

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036674.D
 Acq On : 27 Jul 2023 14:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:12:01 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)

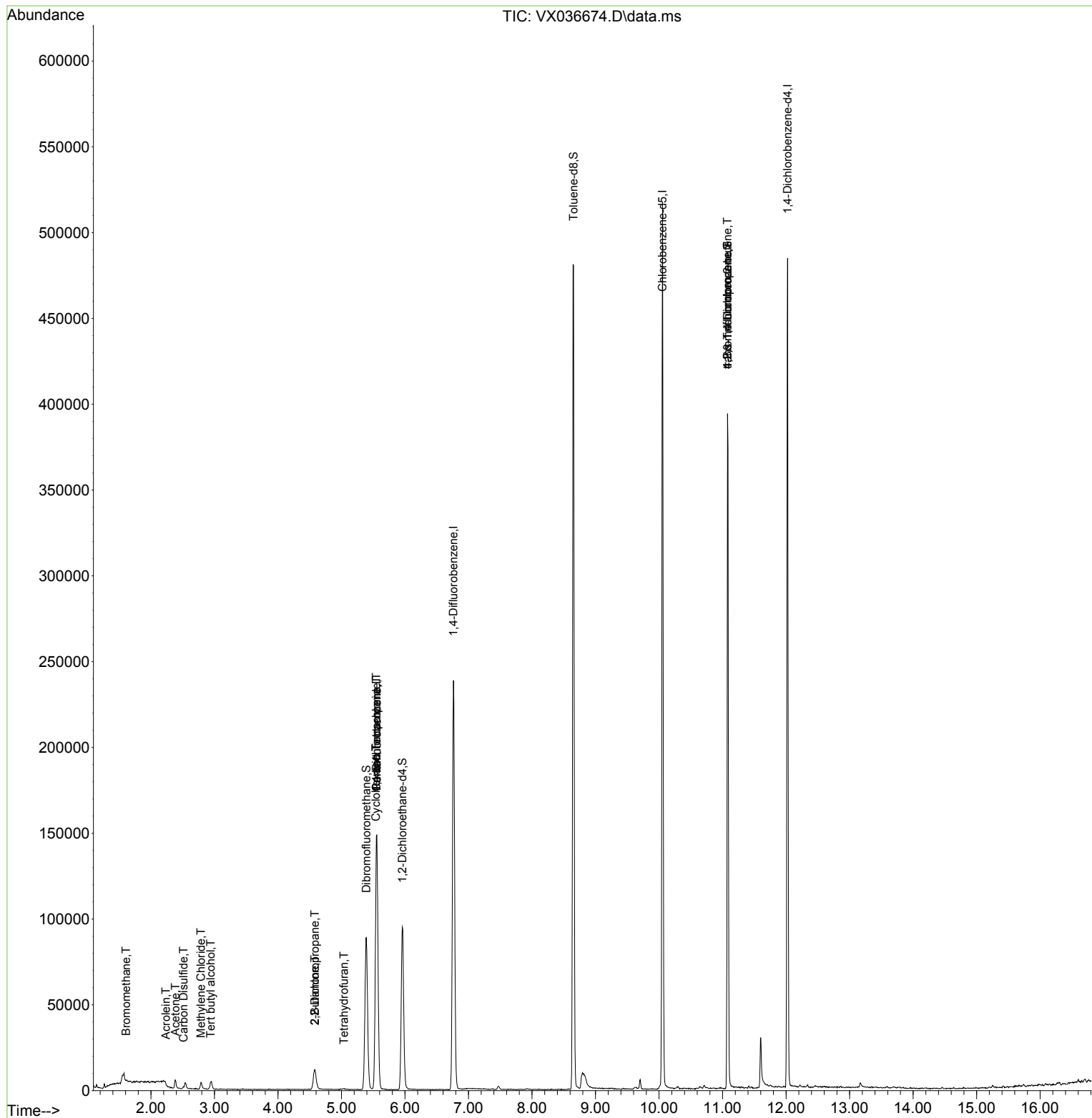
Internal Standards						
1) Pentafluorobenzene	5.556	168	139631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	246014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92552	44.797	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.600%
35) Dibromofluoromethane	5.391	113	77859	46.044	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.080%
50) Toluene-d8	8.653	98	294174	49.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	108410	47.918	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	207	0.203	ug/l #	21
11) Tert butyl alcohol	2.940	59	2707	5.534	ug/l #	83
13) Acrolein	2.233	56	183	0.656	ug/l #	14
16) Acetone	2.385	43	5562	6.488	ug/l	98
17) Carbon Disulfide	2.513	76	1196	0.277	ug/l	99
20) Methylene Chloride	2.788	84	1984	1.041	ug/l #	92
25) 2-Butanone	4.580	43	3378	2.429	ug/l	96
26) 2,2-Dichloropropane	4.580	77	937	0.303	ug/l #	54
29) Tetrahydrofuran	5.037	42	226	0.252	ug/l #	34
31) Cyclohexane	5.543	56	3228	1.128	ug/l #	14
36) 1,1-Dichloropropene	5.550	75	11201	4.444	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14309	5.340	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	55810	24.214	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55810	54.882	ug/l #	5

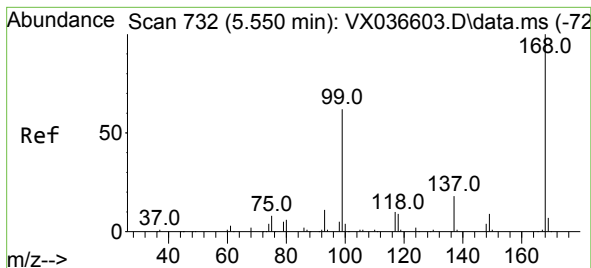
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
Data File : VX036674.D
Acq On : 27 Jul 2023 14:16
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 28 06:12:01 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: VX036674.D

Acq: 27 Jul 2023 14:16

Instrument :

MSVOA_X

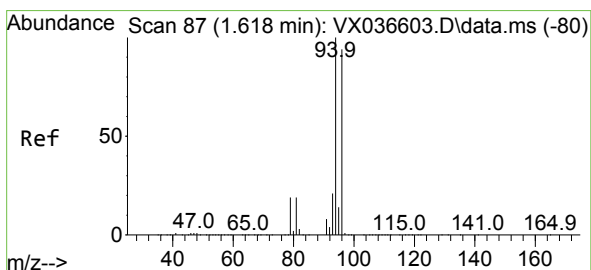
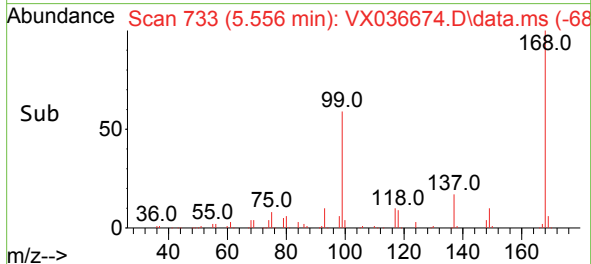
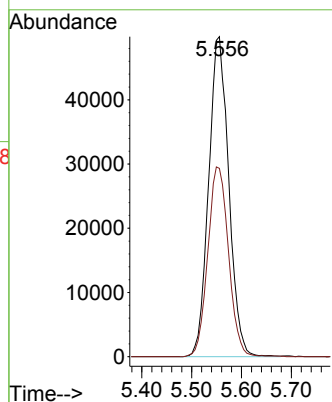
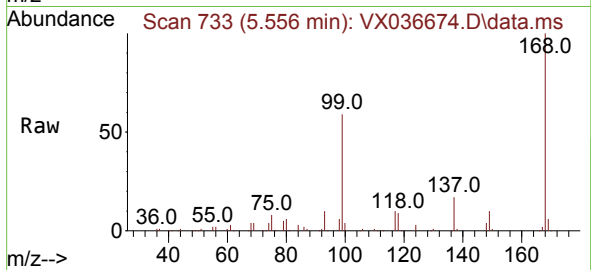
ClientSampleId :

Tgt Ion:168 Resp: 139631

Ion Ratio Lower Upper

168 100

99 58.8 56.6 85.0



#5

Bromomethane

Concen: 0.203 ug/l

RT: 1.605 min Scan# 85

Delta R.T. -0.012 min

Lab File: VX036674.D

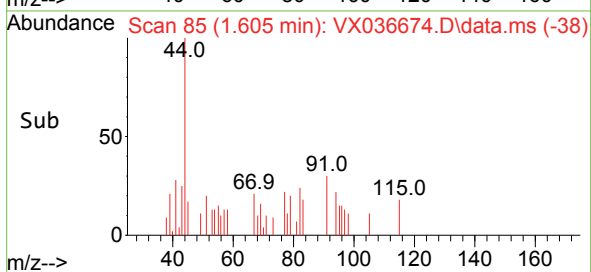
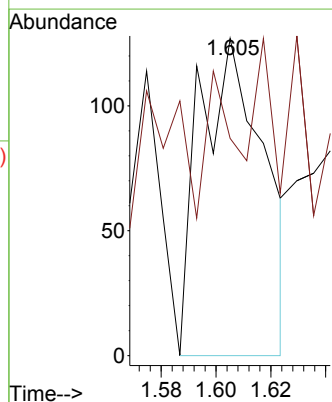
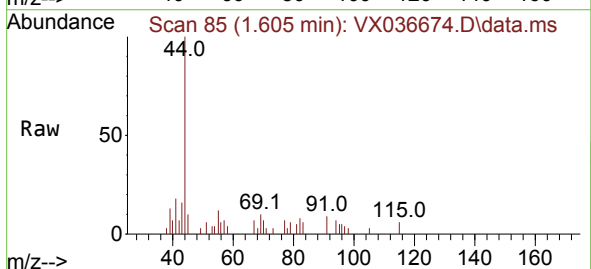
Acq: 27 Jul 2023 14:16

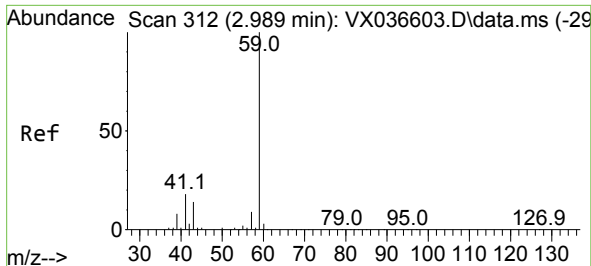
Tgt Ion: 94 Resp: 207

Ion Ratio Lower Upper

94 100

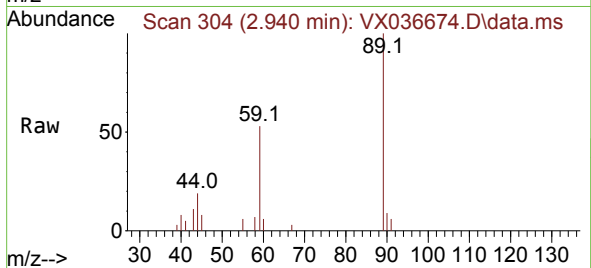
96 17.3 74.6 111.8#



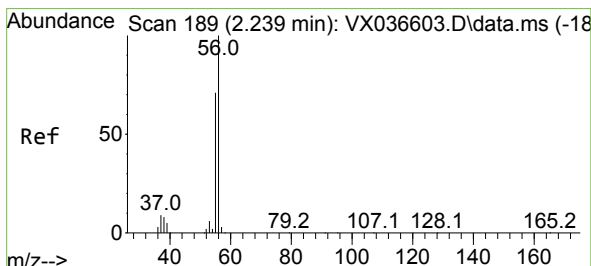
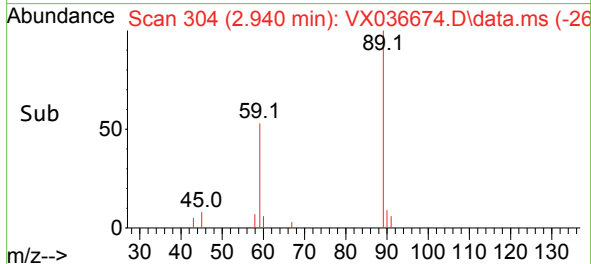
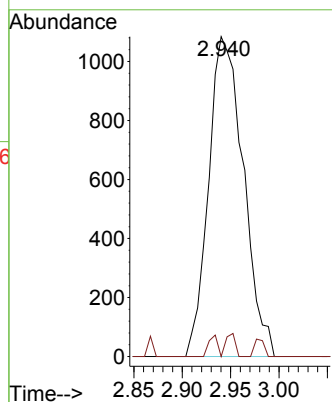


#11
Tert butyl alcohol
Concen: 5.534 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

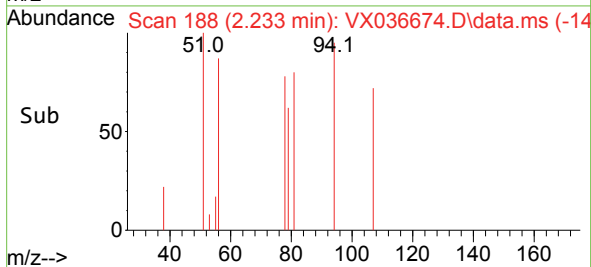
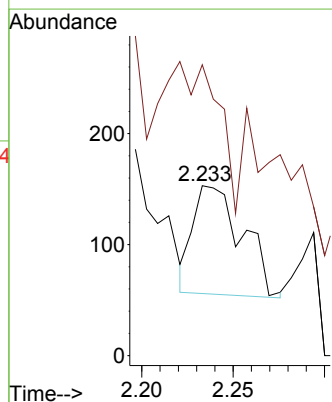
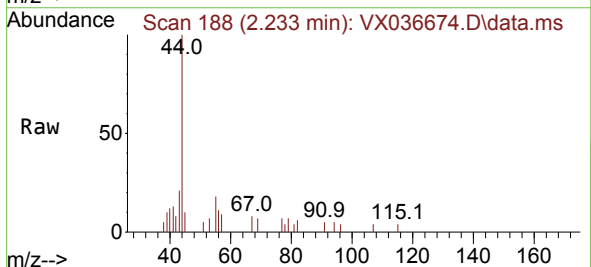


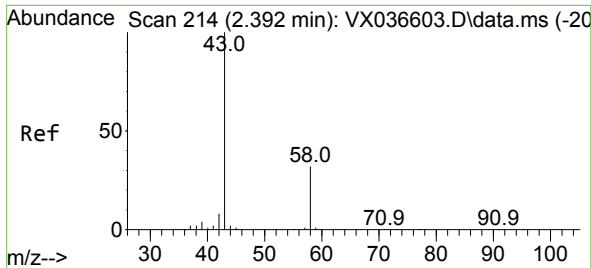
Tgt Ion: 59 Resp: 2707
Ion Ratio Lower Upper
59 100
57 1.7 6.0 9.0#



#13
Acrolein
Concen: 0.656 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Tgt Ion: 56 Resp: 183
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

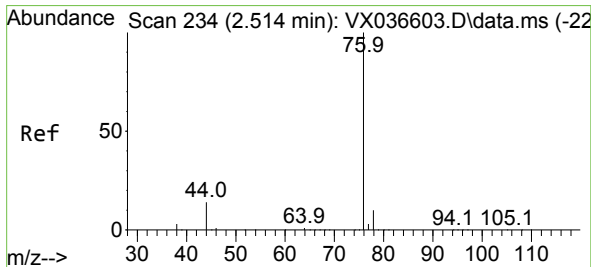
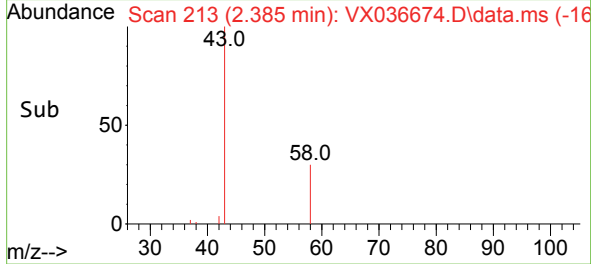
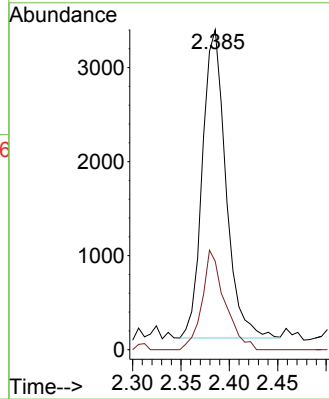
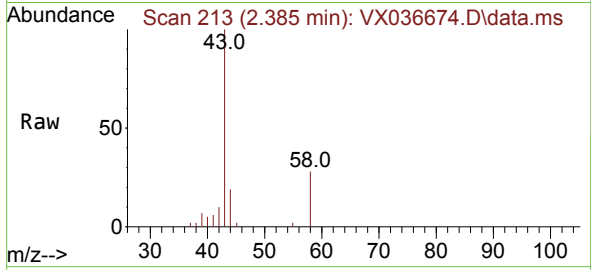




#16
Acetone
Concen: 6.488 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

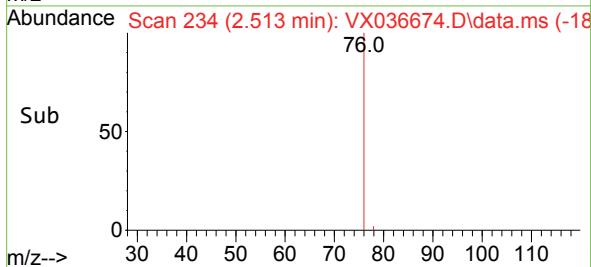
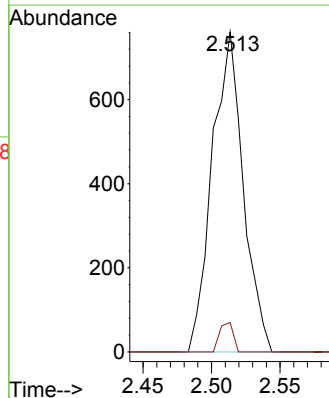
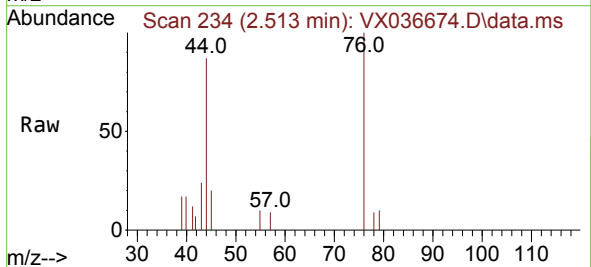
Instrument :
MSVOA_X
ClientSampleId :

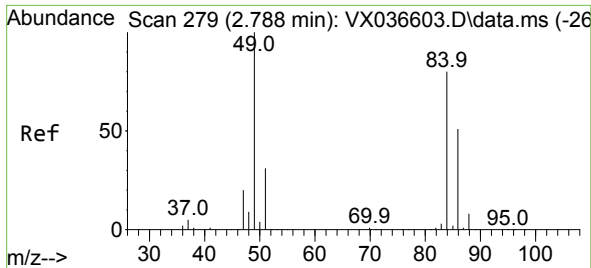
Tgt Ion: 43 Resp: 5562
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.277 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

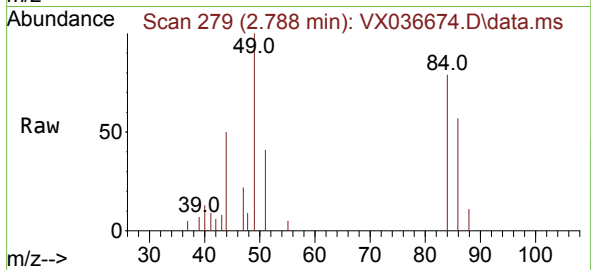
Tgt Ion: 76 Resp: 1196
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



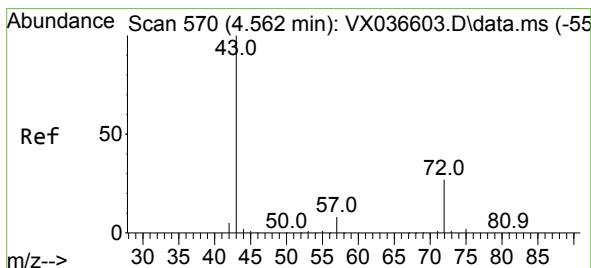
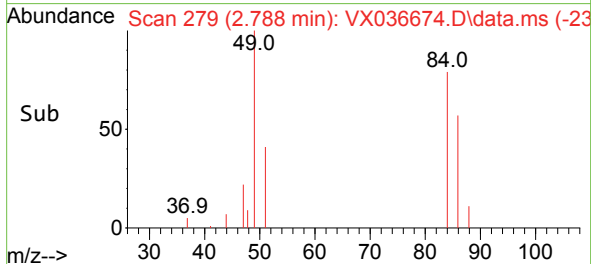
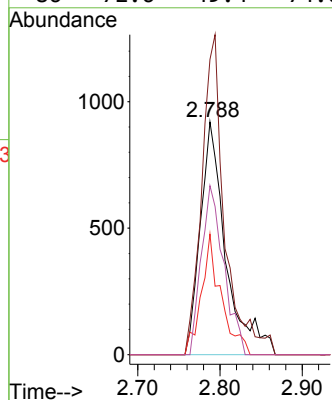


#20
Methylene Chloride
Concen: 1.041 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

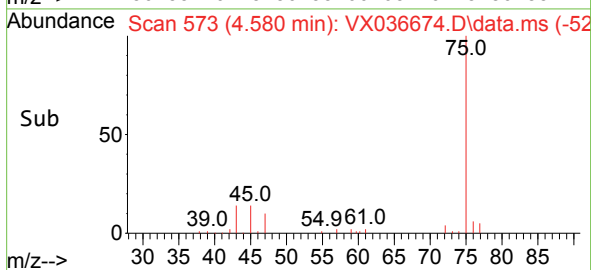
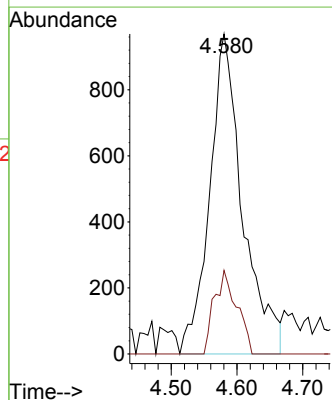
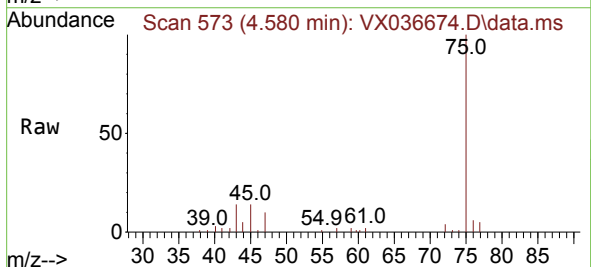


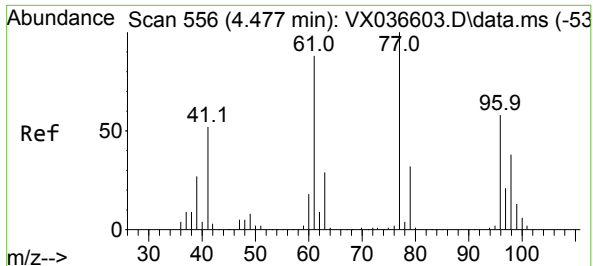
Tgt Ion:	84	Resp:	1984
Ion	Ratio	Lower	Upper
84	100		
49	126.8	103.6	155.4
51	51.8	33.8	50.6#
86	72.6	49.4	74.0



#25
2-Butanone
Concen: 2.429 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Tgt Ion:	43	Resp:	3378
Ion	Ratio	Lower	Upper
43	100		
72	26.1	19.4	29.2





#26

2,2-Dichloropropane

Concen: 0.303 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.103 min

Lab File: VX036674.D

Acq: 27 Jul 2023 14:16

Instrument :

MSVOA_X

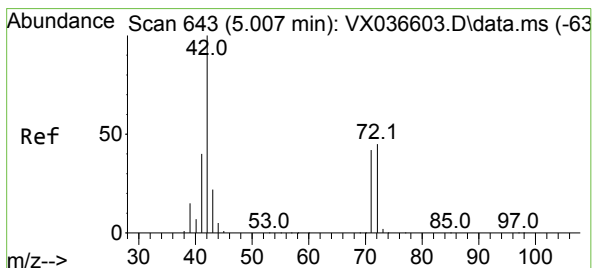
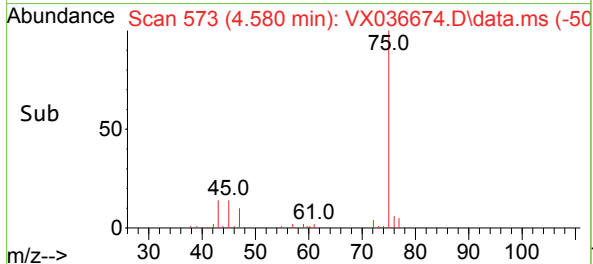
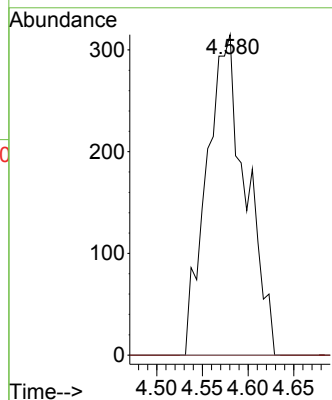
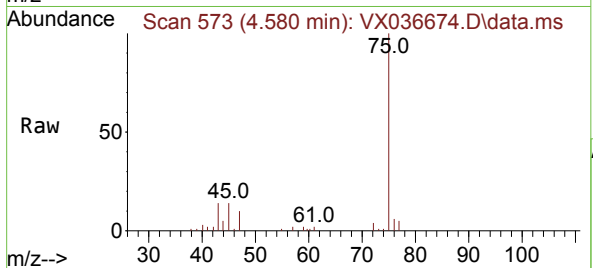
ClientSampleId :

Tgt Ion: 77 Resp: 937

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#



#29

Tetrahydrofuran

Concen: 0.252 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.030 min

Lab File: VX036674.D

Acq: 27 Jul 2023 14:16

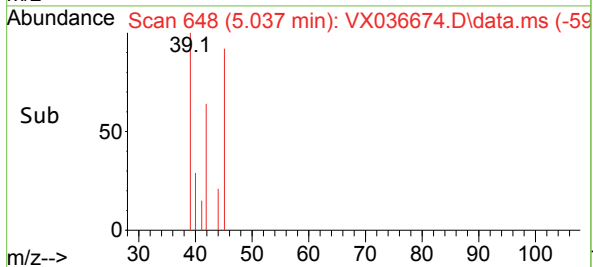
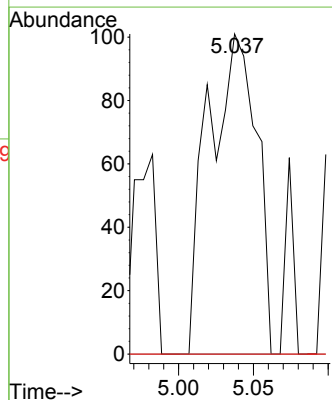
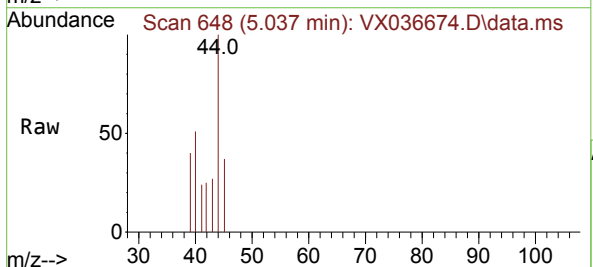
Tgt Ion: 42 Resp: 226

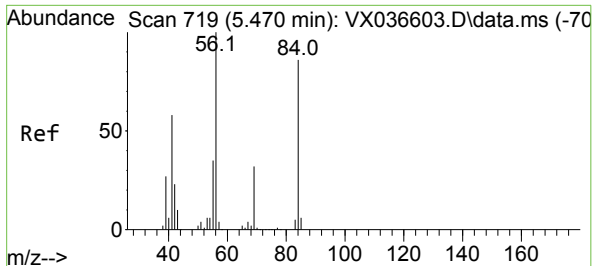
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

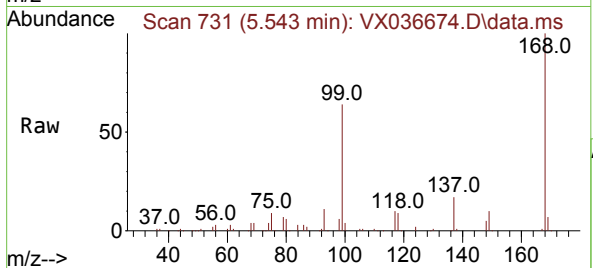
71 0.0 32.2 48.2#



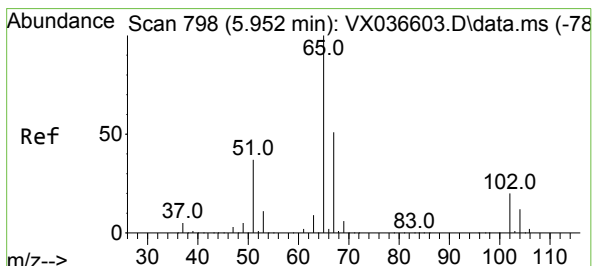
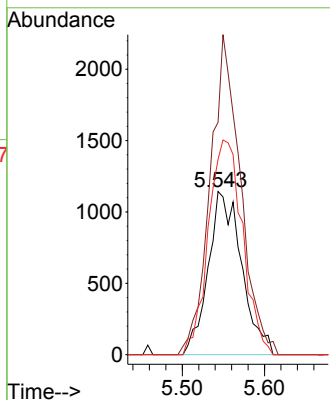
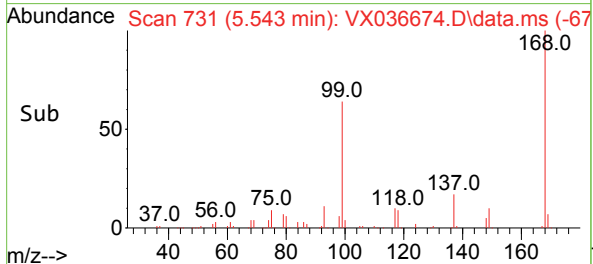


#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

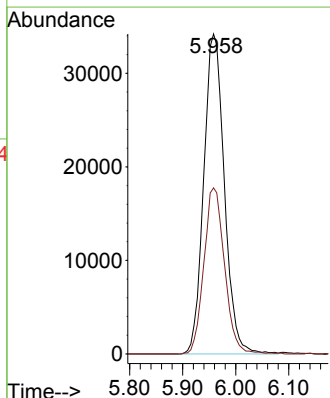
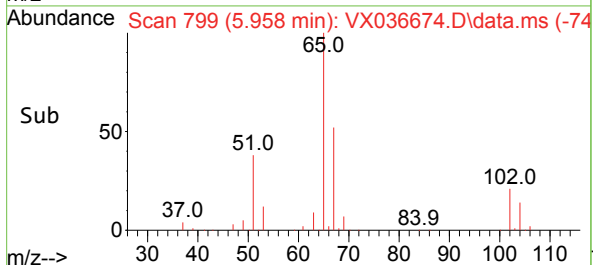
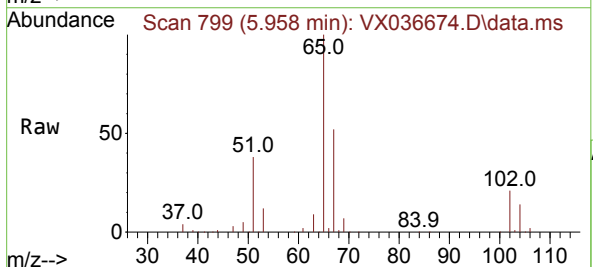


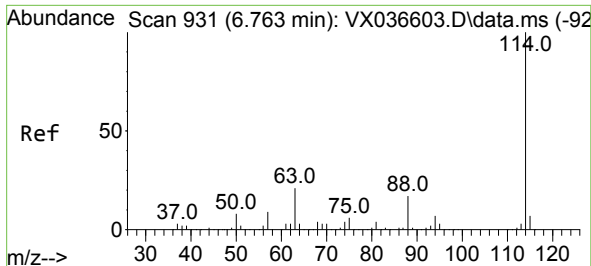
Tgt Ion: 56 Resp: 3228
Ion Ratio Lower Upper
56 100
69 142.3 23.4 35.2#
84 119.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.797 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

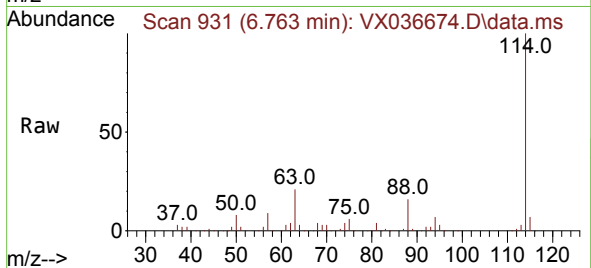
Tgt Ion: 65 Resp: 92552
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



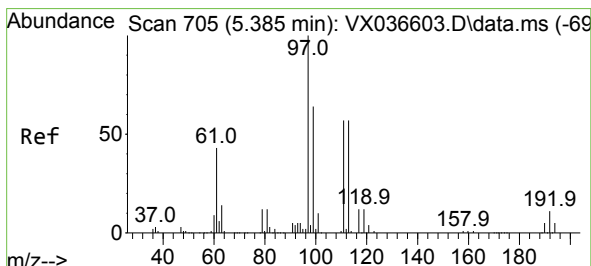
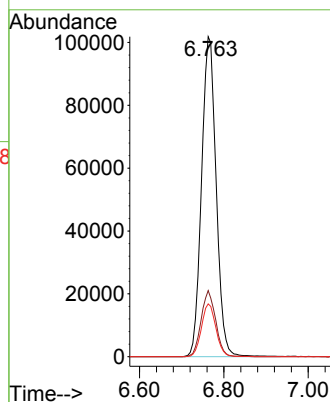
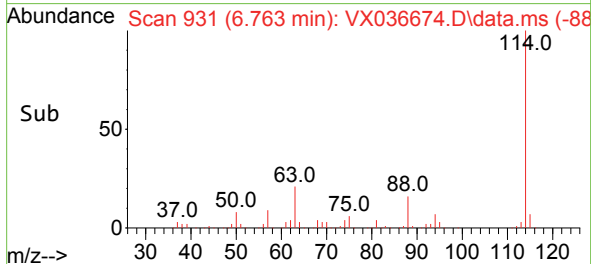


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

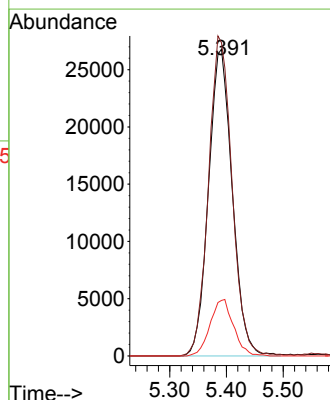
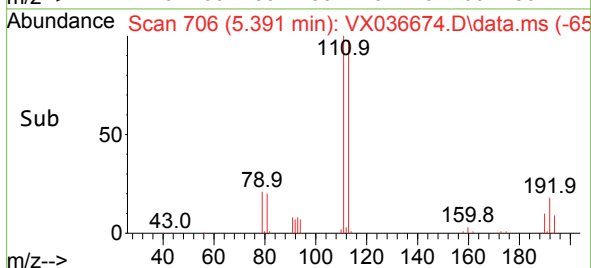
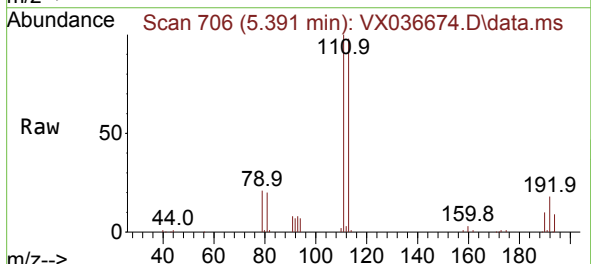


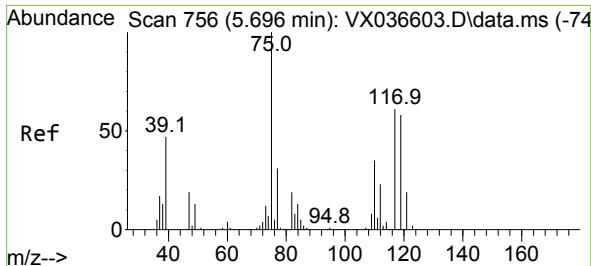
Tgt Ion:114 Resp: 246014
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.044 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

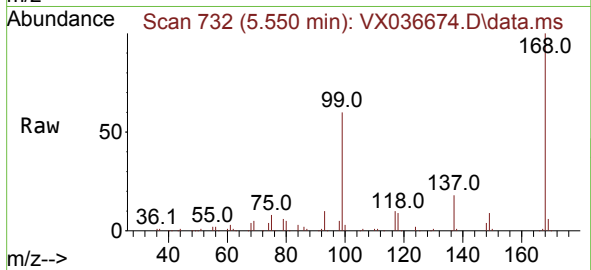
Tgt Ion:113 Resp: 77859
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.2 13.3 19.9



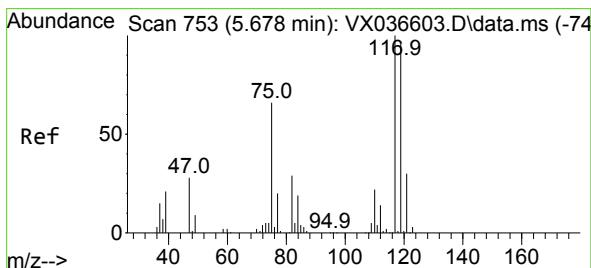
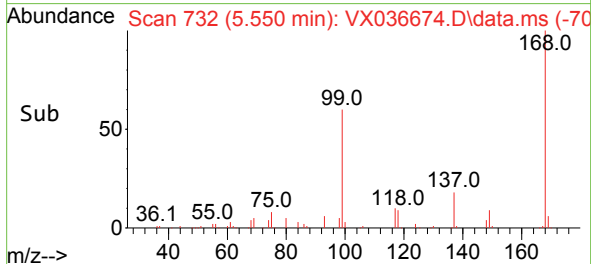
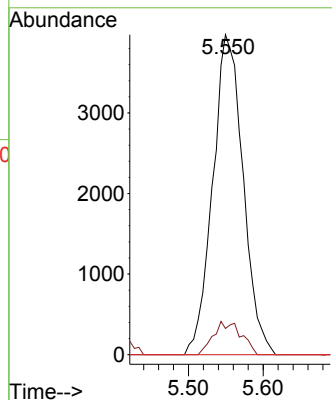


#36
1,1-Dichloropropene
Concen: 4.444 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.147 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_X
ClientSampleId :

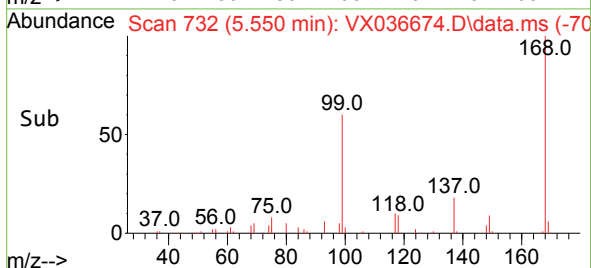
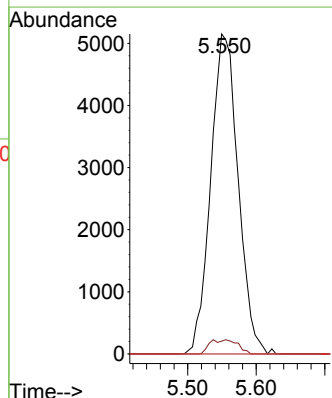
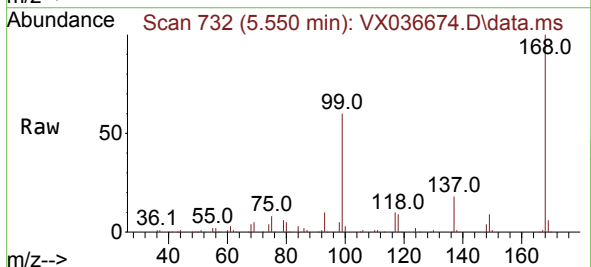


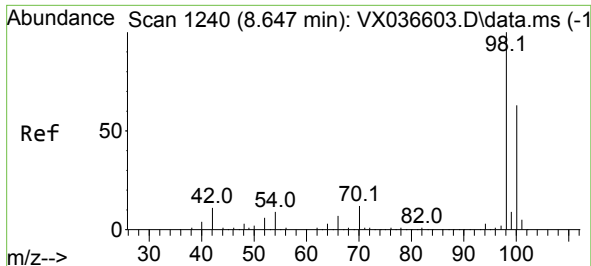
Tgt Ion: 75 Resp: 11201
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.340 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Tgt Ion: 117 Resp: 14309
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#

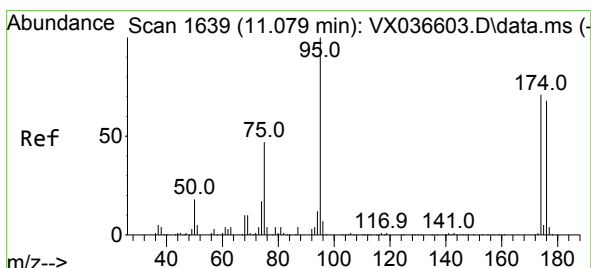
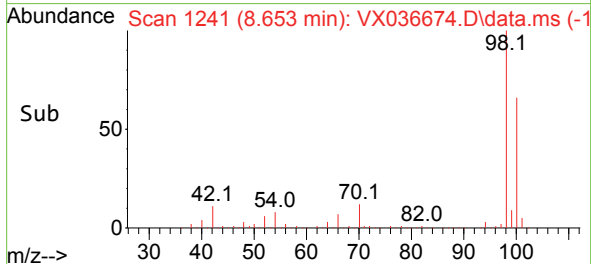
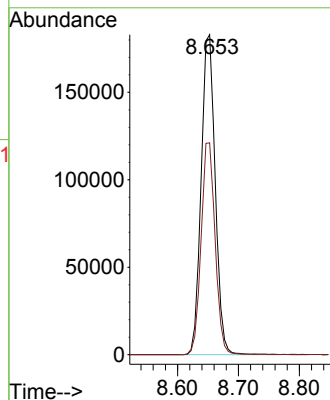
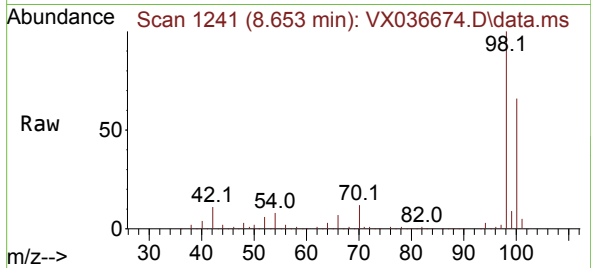




#50
Toluene-d8
Concen: 49.057 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

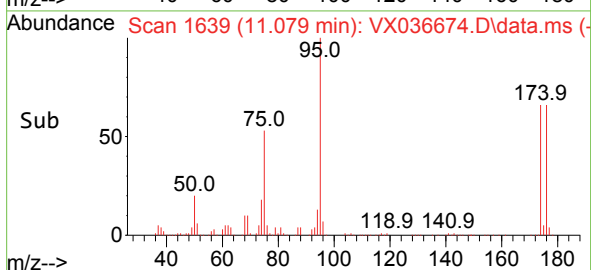
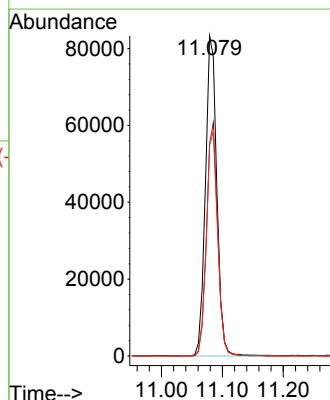
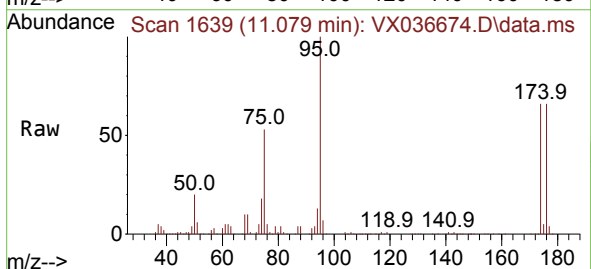
Instrument :
MSVOA_X
ClientSampleId :

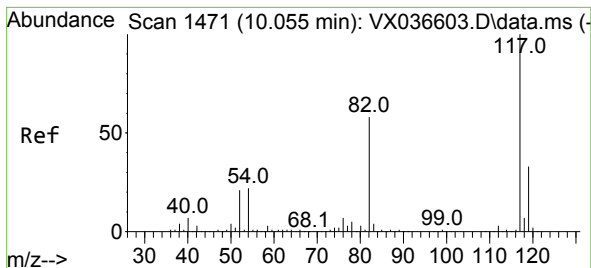
Tgt Ion: 98 Resp: 294174
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.918 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Tgt Ion: 95 Resp: 108410
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 69.2 0.0 131.0

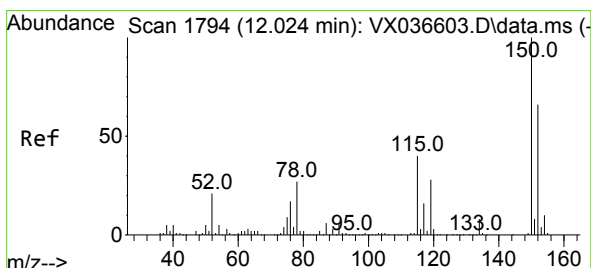
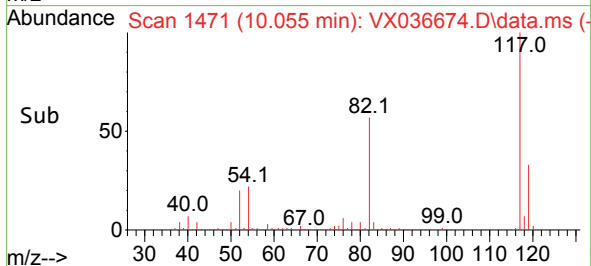
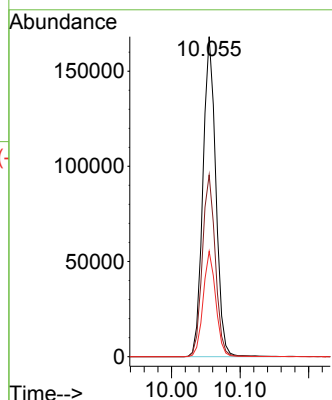
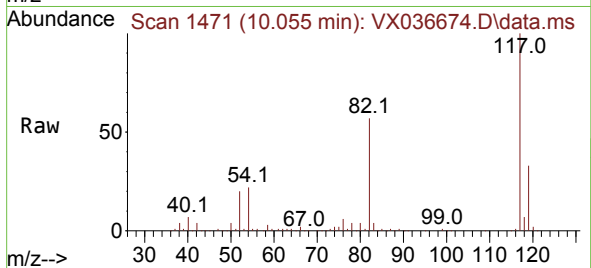




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

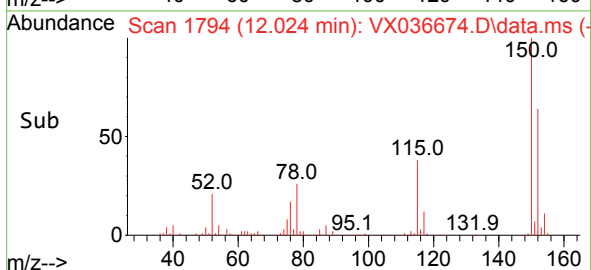
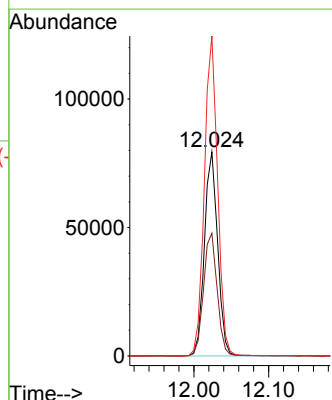
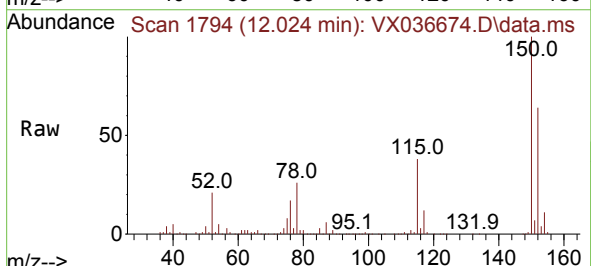
Instrument :
MSVOA_X
ClientSampleId :

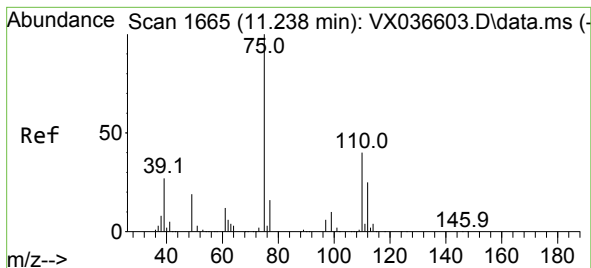
Tgt Ion:117 Resp: 220870
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036674.D
Acq: 27 Jul 2023 14:16

Tgt Ion:152 Resp: 97993
Ion Ratio Lower Upper
152 100
115 62.1 43.3 129.9
150 156.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.214 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036674.D

Acq: 27 Jul 2023 14:16

Instrument :

MSVOA_X

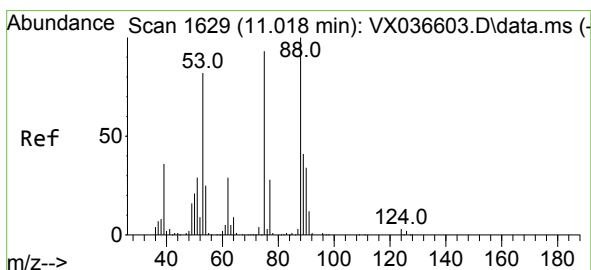
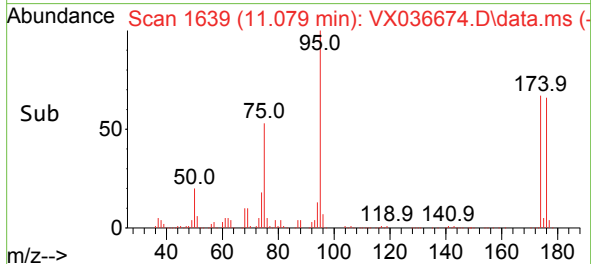
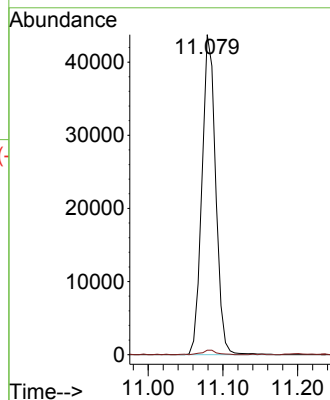
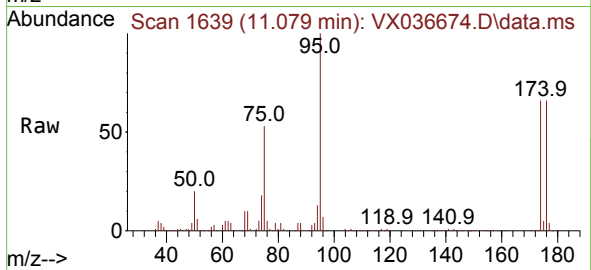
ClientSampleId :

Tgt Ion: 75 Resp: 55810

Ion Ratio Lower Upper

75 100

77 1.6 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.882 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036674.D

Acq: 27 Jul 2023 14:16

Tgt Ion: 75 Resp: 55810

Ion Ratio Lower Upper

75 100

53 0.2 90.5 135.7#

89 0.0 36.9 55.3#

