

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036688.D
 Acq On : 27 Jul 2023 19:55
 Operator : JC/MD
 Sample : 03811-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:16:56 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)

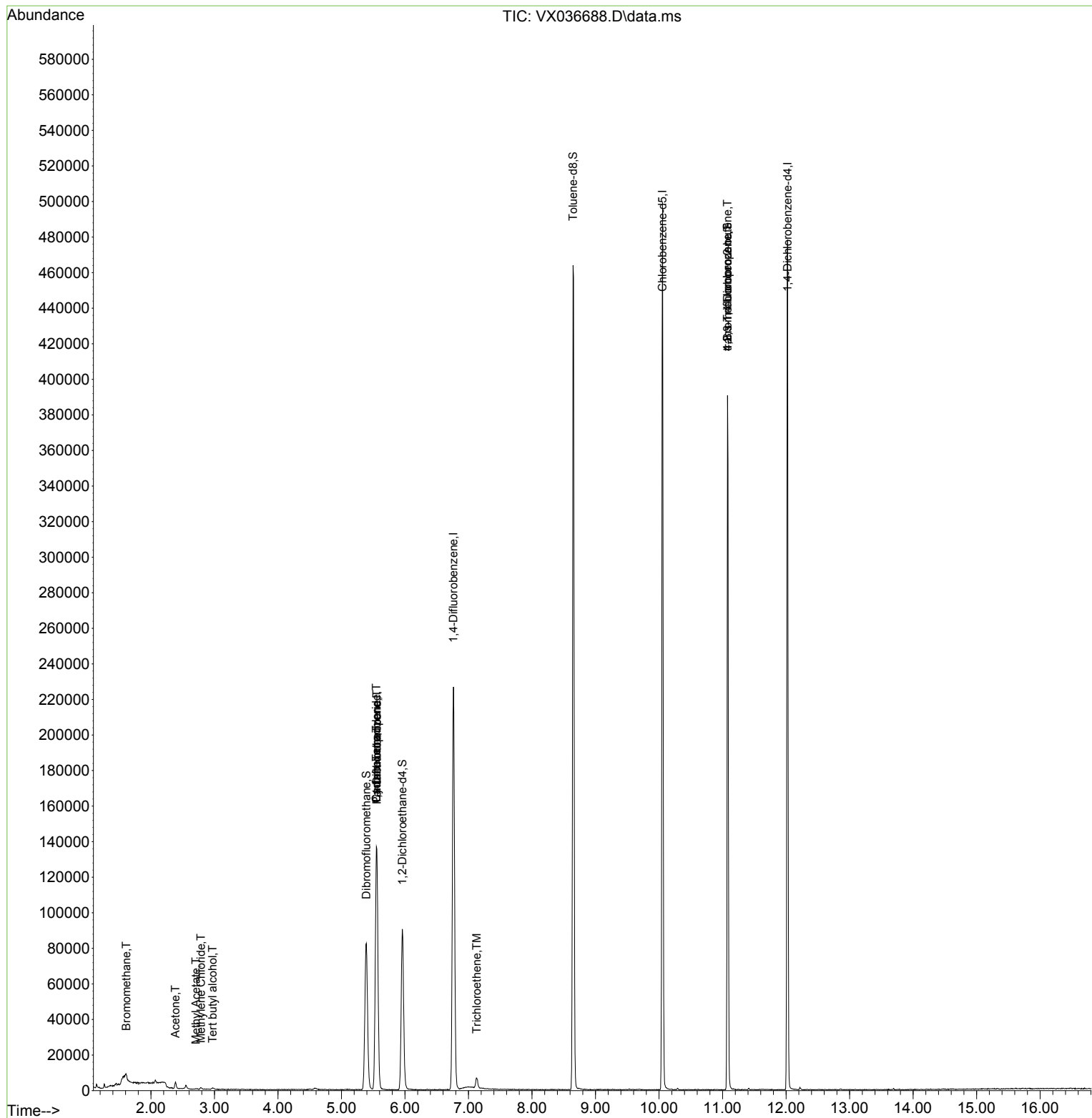
Internal Standards						
1) Pentafluorobenzene	5.556	168	129113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87148	45.617	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	91.240%	
35) Dibromofluoromethane	5.391	113	73622	45.725	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.460%	
50) Toluene-d8	8.647	98	282149	49.415	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.840%	
62) 4-Bromofluorobenzene	11.079	95	105770	49.099	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	430	0.456	ug/l #	73
11) Tert butyl alcohol	2.971	59	1030	2.277	ug/l	99
16) Acetone	2.386	43	3664	4.622	ug/l	94
18) Methyl Acetate	2.709	43	793	0.238	ug/l #	58
20) Methylene Chloride	2.788	84	587	0.333	ug/l #	67
31) Cyclohexane	5.550	56	3054	1.155	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	10873	4.531	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13625	5.340	ug/l #	15
44) Trichloroethene	7.129	130	2193	1.202	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	54526	23.580	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54526	53.446	ug/l #	5

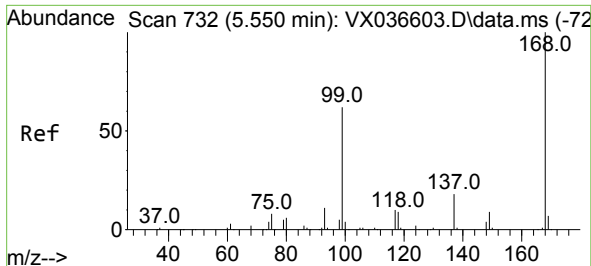
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
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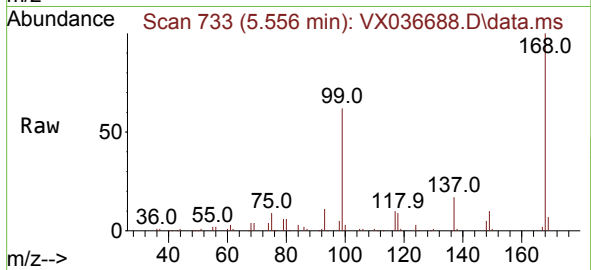
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



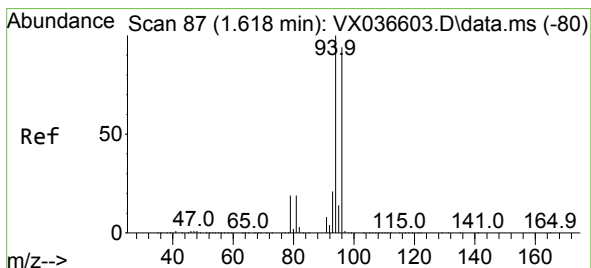
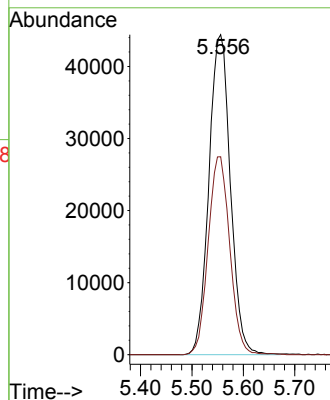
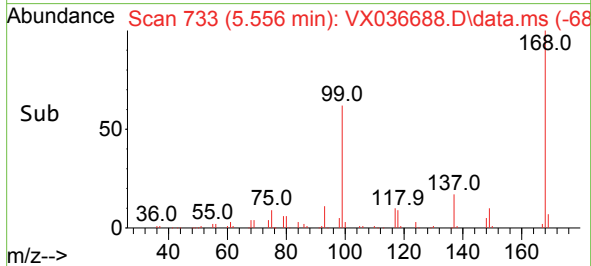


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

Instrument :
MSVOA_X
ClientSampleId :

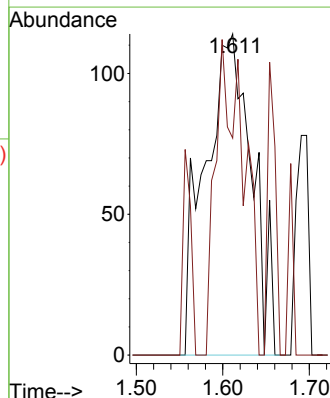
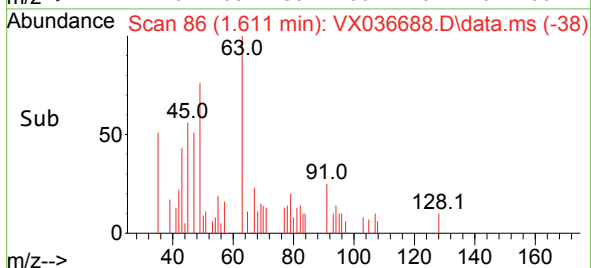
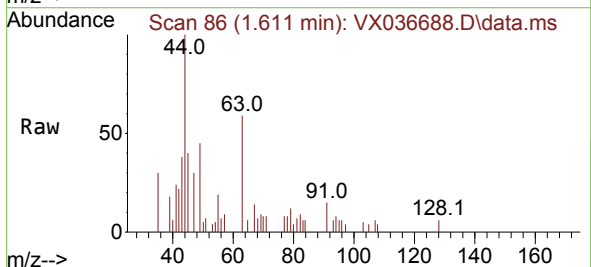


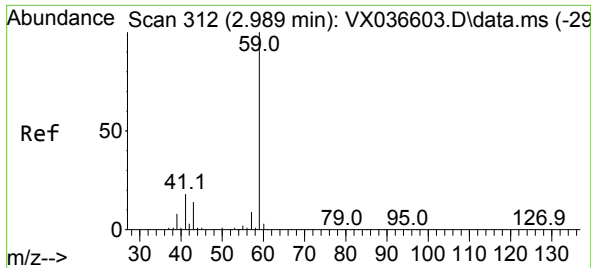
Tgt Ion:168 Resp: 129113
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#5
Bromomethane
Concen: 0.456 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

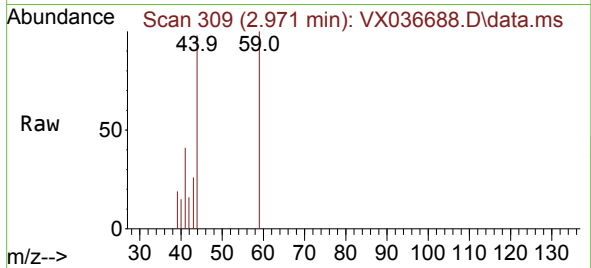
Tgt Ion: 94 Resp: 430
Ion Ratio Lower Upper
94 100
96 67.5 74.6 111.8#



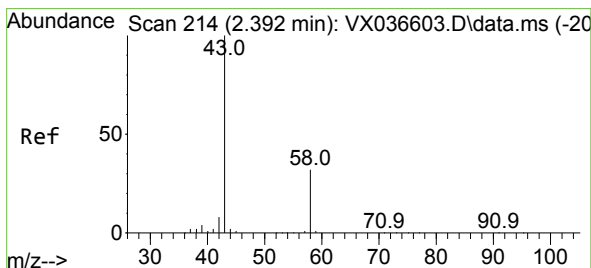
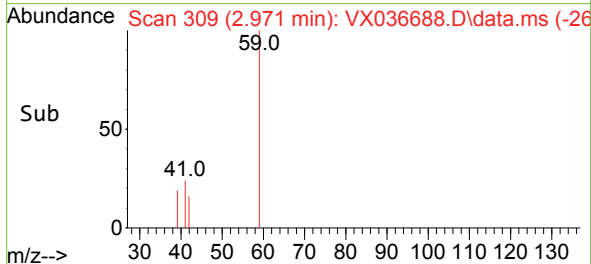
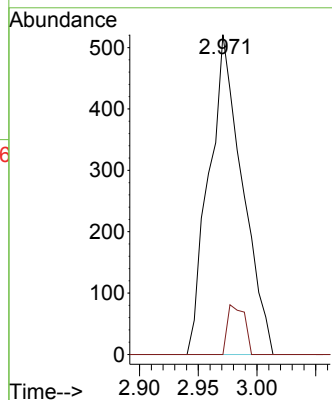


#11
Tert butyl alcohol
Concen: 2.277 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

Instrument : MSVOA_X
ClientSampleId :

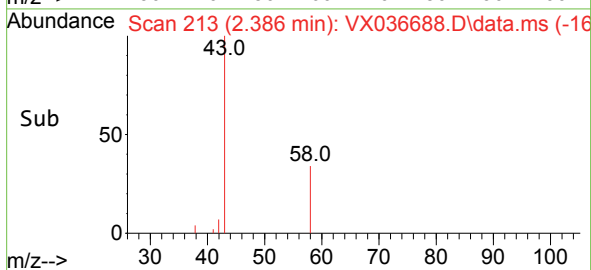
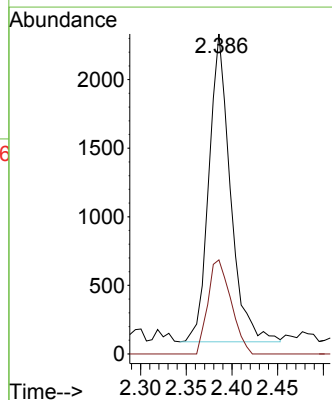
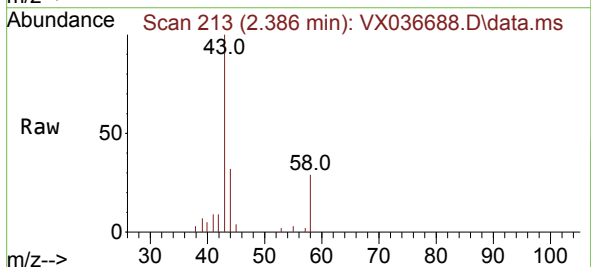


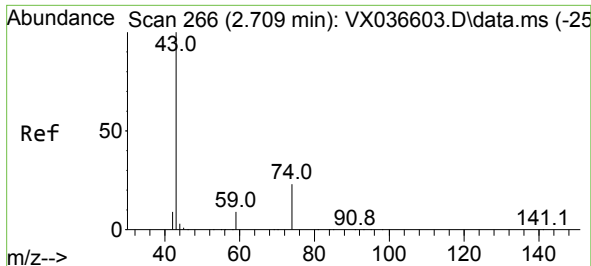
Tgt Ion: 59 Resp: 1030
Ion Ratio Lower Upper
59 100
57 7.9 6.0 9.0



#16
Acetone
Concen: 4.622 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

Tgt Ion: 43 Resp: 3664
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9

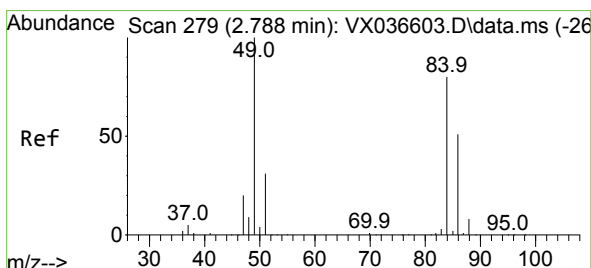
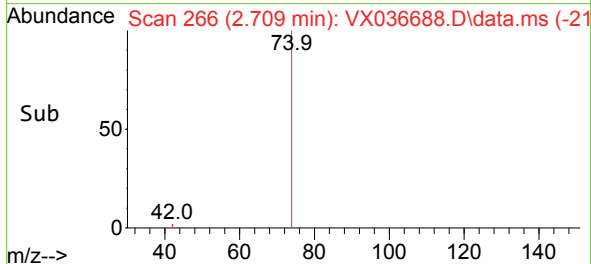
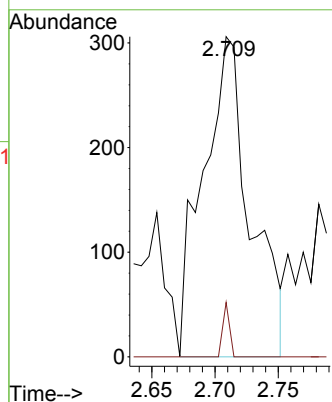
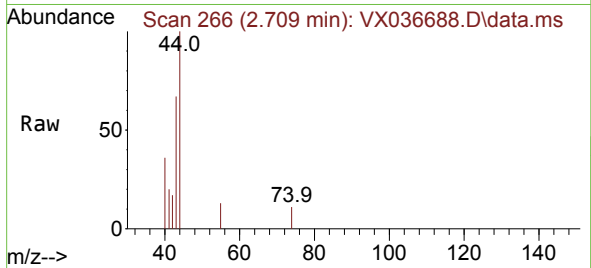




#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

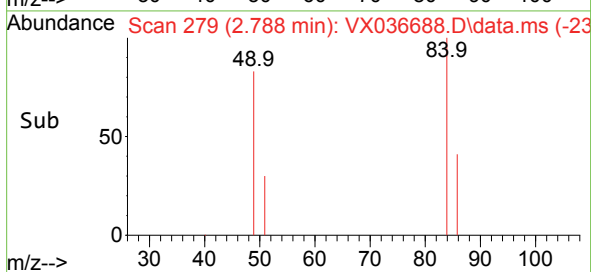
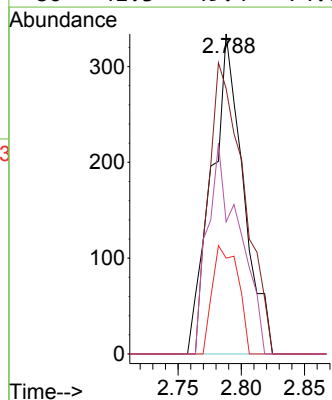
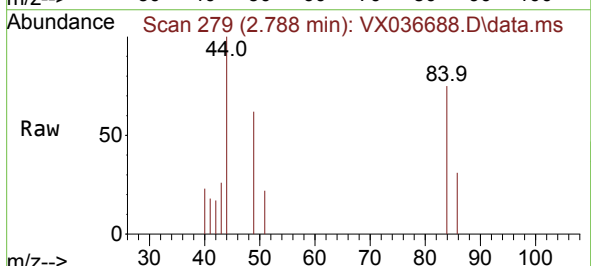
Instrument :
MSVOA_X
ClientSampleId :

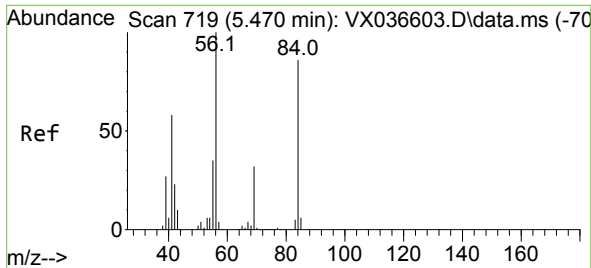
Tgt Ion: 43 Resp: 793
Ion Ratio Lower Upper
43 100
74 2.4 17.8 26.8#



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

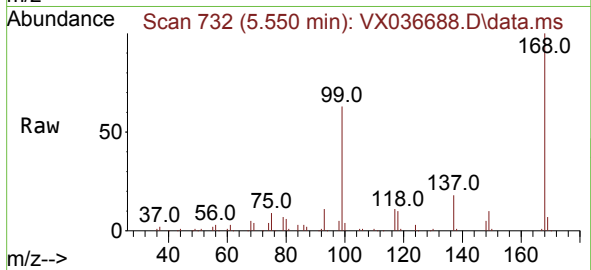
Tgt Ion: 84 Resp: 587
Ion Ratio Lower Upper
84 100
49 82.9 103.6 155.4#
51 29.9 33.8 50.6#
86 41.3 49.4 74.0#



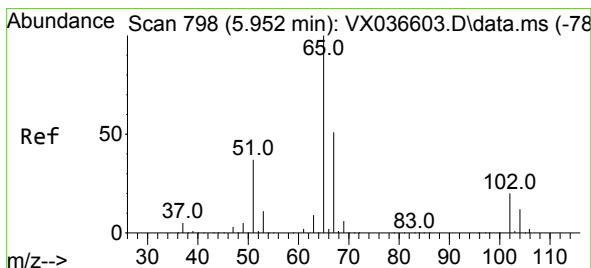
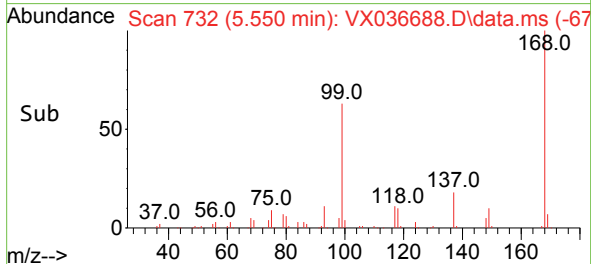
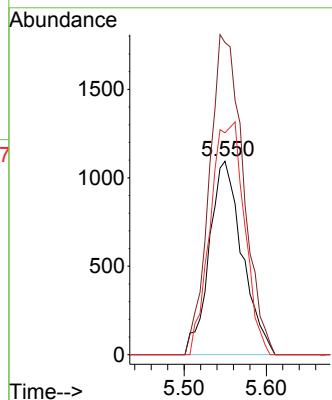


#31
Cyclohexane
Concen: 1.155 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

Instrument :
MSVOA_X
ClientSampleId :

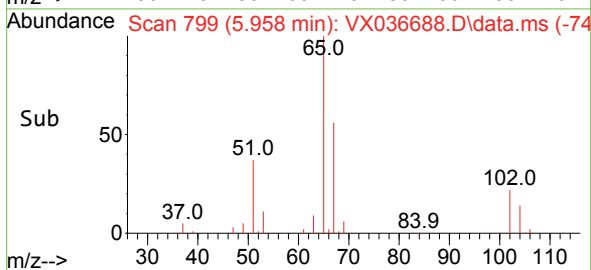
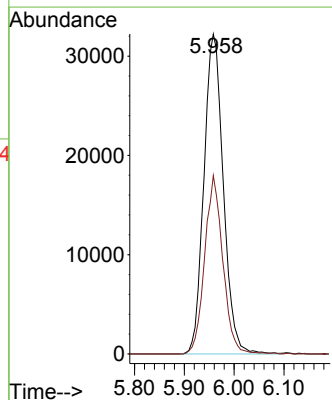
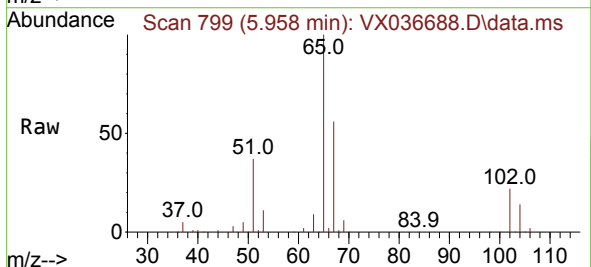


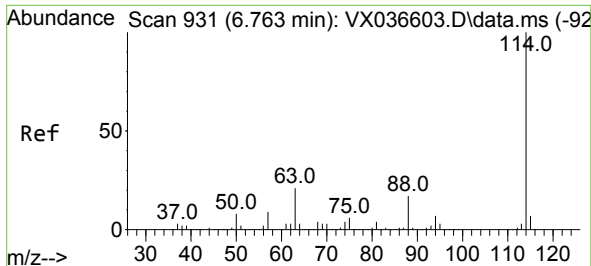
Tgt Ion: 56 Resp: 3054
Ion Ratio Lower Upper
56 100
69 161.3 23.4 35.2#
84 114.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.617 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

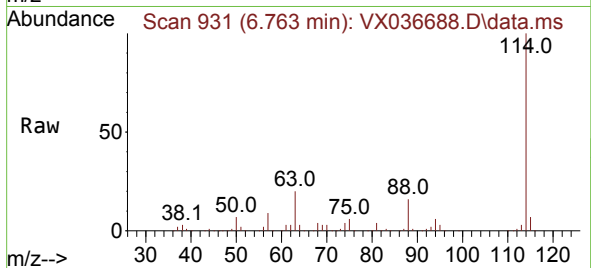
Tgt Ion: 65 Resp: 87148
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



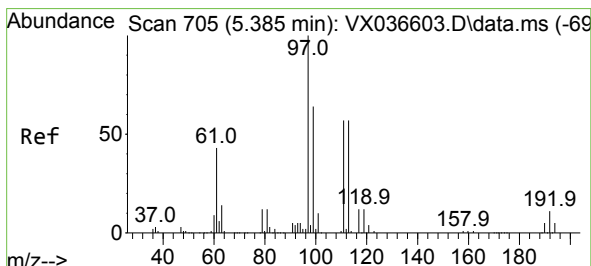
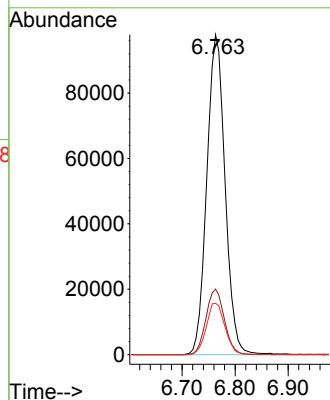
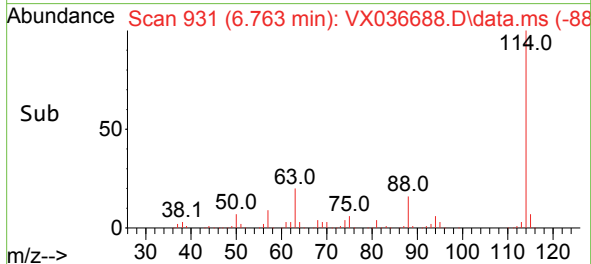


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

Instrument :
MSVOA_X
ClientSampleId :

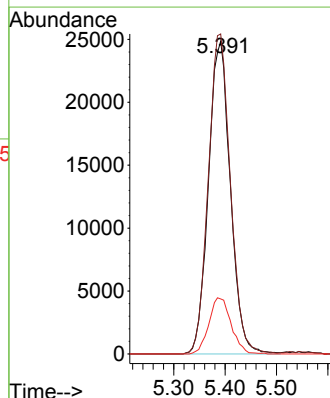
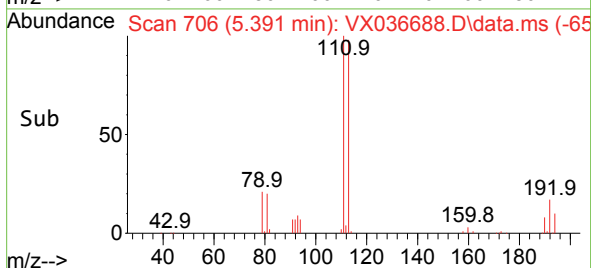
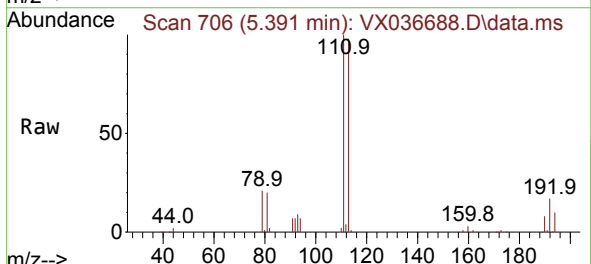


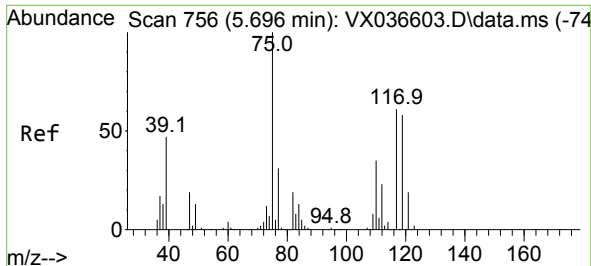
Tgt Ion:114 Resp: 234249
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.725 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

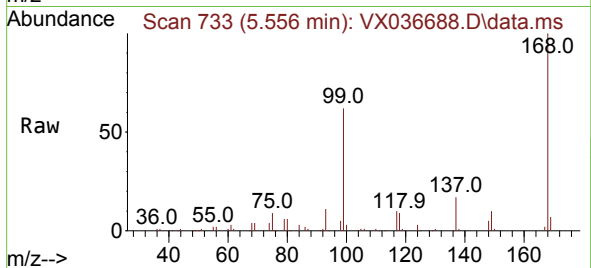
Tgt Ion:113 Resp: 73622
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.2 13.3 19.9



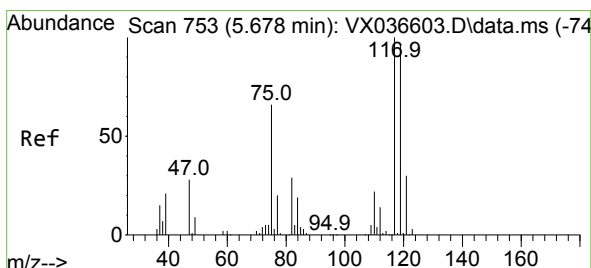
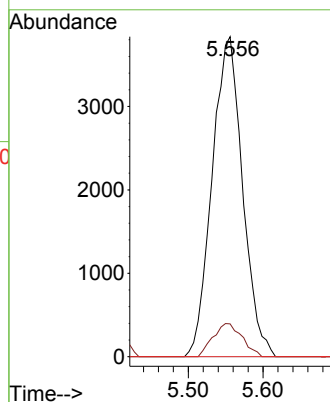
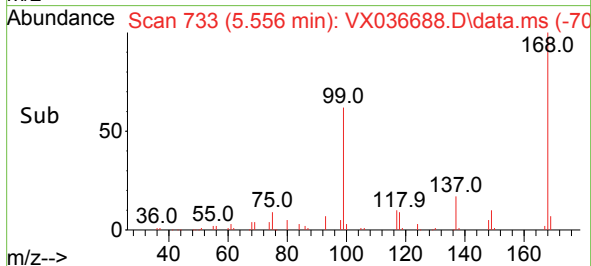


#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

Instrument :
MSVOA_X
ClientSampleId :

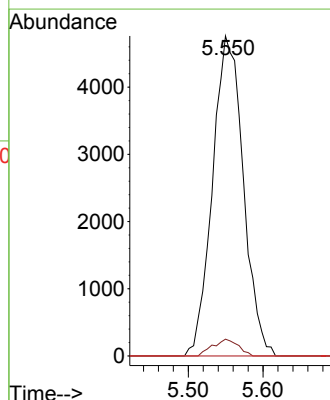
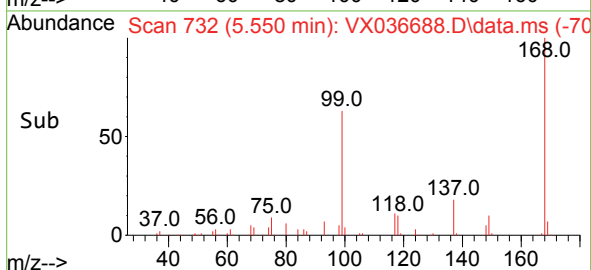
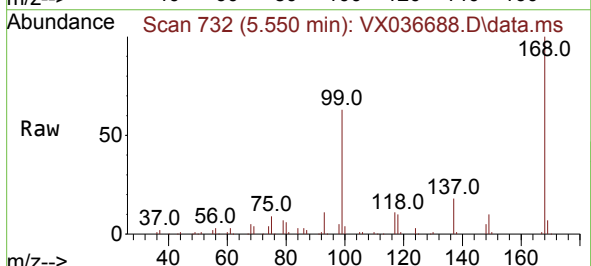


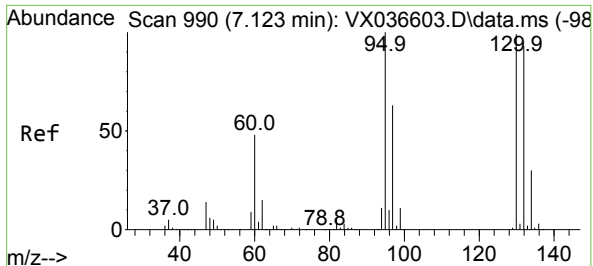
Tgt Ion: 75 Resp: 10873
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

Tgt Ion: 117 Resp: 13625
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

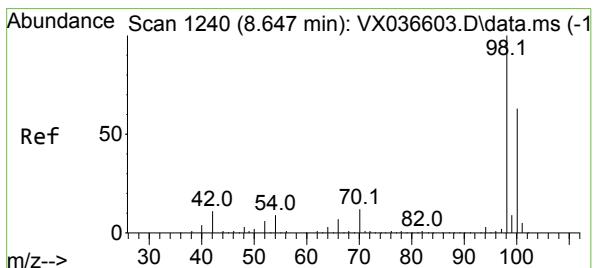
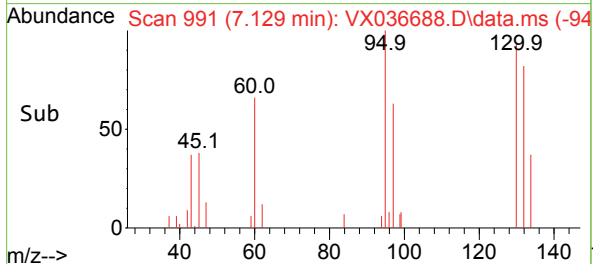
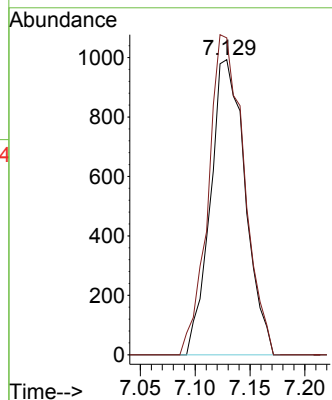
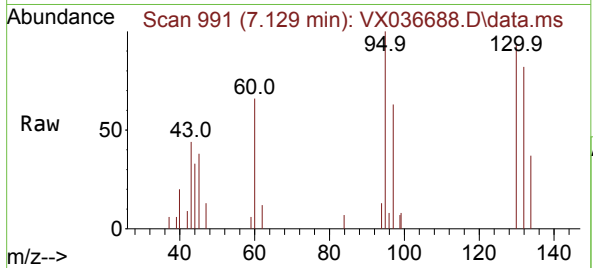




#44
 Trichloroethene
 Concen: 1.202 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX036688.D
 Acq: 27 Jul 2023 19:55

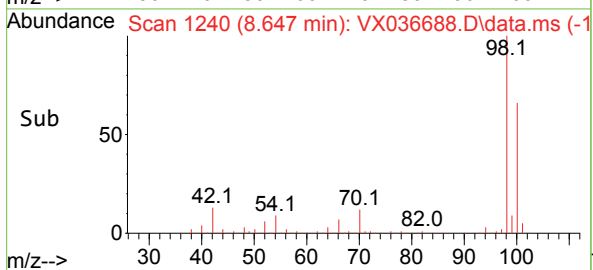
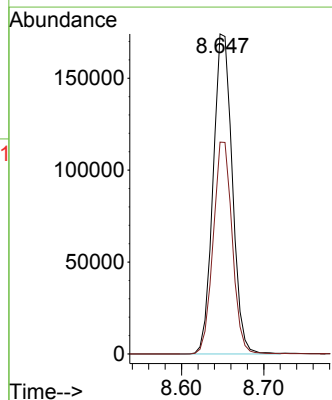
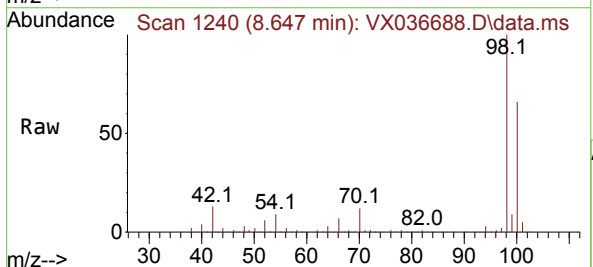
Instrument :
 MSVOA_X
 ClientSampleId :

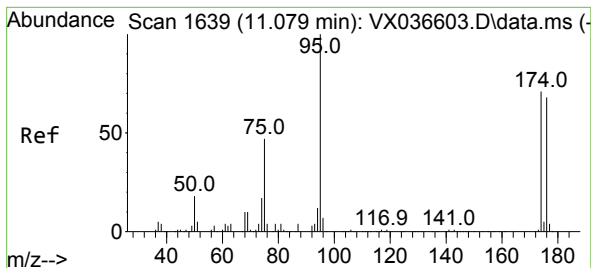
Tgt Ion:130 Resp: 2193
 Ion Ratio Lower Upper
 130 100
 95 107.4 0.0 204.4



#50
 Toluene-d8
 Concen: 49.415 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX036688.D
 Acq: 27 Jul 2023 19:55

Tgt Ion: 98 Resp: 282149
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.1 79.7

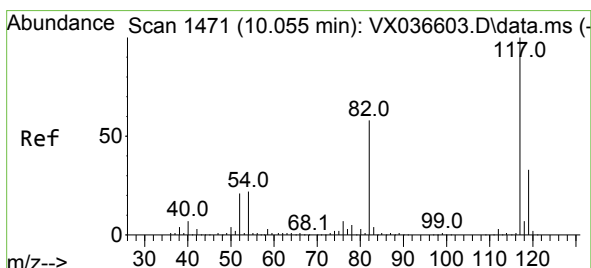
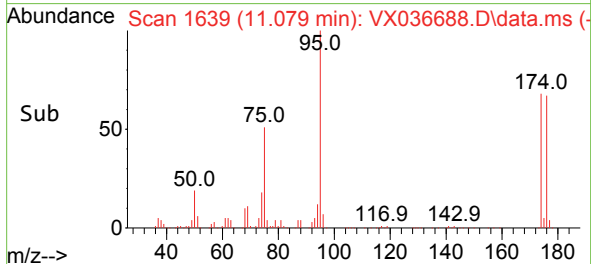
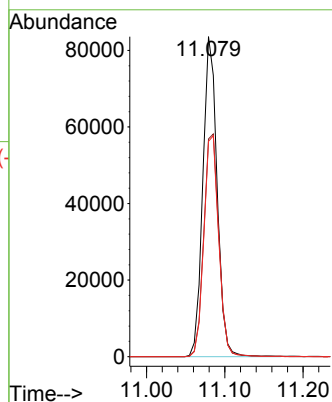
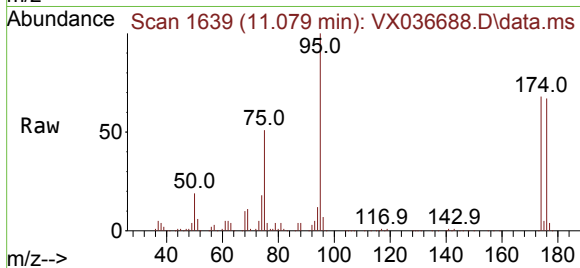




#62
4-Bromofluorobenzene
Concen: 49.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

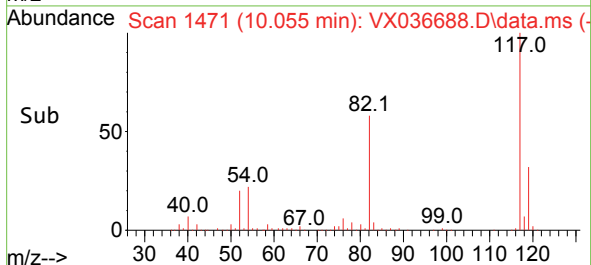
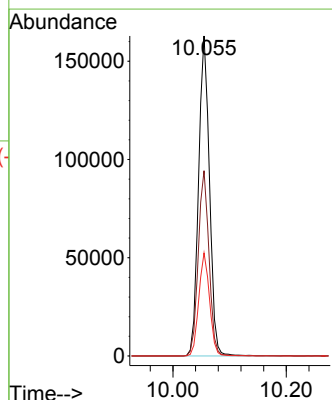
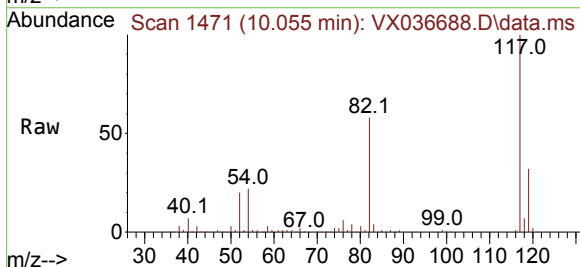
Instrument :
MSVOA_X
ClientSampleId :

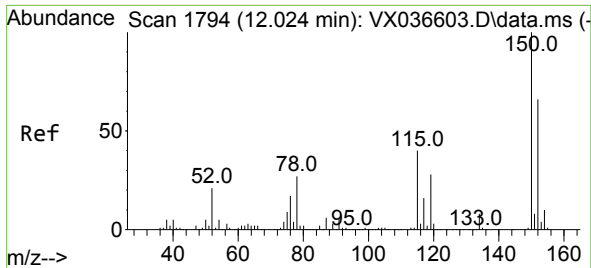
Tgt Ion: 95 Resp: 105770
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036688.D
Acq: 27 Jul 2023 19:55

Tgt Ion: 117 Resp: 217000
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.2 25.5 38.3

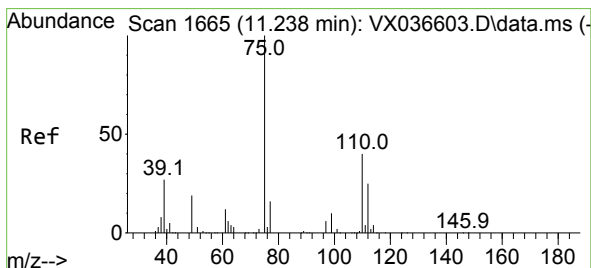
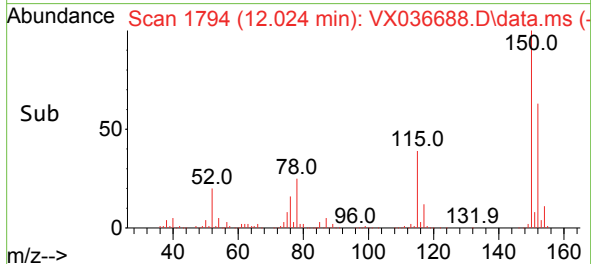
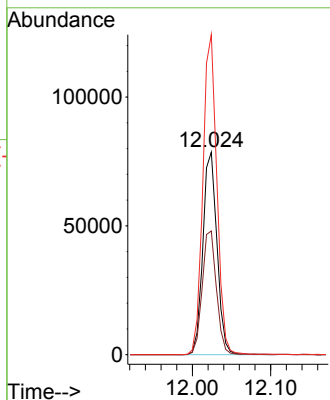
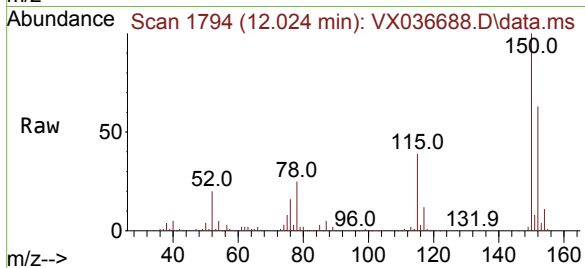




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036688.D
 Acq: 27 Jul 2023 19:55

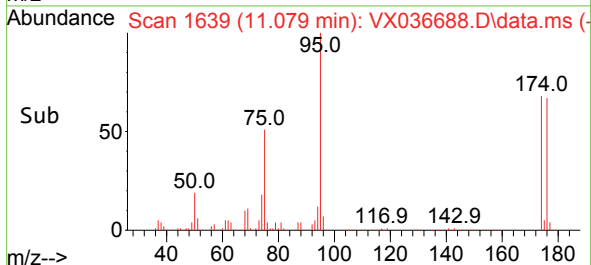
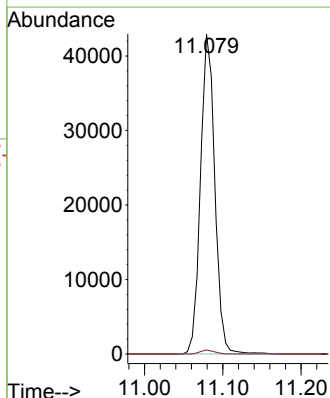
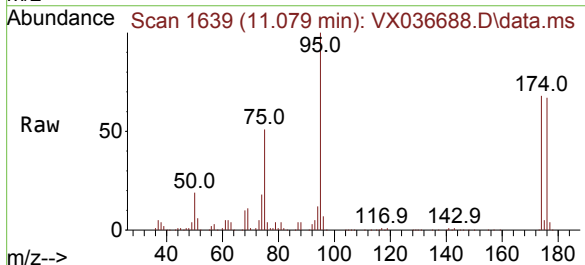
Instrument :
 MSVOA_X
 ClientSampleId :

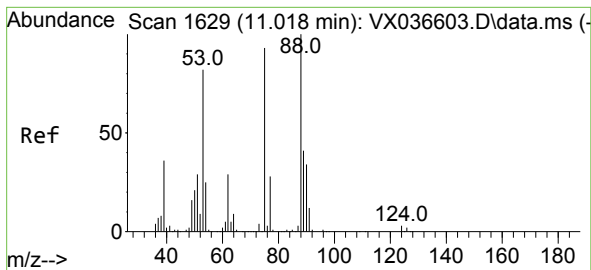
Tgt Ion:152 Resp: 98311
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.3 129.9
 150 156.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.580 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036688.D
 Acq: 27 Jul 2023 19:55

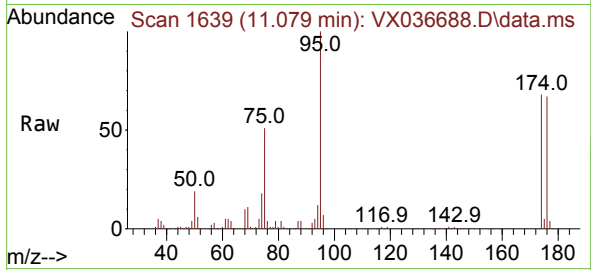
Tgt Ion: 75 Resp: 54526
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.446 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX036688.D
 Acq: 27 Jul 2023 19:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 54526
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

