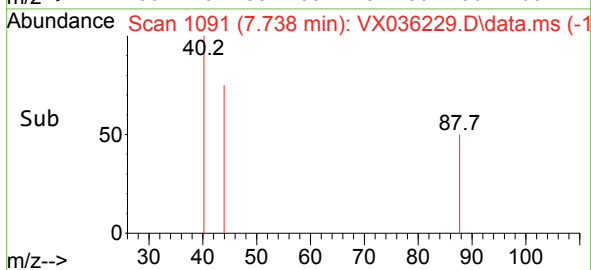
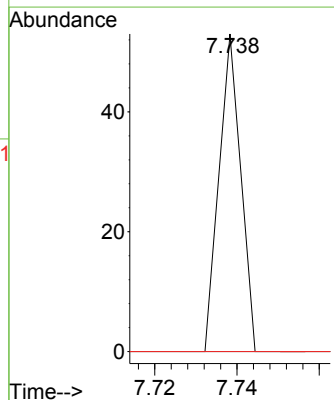
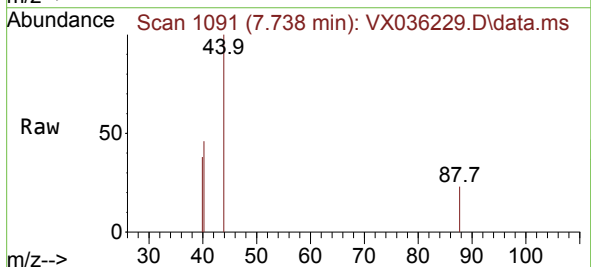


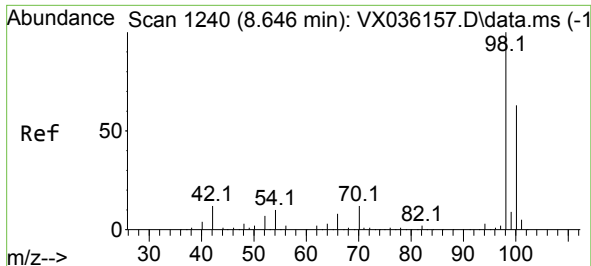
Tgt Ion:117 Resp: 19445
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.459 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

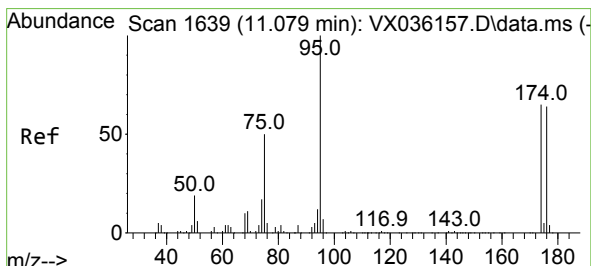
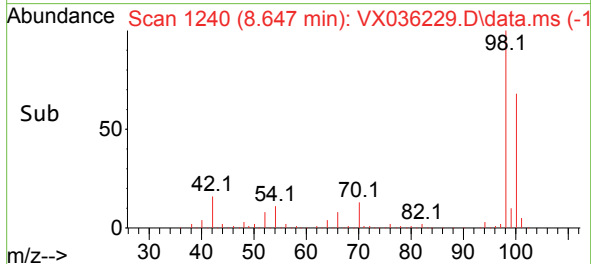
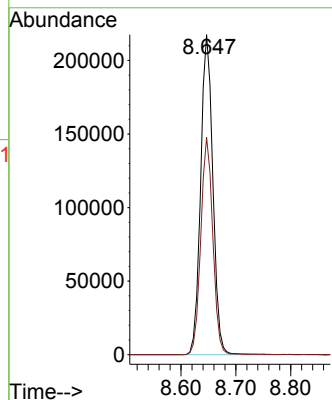
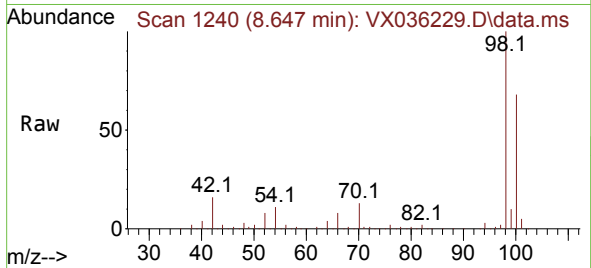




#50
Toluene-d8
Concen: 50.207 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

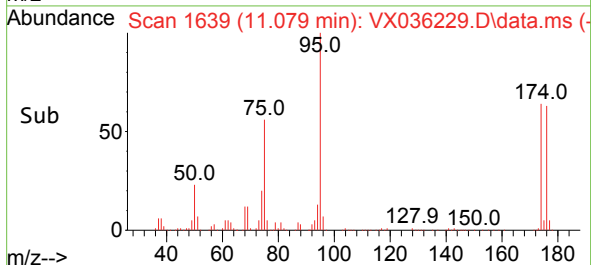
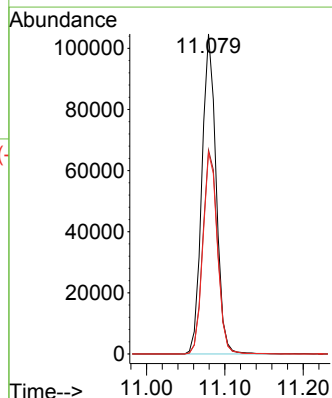
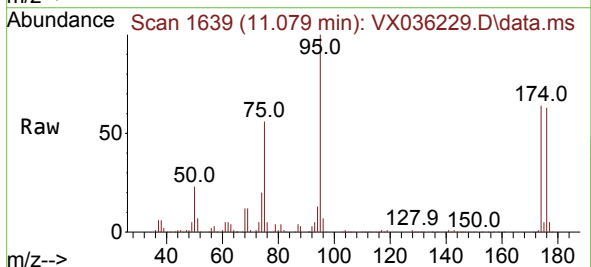
Instrument :
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VX0620MBL01

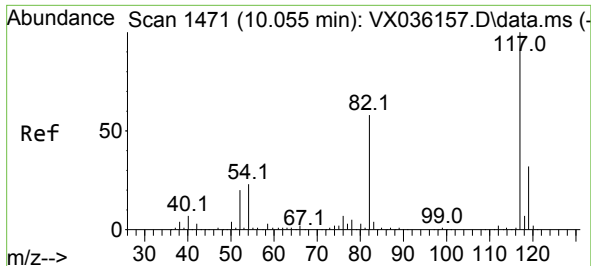
Tgt Ion: 98 Resp: 336629
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

Tgt Ion: 95 Resp: 131704
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 64.1 0.0 131.0

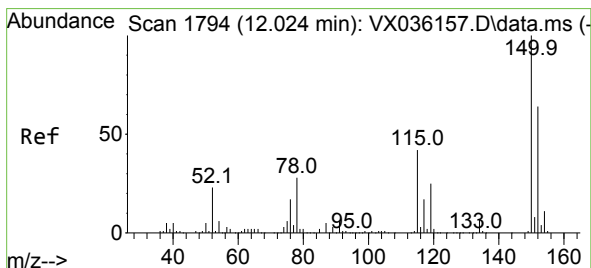
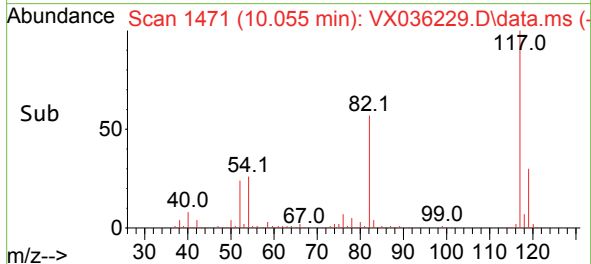
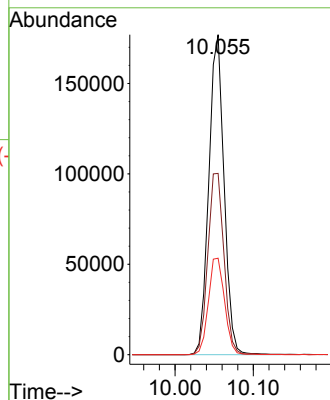
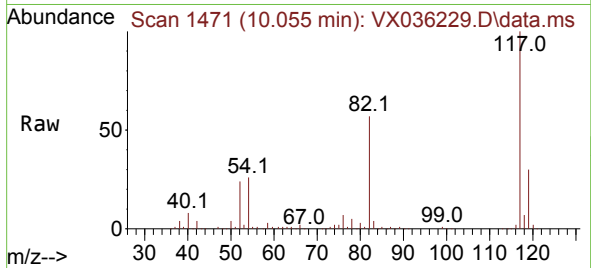




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

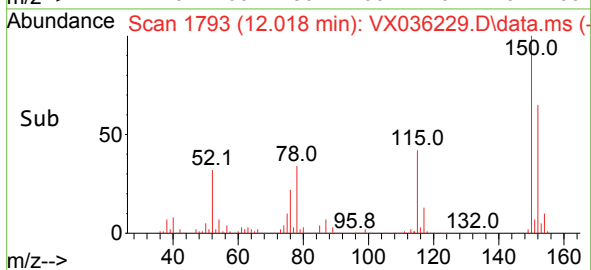
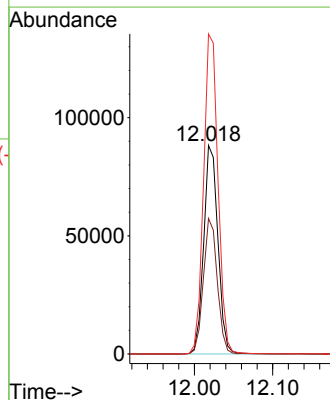
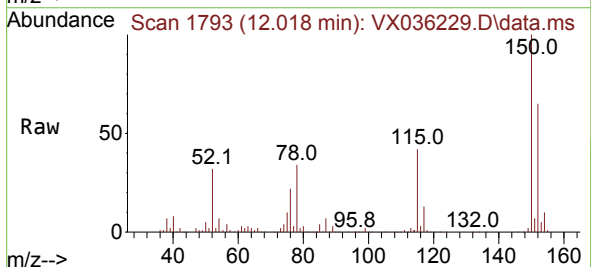
Instrument :
MSVOA_X
ClientSampleId :
VX0620MBL01

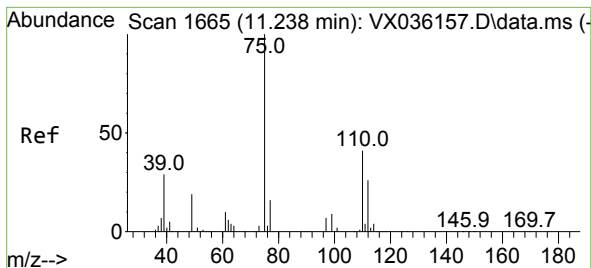
Tgt Ion:117 Resp: 239168
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 30.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036229.D
Acq: 20 Jun 2023 09:37

Tgt Ion:152 Resp: 110987
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 156.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 28.614 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036229.D

Acq: 20 Jun 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

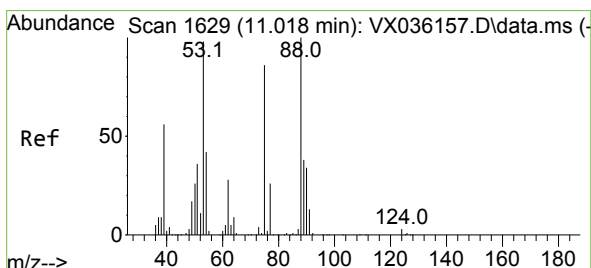
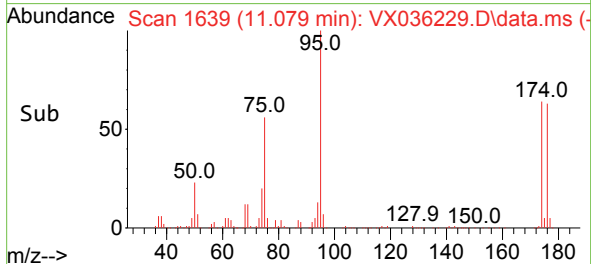
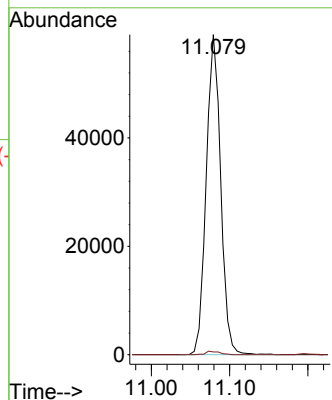
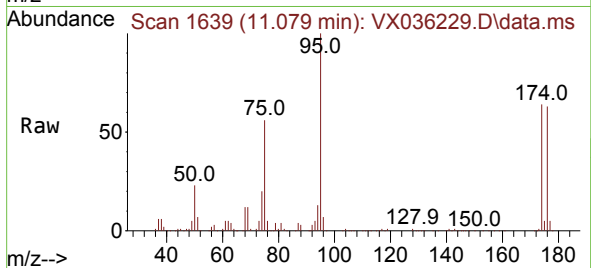
VX0620MBL01

Tgt Ion: 75 Resp: 75370

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 100.155 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036229.D

Acq: 20 Jun 2023 09:37

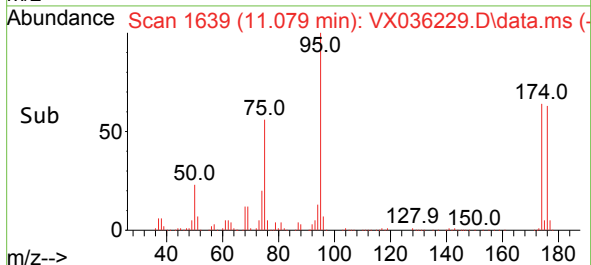
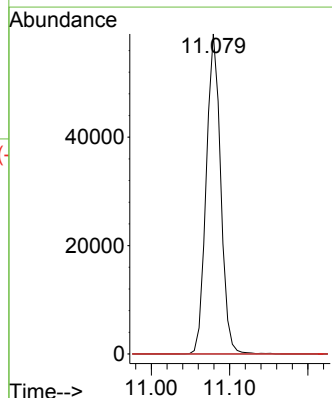
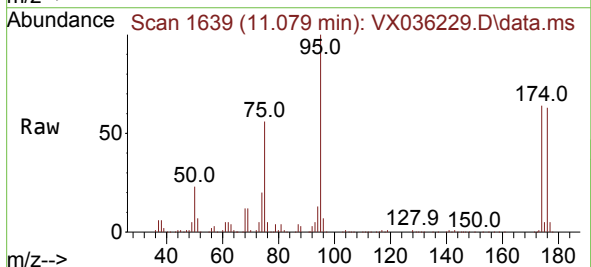
Tgt Ion: 75 Resp: 75370

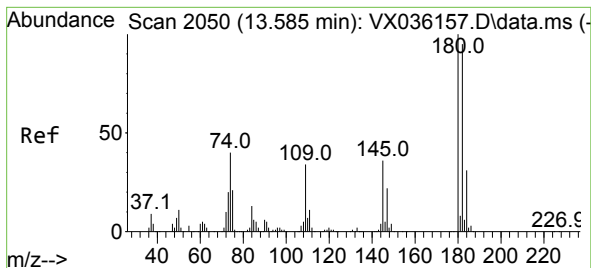
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.267 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX036229.D

Acq: 20 Jun 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VX0620MBL01

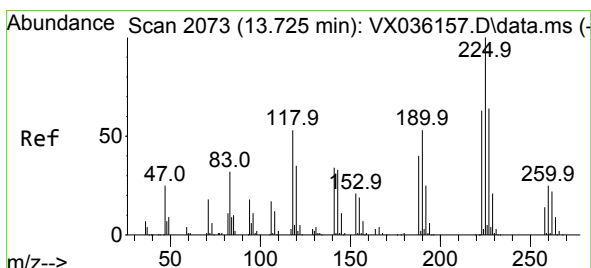
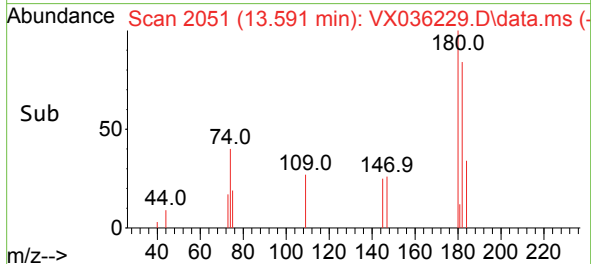
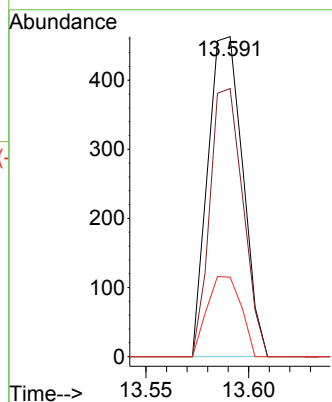
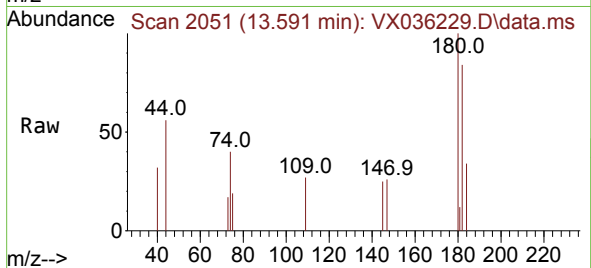
Tgt Ion:180 Resp: 546

Ion Ratio Lower Upper

180 100

182 79.5 48.3 144.8

145 24.2 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.526 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036229.D

Acq: 20 Jun 2023 09:37

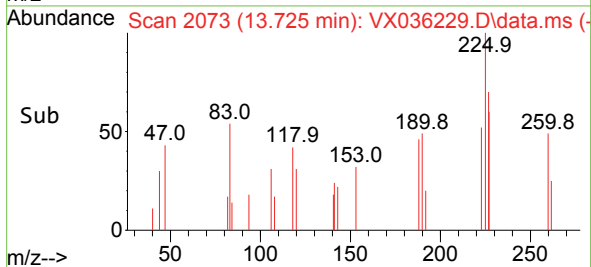
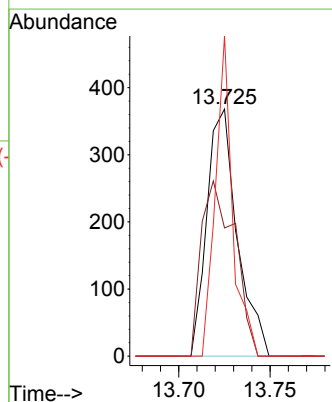
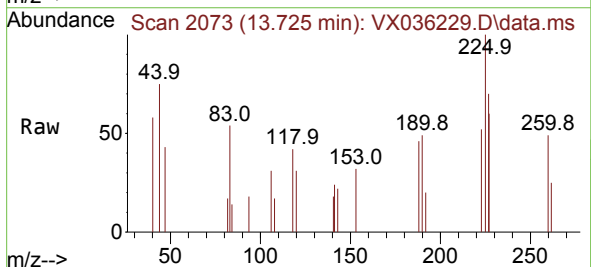
Tgt Ion:225 Resp: 426

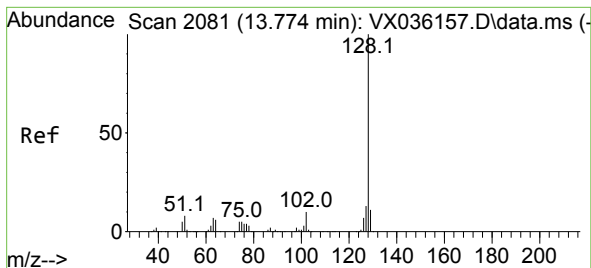
Ion Ratio Lower Upper

225 100

223 77.9 31.1 93.2

227 72.8 32.5 97.5





#95

Naphthalene

Concen: 0.248 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX036229.D

Acq: 20 Jun 2023 09:37

Instrument :

MSVOA_X

ClientSampleId :

VX0620MBL01

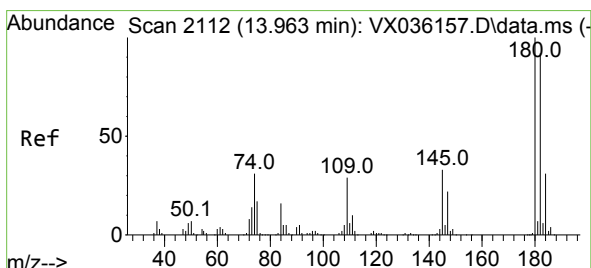
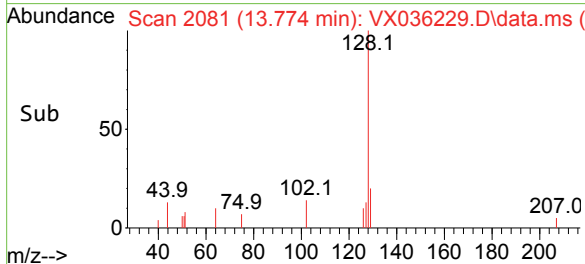
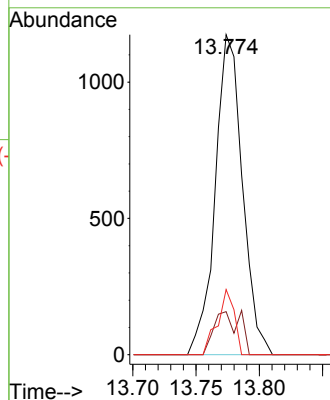
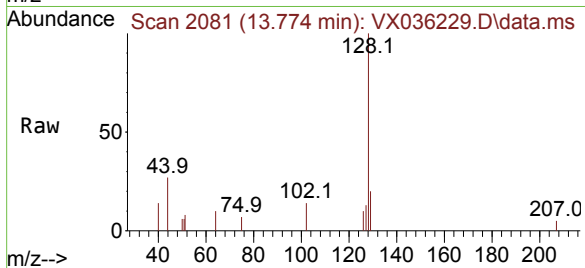
Tgt Ion:128 Resp: 1753

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 12.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.372 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX036229.D

Acq: 20 Jun 2023 09:37

Tgt Ion:180 Resp: 764

Ion Ratio Lower Upper

180 100

182 90.7 46.9 140.6

145 22.8 17.8 53.5

