

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036854.D
 Acq On : 08 Aug 2023 11:13
 Operator : JC/MD
 Sample : VX0808WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBL01

Quant Time: Aug 09 04:10:40 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)

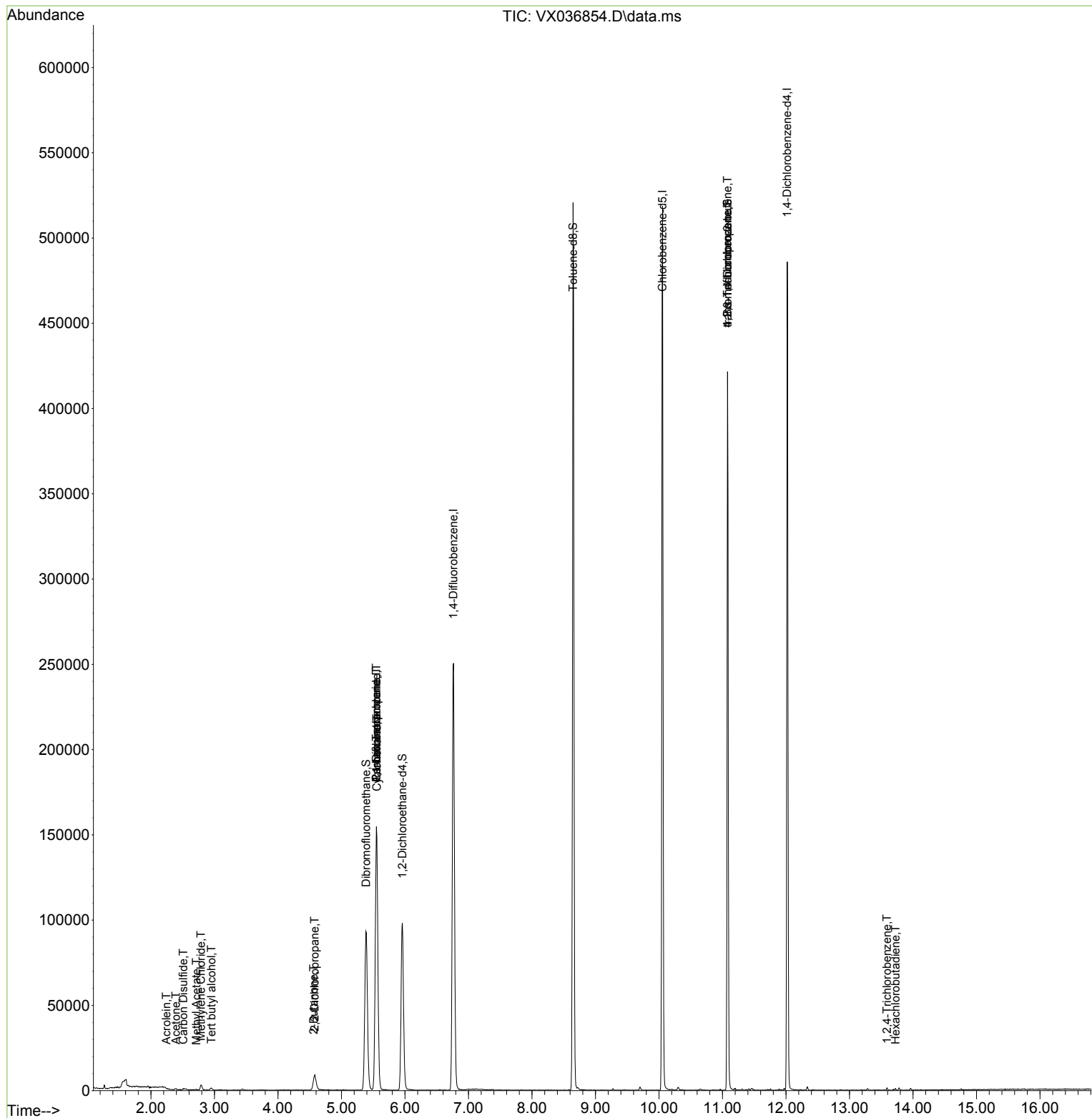
Internal Standards						
1) Pentafluorobenzene	5.550	168	142018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97713	46.500	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.000%
35) Dibromofluoromethane	5.385	113	82303	46.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.900%
50) Toluene-d8	8.647	98	304732	48.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	111908	47.205	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.400%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	910	1.829	ug/l #	78
13) Acrolein	2.240	56	298	1.050	ug/l	98
16) Acetone	2.392	43	855	0.981	ug/l	94
17) Carbon Disulfide	2.508	76	950	0.216	ug/l	96
18) Methyl Acetate	2.715	43	801	0.218	ug/l #	53
20) Methylene Chloride	2.788	84	1672	0.862	ug/l #	87
25) 2-Butanone	4.562	43	341	0.241	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	661	0.210	ug/l #	54
31) Cyclohexane	5.556	56	3187	1.095	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11421	4.324	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15123	5.386	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	58378	24.847	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58378	56.317	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	415	0.200	ug/l	90
94) Hexachlorobutadiene	13.725	225	207	0.241	ug/l	79

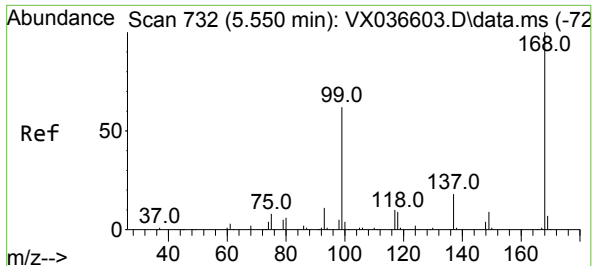
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
Data File : VX036854.D
Acq On : 08 Aug 2023 11:13
Operator : JC/MD
Sample : VX0808WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

Quant Time: Aug 09 04:10:40 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

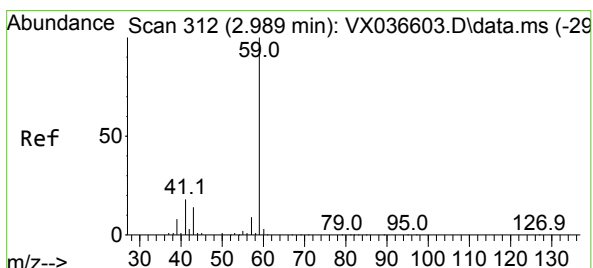
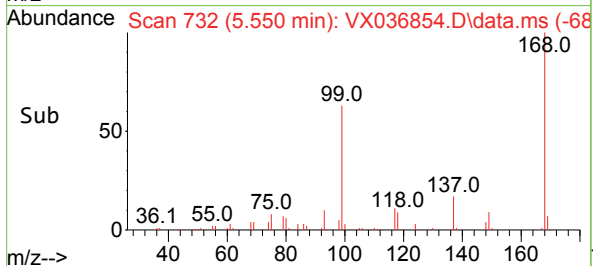
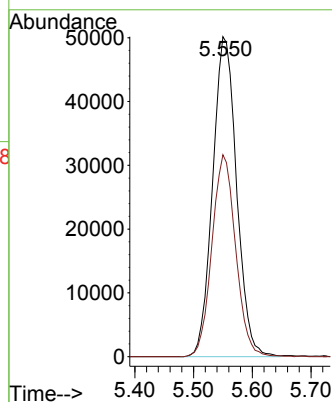
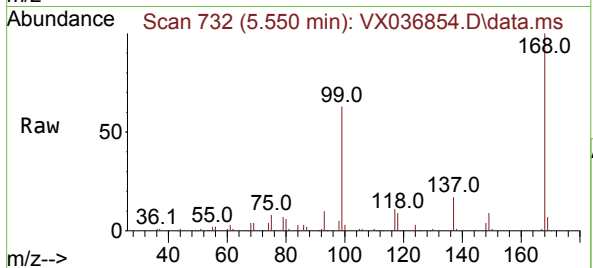




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

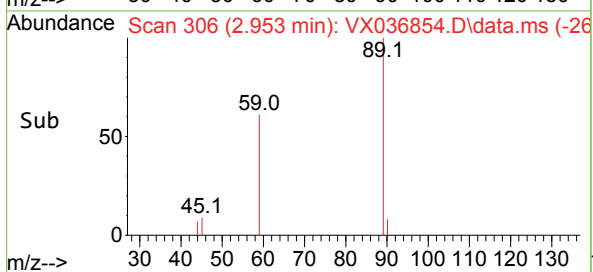
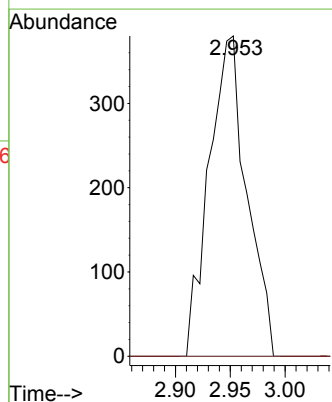
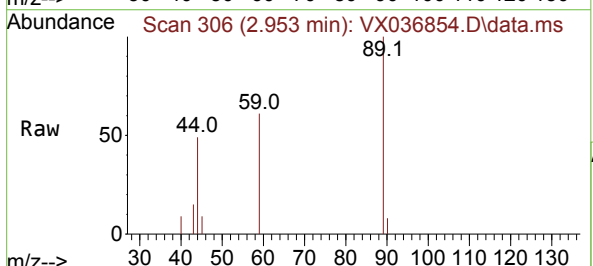
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

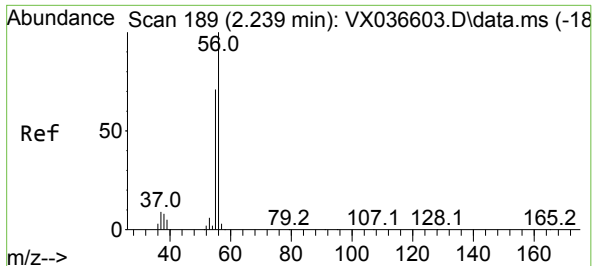
Tgt Ion:168 Resp: 142018
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.829 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 59 Resp: 910
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

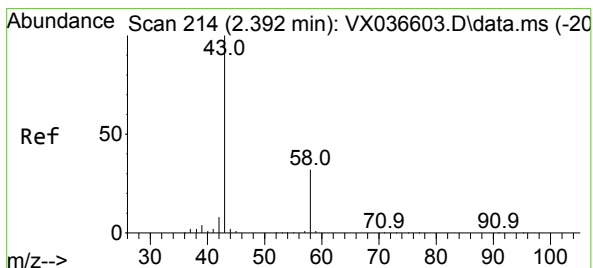
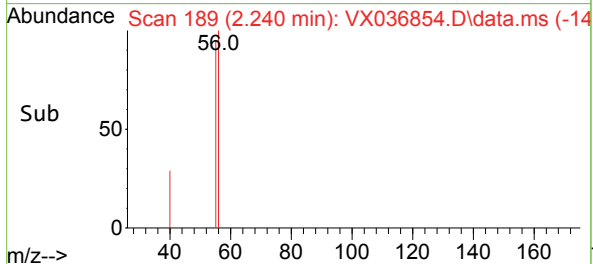
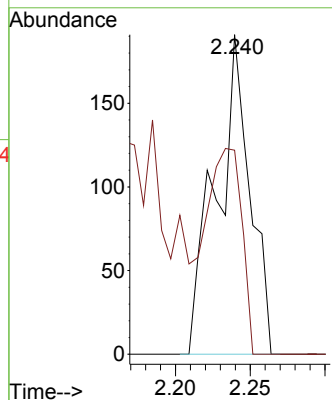
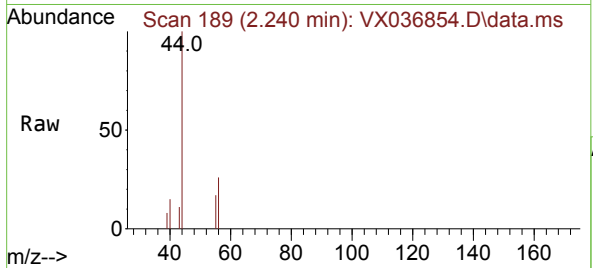




#13
Acrolein
Concen: 1.050 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

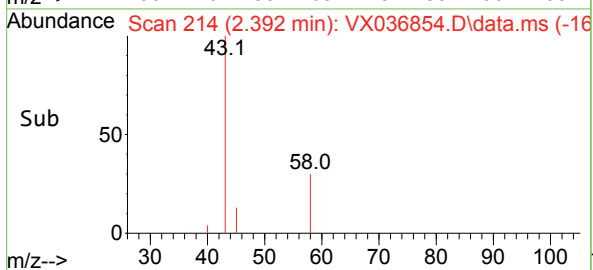
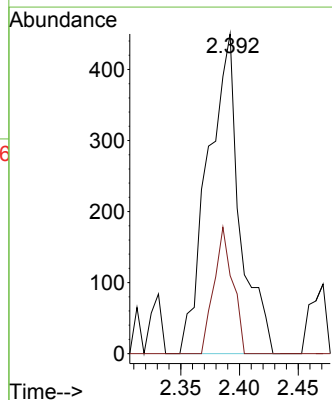
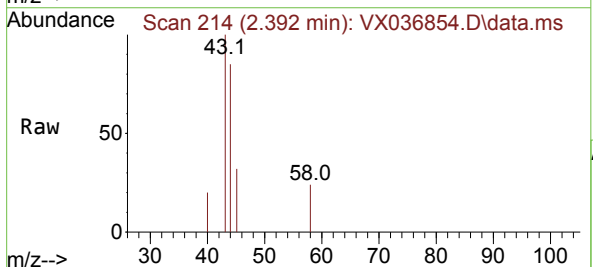
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

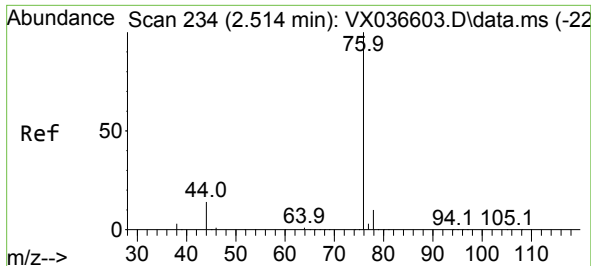
Tgt Ion: 56 Resp: 298
Ion Ratio Lower Upper
56 100
55 70.1 57.1 85.7



#16
Acetone
Concen: 0.981 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 24.4 21.9 32.9

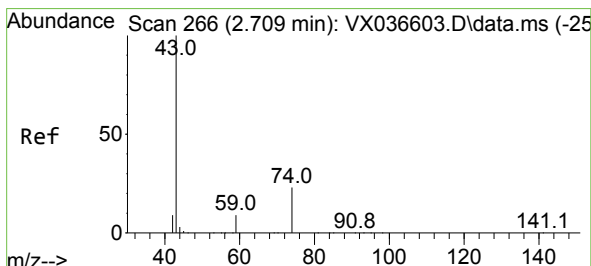
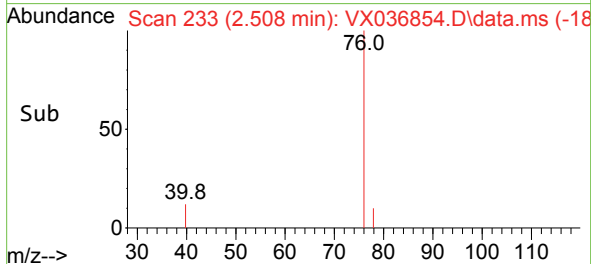
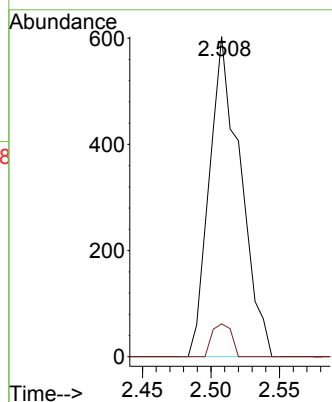
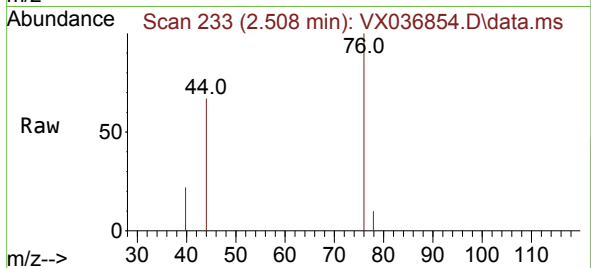




#17
Carbon Disulfide
Concen: 0.216 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

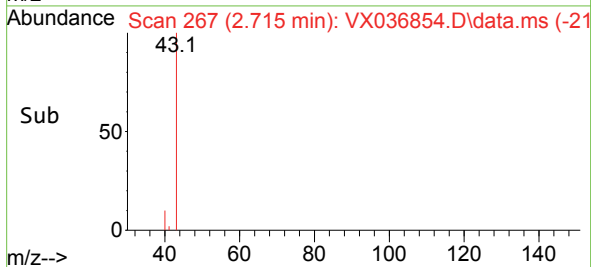
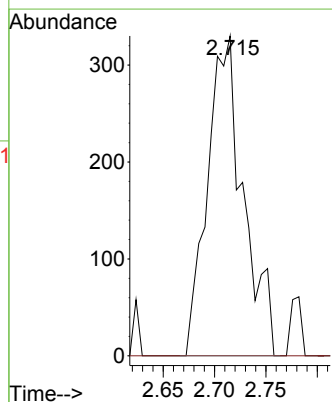
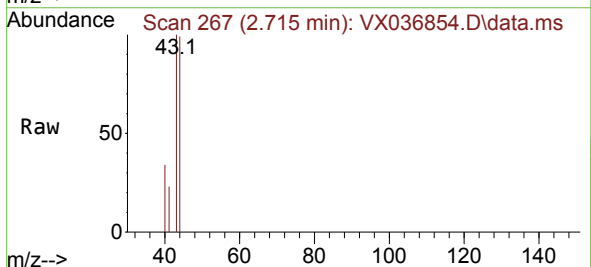
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

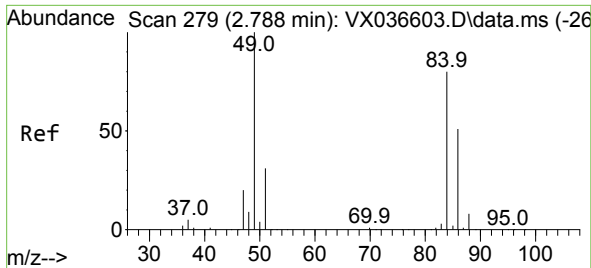
Tgt Ion: 76 Resp: 950
Ion Ratio Lower Upper
76 100
78 10.3 7.0 10.6



#18
Methyl Acetate
Concen: 0.218 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#





#20

Methylene Chloride

Concen: 0.862 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036854.D

Acq: 08 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBL01

Tgt Ion: 84 Resp: 1672

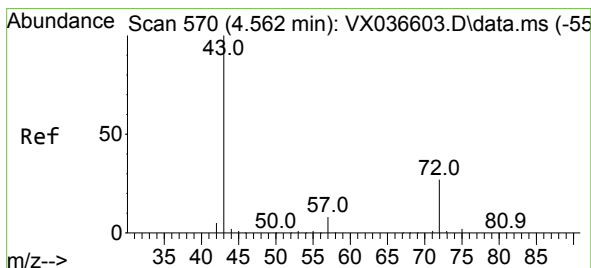
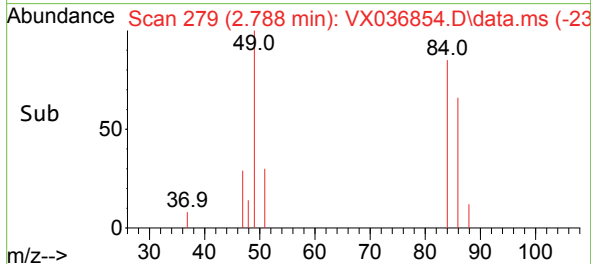
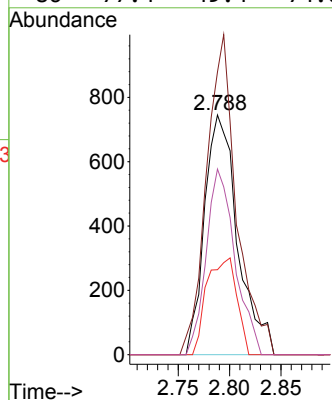
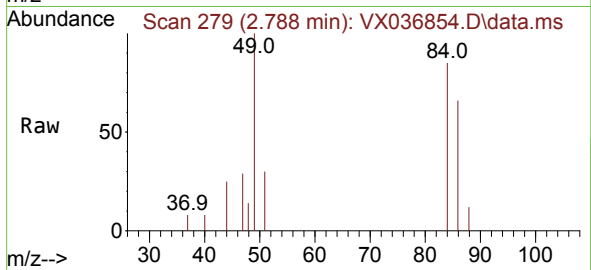
Ion Ratio Lower Upper

84 100

49 118.0 103.6 155.4

51 35.4 33.8 50.6

86 77.4 49.4 74.0#



#25

2-Butanone

Concen: 0.241 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX036854.D

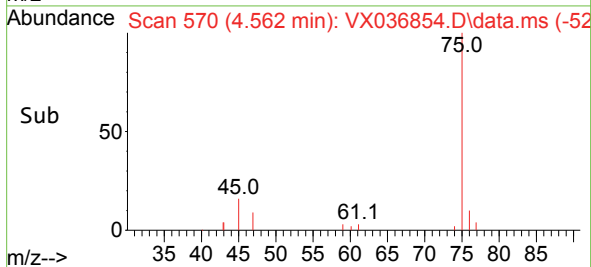
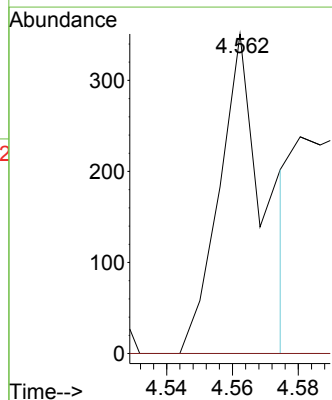
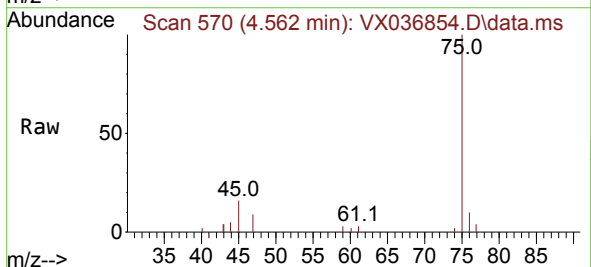
Acq: 08 Aug 2023 11:13

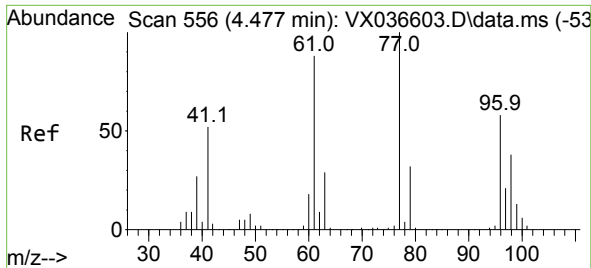
Tgt Ion: 43 Resp: 341

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#

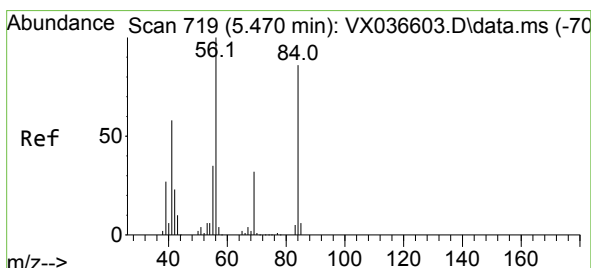
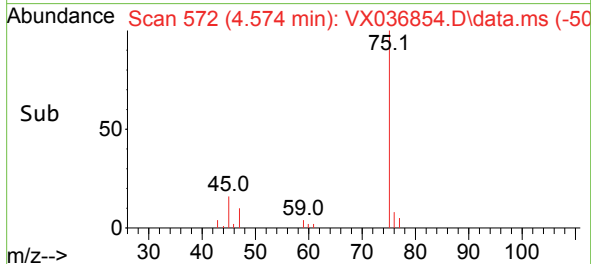
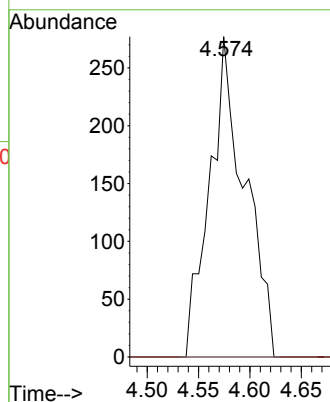
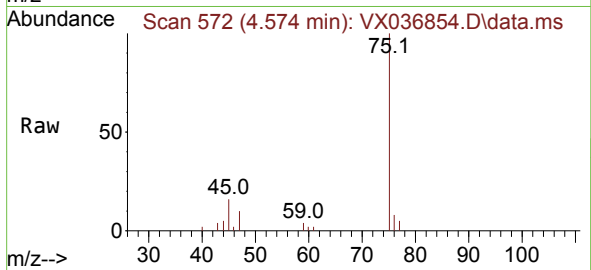




#26
2,2-Dichloropropane
Concen: 0.210 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.098 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

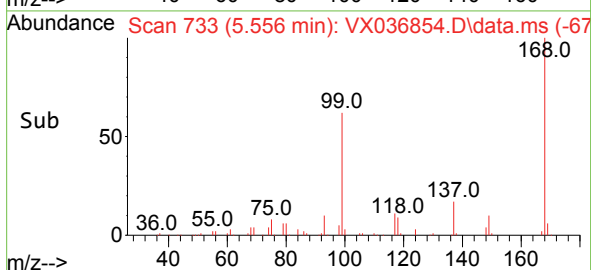
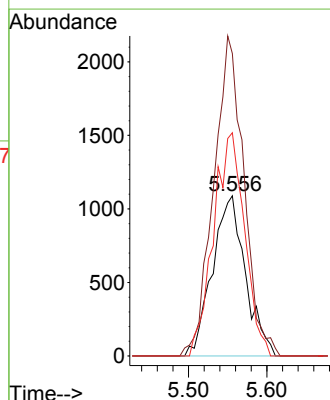
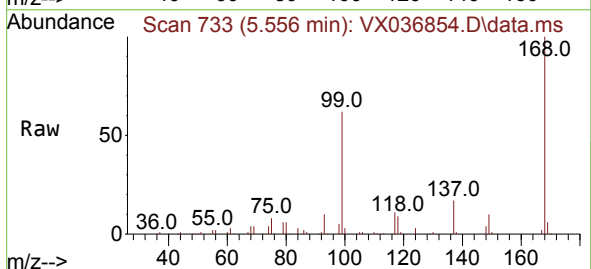
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

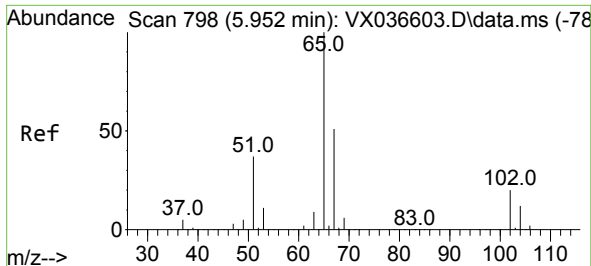
Tgt Ion: 77 Resp: 661
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 56 Resp: 3187
Ion Ratio Lower Upper
56 100
69 188.8 23.4 35.2#
84 139.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.500 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036854.D

Acq: 08 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

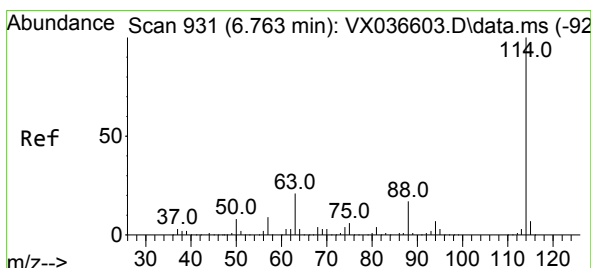
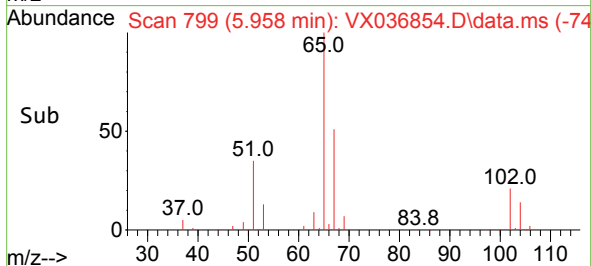
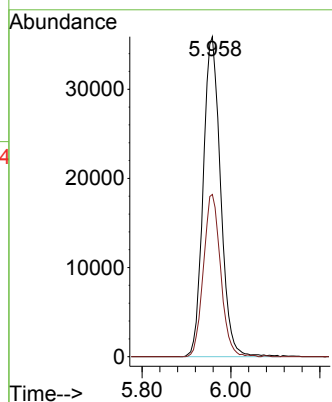
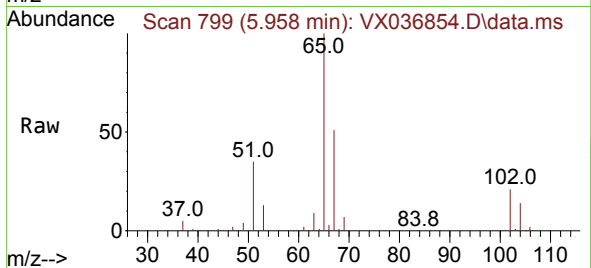
VX0808WBL01

Tgt Ion: 65 Resp: 97713

Ion Ratio Lower Upper

65 100

67 50.2 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: VX036854.D

Acq: 08 Aug 2023 11:13

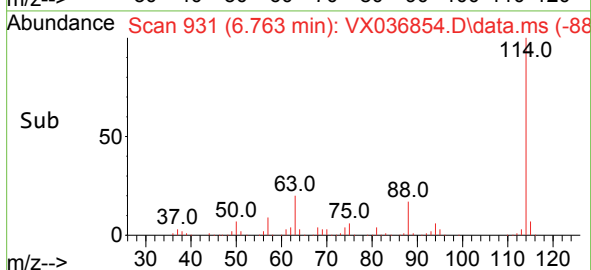
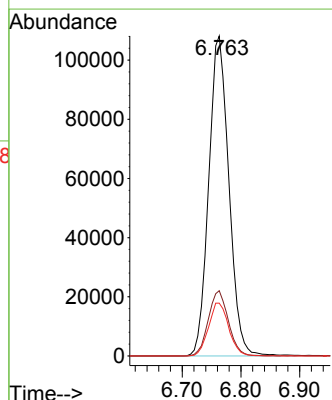
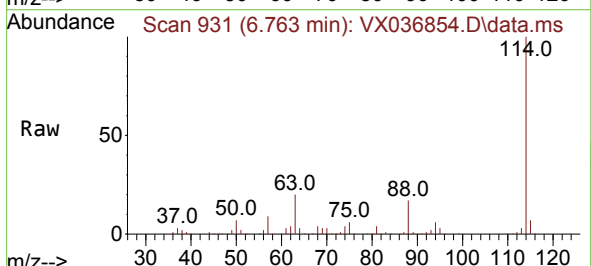
Tgt Ion: 114 Resp: 257792

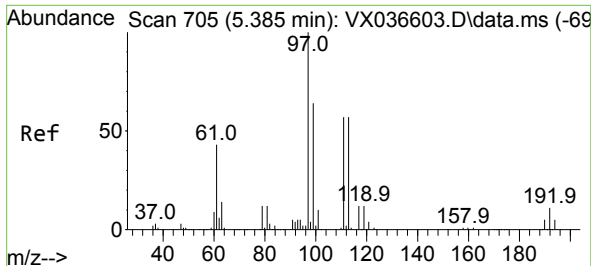
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.5 0.0 36.6

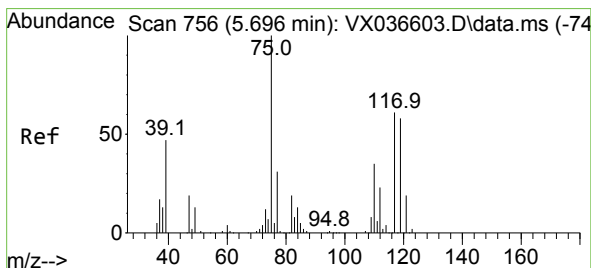
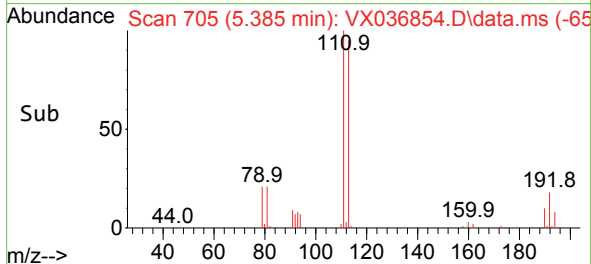
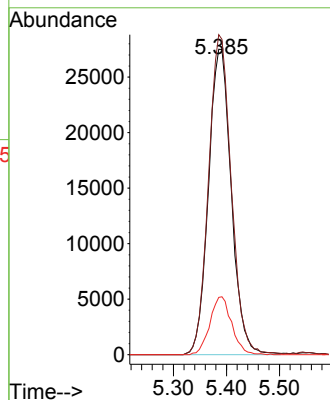
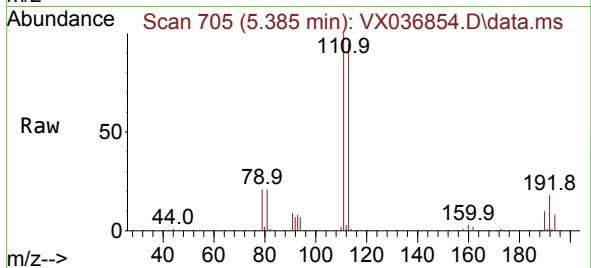




#35
Dibromofluoromethane
Concen: 46.449 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

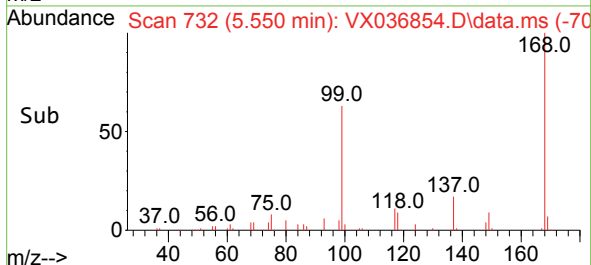
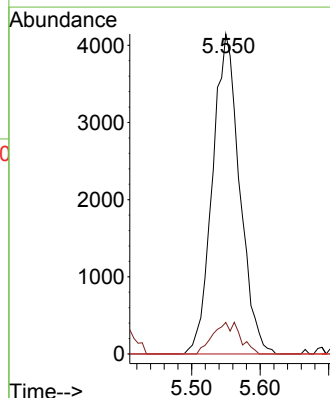
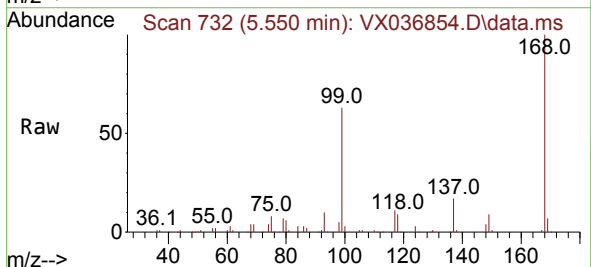
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

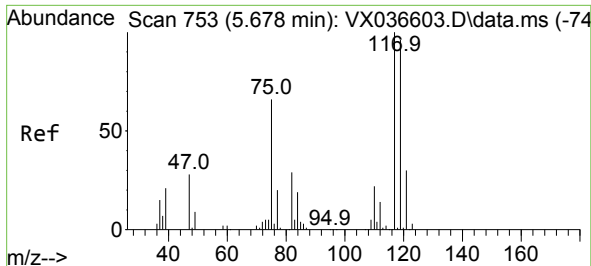
Tgt Ion:113 Resp: 82303
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.324 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 75 Resp: 11421
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

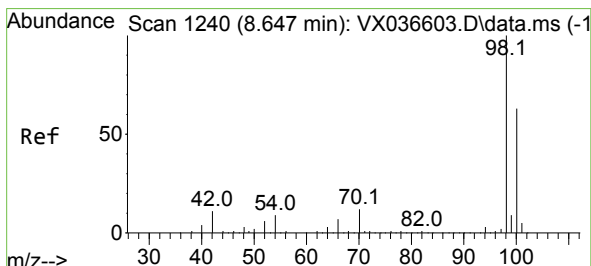
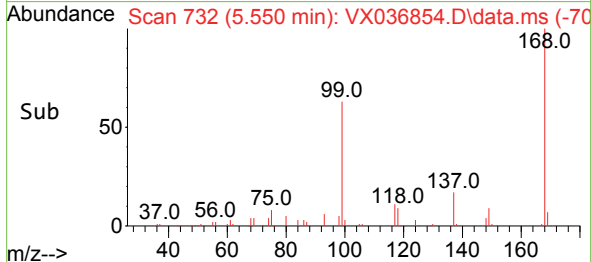
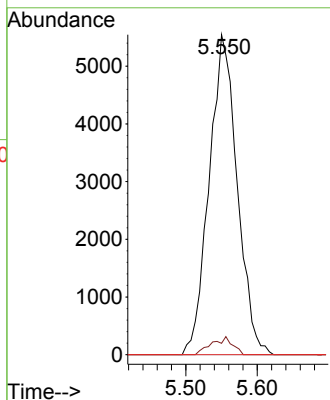
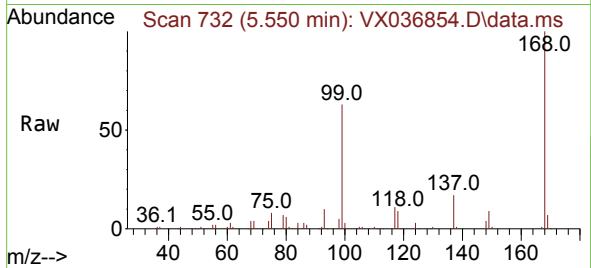




#38
Carbon Tetrachloride
Concen: 5.386 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

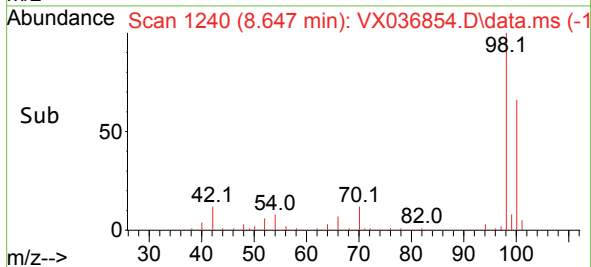
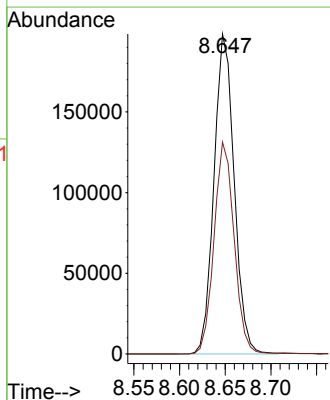
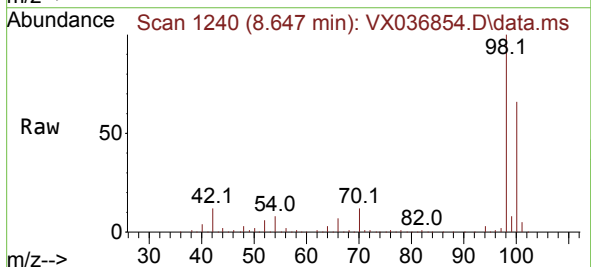
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

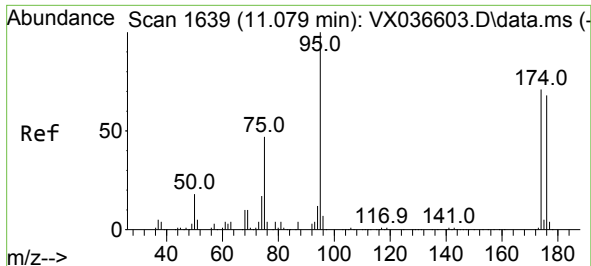
Tgt Ion:117 Resp: 15123
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 98 Resp: 304732
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

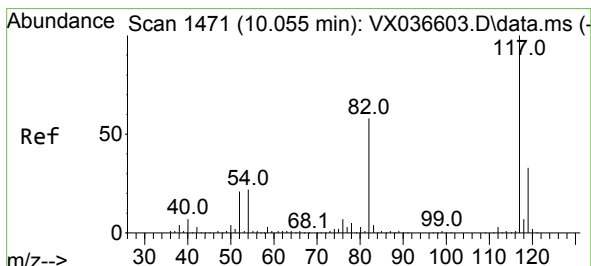
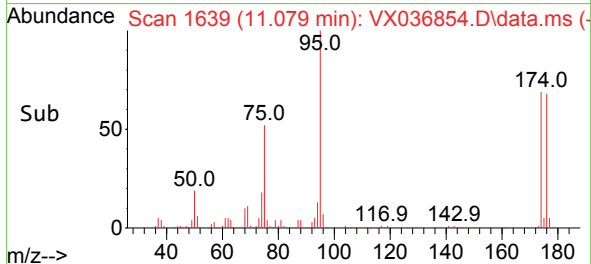
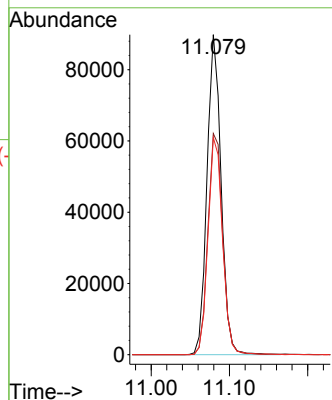
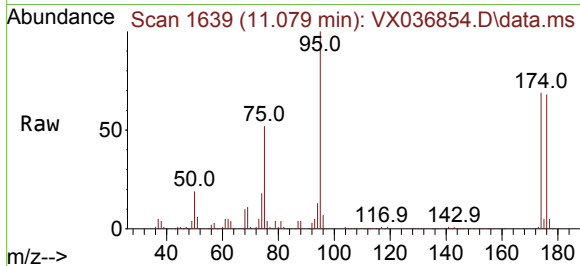




#62
4-Bromofluorobenzene
Concen: 47.205 ug/l
RT: 11.079 min Scan# 111908
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

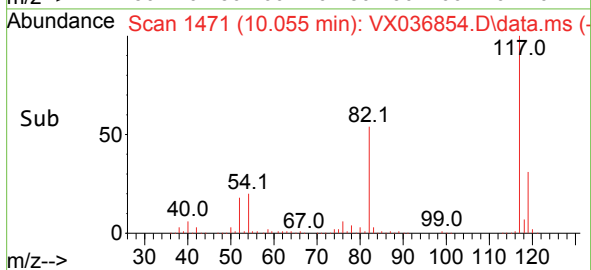
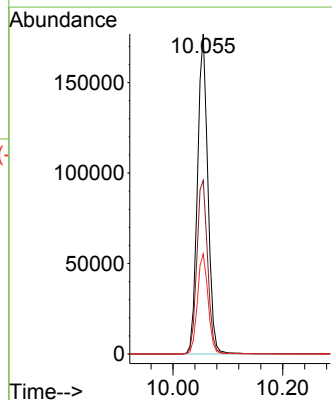
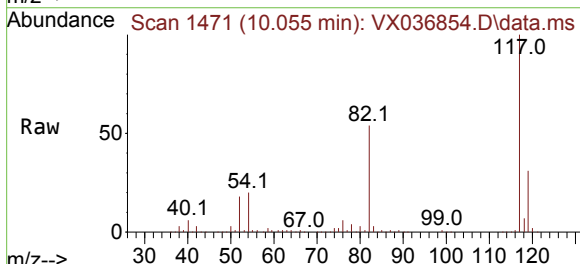
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

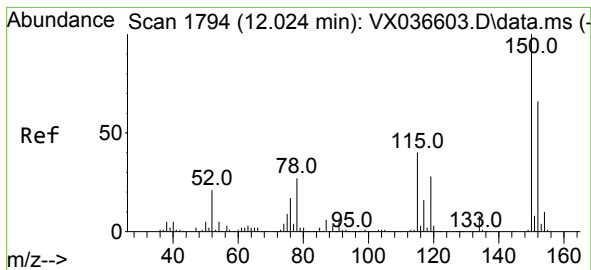
Tgt Ion: 95 Resp: 111908
Ion Ratio Lower Upper
95 100
174 72.7 0.0 135.6
176 69.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 117 Resp: 234707
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 31.3 25.5 38.3

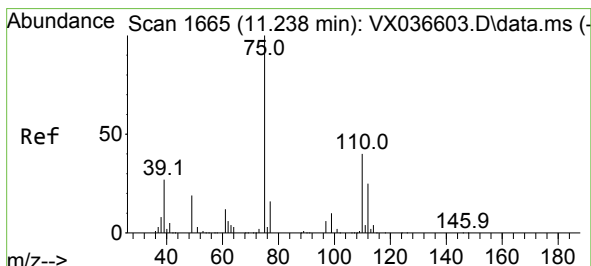
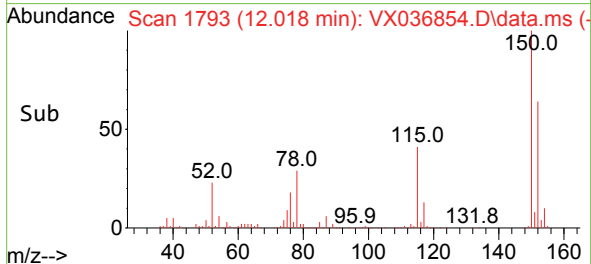
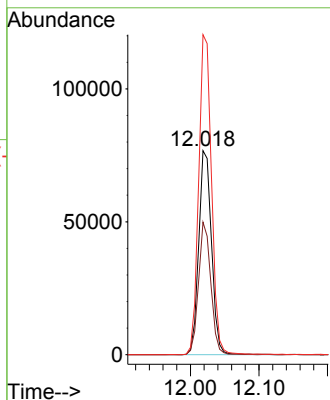
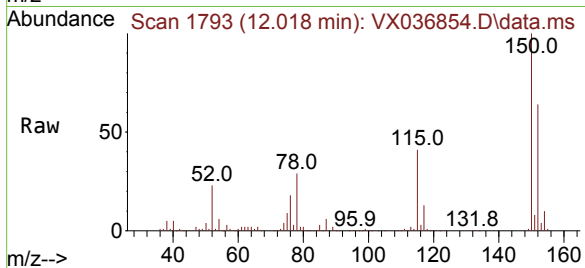




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

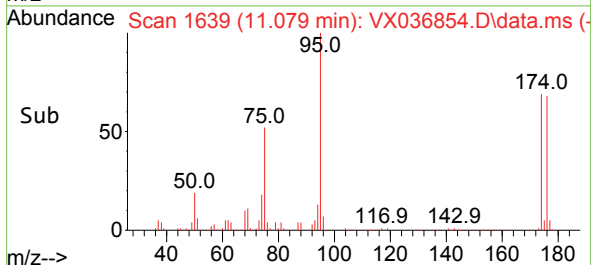
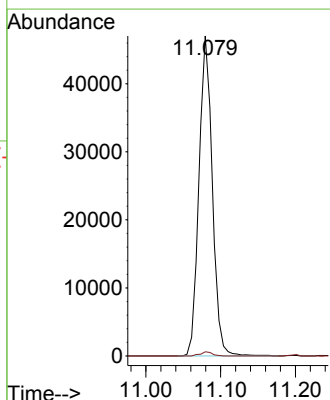
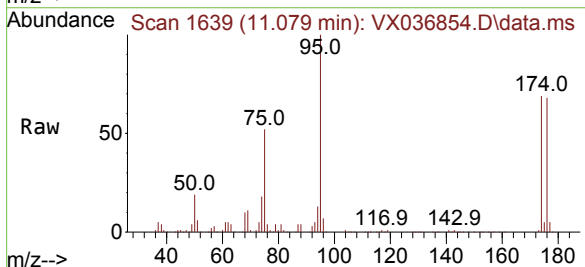
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

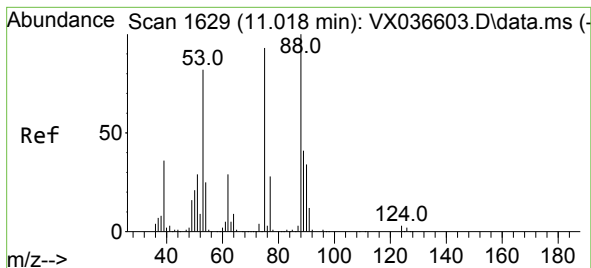
Tgt Ion:152 Resp: 99890
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 157.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.847 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion: 75 Resp: 58378
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

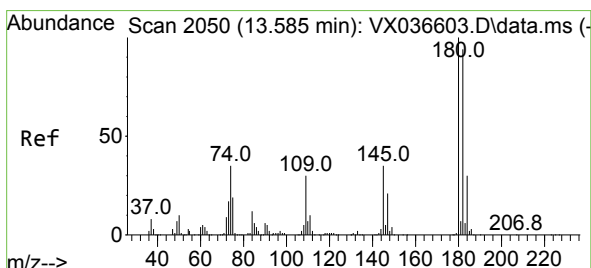
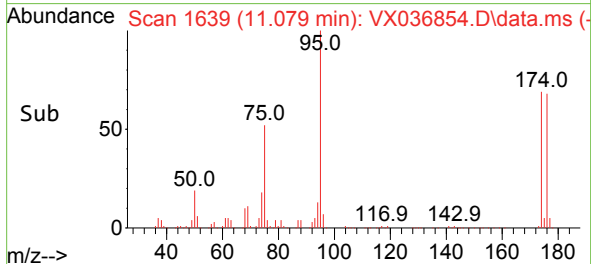
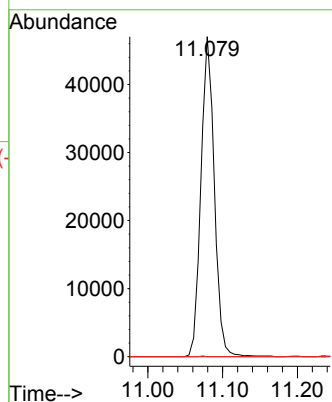
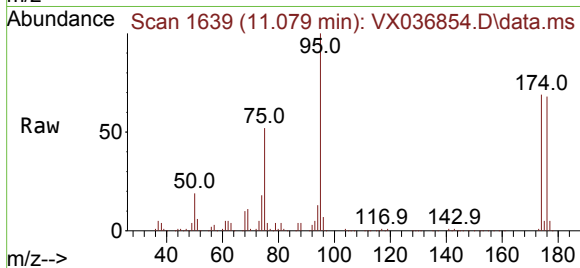




#81
trans-1,4-Dichloro-2-butene
Concen: 56.317 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

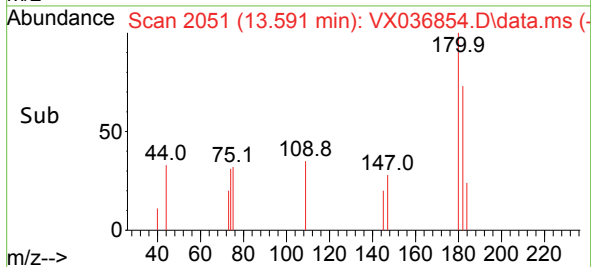
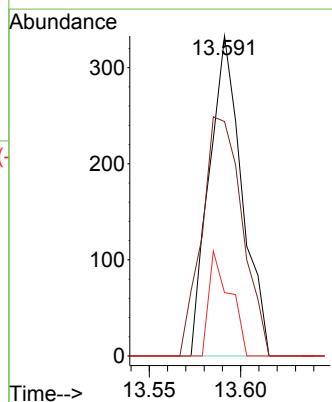
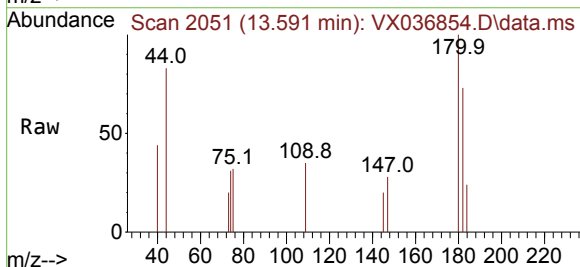
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBL01

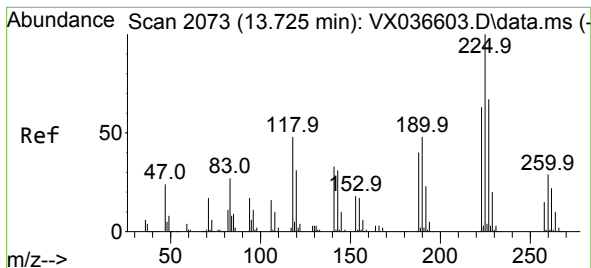
Tgt Ion: 75 Resp: 58378
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.200 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036854.D
Acq: 08 Aug 2023 11:13

Tgt Ion:180 Resp: 415
Ion Ratio Lower Upper
180 100
182 92.0 48.3 144.8
145 21.0 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.241 ug/l

RT: 13.725 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX036854.D

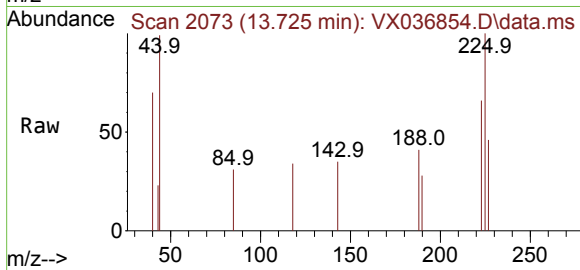
Acq: 08 Aug 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBL01



Tgt Ion:225 Resp: 207

Ion Ratio Lower Upper

225 100

223 77.3 31.1 93.2

227 47.3 32.5 97.5

