

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036684.D
 Acq On : 27 Jul 2023 18:18
 Operator : JC/MD
 Sample : 03811-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:15:36 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)

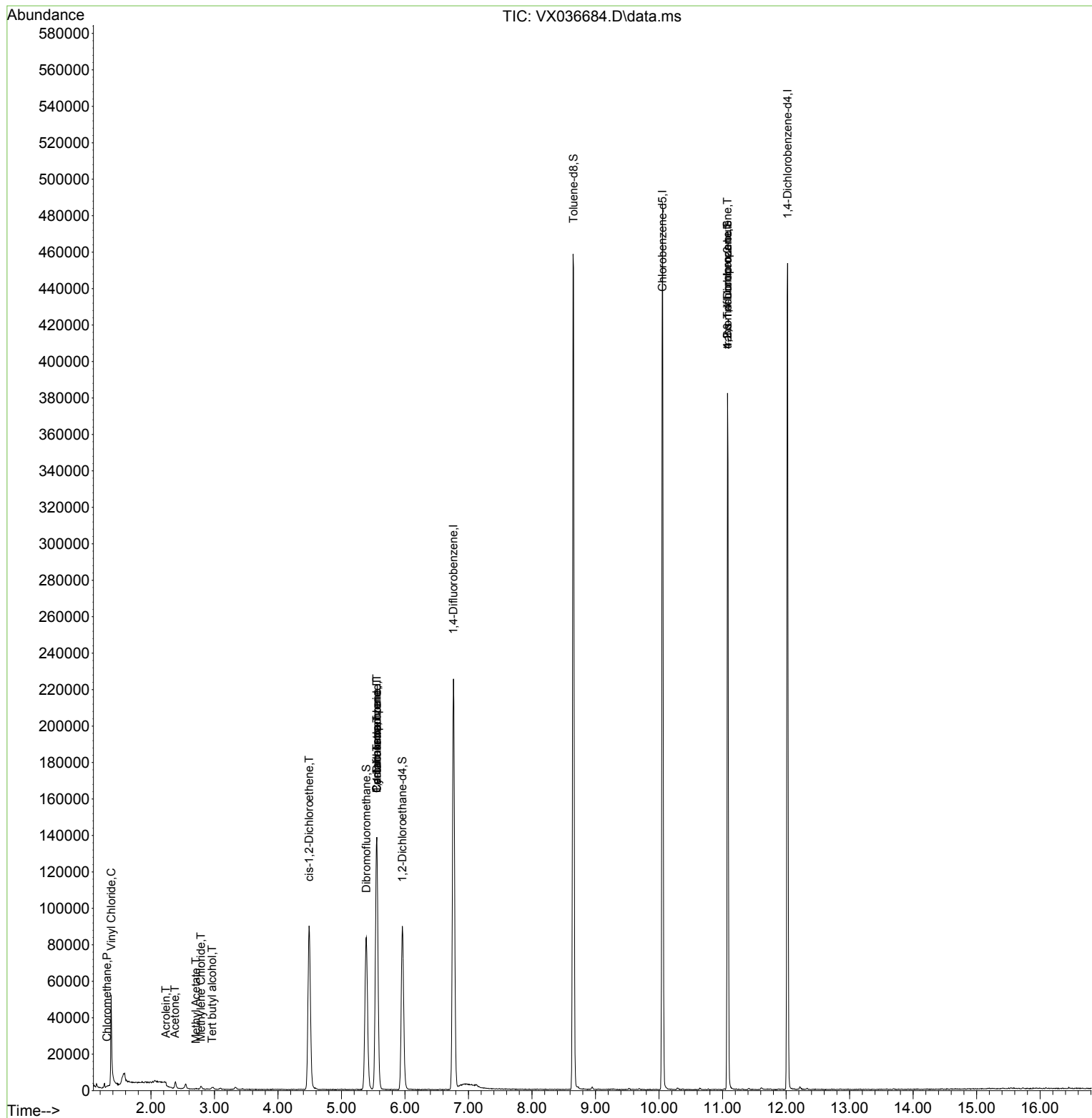
Internal Standards						
1) Pentafluorobenzene	5.556	168	127924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229880	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86593	45.748	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.500%
35) Dibromofluoromethane	5.391	113	73448	46.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.653	98	277735	49.567	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.140%
62) 4-Bromofluorobenzene	11.079	95	103303	48.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	619	0.403	ug/l	89
4) Vinyl Chloride	1.374	62	36482	23.312	ug/l	100
11) Tert butyl alcohol	2.965	59	1291	2.881	ug/l #	76
13) Acrolein	2.233	56	234	0.915	ug/l #	14
16) Acetone	2.380	43	3893	4.956	ug/l	95
18) Methyl Acetate	2.709	43	728	0.220	ug/l #	78
20) Methylene Chloride	2.788	84	852	0.488	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	56805	29.874	ug/l	84
31) Cyclohexane	5.556	56	3087	1.178	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	10906	4.631	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13554	5.413	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	54101	24.455	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54101	55.428	ug/l #	5

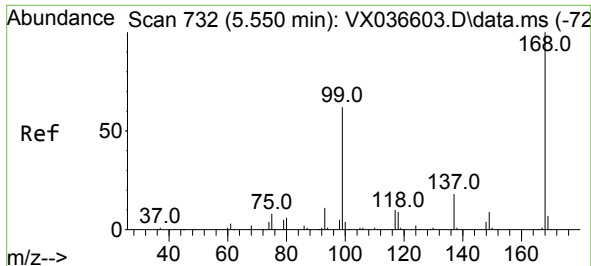
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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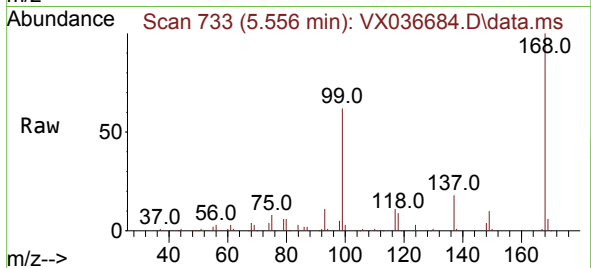
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



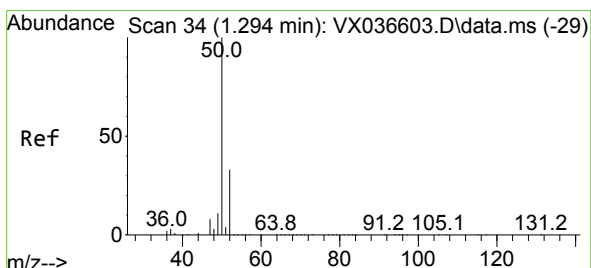
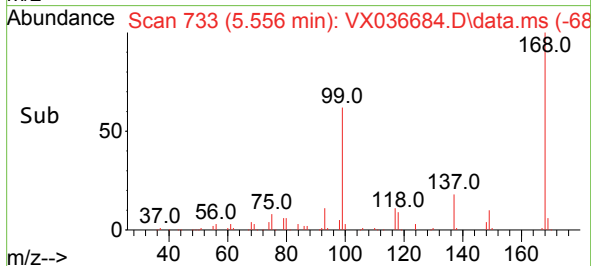
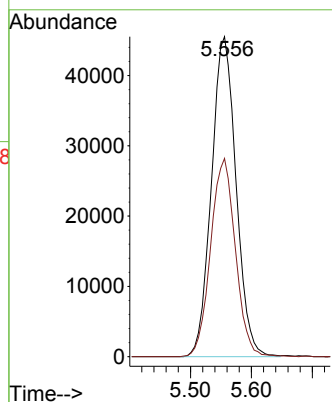


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :

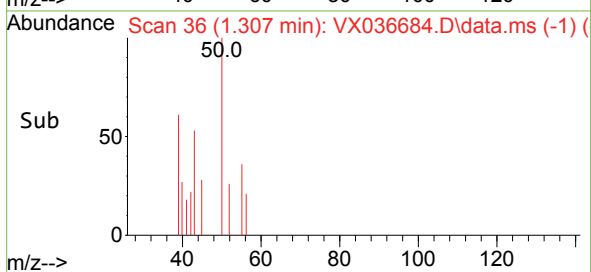
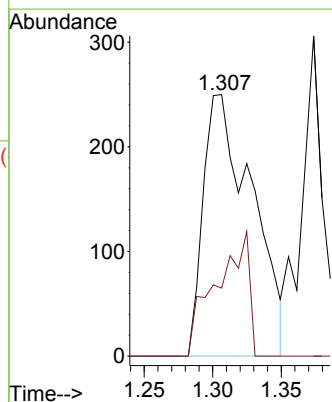
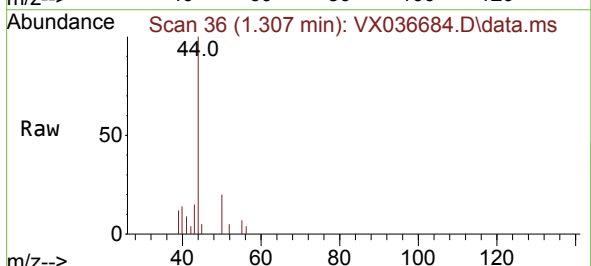


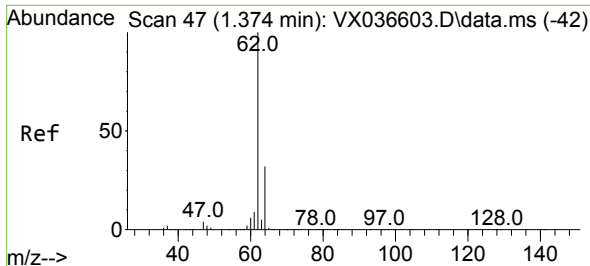
Tgt Ion:168 Resp: 127924
Ion Ratio Lower Upper
168 100
99 62.0 56.6 85.0



#3
Chloromethane
Concen: 0.403 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

Tgt Ion: 50 Resp: 619
Ion Ratio Lower Upper
50 100
52 26.0 25.5 38.3

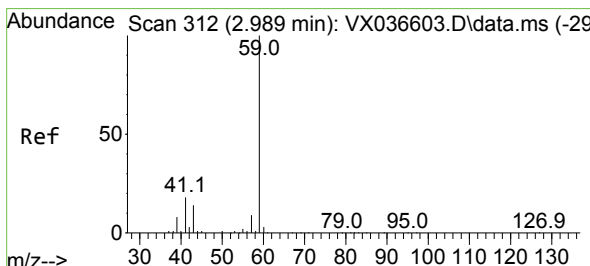
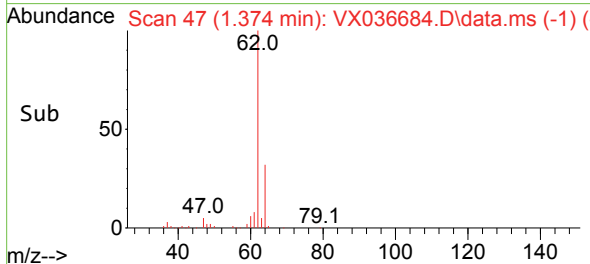
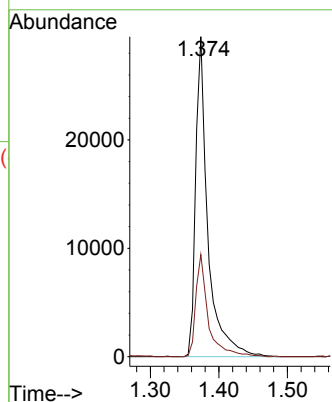
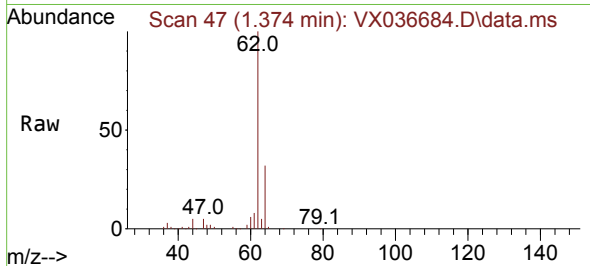




#4
 Vinyl Chloride
 Concen: 23.312 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036684.D
 Acq: 27 Jul 2023 18:18

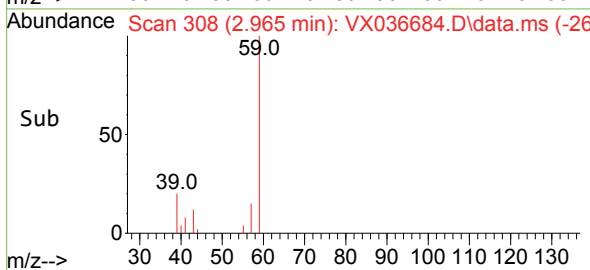
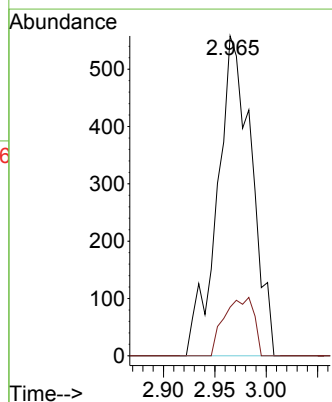
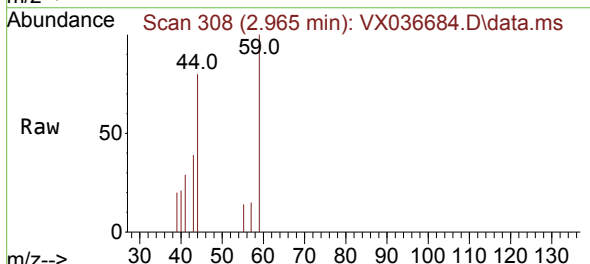
Instrument :
 MSVOA_X
 ClientSampleId :

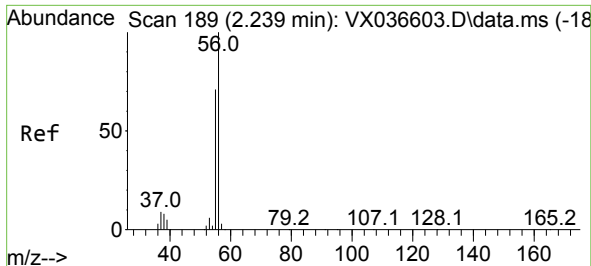
Tgt Ion: 62 Resp: 36482
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.4 38.0



#11
 Tert butyl alcohol
 Concen: 2.881 ug/l
 RT: 2.965 min Scan# 308
 Delta R.T. -0.024 min
 Lab File: VX036684.D
 Acq: 27 Jul 2023 18:18

Tgt Ion: 59 Resp: 1291
 Ion Ratio Lower Upper
 59 100
 57 15.8 6.0 9.0#

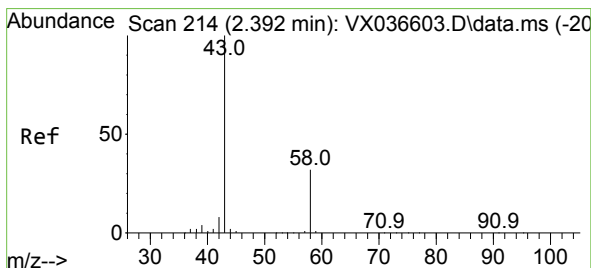
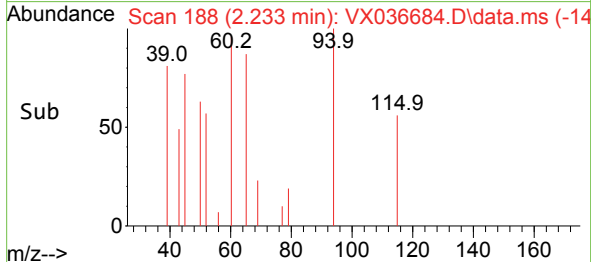
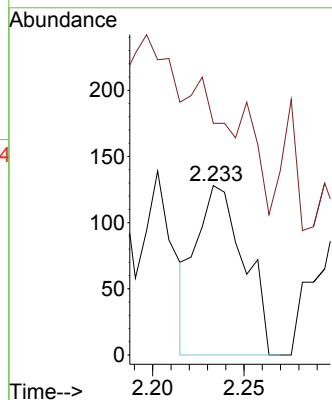
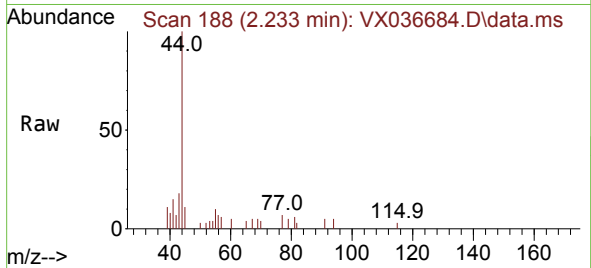




#13
Acrolein
Concen: 0.915 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

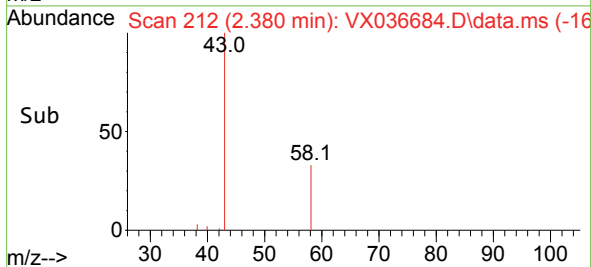
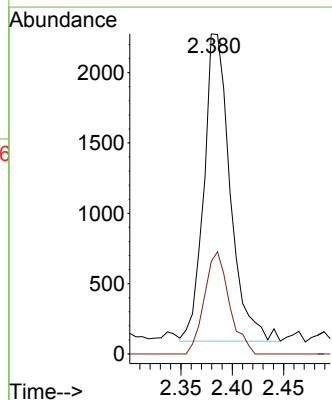
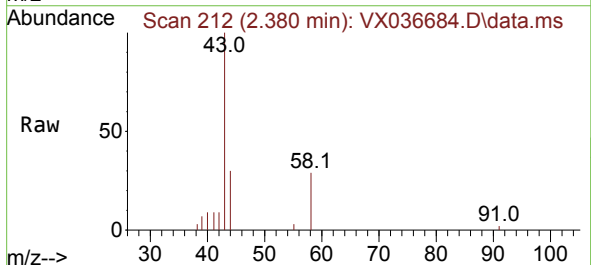
Instrument :
MSVOA_X
ClientSampleId :

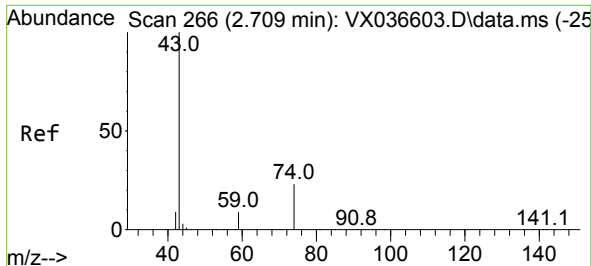
Tgt Ion: 56 Resp: 234
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 4.956 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

Tgt Ion: 43 Resp: 3893
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9

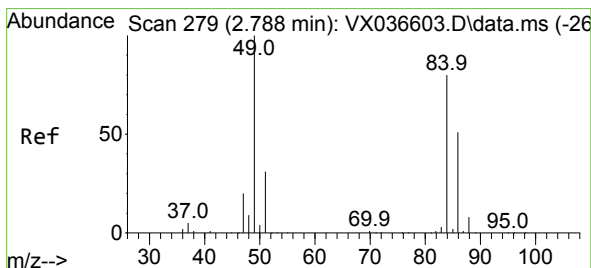
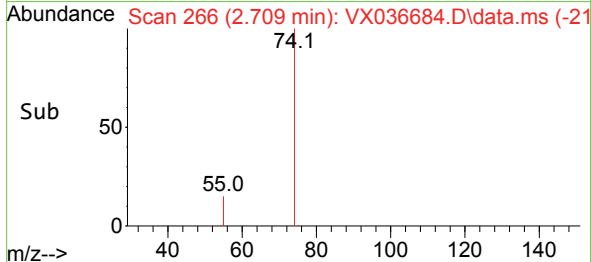
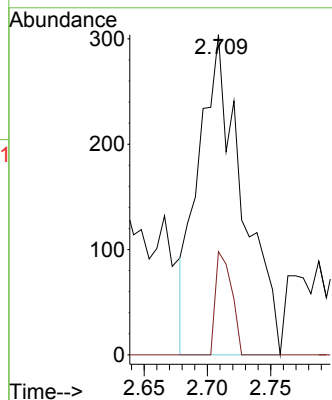
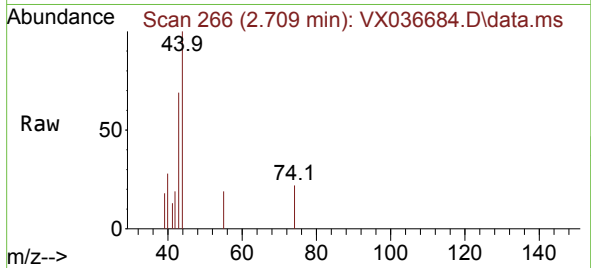




#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

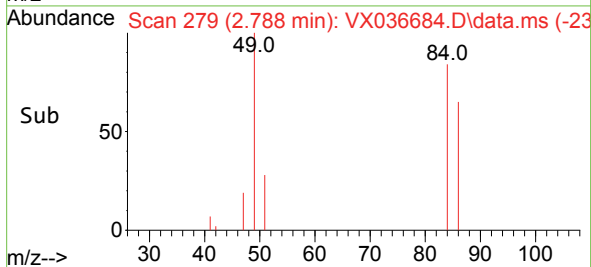
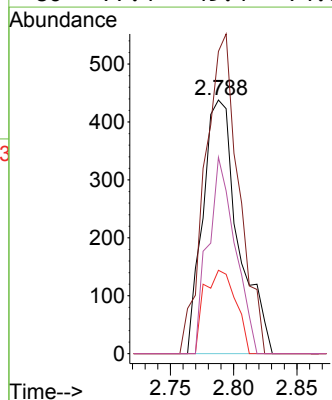
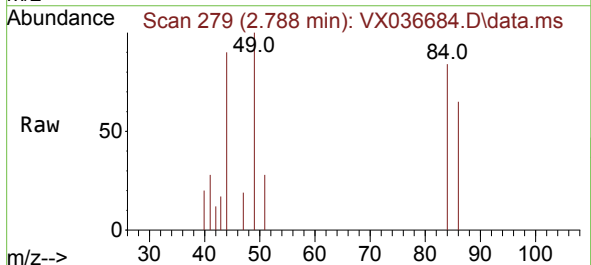
Instrument :
MSVOA_X
ClientSampleId :

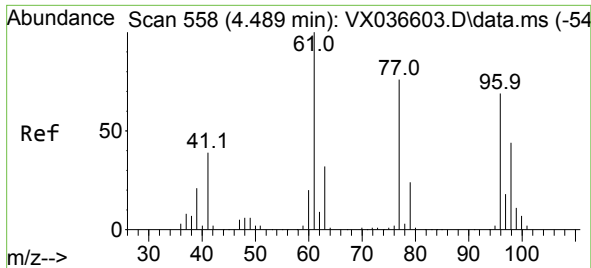
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
74 12.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.488 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

Tgt Ion: 84 Resp: 852
Ion Ratio Lower Upper
84 100
49 119.2 103.6 155.4
51 32.9 33.8 50.6#
86 77.4 49.4 74.0#

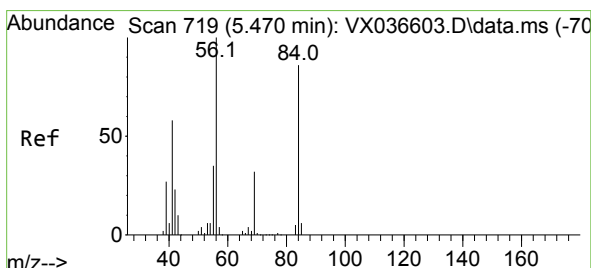
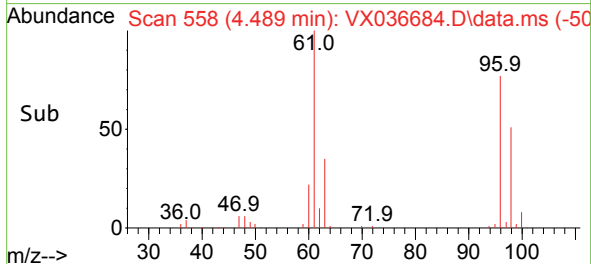
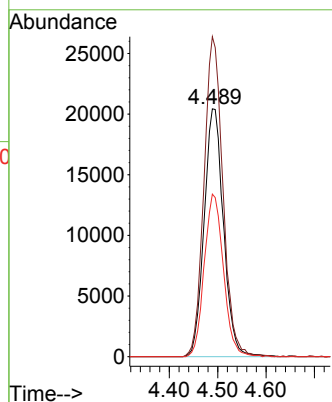
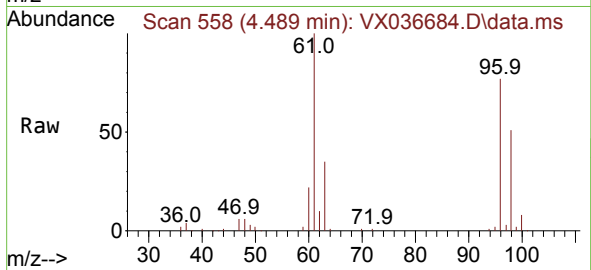




#27
 cis-1,2-Dichloroethene
 Concen: 29.874 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX036684.D
 Acq: 27 Jul 2023 18:18

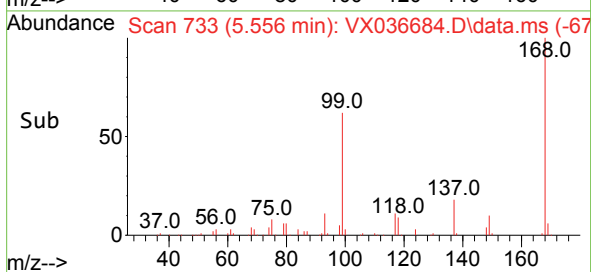
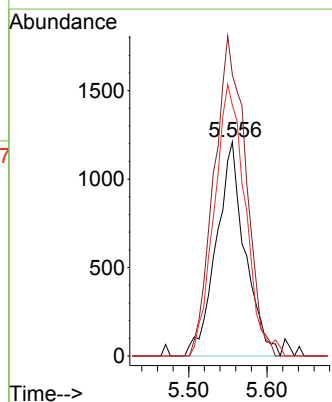
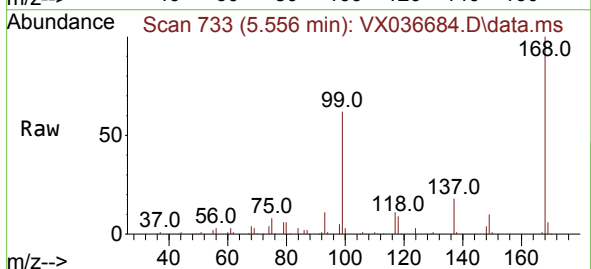
Instrument :
 MSVOA_X
 ClientSampleId :

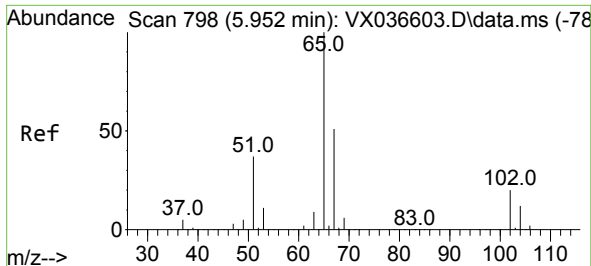
Tgt Ion:	96	Resp:	56805
Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	312.2
98	64.9	0.0	129.0



#31
 Cyclohexane
 Concen: 1.178 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX036684.D
 Acq: 27 Jul 2023 18:18

Tgt Ion:	56	Resp:	3087
Ion	Ratio	Lower	Upper
56	100		
69	131.4	23.4	35.2#
84	117.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.748 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036684.D

Acq: 27 Jul 2023 18:18

Instrument :

MSVOA_X

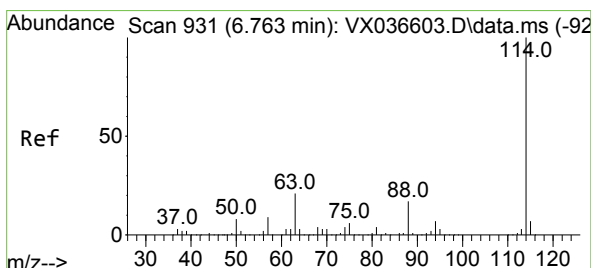
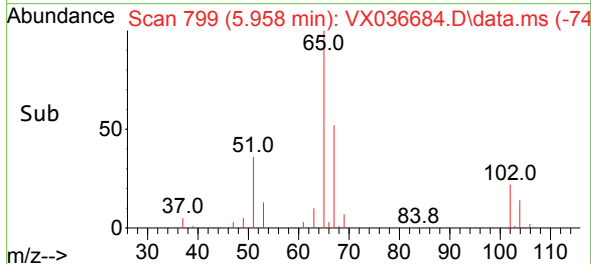
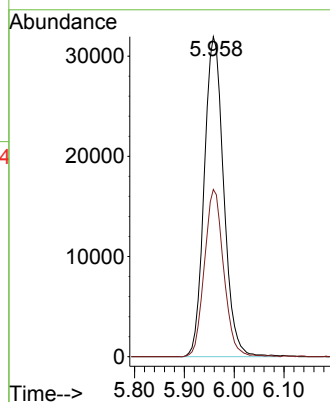
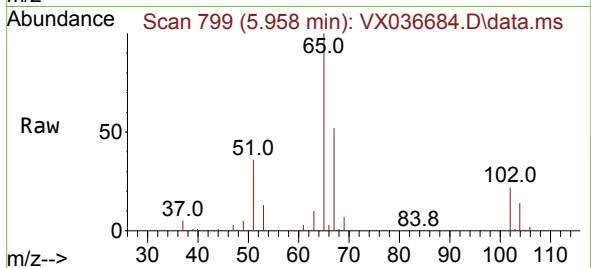
ClientSampleId :

Tgt Ion: 65 Resp: 86593

Ion Ratio Lower Upper

65 100

67 51.8 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: VX036684.D

Acq: 27 Jul 2023 18:18

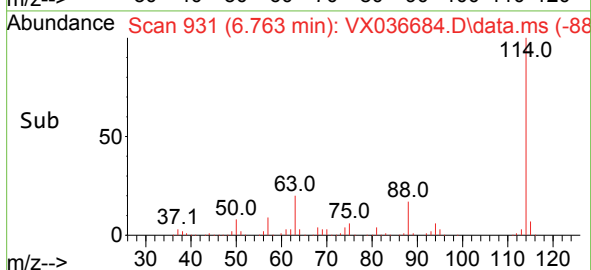
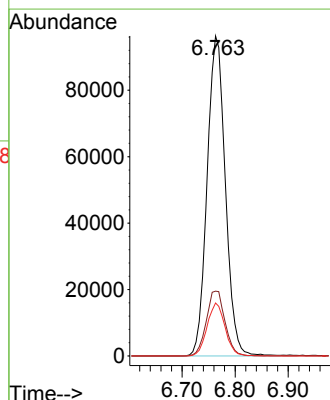
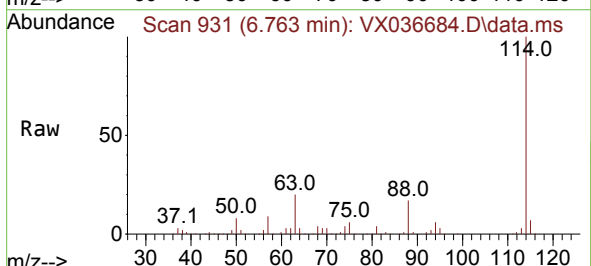
Tgt Ion: 114 Resp: 229880

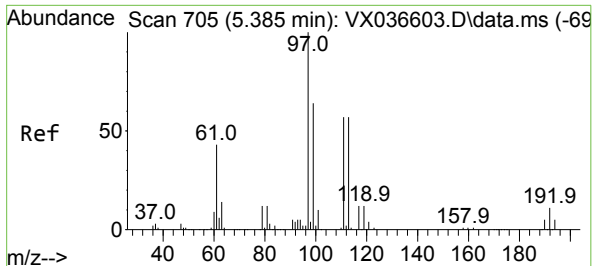
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

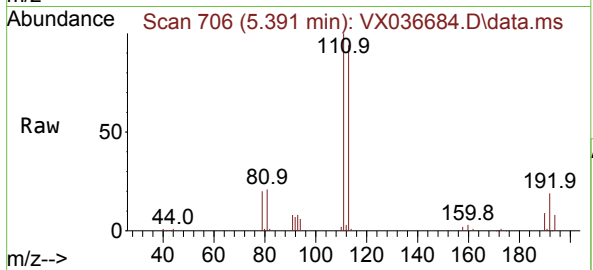
88 16.6 0.0 36.6



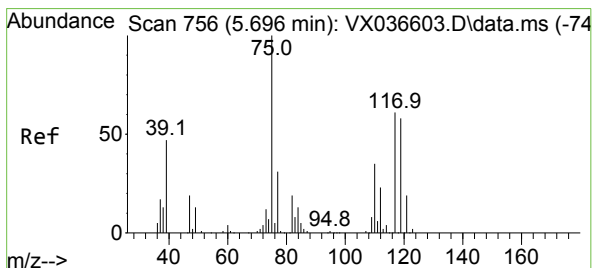
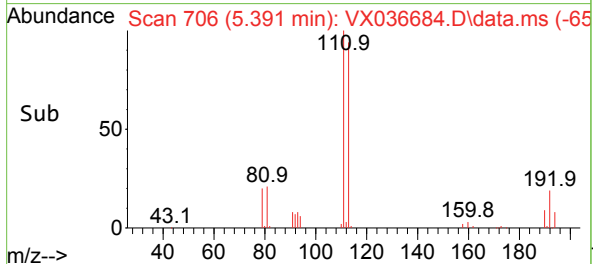
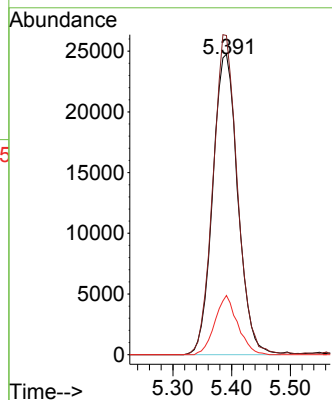


#35
Dibromofluoromethane
Concen: 46.484 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :

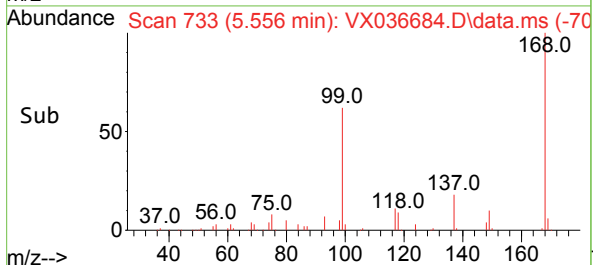
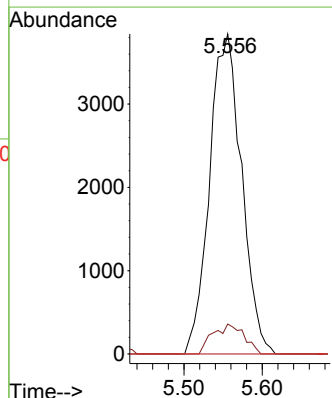
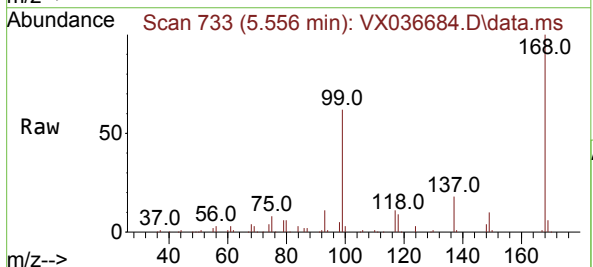


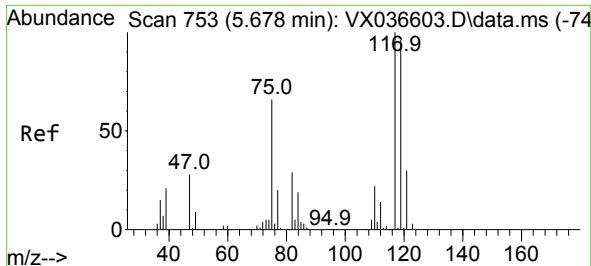
Tgt Ion:113 Resp: 73448
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.631 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

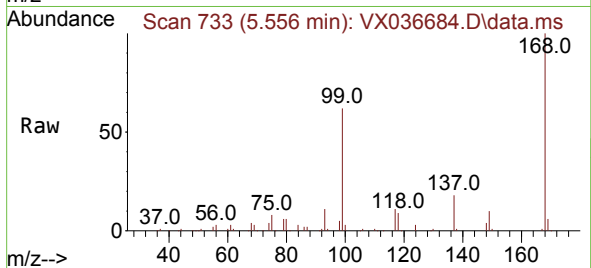
Tgt Ion: 75 Resp: 10906
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



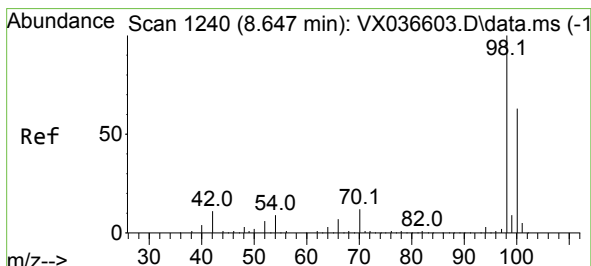
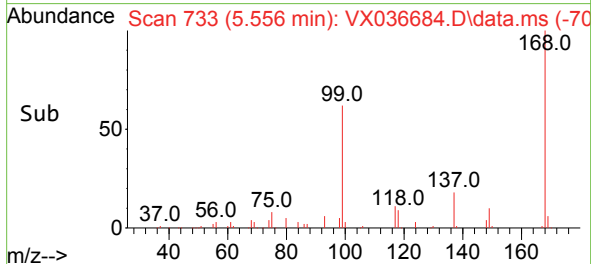
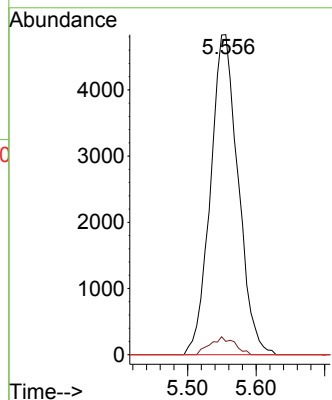


#38
Carbon Tetrachloride
Concen: 5.413 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

Instrument :
MSVOA_X
ClientSampleId :

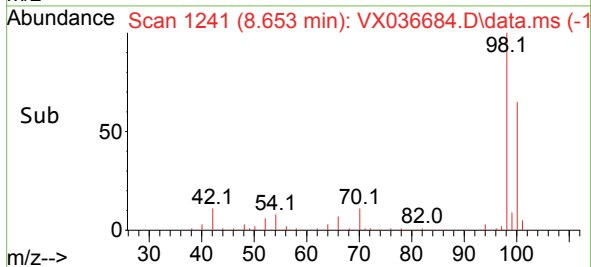
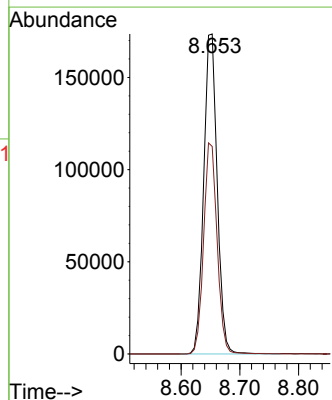
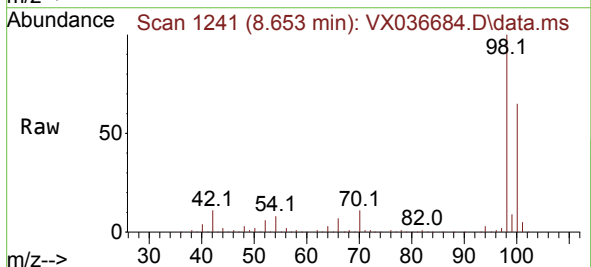


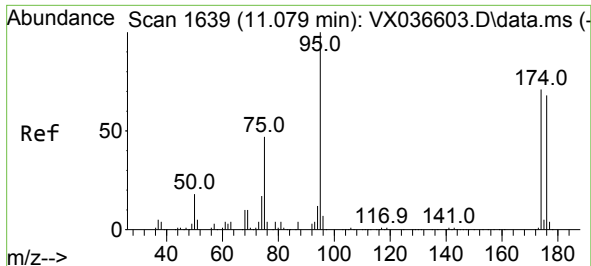
Tgt Ion:117 Resp: 13554
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.567 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

Tgt Ion: 98 Resp: 277735
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

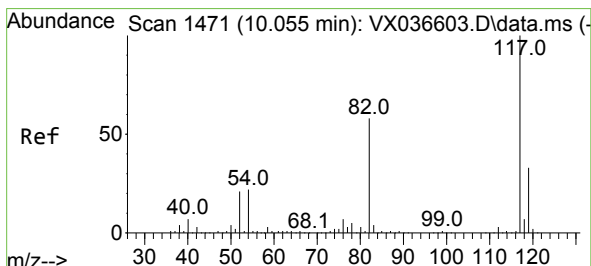
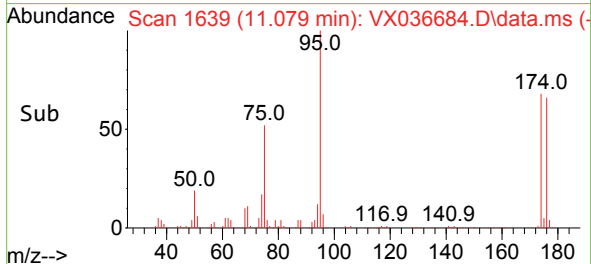
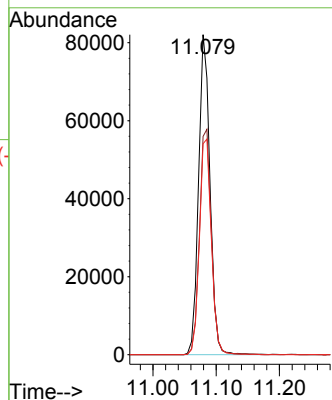
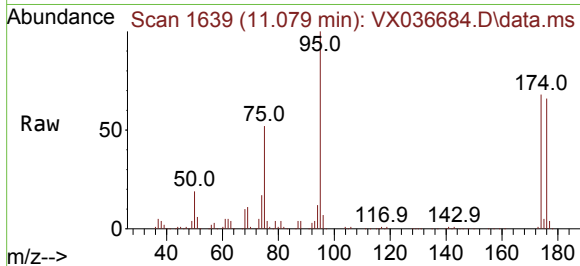




#62
4-Bromofluorobenzene
Concen: 48.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

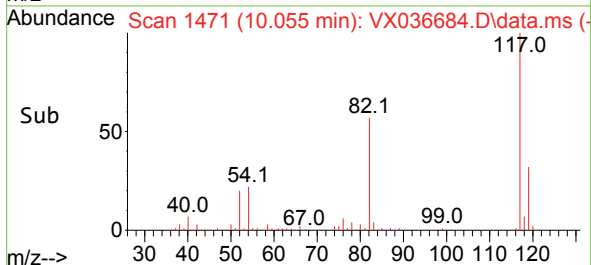
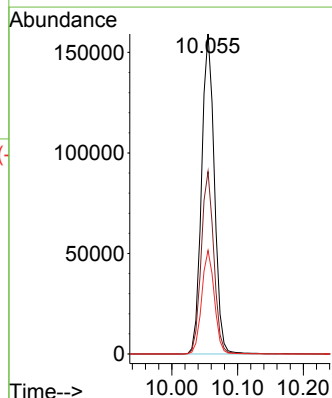
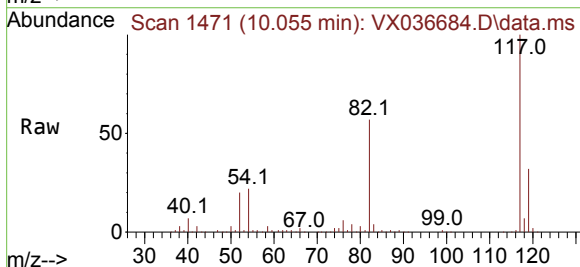
Instrument :
MSVOA_X
ClientSampleId :

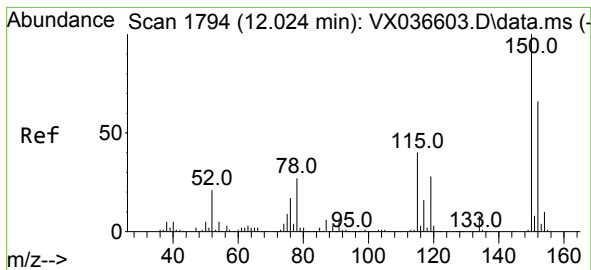
Tgt Ion: 95 Resp: 103303
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036684.D
Acq: 27 Jul 2023 18:18

Tgt Ion: 117 Resp: 215060
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.4 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: VX036684.D

Acq: 27 Jul 2023 18:18

Instrument :

MSVOA_X

ClientSampleId :

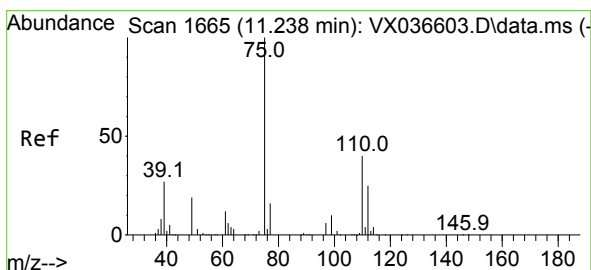
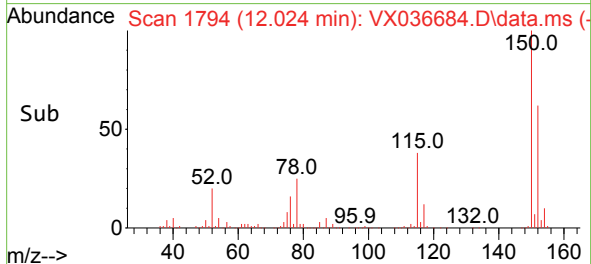
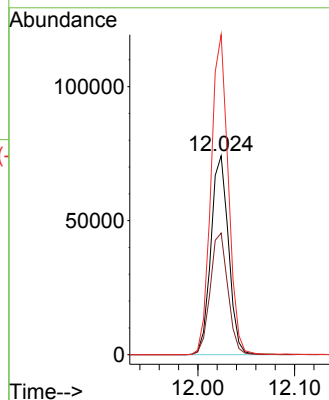
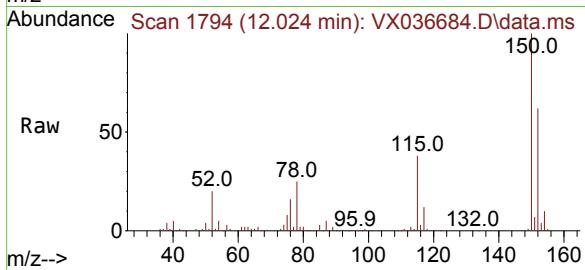
Tgt Ion:152 Resp: 94056

Ion Ratio Lower Upper

152 100

115 61.4 43.3 129.9

150 157.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.455 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036684.D

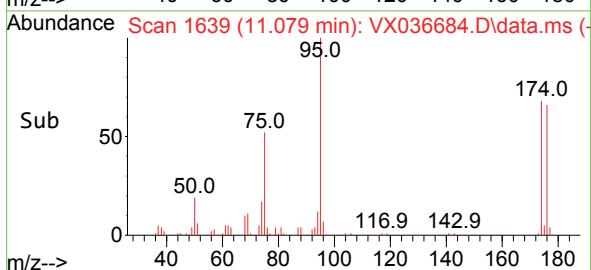
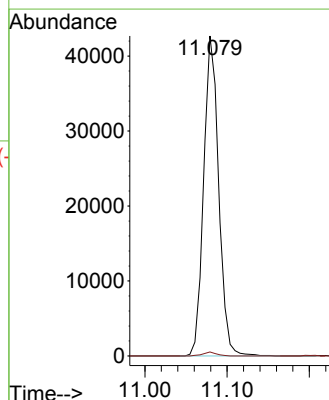
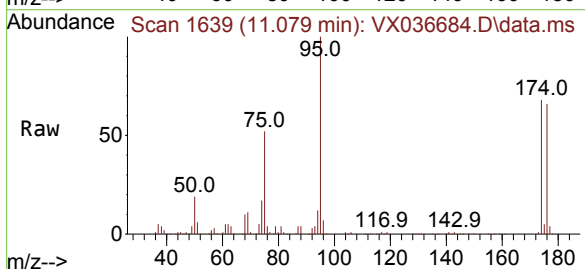
Acq: 27 Jul 2023 18:18

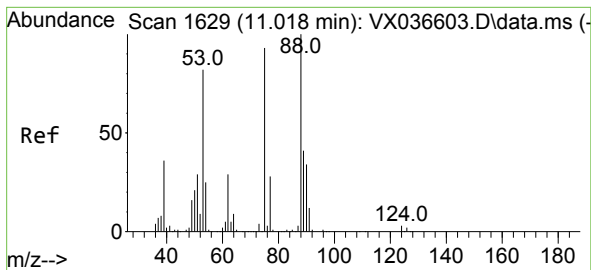
Tgt Ion: 75 Resp: 54101

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.428 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036684.D
 Acq: 27 Jul 2023 18:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 54101
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

