

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036904.D
 Acq On : 10 Aug 2023 10:48
 Operator : JC/MD
 Sample : VX0810WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 01:41:53 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)

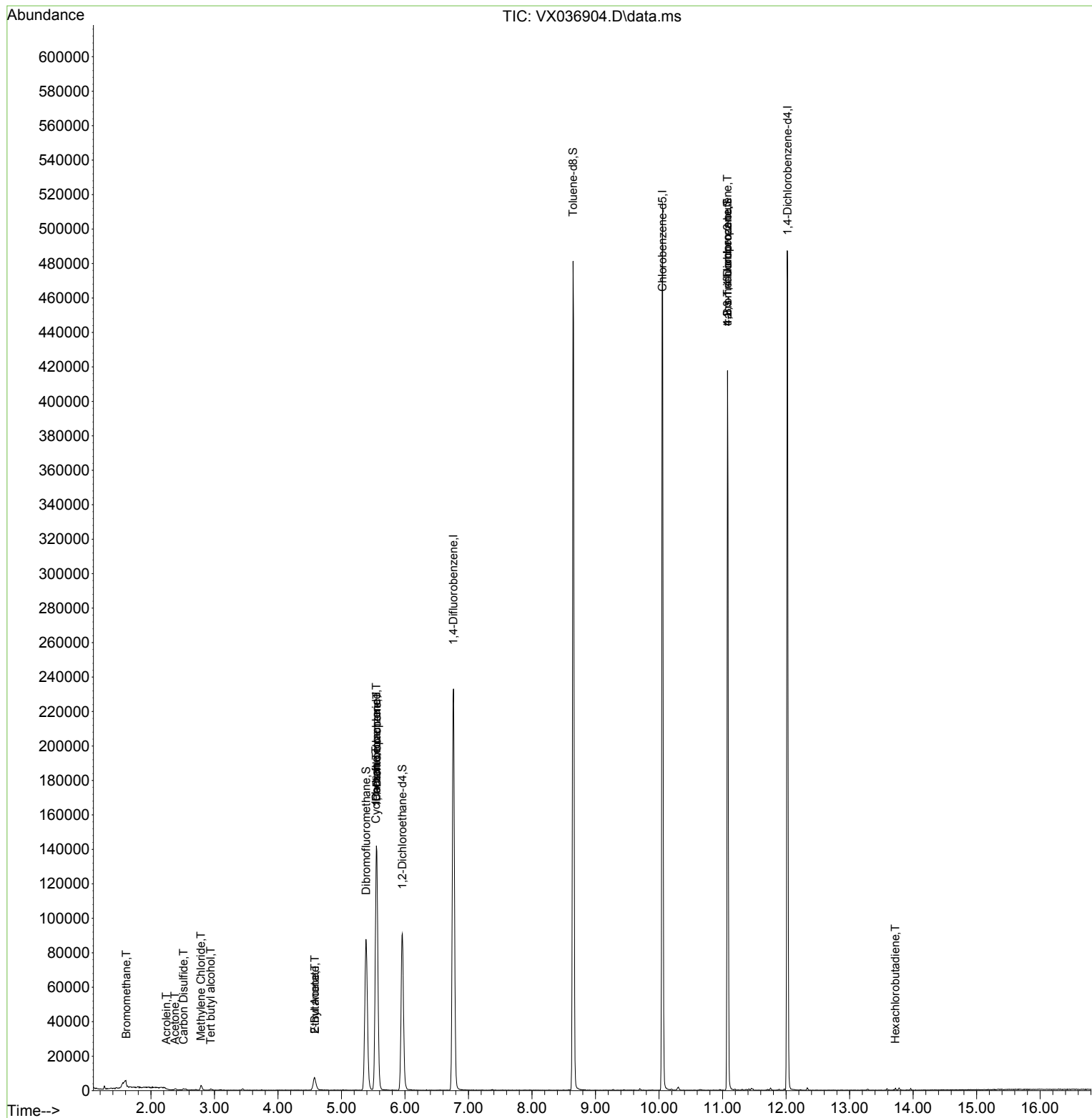
Internal Standards						
1) Pentafluorobenzene	5.549	168	130905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91403	47.190	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.380%
35) Dibromofluoromethane	5.385	113	76999	46.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.646	98	290081	49.151	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	110396	49.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	261	0.273	ug/l	97
11) Tert butyl alcohol	2.940	59	479	1.045	ug/l #	78
13) Acrolein	2.239	56	190	0.726	ug/l #	36
16) Acetone	2.379	43	801	0.997	ug/l #	88
17) Carbon Disulfide	2.513	76	912	0.225	ug/l #	76
20) Methylene Chloride	2.788	84	1474	0.825	ug/l #	77
25) 2-Butanone	4.580	43	582	0.446	ug/l #	51
31) Cyclohexane	5.543	56	3155	1.176	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	11046	4.453	ug/l #	50
37) Ethyl Acetate	4.580	43	582	0.207	ug/l #	29
38) Carbon Tetrachloride	5.549	117	14095	5.345	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	57556	23.940	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57556	54.261	ug/l #	5
94) Hexachlorobutadiene	13.719	225	266	0.303	ug/l	75

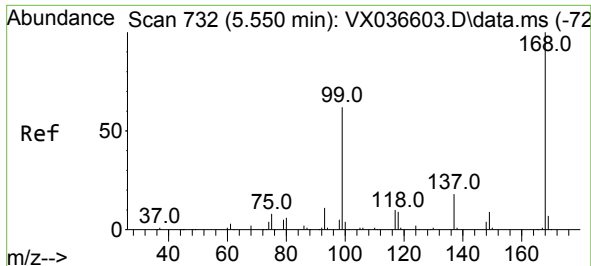
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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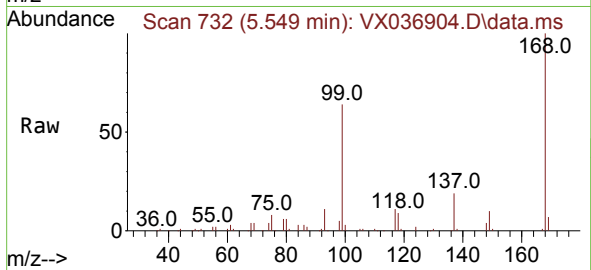
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



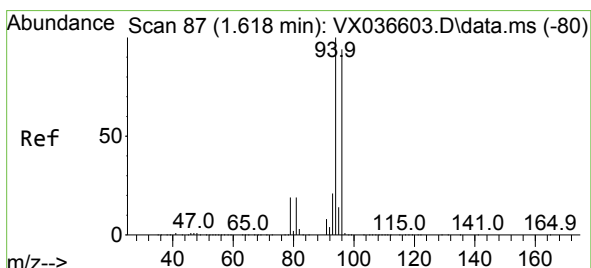
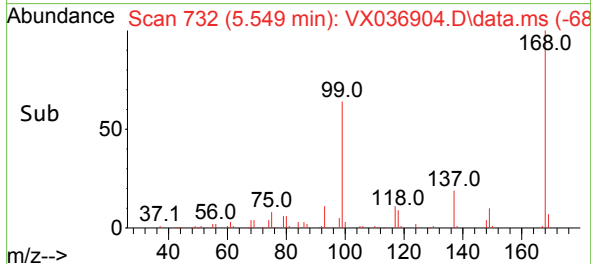
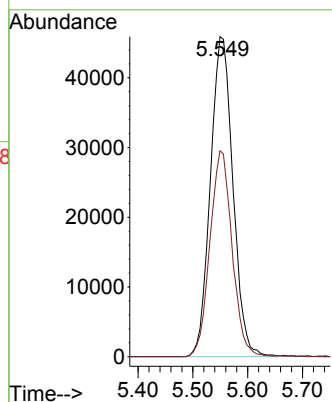


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :

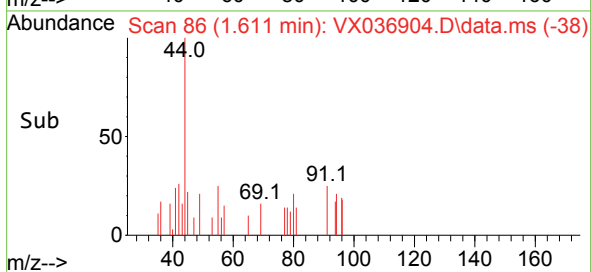
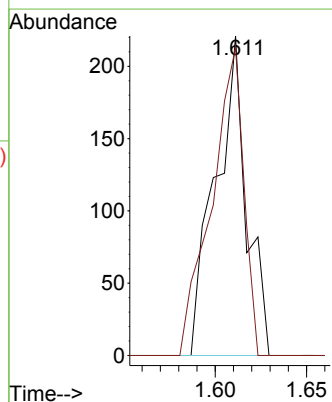
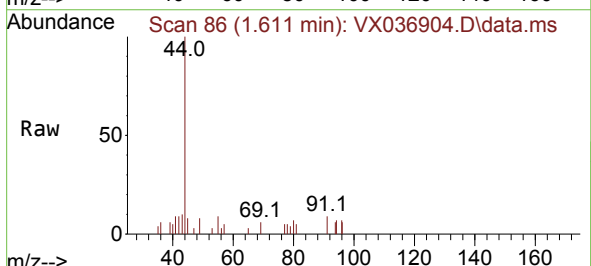


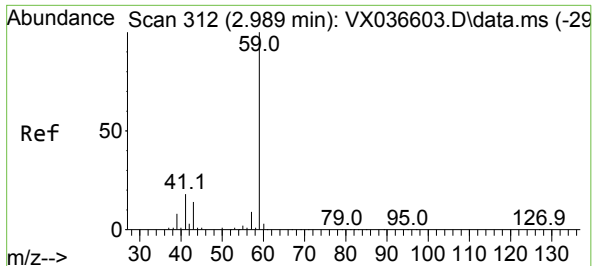
Tgt Ion:168 Resp: 130905
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#5
Bromomethane
Concen: 0.273 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 96.4 74.6 111.8





#11

Tert butyl alcohol

Concen: 1.045 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.049 min

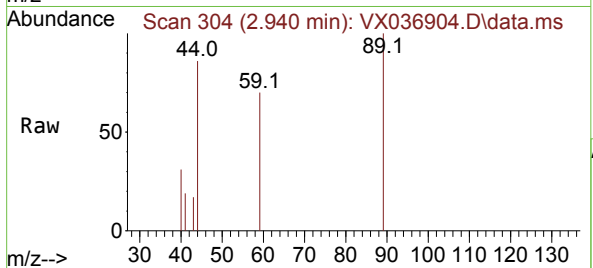
Lab File: VX036904.D

Acq: 10 Aug 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

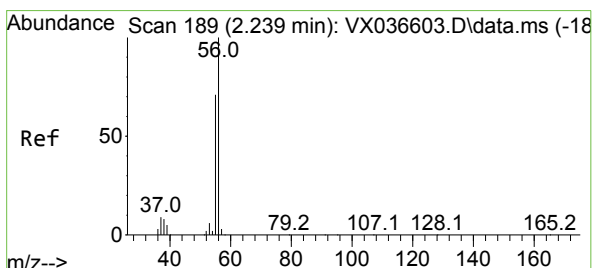
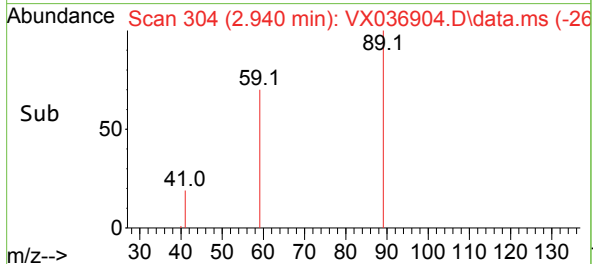
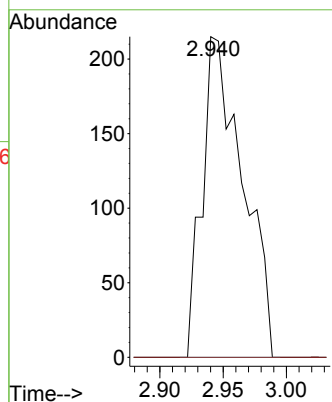


Tgt Ion: 59 Resp: 479

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.726 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX036904.D

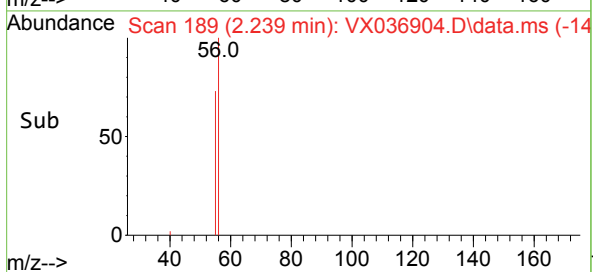
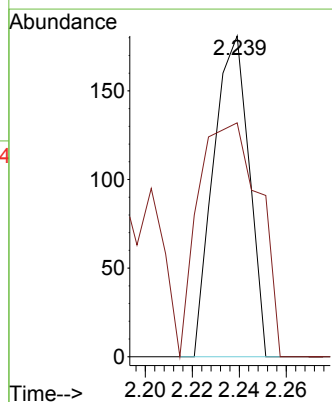
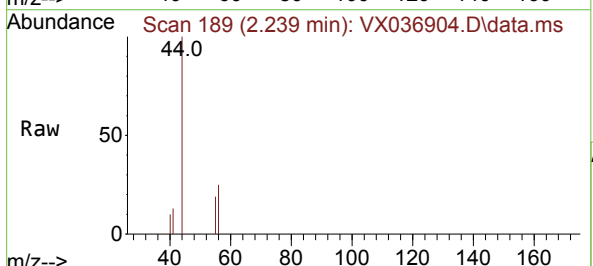
Acq: 10 Aug 2023 10:48

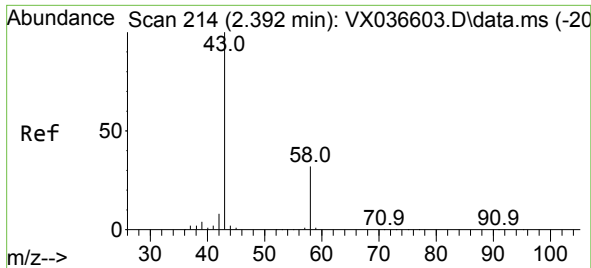
Tgt Ion: 56 Resp: 190

Ion Ratio Lower Upper

56 100

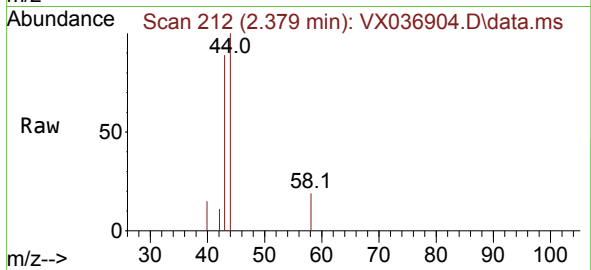
55 124.7 57.1 85.7#



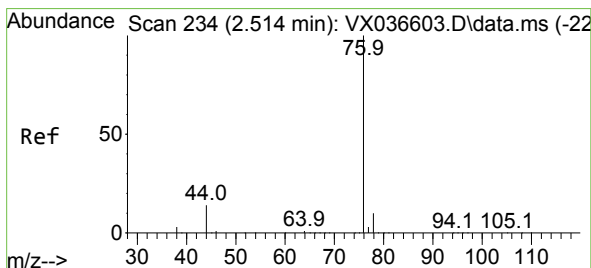
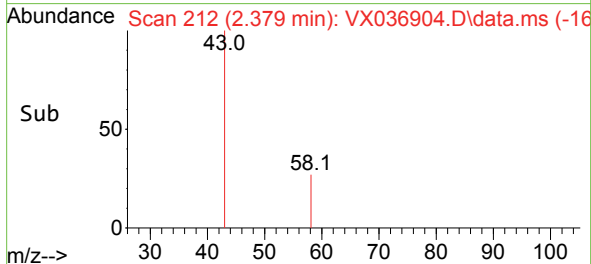
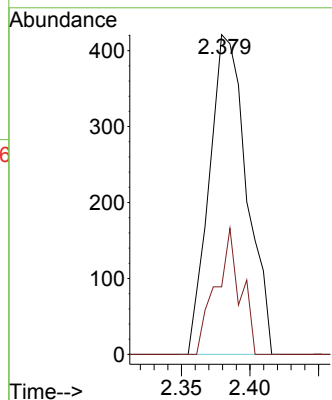


#16
Acetone
Concen: 0.997 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :

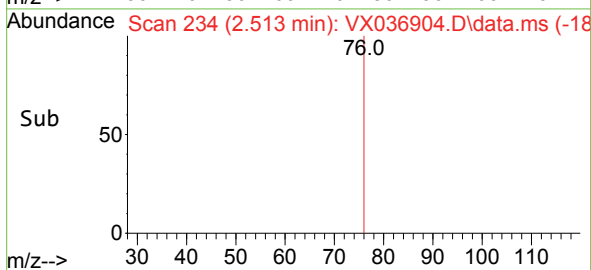
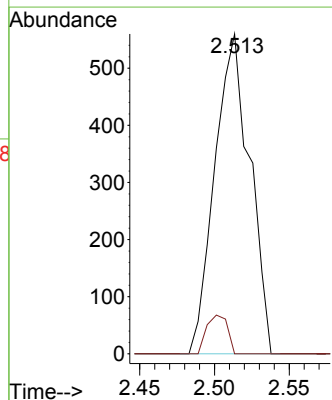
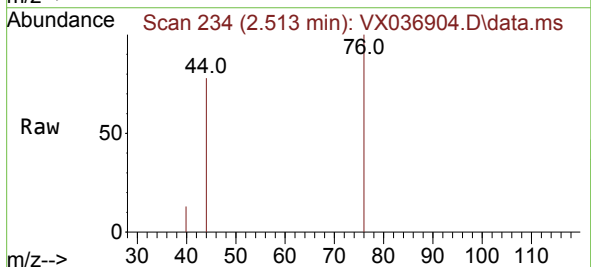


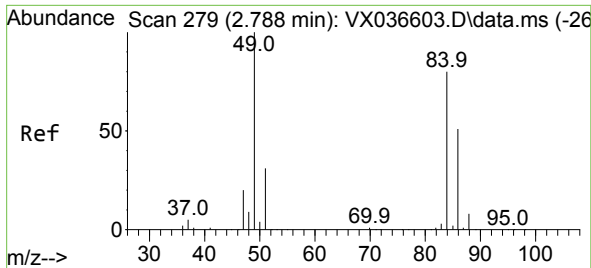
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 21.1 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

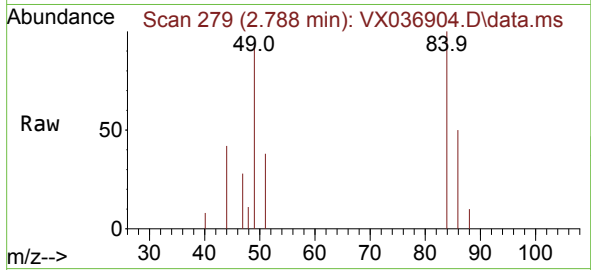
Tgt Ion: 76 Resp: 912
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



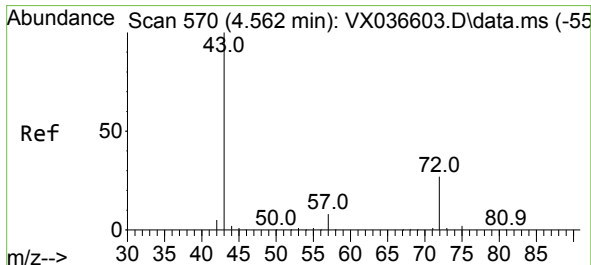
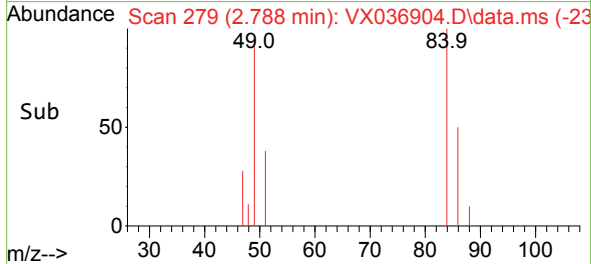
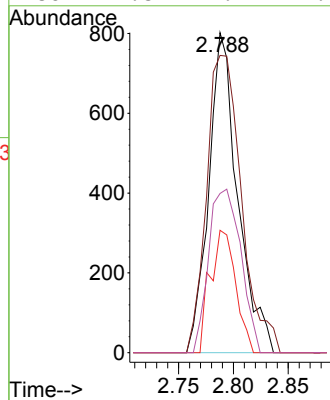


#20
Methylene Chloride
Concen: 0.825 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :

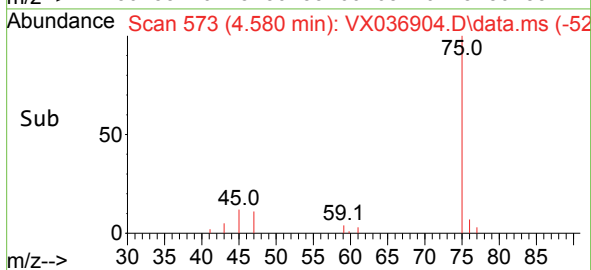
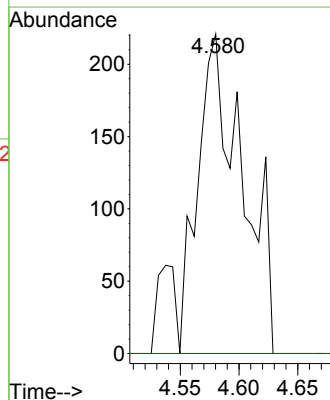
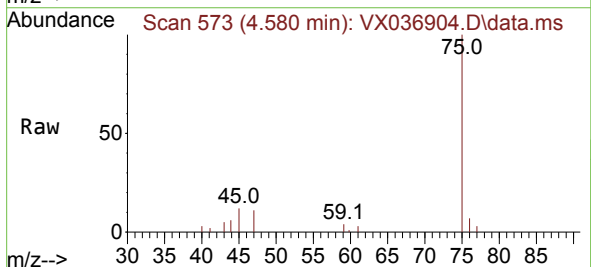


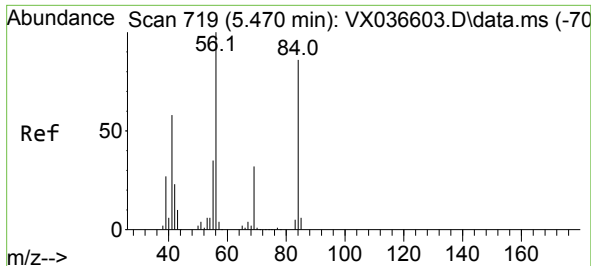
Tgt Ion:	84	Resp:	1474
Ion	Ratio	Lower	Upper
84	100		
49	92.9	103.6	155.4#
51	38.3	33.8	50.6
86	49.8	49.4	74.0



#25
2-Butanone
Concen: 0.446 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

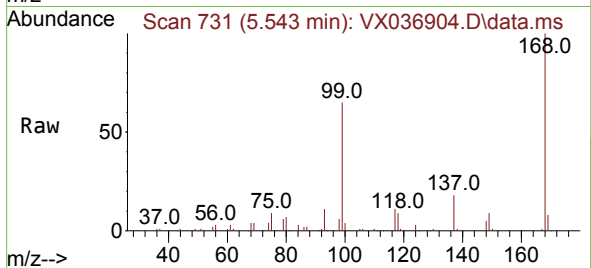
Tgt Ion:	43	Resp:	582
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



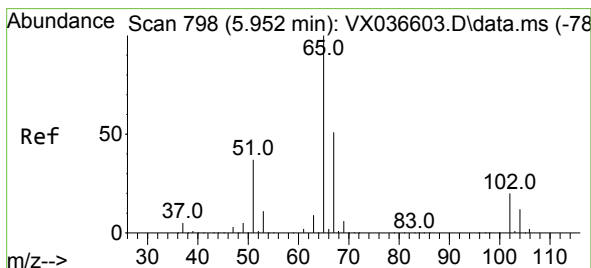
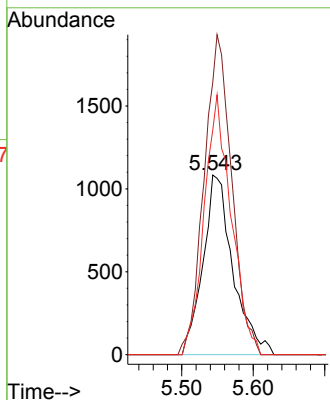
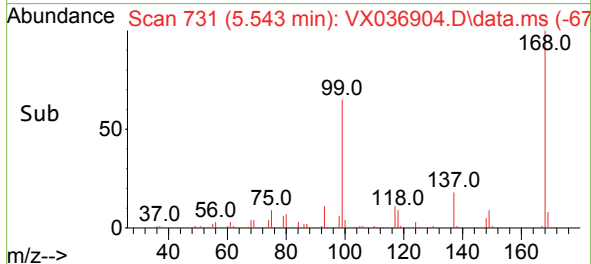


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :

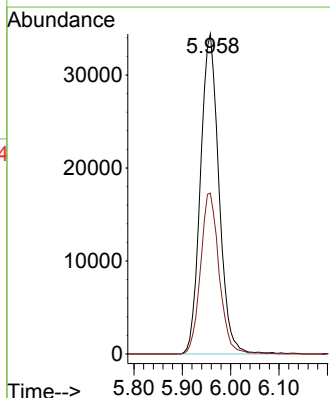
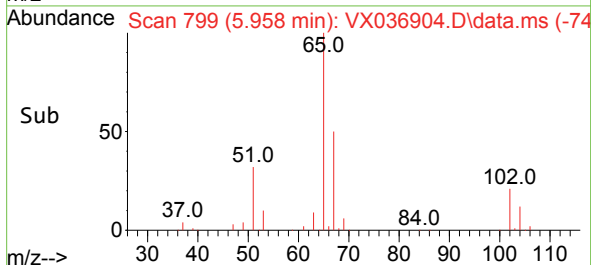
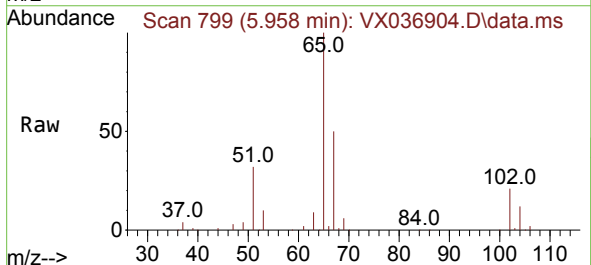


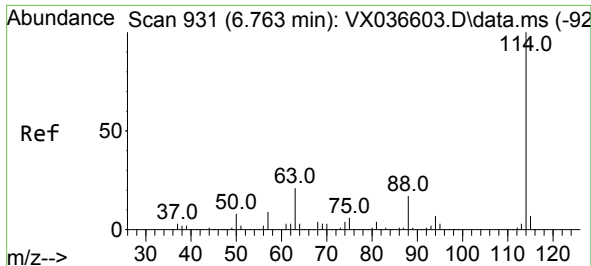
Tgt Ion: 56 Resp: 3155
Ion Ratio Lower Upper
56 100
69 151.4 23.4 35.2#
84 124.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.190 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

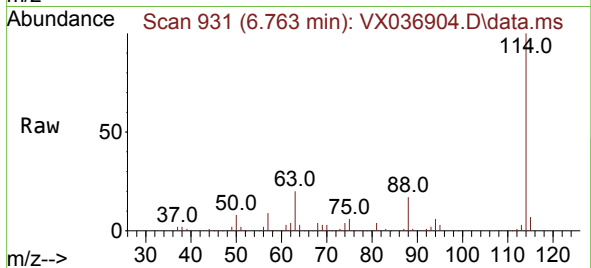
Tgt Ion: 65 Resp: 91403
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2



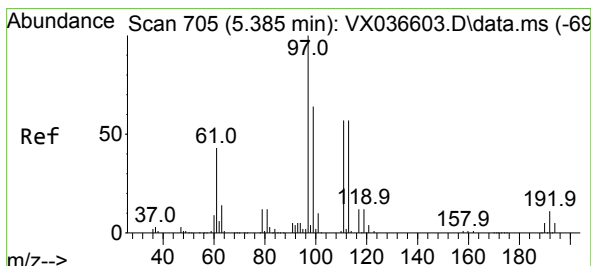
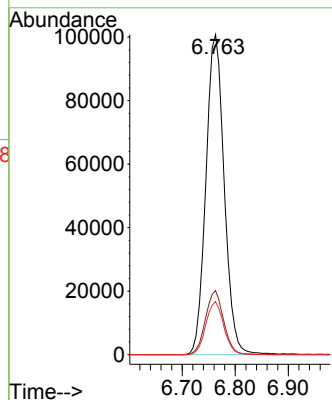
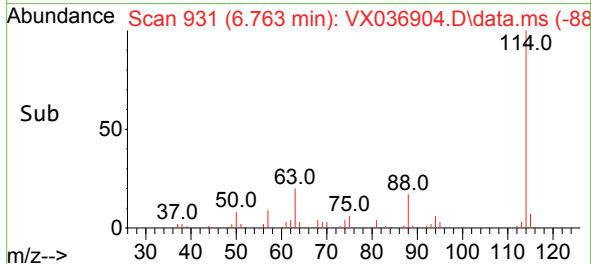


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

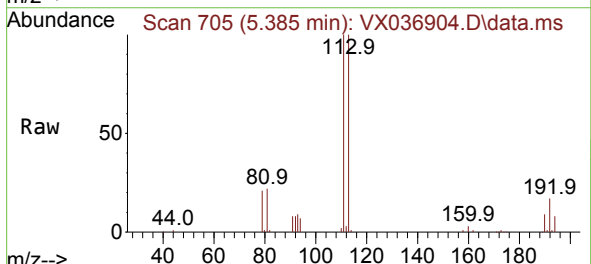
Instrument :
MSVOA_X
ClientSampleId :



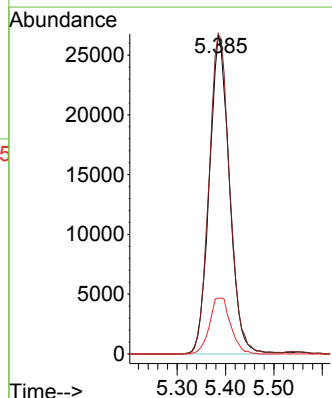
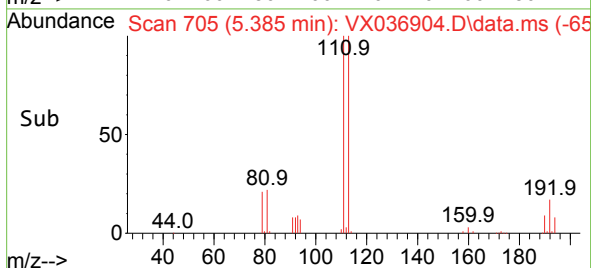
Tgt Ion:114 Resp: 242127
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.6 0.0 36.6

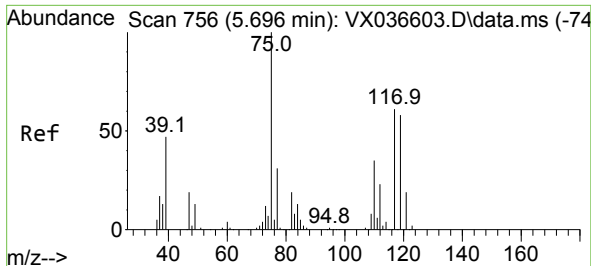


#35
Dibromofluoromethane
Concen: 46.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48



Tgt Ion:113 Resp: 76999
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.4 13.3 19.9

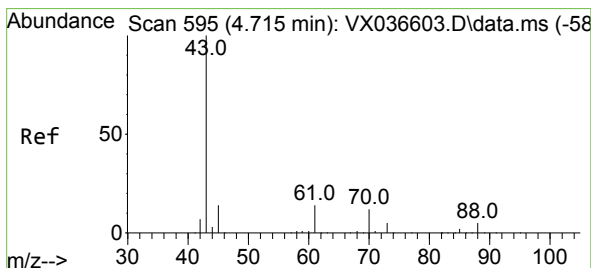
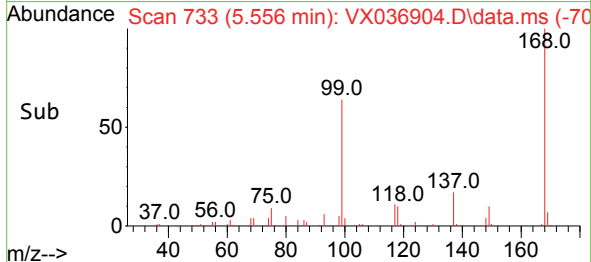
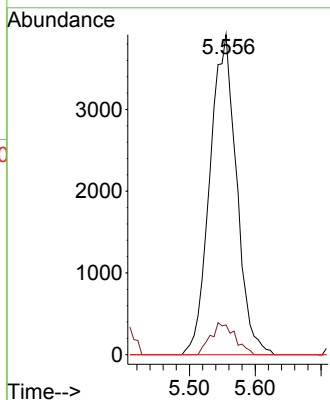
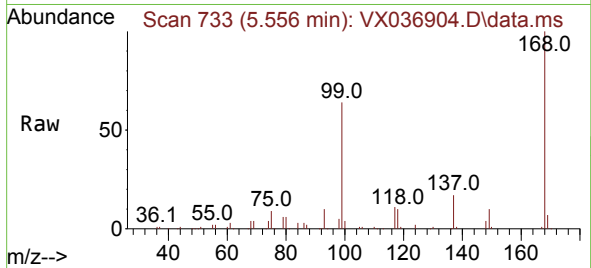




#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

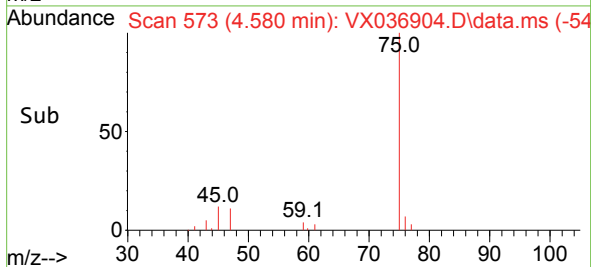
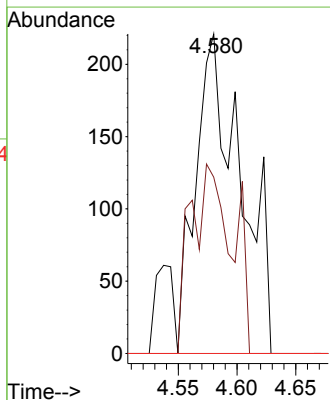
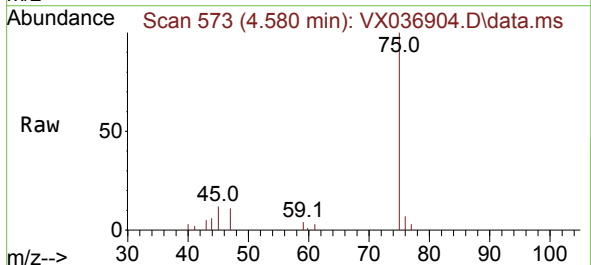
Instrument :
MSVOA_X
ClientSampleId :

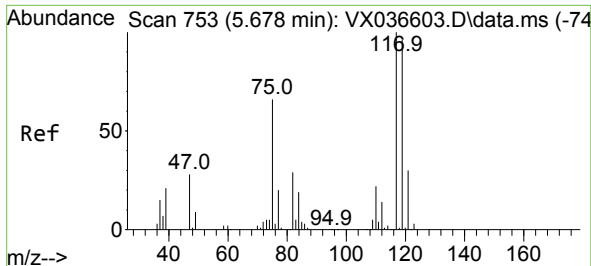
Tgt Ion: 75 Resp: 11046
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.207 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.134 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

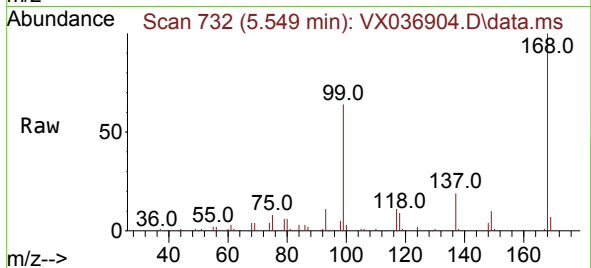
Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
61 55.5 10.6 16.0#
70 0.0 8.3 12.5#



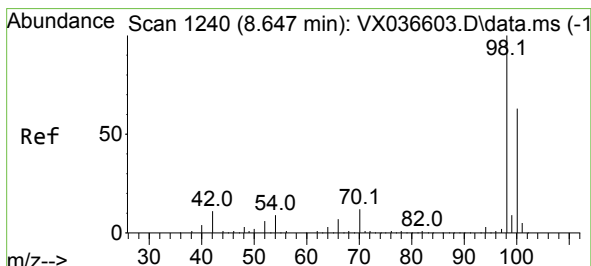
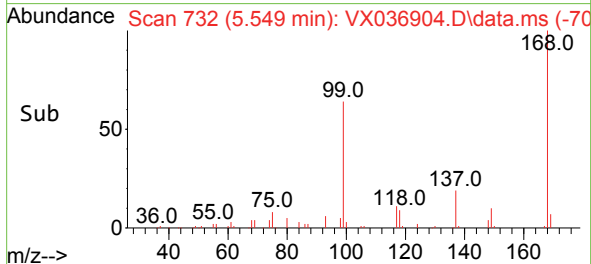
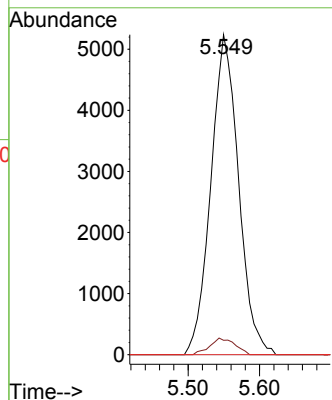


#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :

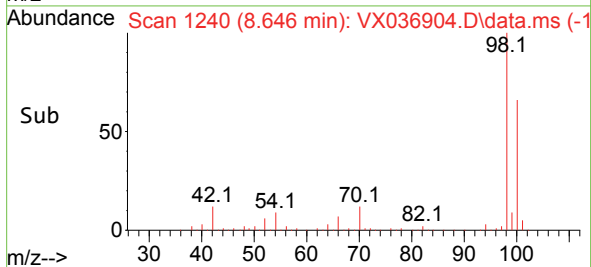
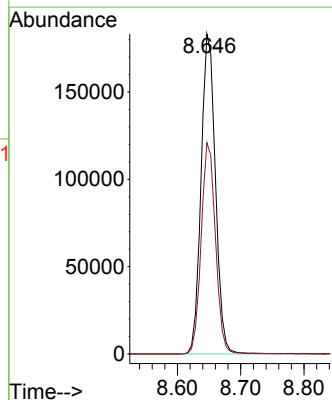
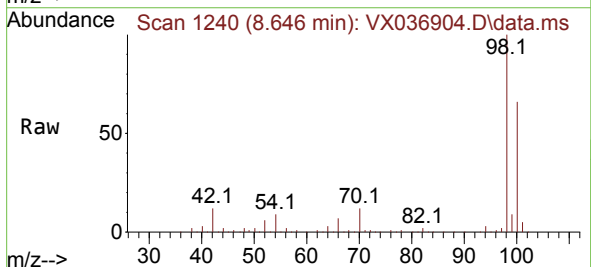


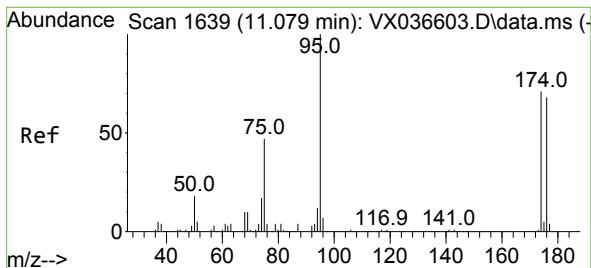
Tgt Ion:117 Resp: 14095
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.151 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

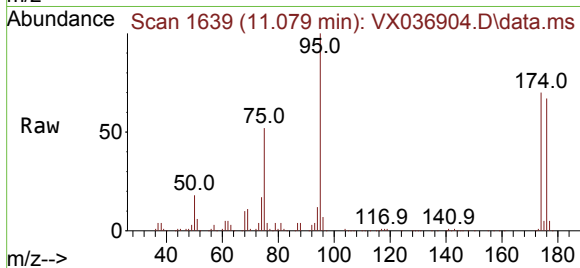
Tgt Ion: 98 Resp: 290081
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



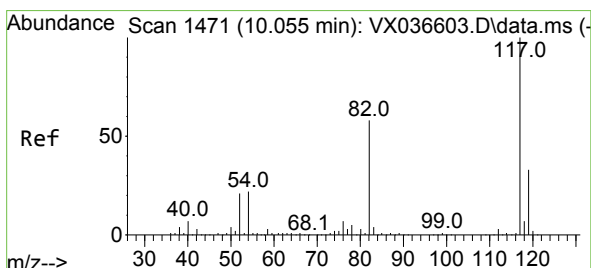
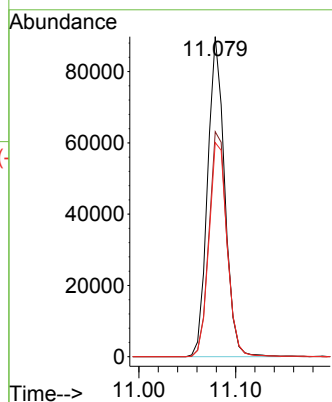
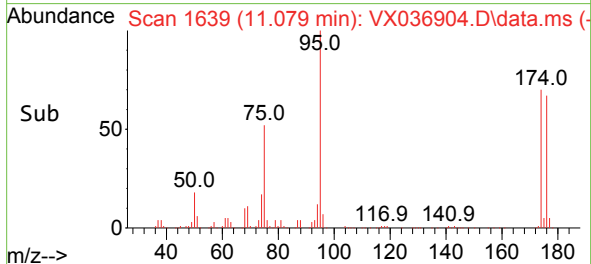


#62
4-Bromofluorobenzene
Concen: 49.580 ug/l
RT: 11.079 min Scan# 110396
Delta R.T. -0.000 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

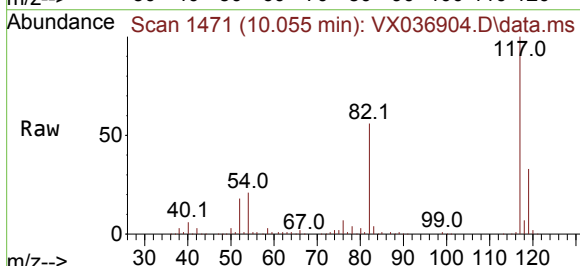
Instrument :
MSVOA_X
ClientSampleId :



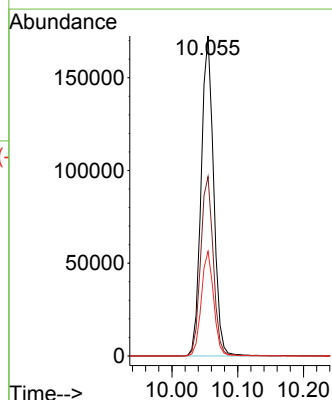
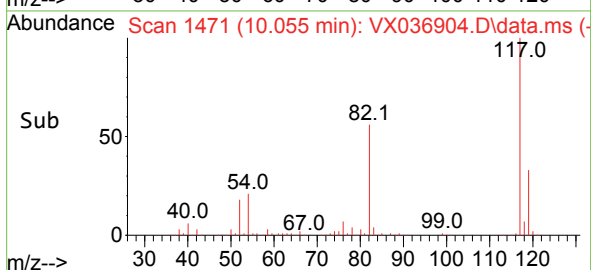
Tgt Ion: 95 Resp: 110396
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 71.1 0.0 131.0

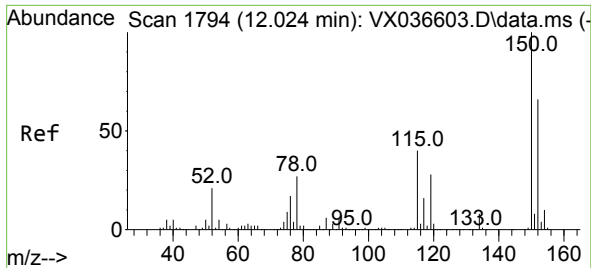


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48



Tgt Ion: 117 Resp: 227862
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.7 25.5 38.3

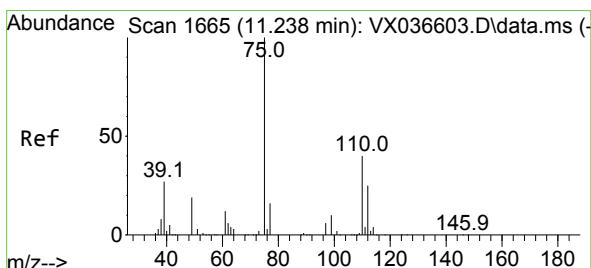
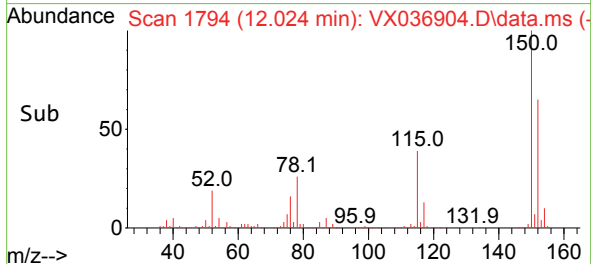
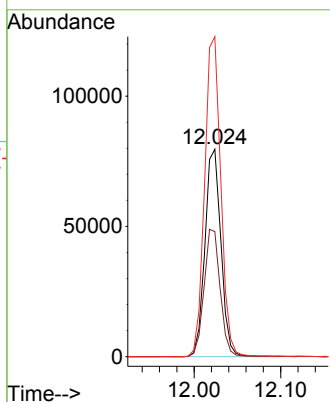
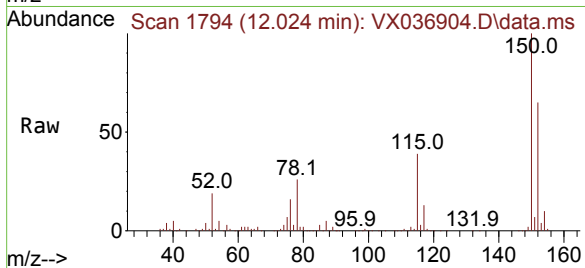




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036904.D
 Acq: 10 Aug 2023 10:48

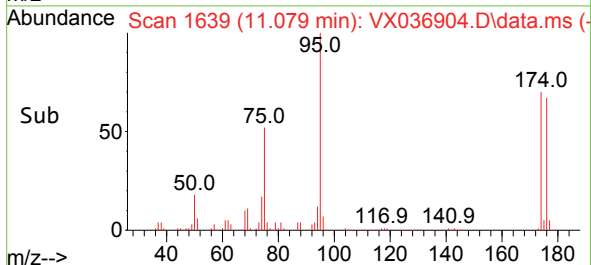
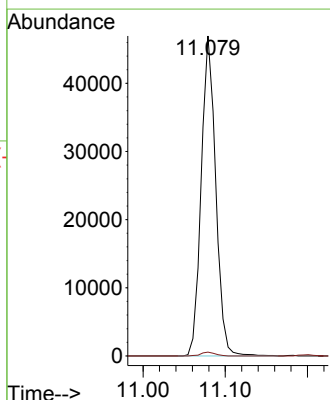
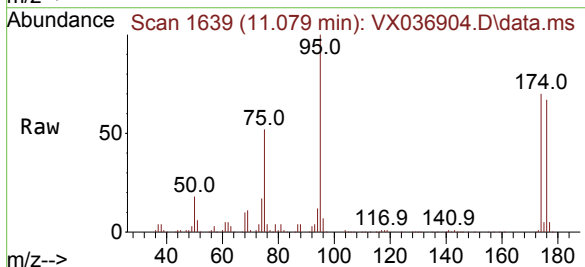
Instrument :
 MSVOA_X
 ClientSampleId :

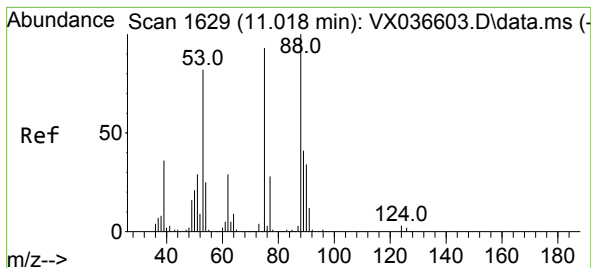
Tgt Ion:152 Resp: 102215
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.3 129.9
 150 156.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.940 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036904.D
 Acq: 10 Aug 2023 10:48

Tgt Ion: 75 Resp: 57556
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

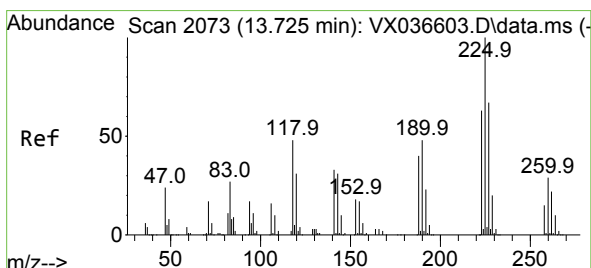
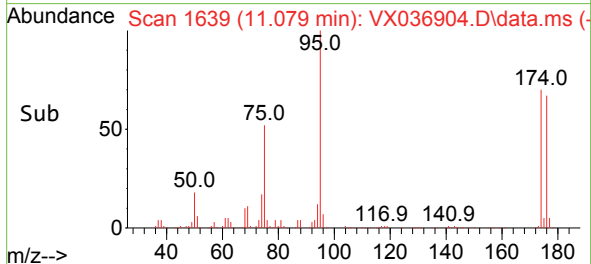
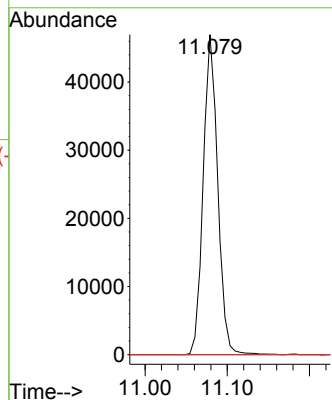
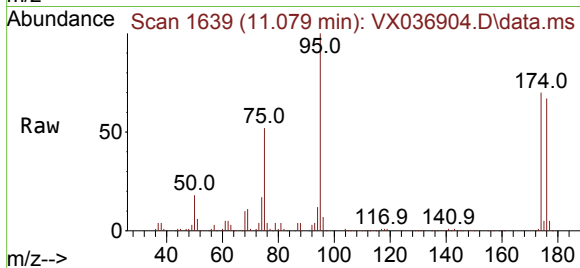




#81
trans-1,4-Dichloro-2-butene
Concen: 54.261 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 57556
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.303 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Tgt Ion: 225 Resp: 266
Ion Ratio Lower Upper
225 100
223 51.9 31.1 93.2
227 36.1 32.5 97.5

