

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036951.D
 Acq On : 11 Aug 2023 19:15
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 23:06:08 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)

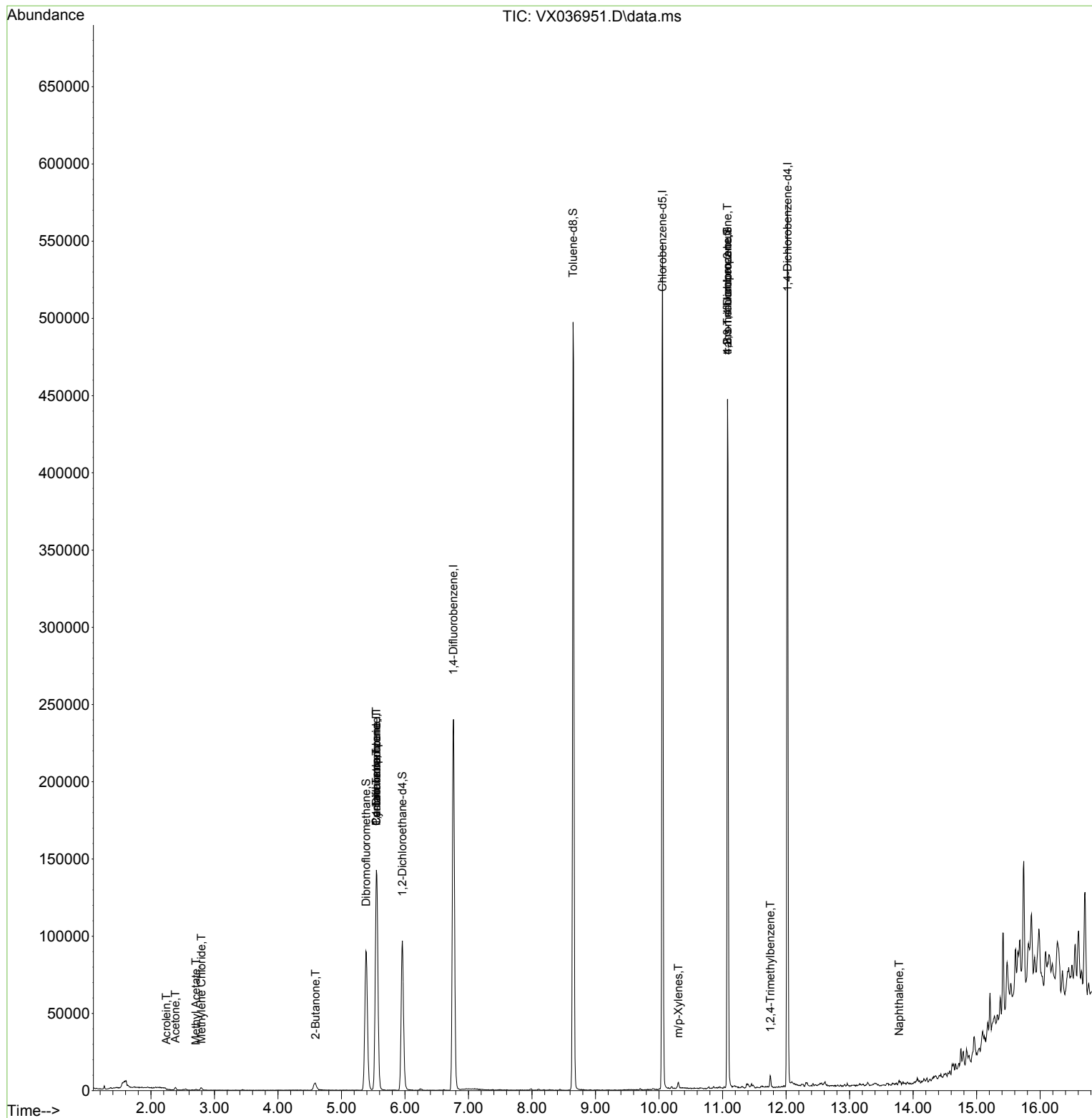
Internal Standards						
1) Pentafluorobenzene	5.550	168	134371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93792	47.174	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.340%
35) Dibromofluoromethane	5.385	113	80061	46.695	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	8.647	98	299956	49.333	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	122666	53.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.940%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	68	0.253	ug/l #	1
16) Acetone	2.386	43	1860	2.254	ug/l	92
18) Methyl Acetate	2.709	43	706	0.203	ug/l #	80
20) Methylene Chloride	2.794	84	761	0.415	ug/l #	82
25) 2-Butanone	4.593	43	851	0.636	ug/l #	51
31) Cyclohexane	5.550	56	3063	1.113	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10903	4.266	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14402	5.301	ug/l #	14
68) m/p-Xylenes	10.305	106	990	0.273	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	64428	22.793	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64428	51.662	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	3768	0.453	ug/l	98
95) Naphthalene	13.780	128	1941	0.223	ug/l #	84

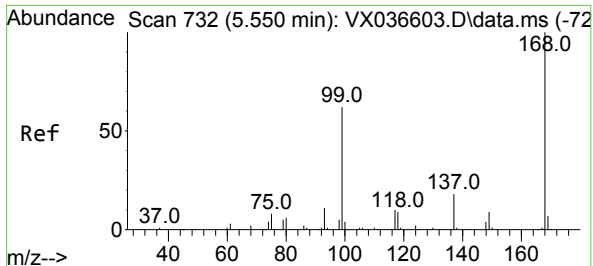
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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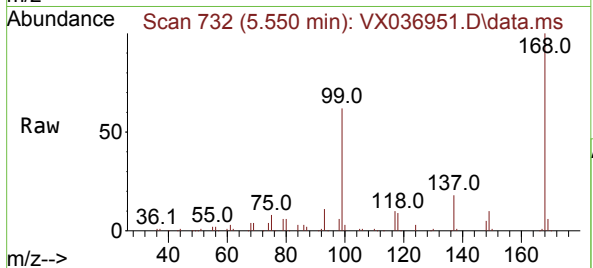
Quant Time: Aug 11 23:06:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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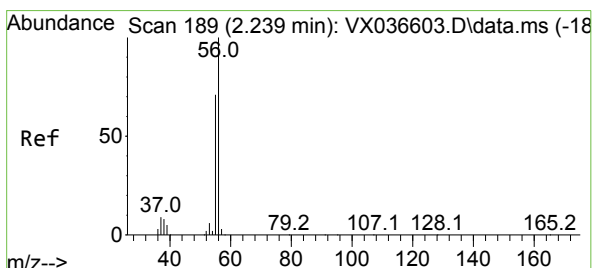
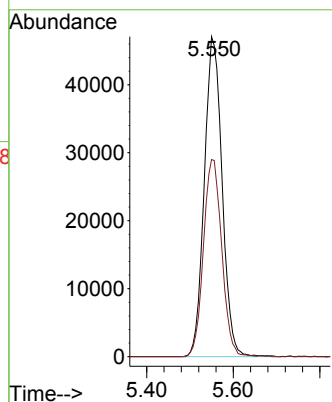
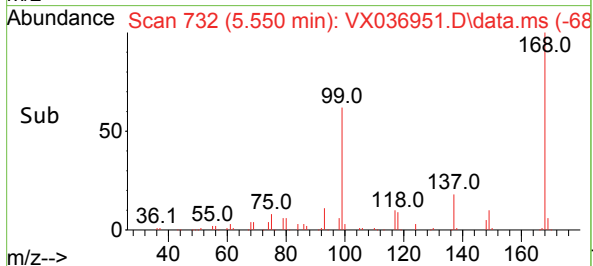


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :

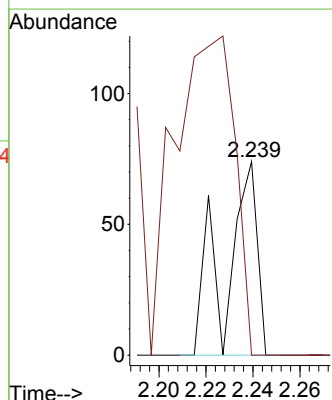
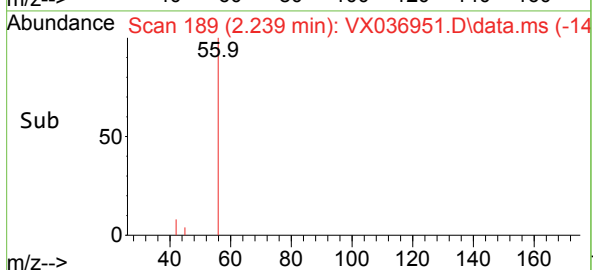
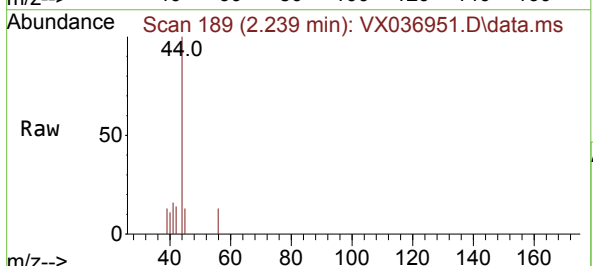


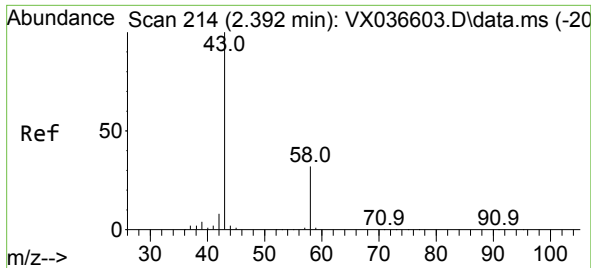
Tgt Ion:168 Resp: 134371
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#13
Acrolein
Concen: 0.253 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

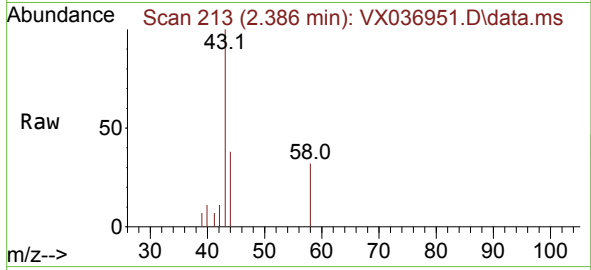
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 320.6 57.1 85.7#



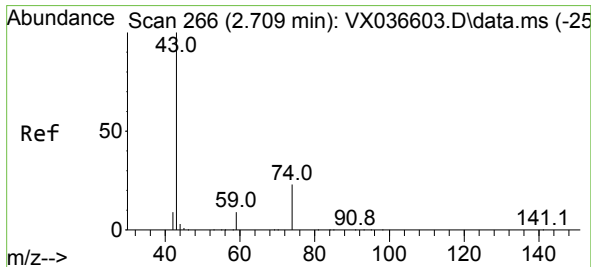
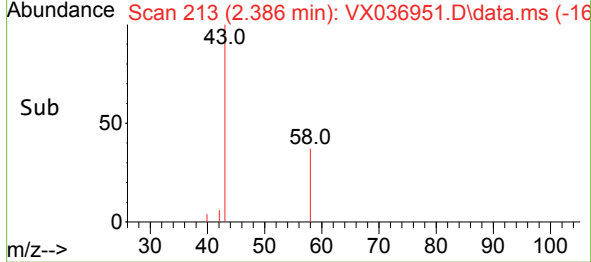
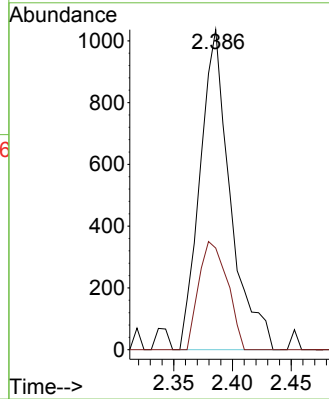


#16
Acetone
Concen: 2.254 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :

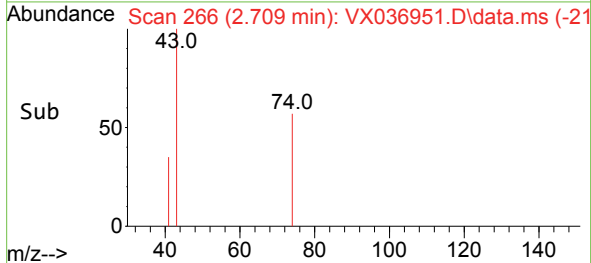
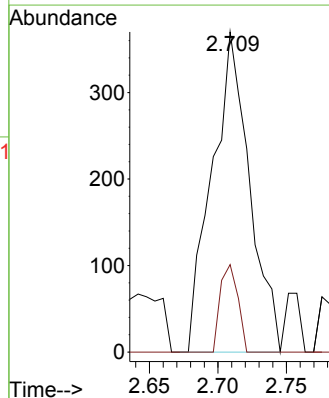
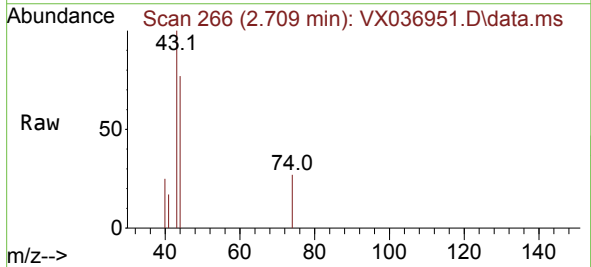


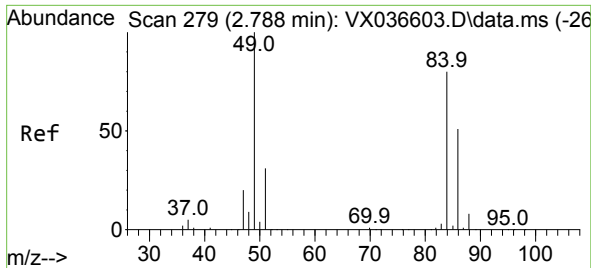
Tgt Ion: 43 Resp: 1860
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9



#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

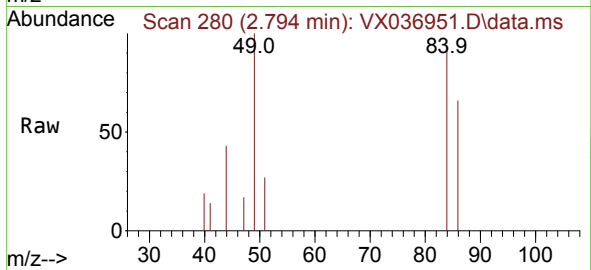
Tgt Ion: 43 Resp: 706
Ion Ratio Lower Upper
43 100
74 12.7 17.8 26.8#



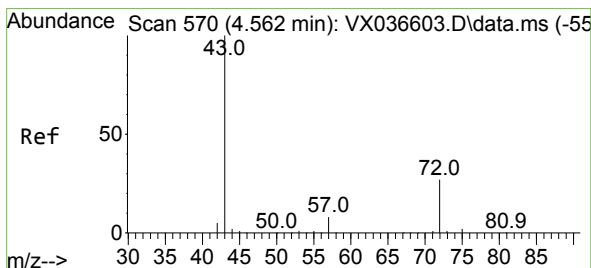
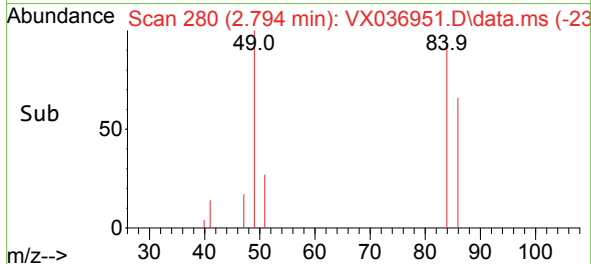
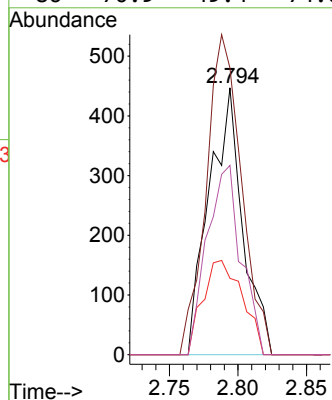


#20
Methylene Chloride
Concen: 0.415 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :

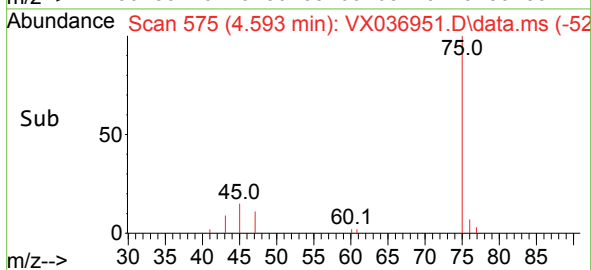
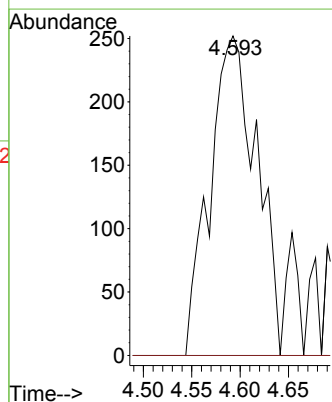
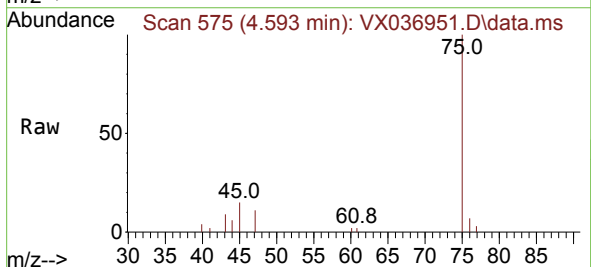


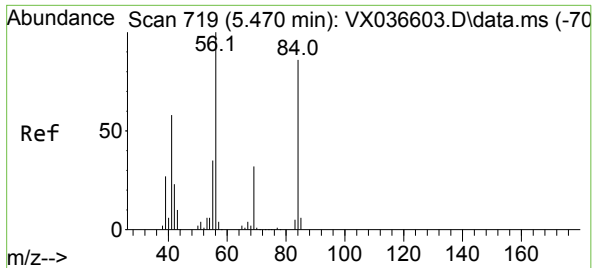
Tgt Ion:	84	Resp:	761
Ion	Ratio	Lower	Upper
84	100		
49	107.4	103.6	155.4
51	28.6	33.8	50.6#
86	70.9	49.4	74.0



#25
2-Butanone
Concen: 0.636 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.030 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

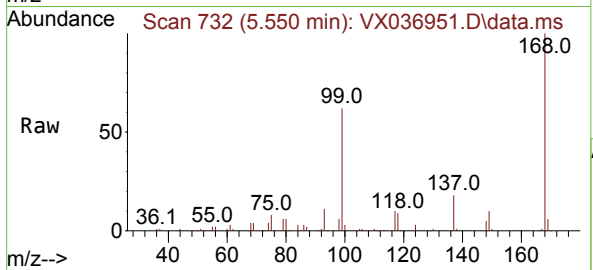
Tgt Ion:	43	Resp:	851
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



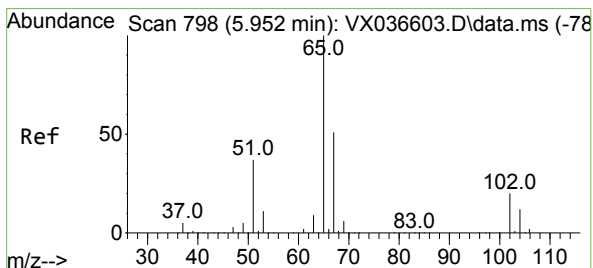
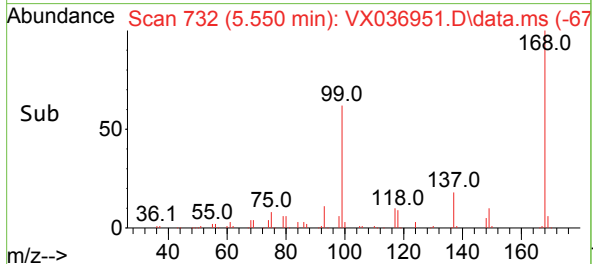
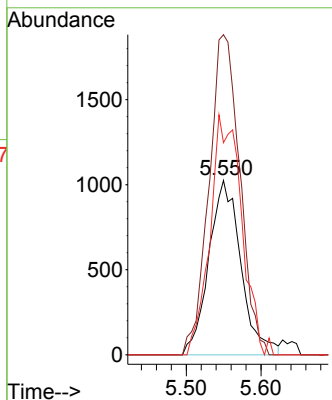


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :

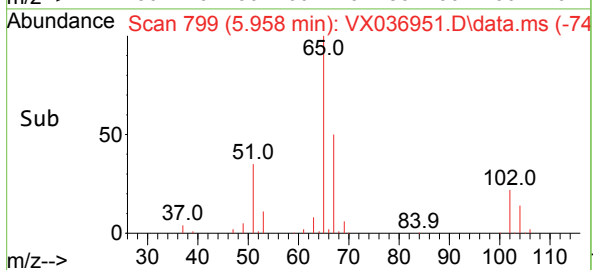
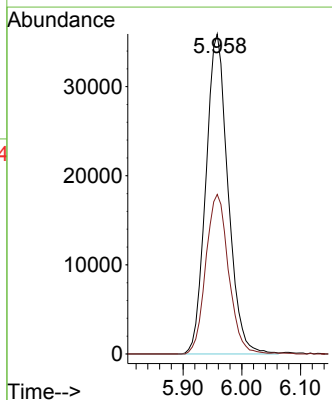
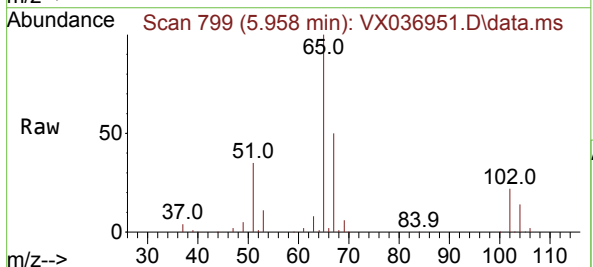


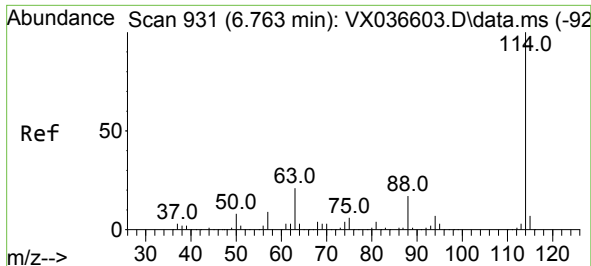
Tgt Ion: 56 Resp: 3063
Ion Ratio Lower Upper
56 100
69 183.6 23.4 35.2#
84 121.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.174 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Tgt Ion: 65 Resp: 93792
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.2

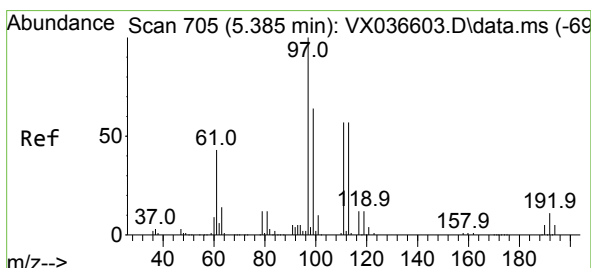
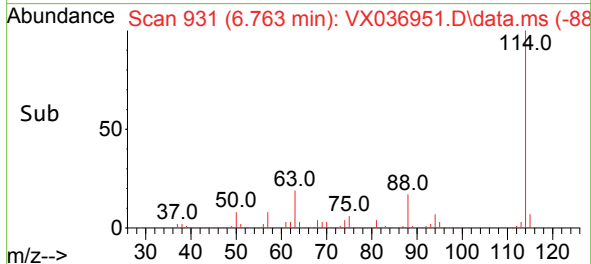
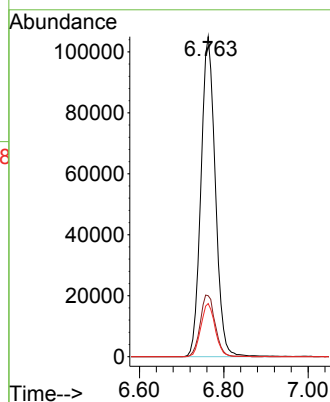
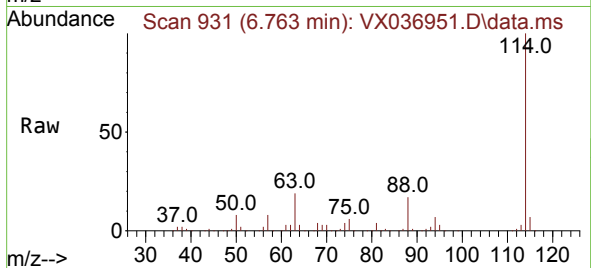




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

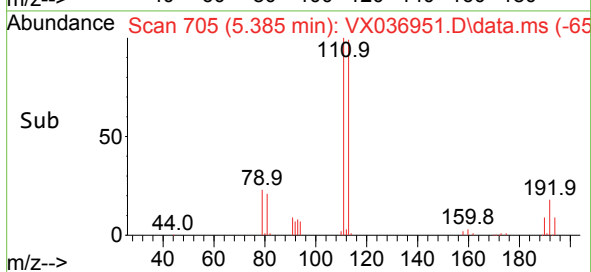
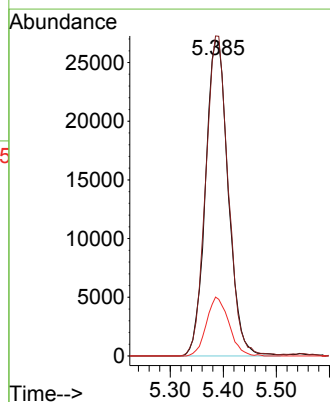
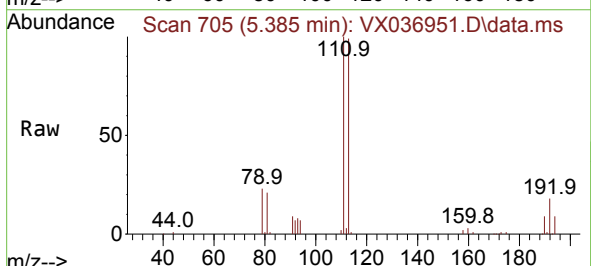
Instrument :
MSVOA_X
ClientSampleId :

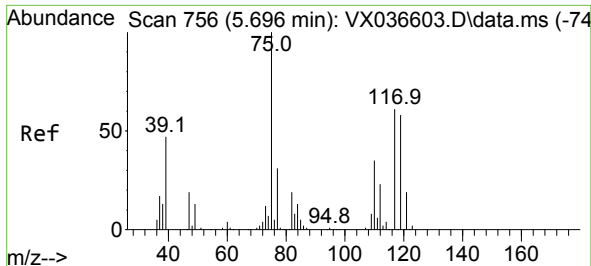
Tgt Ion:114 Resp: 249447
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.695 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

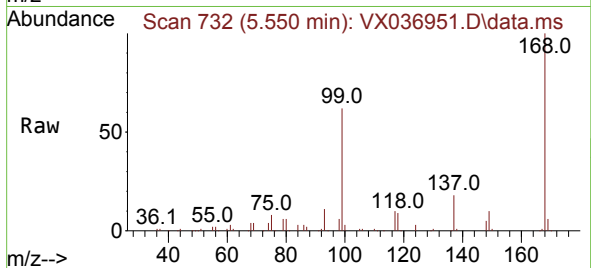
Tgt Ion:113 Resp: 80061
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 18.4 13.3 19.9



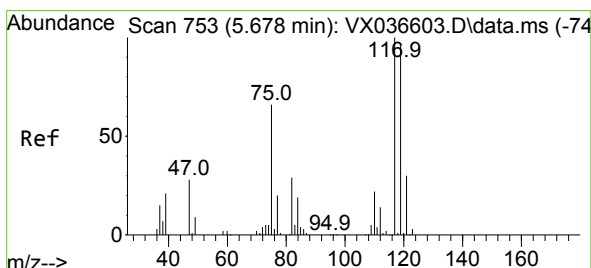
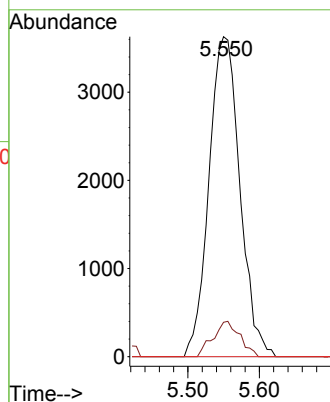
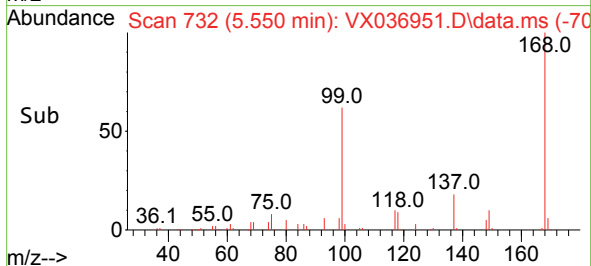


#36
1,1-Dichloropropene
Concen: 4.266 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :

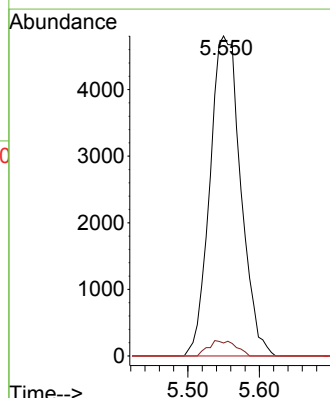
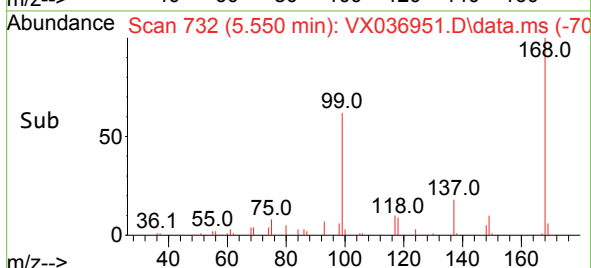
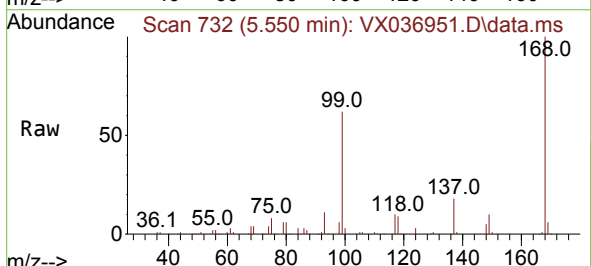


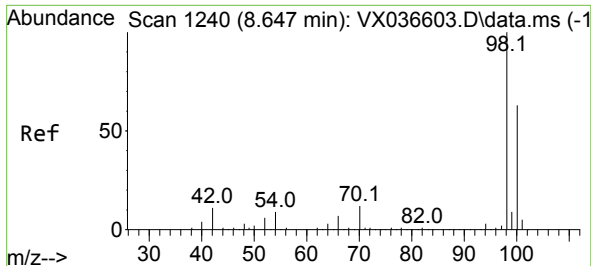
Tgt Ion: 75 Resp: 10903
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.301 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Tgt Ion: 117 Resp: 14402
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

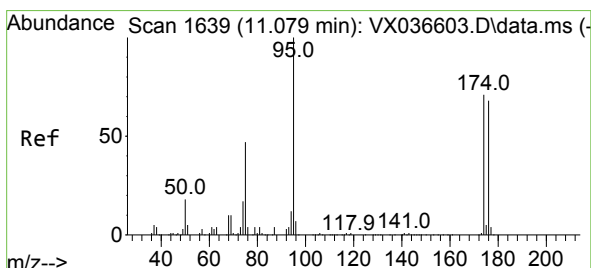
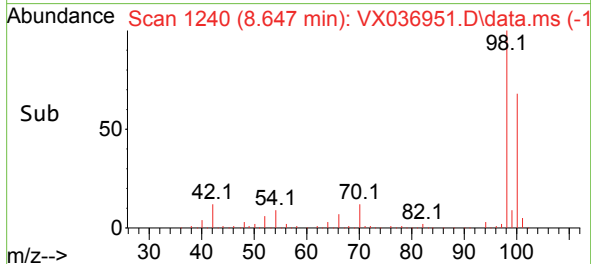
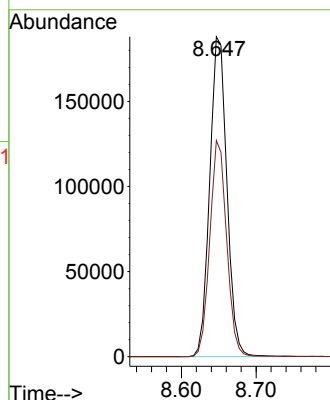
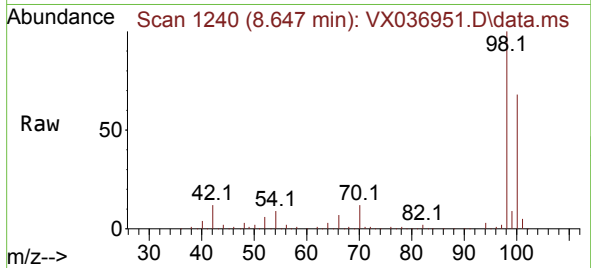




#50
Toluene-d8
Concen: 49.333 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

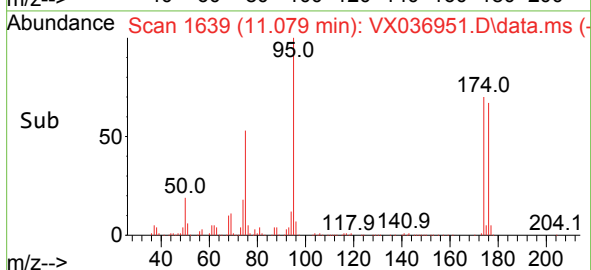
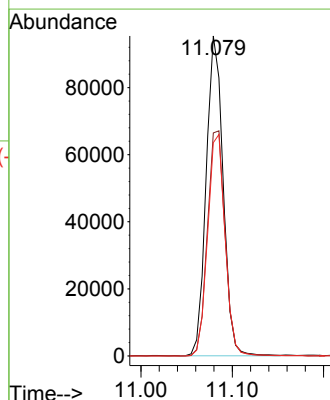
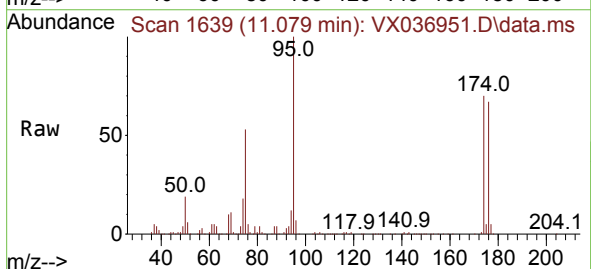
Instrument :
MSVOA_X
ClientSampleId :

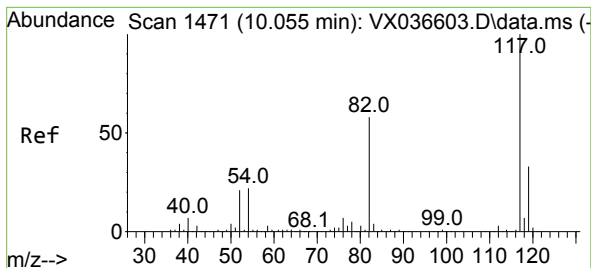
Tgt Ion: 98 Resp: 299956
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Tgt Ion: 95 Resp: 122666
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 71.3 0.0 131.0

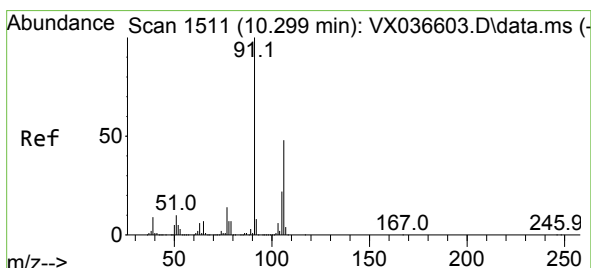
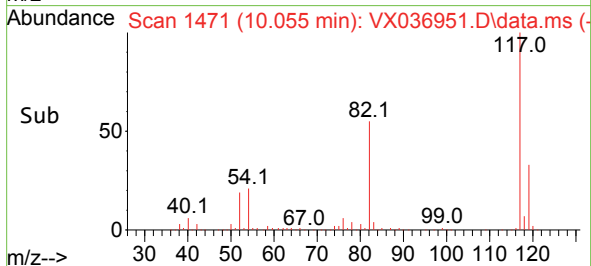
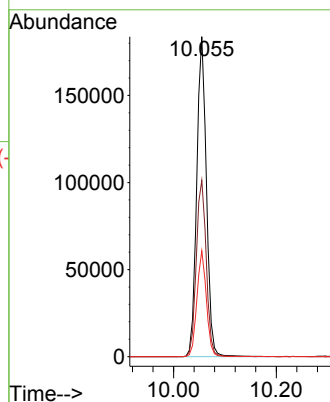
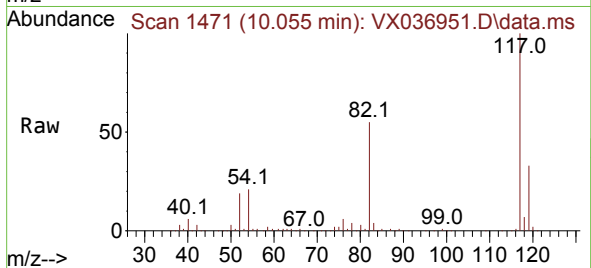




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

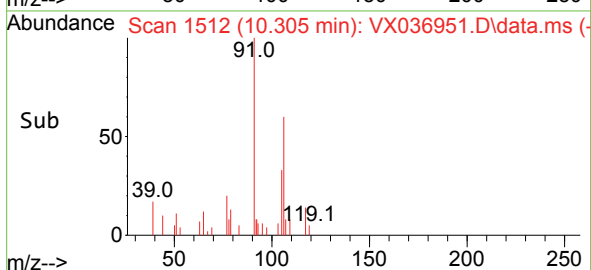
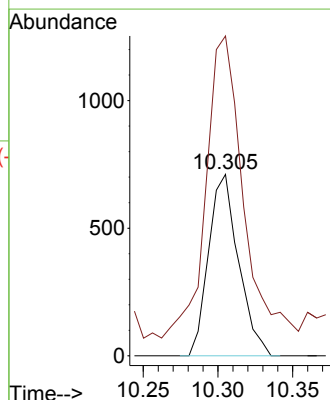
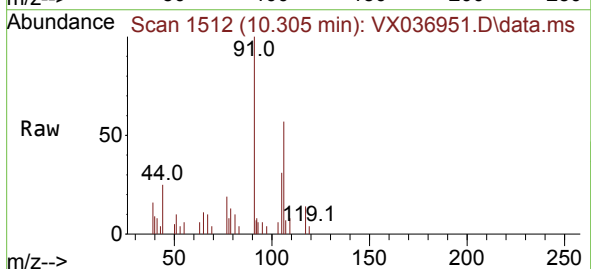
Instrument :
MSVOA_X
ClientSampleId :

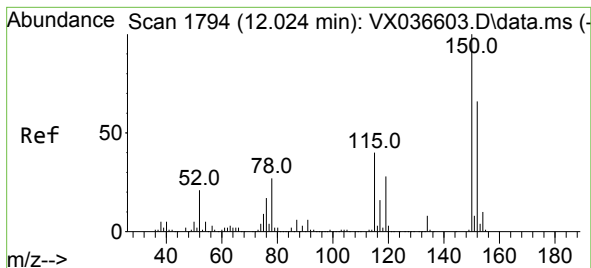
Tgt Ion:117 Resp: 241407
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.1 25.5 38.3



#68
m/p-Xylenes
Concen: 0.273 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Tgt Ion:106 Resp: 990
Ion Ratio Lower Upper
106 100
91 204.7 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

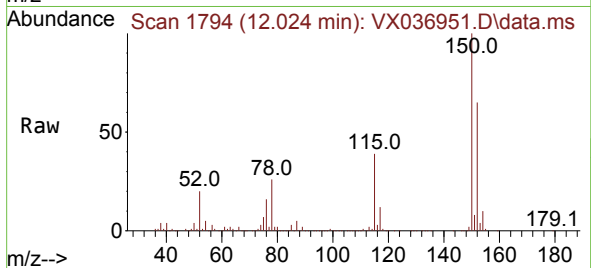
Lab File: VX036951.D

Acq: 11 Aug 2023 19:15

Instrument :

MSVOA_X

ClientSampleId :



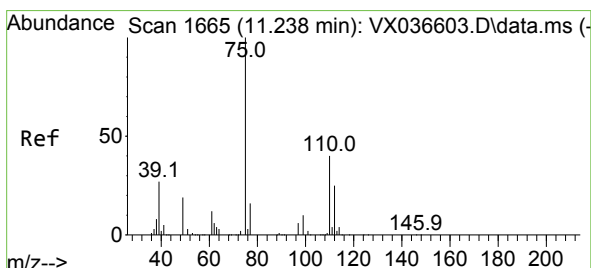
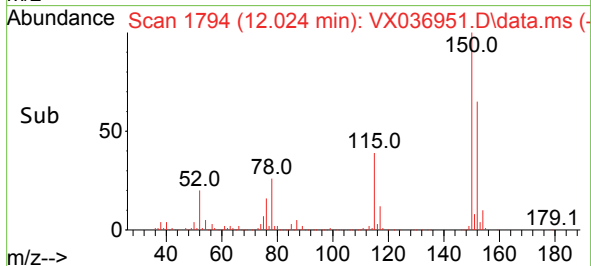
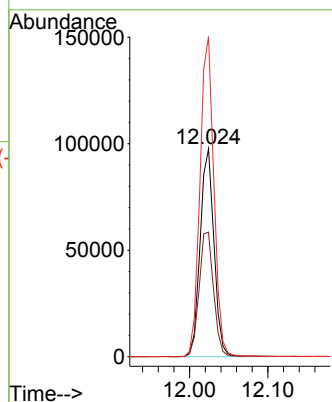
Tgt Ion:152 Resp: 120175

Ion Ratio Lower Upper

152 100

115 62.6 43.3 129.9

150 154.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.793 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036951.D

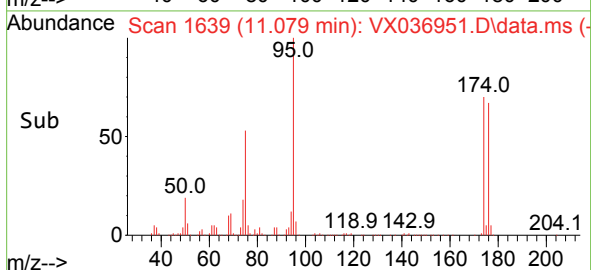
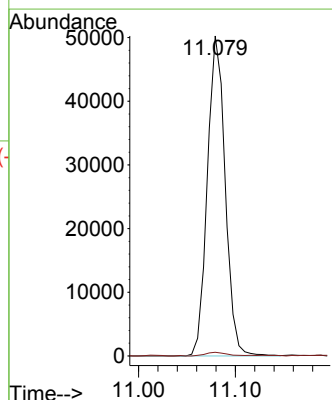
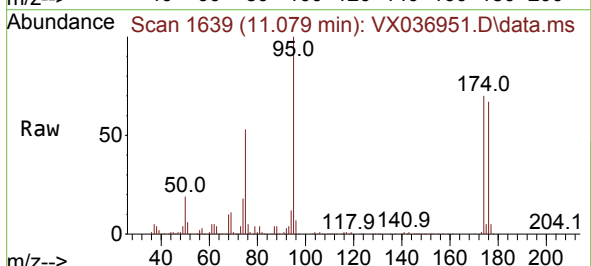
Acq: 11 Aug 2023 19:15

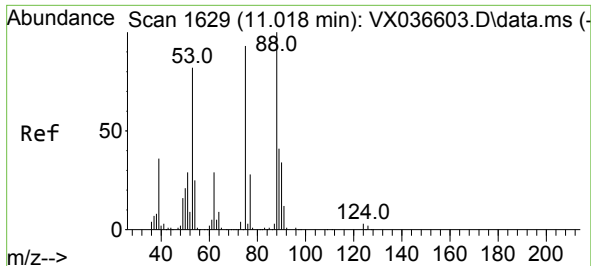
Tgt Ion: 75 Resp: 64428

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#

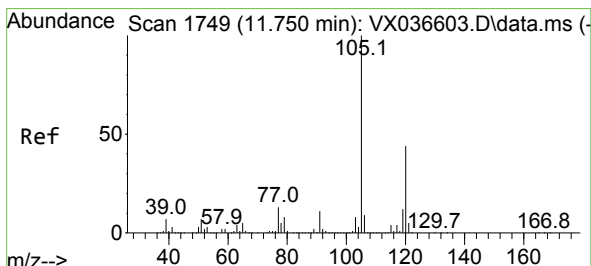
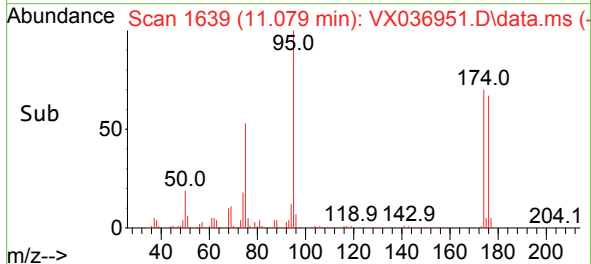
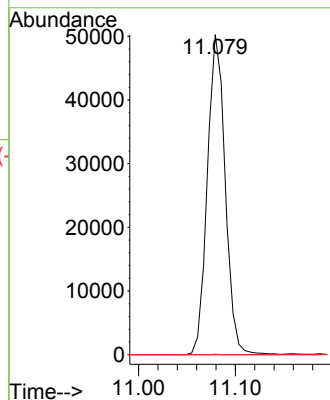
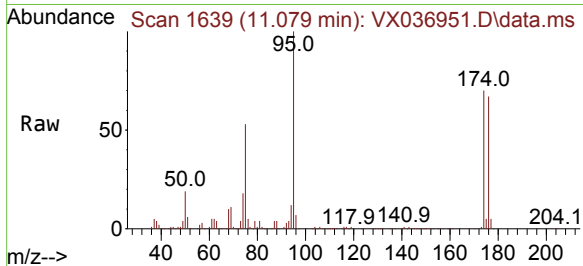




#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.662 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036951.D
 Acq: 11 Aug 2023 19:15

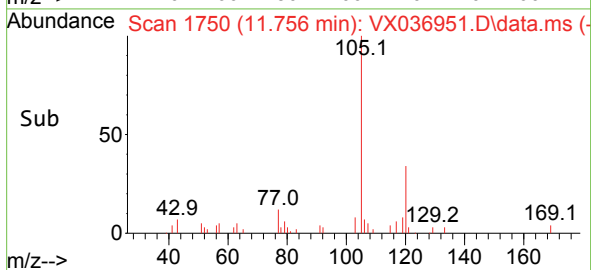
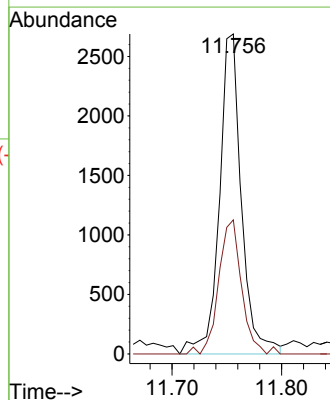
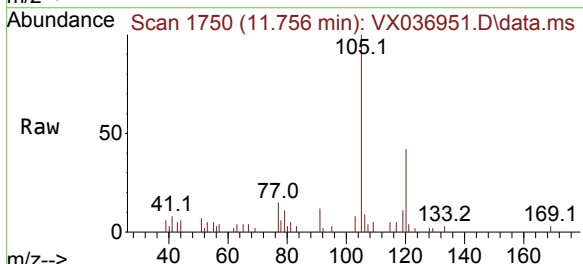
Instrument :
 MSVOA_X
 ClientSampleId :

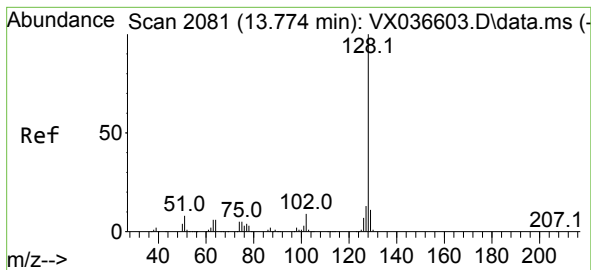
Tgt Ion: 75 Resp: 64428
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.453 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX036951.D
 Acq: 11 Aug 2023 19:15

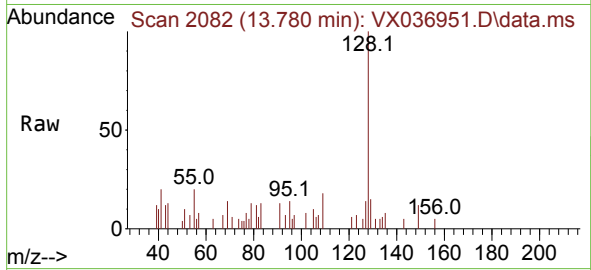
Tgt Ion: 105 Resp: 3768
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.2 63.6





#95
Naphthalene
Concen: 0.223 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036951.D
Acq: 11 Aug 2023 19:15

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.3	15.5
129	23.1	8.8	13.2#

