

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036686.D
 Acq On : 27 Jul 2023 19:07
 Operator : JC/MD
 Sample : 03811-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:16:15 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)

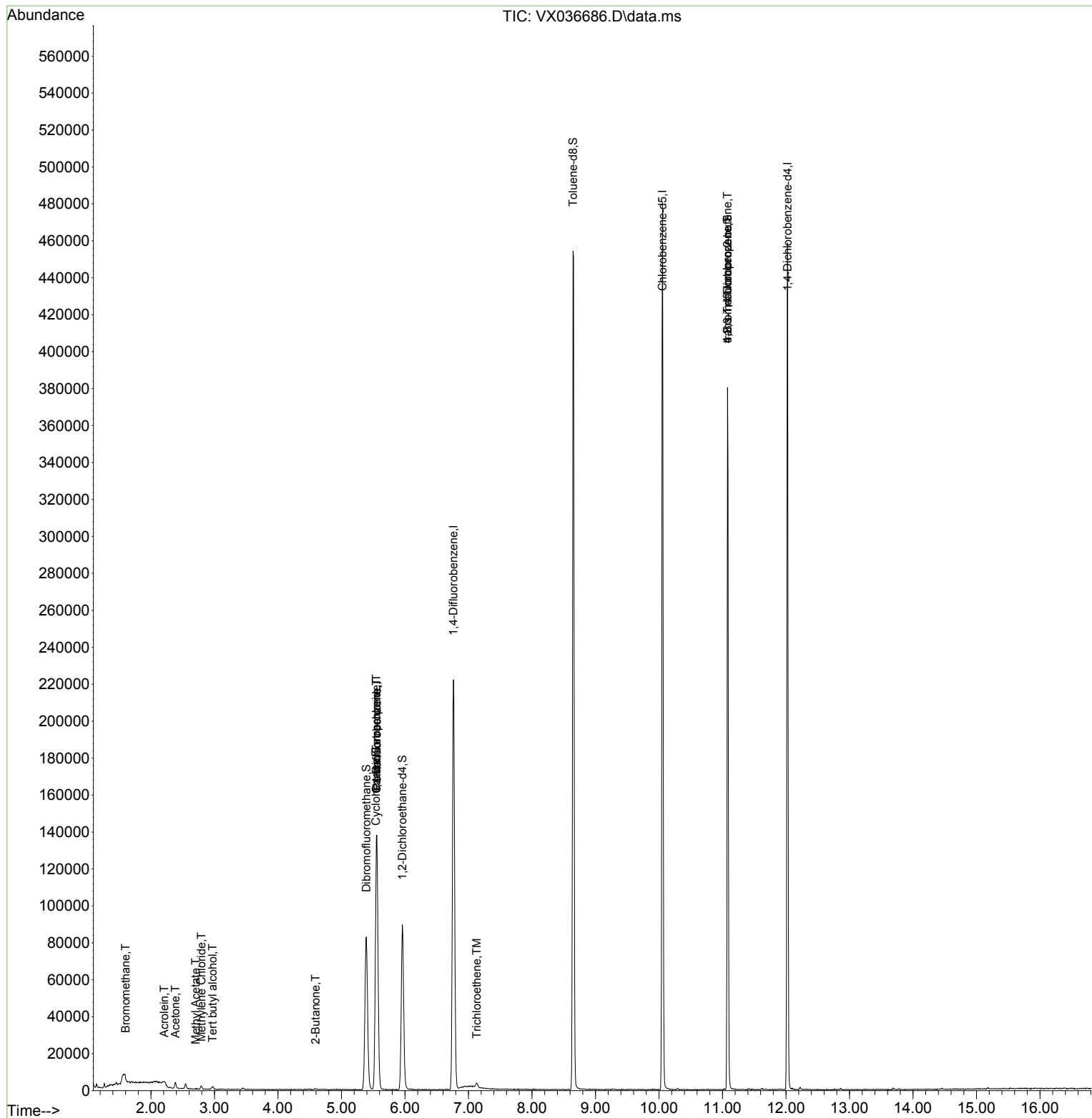
Internal Standards						
1) Pentafluorobenzene	5.556	168	128552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84563	44.457	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.920%
35) Dibromofluoromethane	5.391	113	73011	46.133	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.647	98	278901	49.695	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.380%
62) 4-Bromofluorobenzene	11.079	95	101461	47.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	309	0.329	ug/l #	64
11) Tert butyl alcohol	2.971	59	1876	4.166	ug/l #	86
13) Acrolein	2.209	56	92	0.358	ug/l #	1
16) Acetone	2.386	43	3528	4.470	ug/l	97
18) Methyl Acetate	2.703	43	771	0.232	ug/l #	60
20) Methylene Chloride	2.794	84	909	0.518	ug/l #	84
25) 2-Butanone	4.593	43	495	0.387	ug/l #	51
31) Cyclohexane	5.544	56	2842	1.079	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	10778	4.569	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13927	5.553	ug/l #	15
44) Trichloroethene	7.129	130	904	0.504	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	52399	23.566	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52399	53.414	ug/l #	5

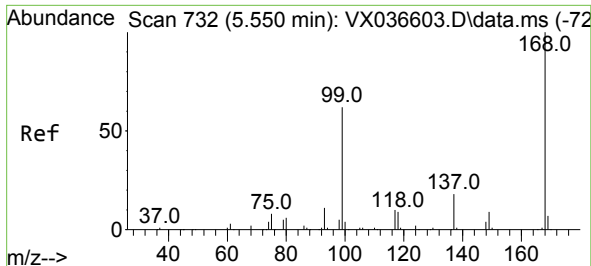
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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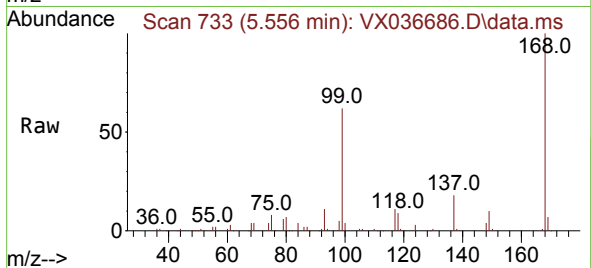
Quant Time: Jul 28 06:16:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



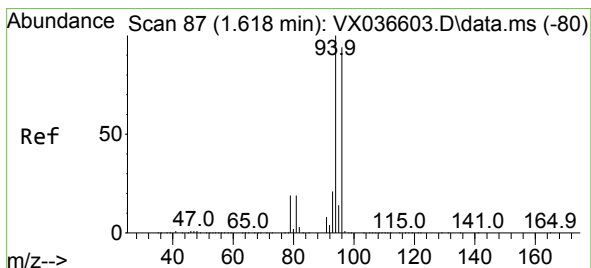
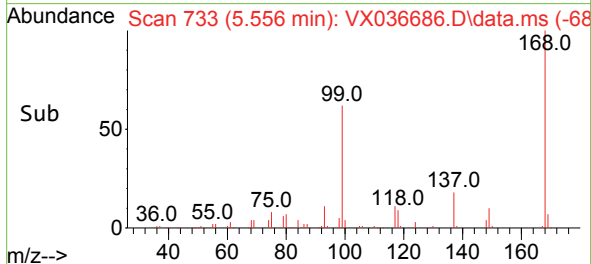
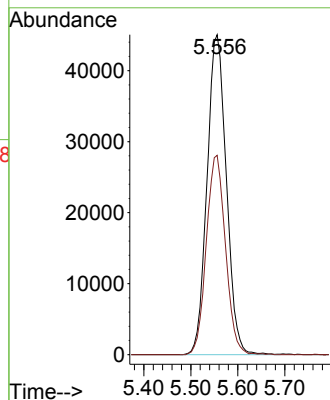


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

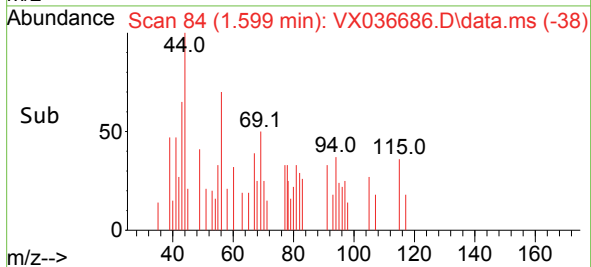
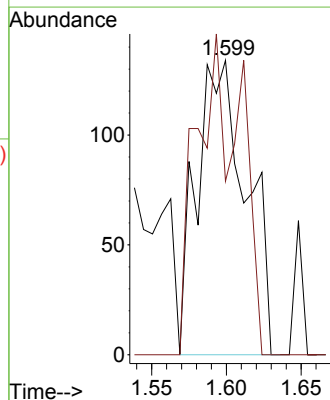
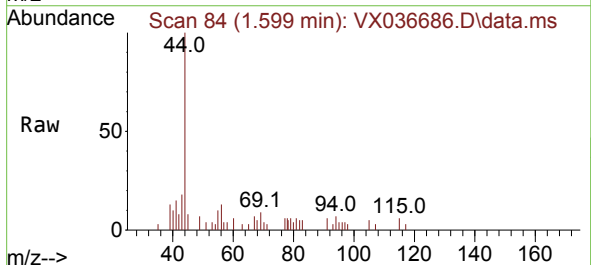


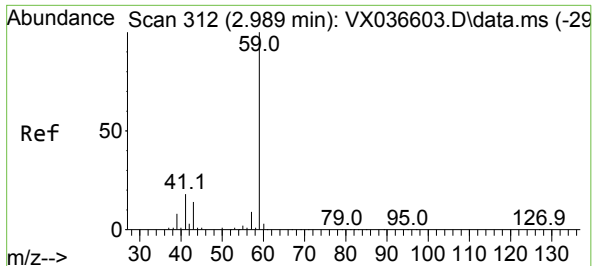
Tgt Ion:168 Resp: 128552
Ion Ratio Lower Upper
168 100
99 62.3 56.6 85.0



#5
Bromomethane
Concen: 0.329 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 59.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 4.166 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.018 min

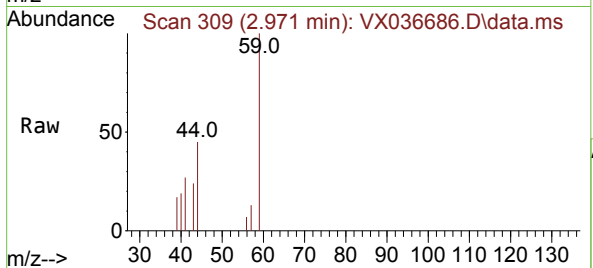
Lab File: VX036686.D

Acq: 27 Jul 2023 19:07

Instrument :

MSVOA_X

ClientSampleId :

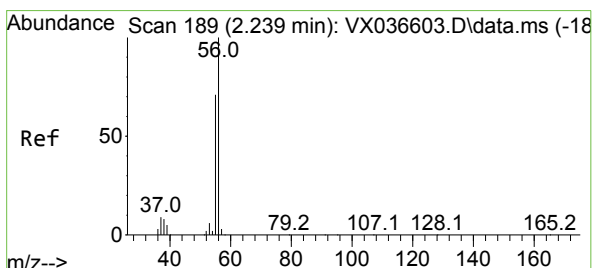
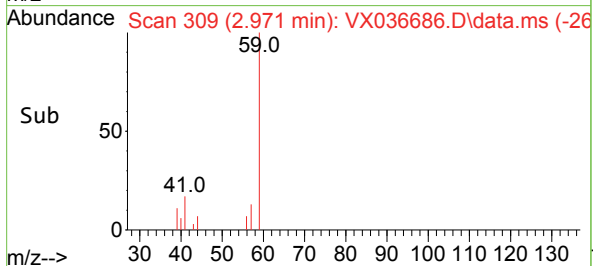
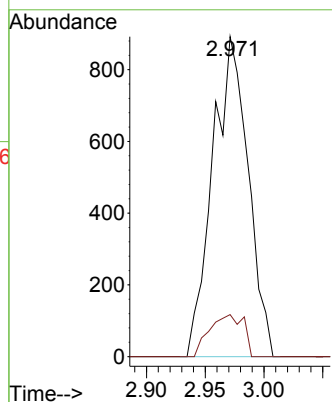


Tgt Ion: 59 Resp: 1876

Ion Ratio Lower Upper

59 100

57 12.5 6.0 9.0#



#13

Acrolein

Concen: 0.358 ug/l

RT: 2.209 min Scan# 184

Delta R.T. -0.030 min

Lab File: VX036686.D

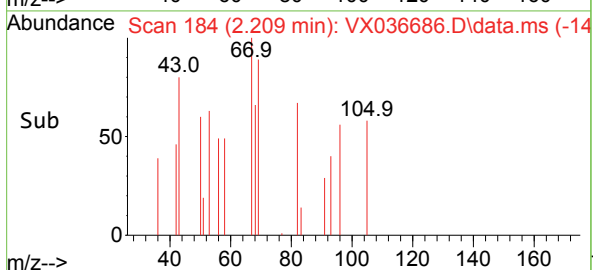
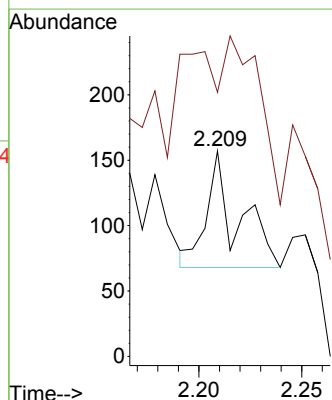
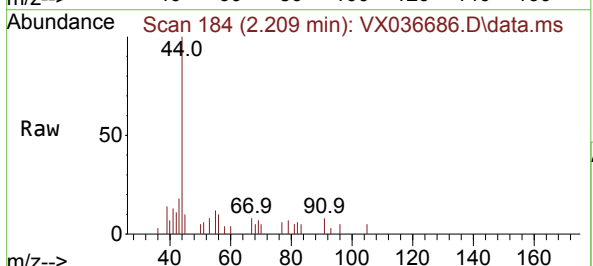
Acq: 27 Jul 2023 19:07

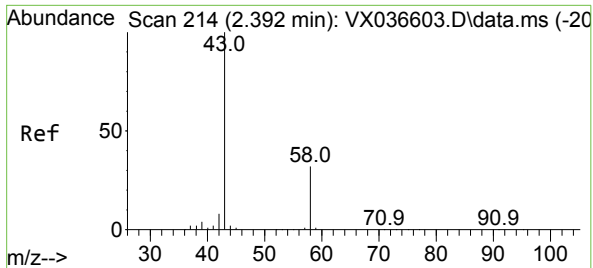
Tgt Ion: 56 Resp: 92

Ion Ratio Lower Upper

56 100

55 282.6 57.1 85.7#

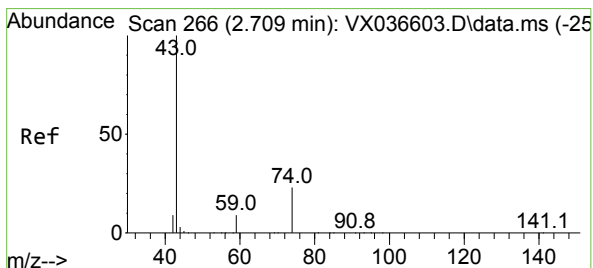
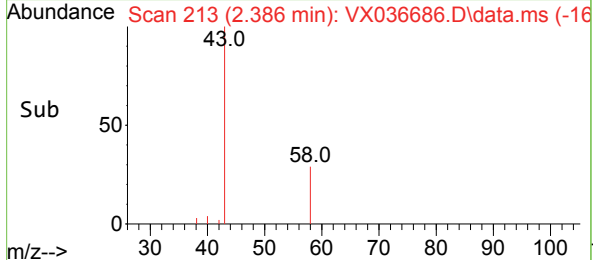
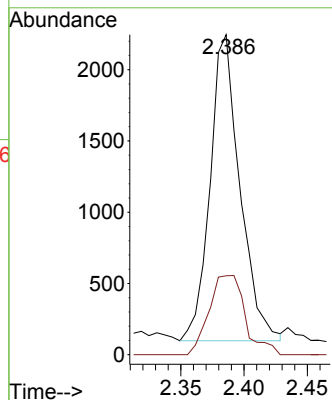
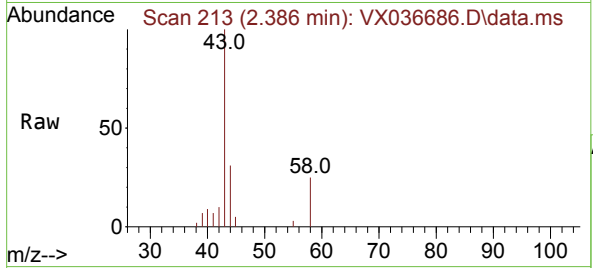




#16
Acetone
Concen: 4.470 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

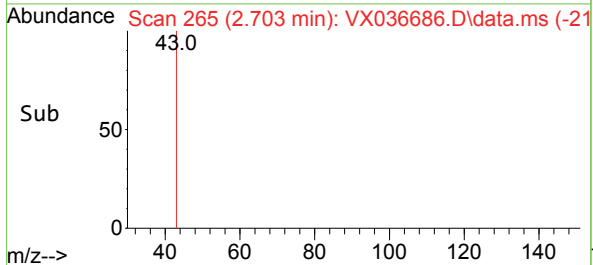
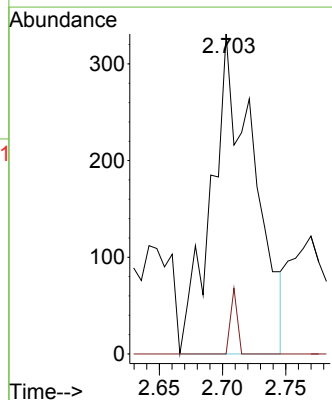
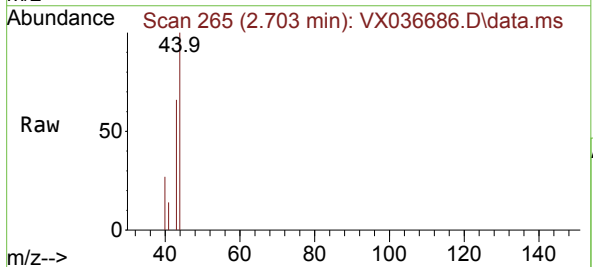
Instrument :
MSVOA_X
ClientSampleId :

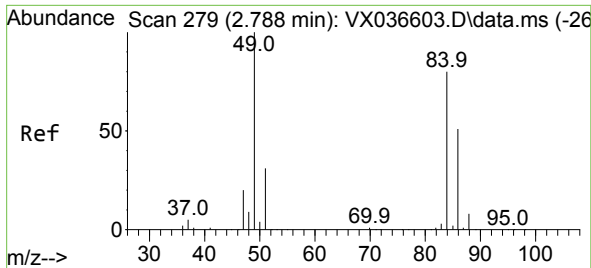
Tgt Ion: 43 Resp: 3528
Ion Ratio Lower Upper
43 100
58 25.8 21.9 32.9



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

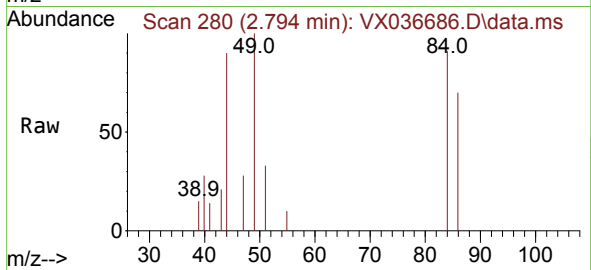
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
74 3.2 17.8 26.8#



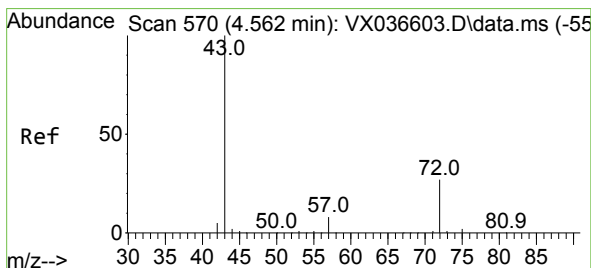
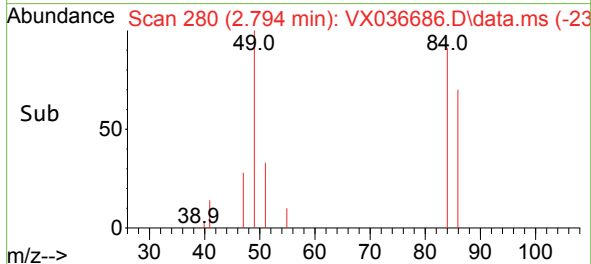
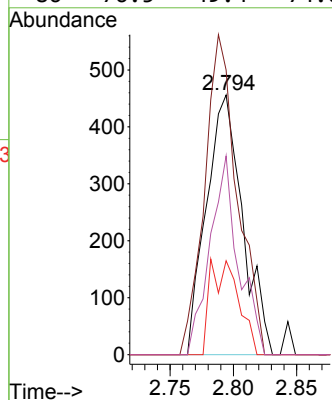


#20
Methylene Chloride
Concen: 0.518 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

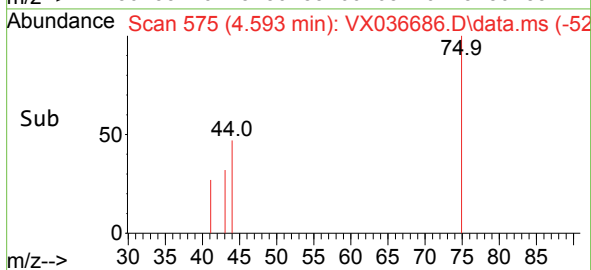
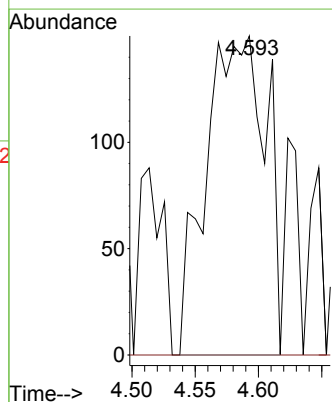
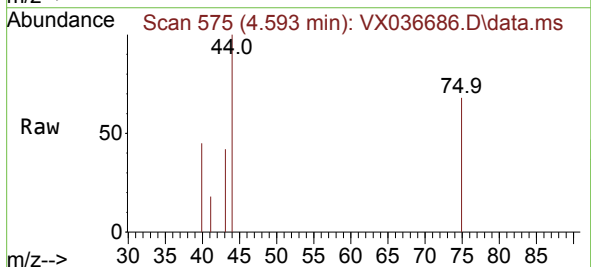


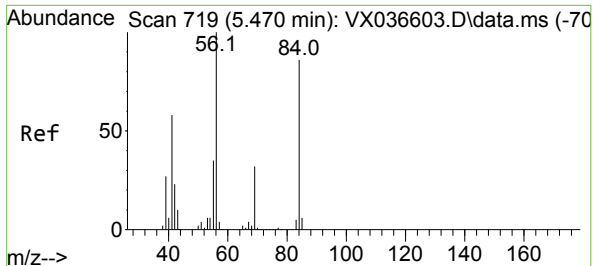
Tgt Ion: 84 Resp: 909
Ion Ratio Lower Upper
84 100
49 109.6 103.6 155.4
51 36.2 33.8 50.6
86 76.5 49.4 74.0#



#25
2-Butanone
Concen: 0.387 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

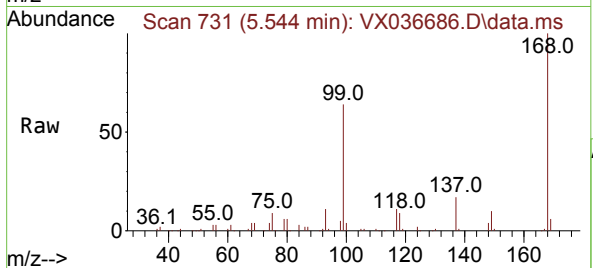
Tgt Ion: 43 Resp: 495
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



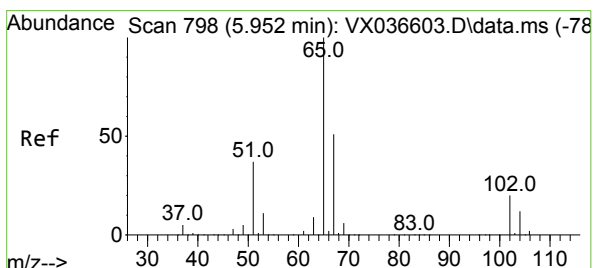
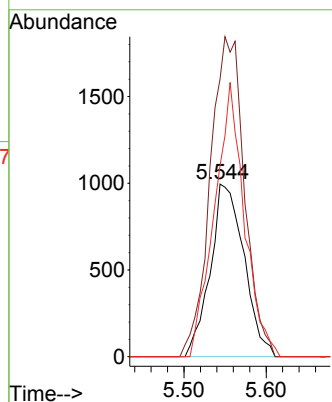
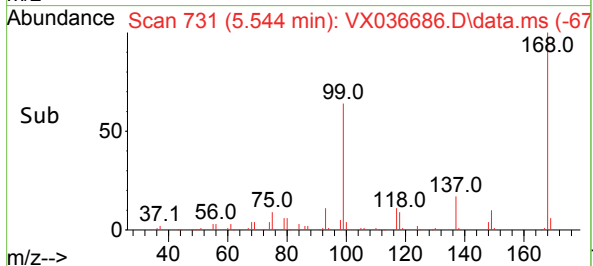


#31
Cyclohexane
Concen: 1.079 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

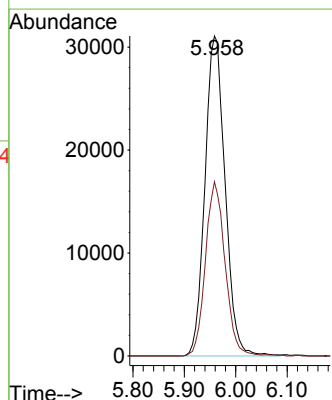
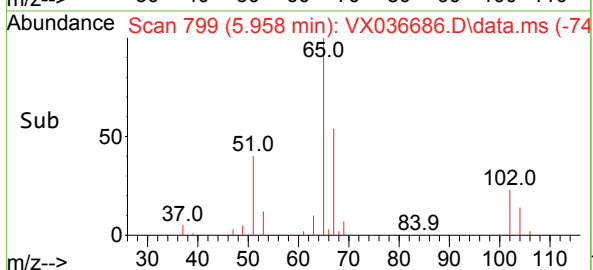
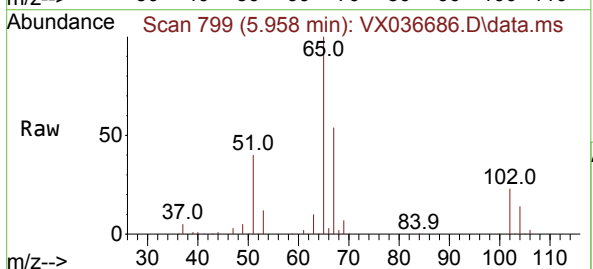


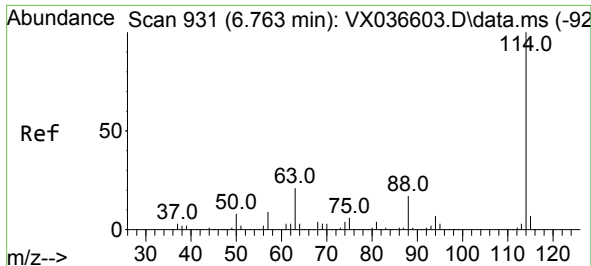
Tgt Ion: 56 Resp: 2842
Ion Ratio Lower Upper
56 100
69 160.7 23.4 35.2#
84 110.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.457 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

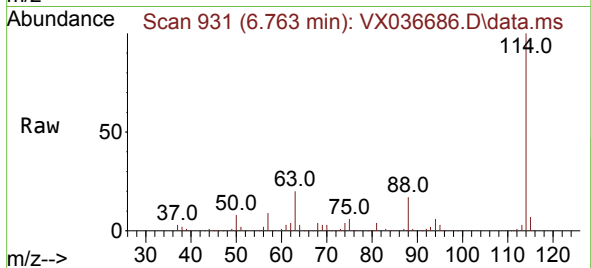
Tgt Ion: 65 Resp: 84563
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2



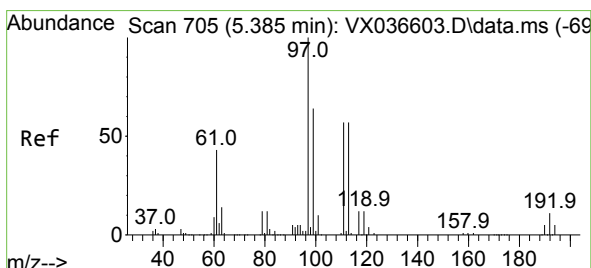
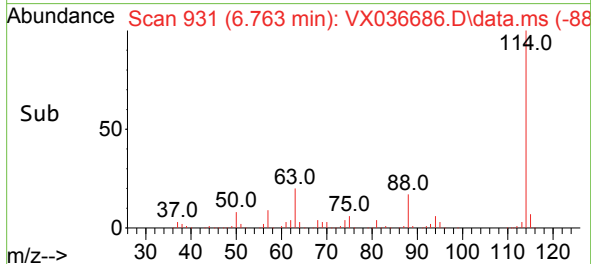
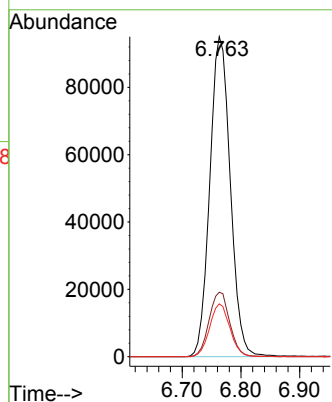


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

Instrument :
MSVOA_X
ClientSampleId :

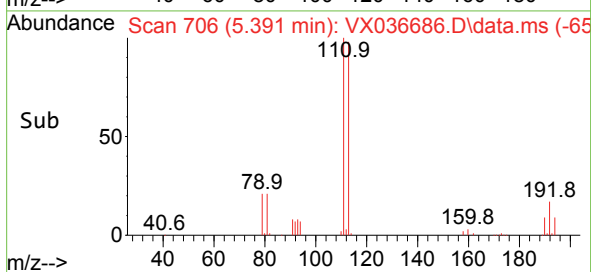
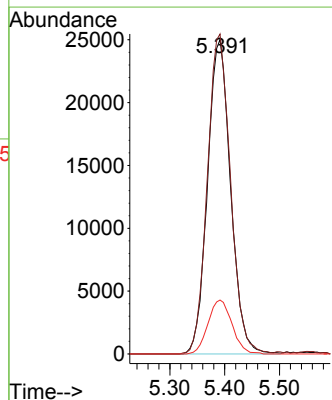
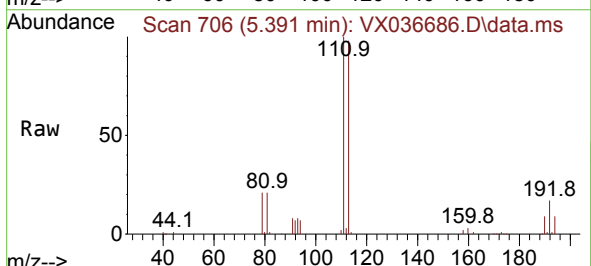


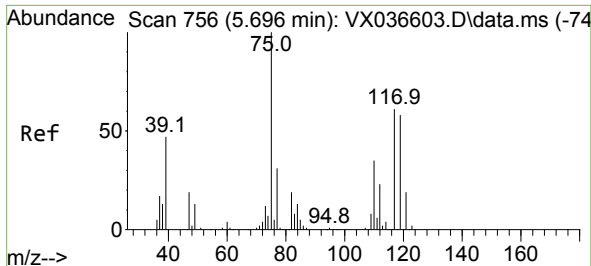
Tgt Ion:114 Resp: 230250
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.133 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

Tgt Ion:113 Resp: 73011
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.8 13.3 19.9

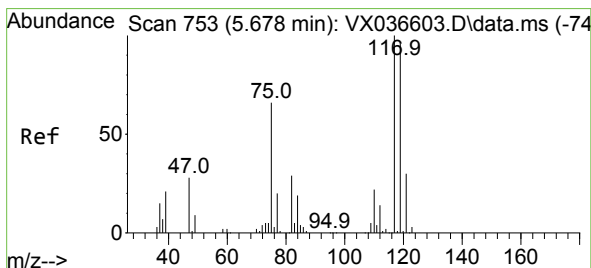
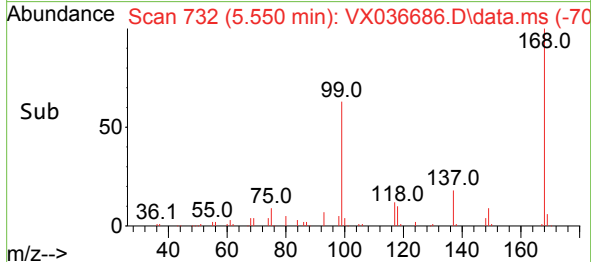
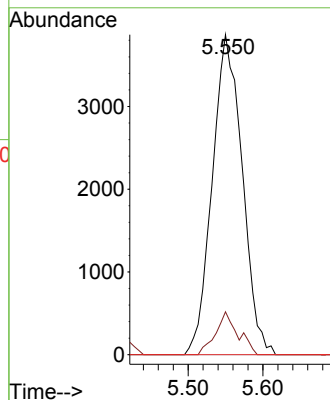
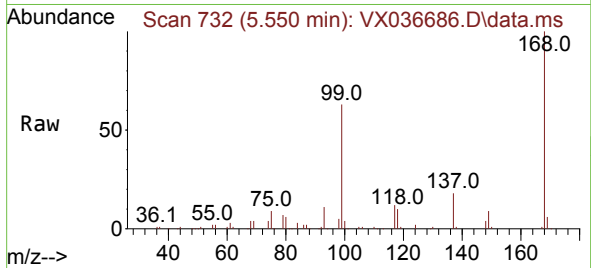




#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

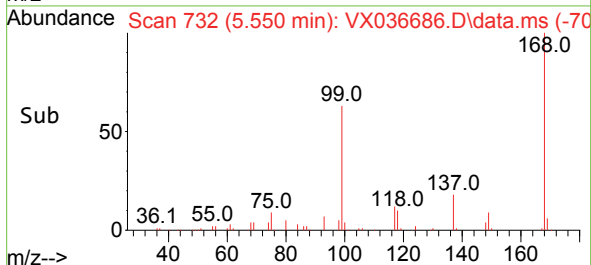
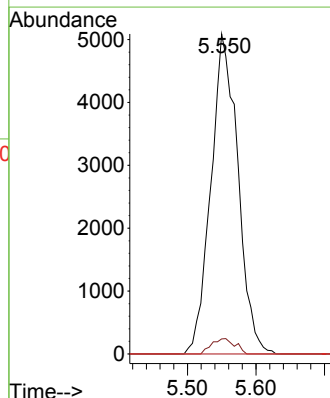
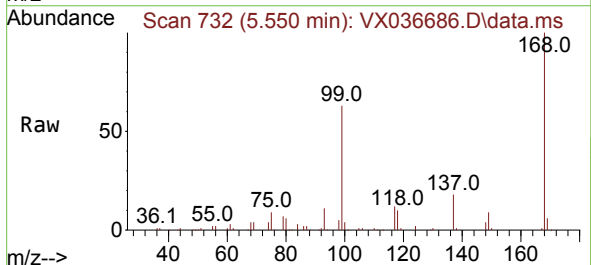
Instrument :
MSVOA_X
ClientSampleId :

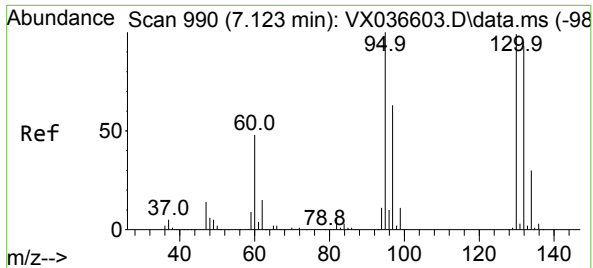
Tgt Ion: 75 Resp: 10778
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.553 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

Tgt Ion: 117 Resp: 13927
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

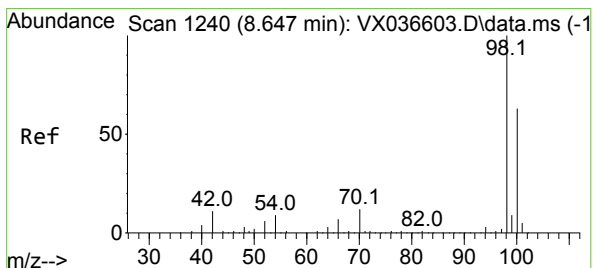
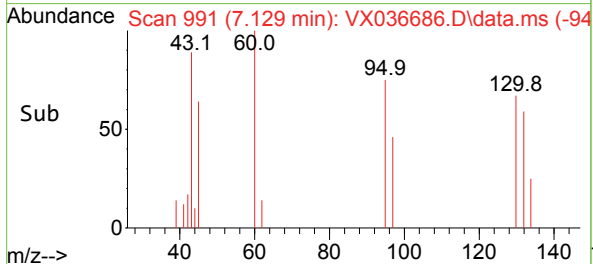
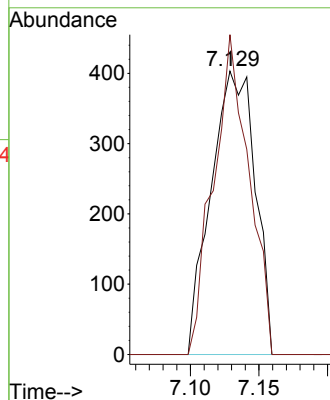
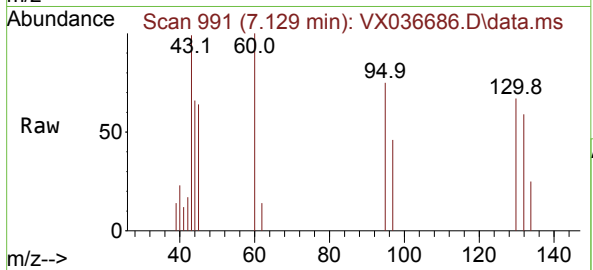




#44
Trichloroethene
Concen: 0.504 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

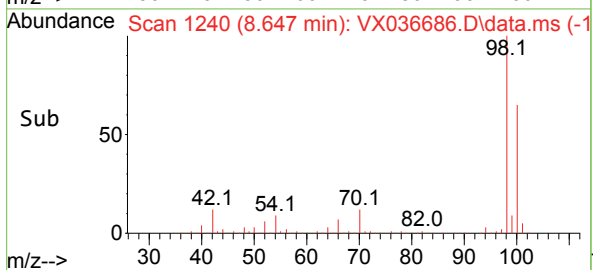
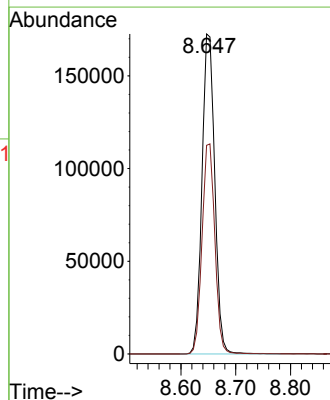
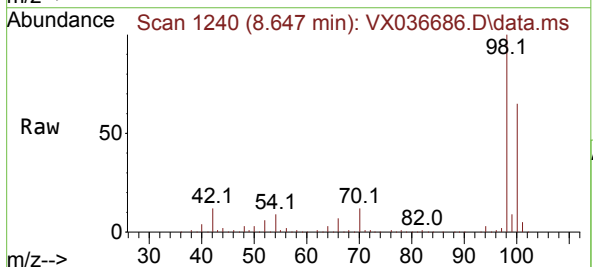
Instrument :
MSVOA_X
ClientSampleId :

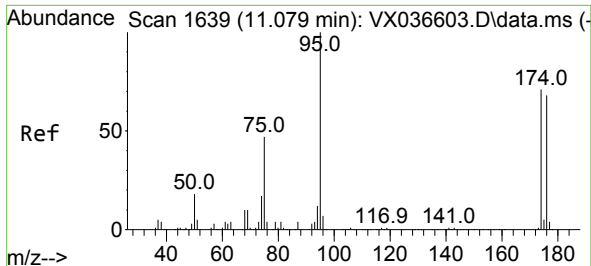
Tgt Ion:130 Resp: 904
Ion Ratio Lower Upper
130 100
95 112.9 0.0 204.4



#50
Toluene-d8
Concen: 49.695 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

Tgt Ion: 98 Resp: 278901
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

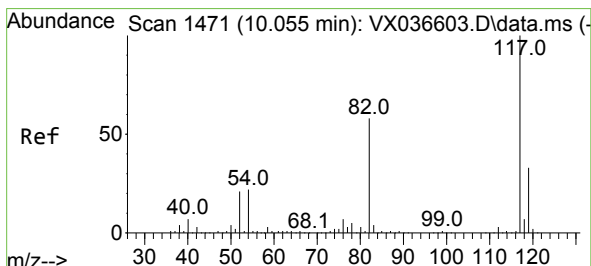
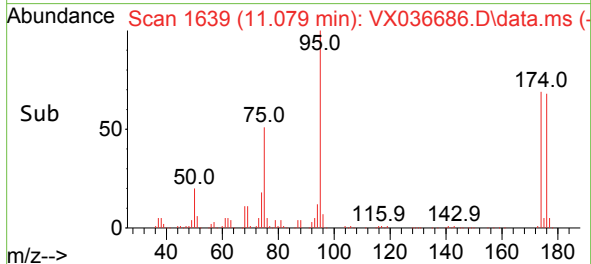
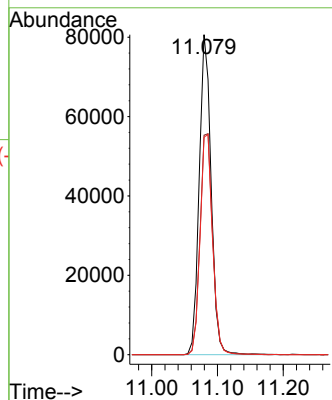
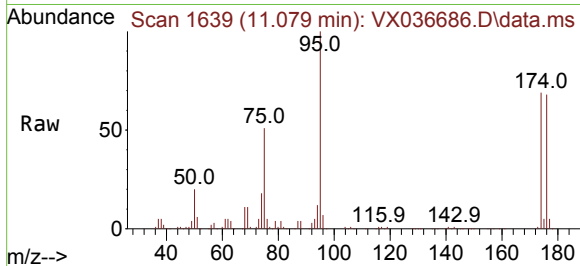




#62
4-Bromofluorobenzene
Concen: 47.917 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

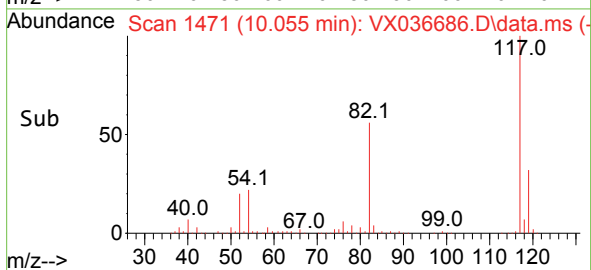
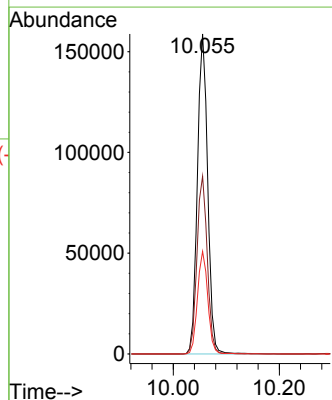
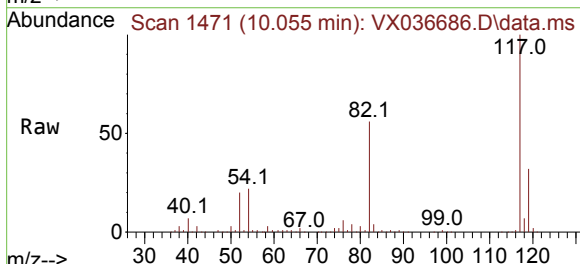
Instrument :
MSVOA_X
ClientSampleId :

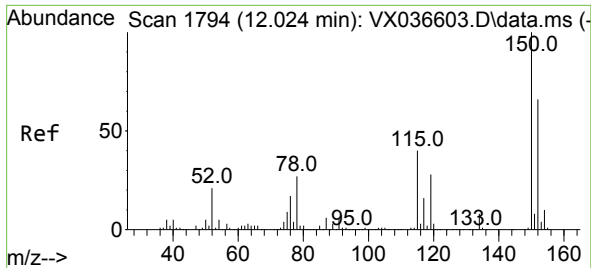
Tgt Ion: 95 Resp: 101461
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 72.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036686.D
Acq: 27 Jul 2023 19:07

Tgt Ion: 117 Resp: 213551
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.1 25.5 38.3

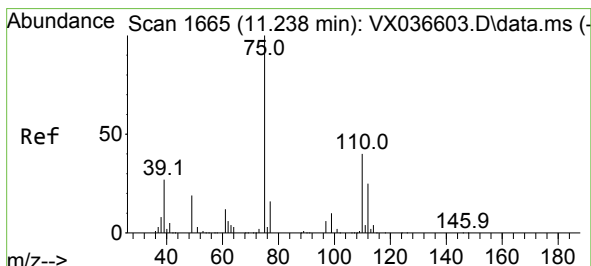
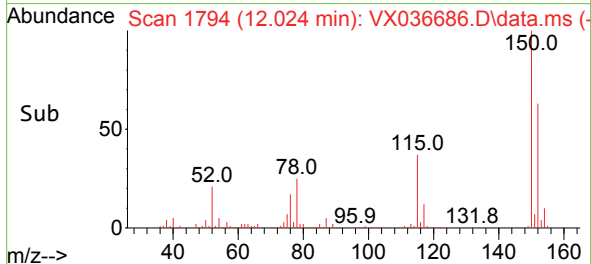
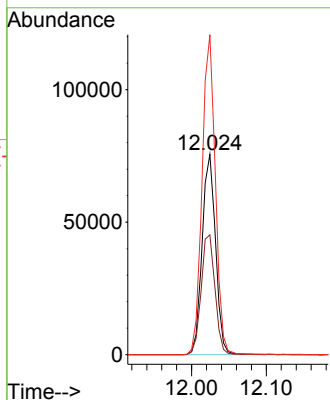
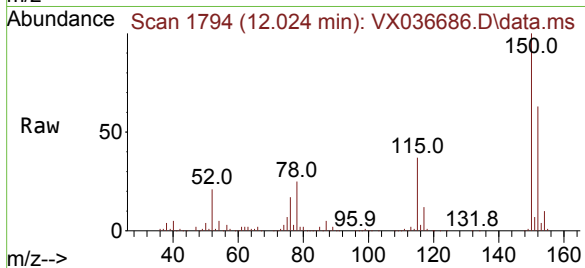




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036686.D
 Acq: 27 Jul 2023 19:07

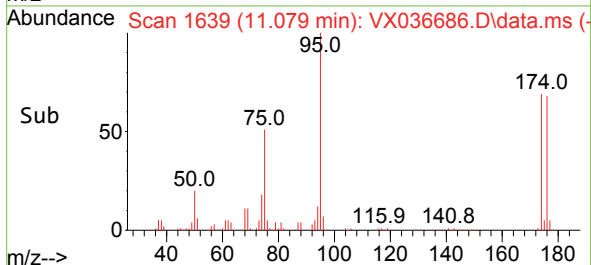
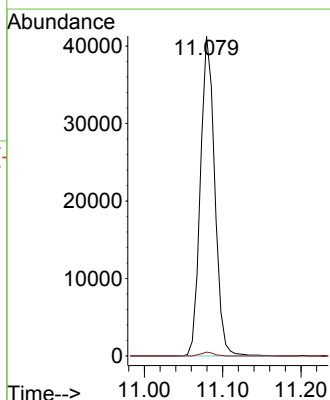
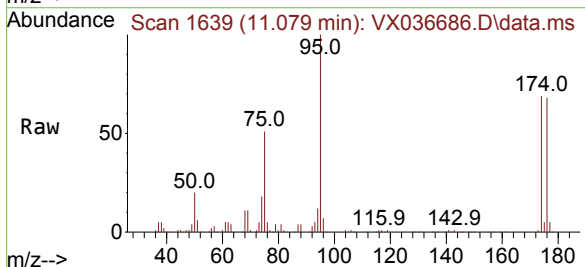
Instrument :
 MSVOA_X
 ClientSampleId :

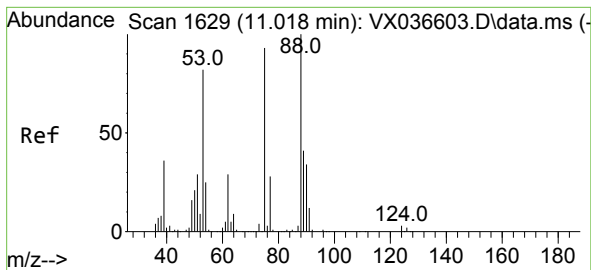
Tgt Ion:152 Resp: 94532
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.3 129.9
 150 157.9 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.566 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036686.D
 Acq: 27 Jul 2023 19:07

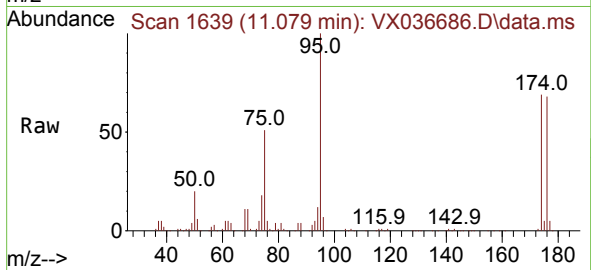
Tgt Ion: 75 Resp: 52399
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.414 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX036686.D
 Acq: 27 Jul 2023 19:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52399
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

