

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036675.D
 Acq On : 27 Jul 2023 14:40
 Operator : JC/MD
 Sample : 03782-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 06:12:23 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)

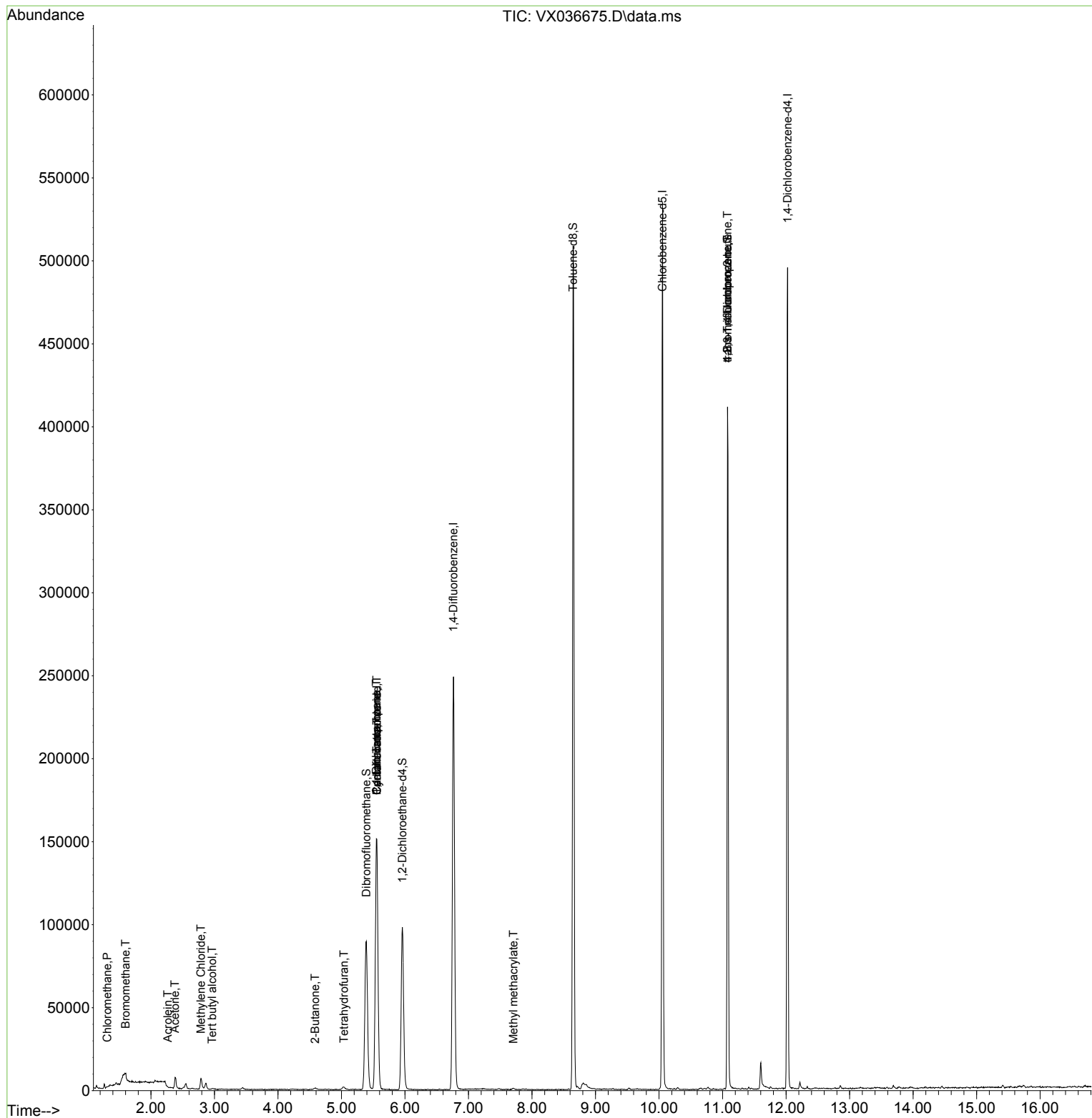
Internal Standards						
1) Pentafluorobenzene	5.556	168	144296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94411	44.219	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.440%
35) Dibromofluoromethane	5.391	113	79971	45.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.380%
50) Toluene-d8	8.647	98	304338	49.036	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	110924	47.371	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	439	0.253	ug/l #	43
5) Bromomethane	1.599	94	251	0.238	ug/l #	71
11) Tert butyl alcohol	2.965	59	484	0.958	ug/l #	4
13) Acrolein	2.264	56	153	0.530	ug/l #	14
16) Acetone	2.380	43	6983	7.882	ug/l #	86
20) Methylene Chloride	2.788	84	3300	1.675	ug/l	96
25) 2-Butanone	4.587	43	1545	1.075	ug/l	98
29) Tetrahydrofuran	5.038	42	1740	1.878	ug/l #	88
31) Cyclohexane	5.556	56	3329	1.126	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11776	4.514	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15034	5.421	ug/l #	14
48) Methyl methacrylate	7.708	41	772	0.327	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	57872	24.565	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57872	55.679	ug/l #	5

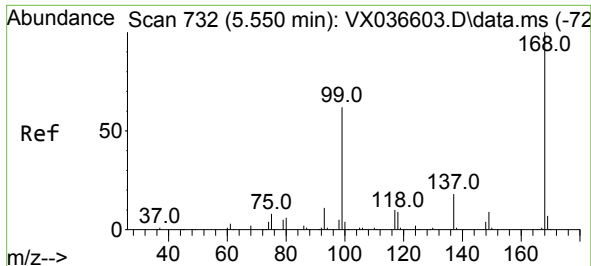
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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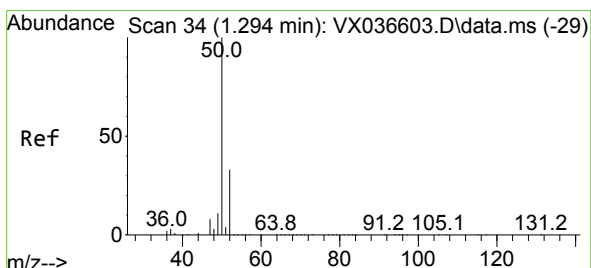
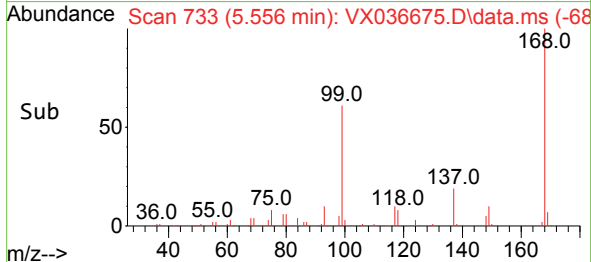
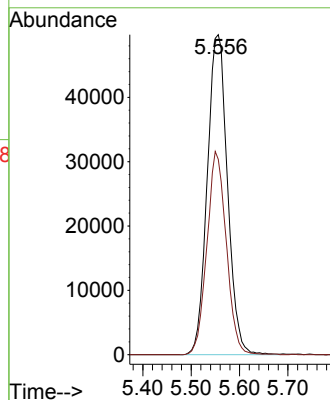
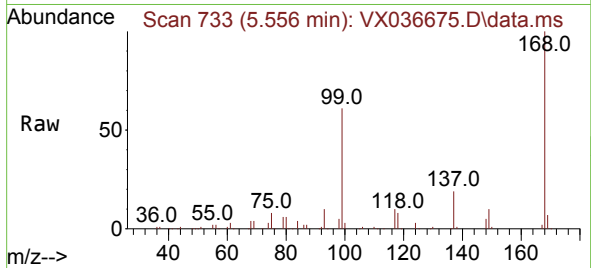




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

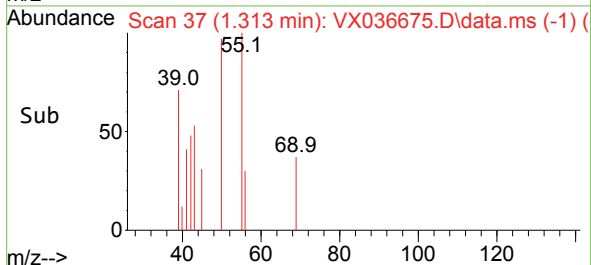
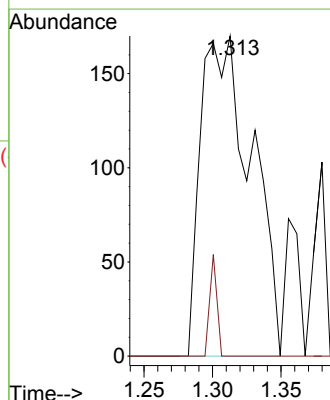
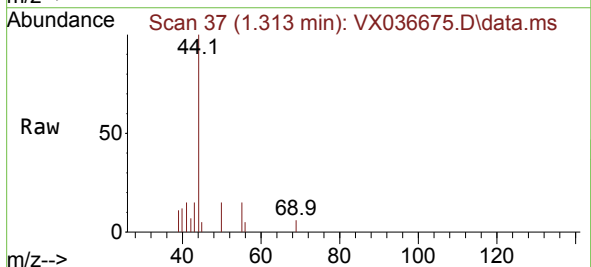
Instrument :
MSVOA_X
ClientSampleId :

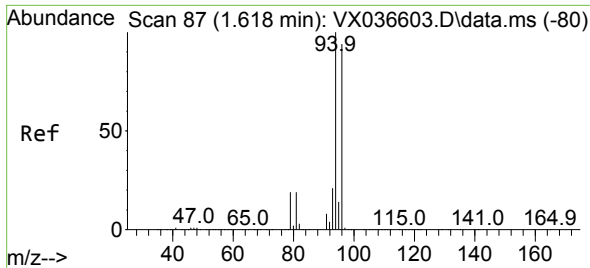
Tgt Ion:168 Resp: 144296
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.018 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

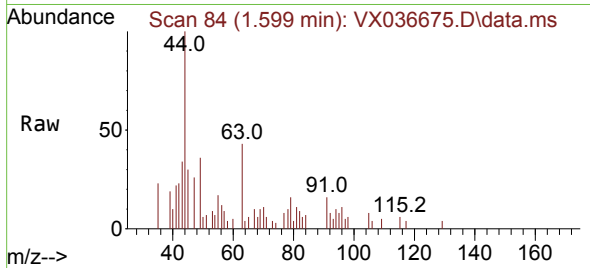
Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



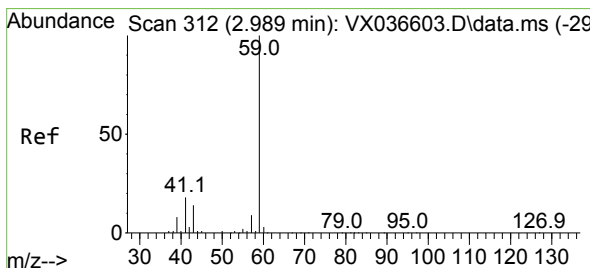
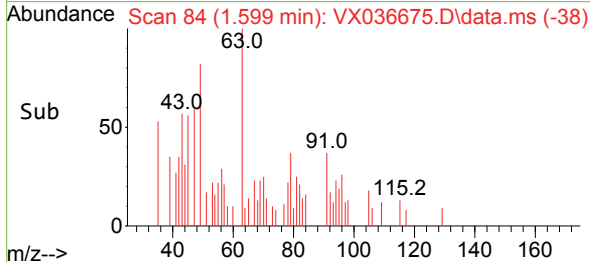
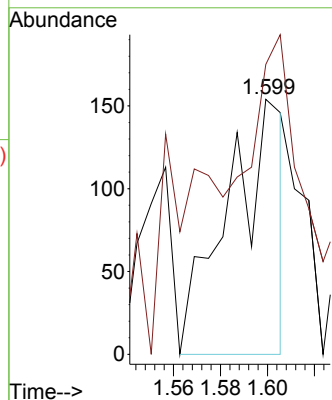


#5
Bromomethane
Concen: 0.238 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

Instrument :
MSVOA_X
ClientSampleId :

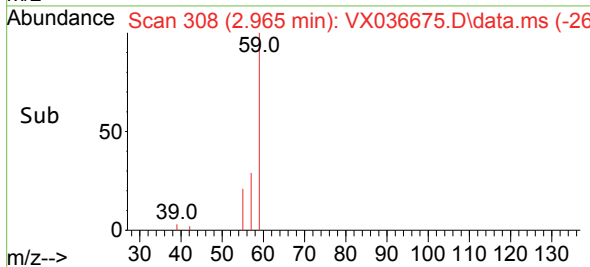
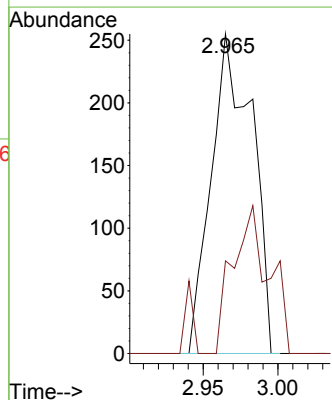
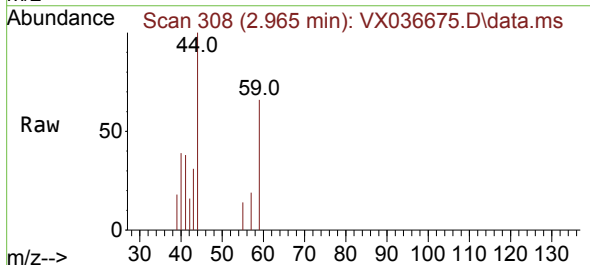


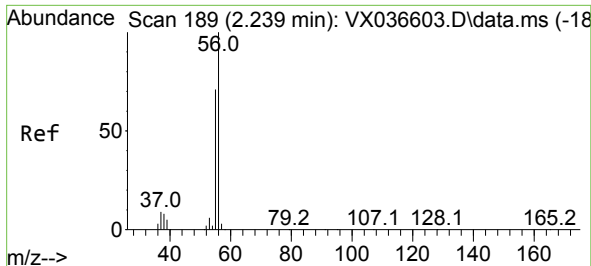
Tgt Ion: 94 Resp: 251
Ion Ratio Lower Upper
94 100
96 65.6 74.6 111.8#



#11
Tert butyl alcohol
Concen: 0.958 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

Tgt Ion: 59 Resp: 484
Ion Ratio Lower Upper
59 100
57 40.9 6.0 9.0#

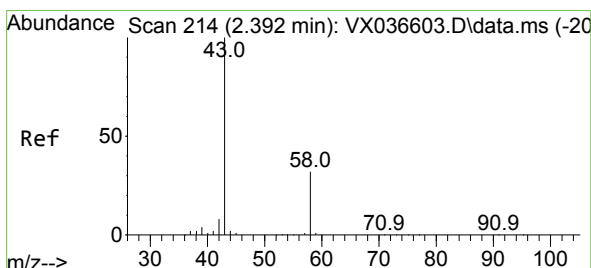
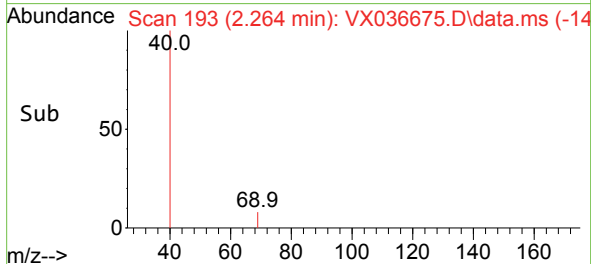
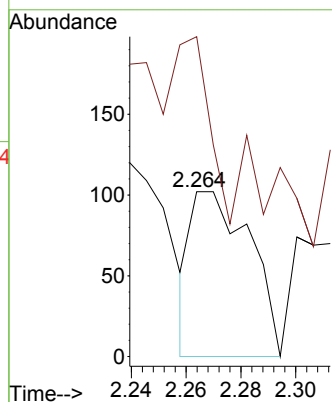
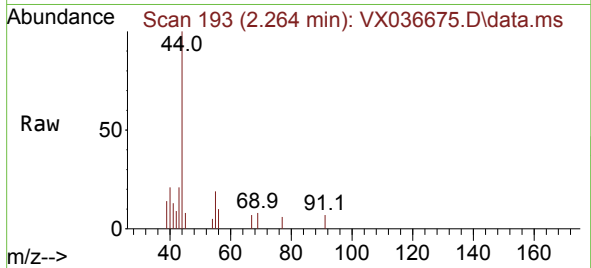




#13
Acrolein
Concen: 0.530 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.024 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

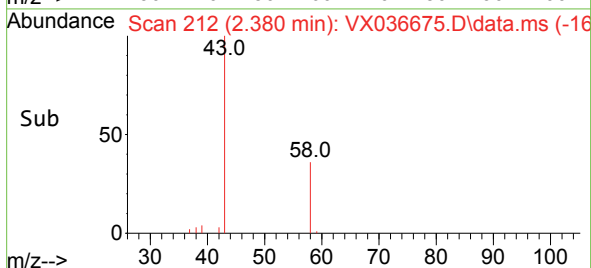
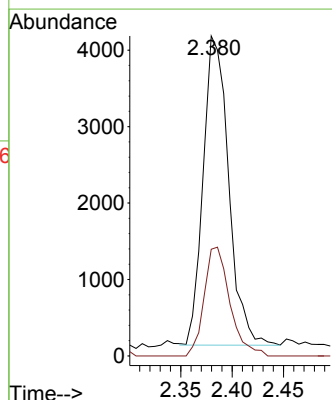
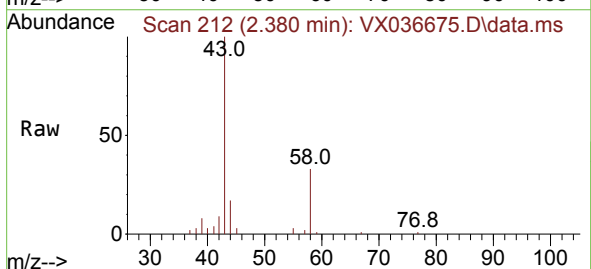
Instrument :
MSVOA_X
ClientSampleId :

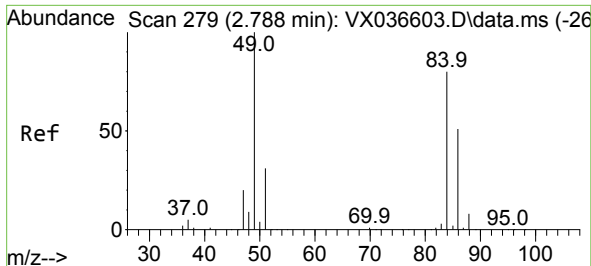
Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 7.882 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

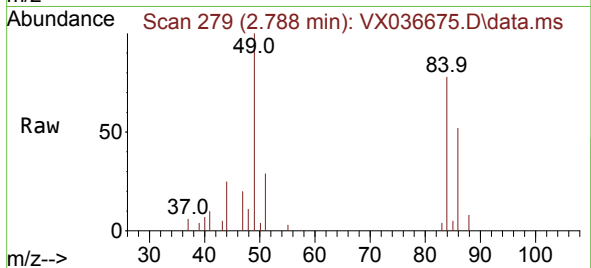
Tgt Ion: 43 Resp: 6983
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9#



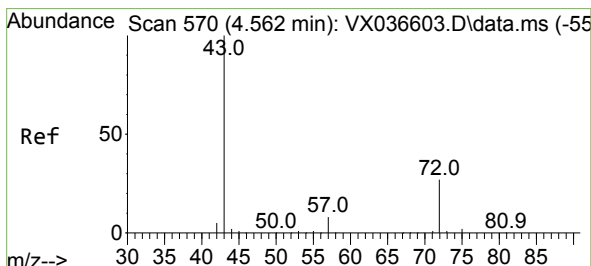
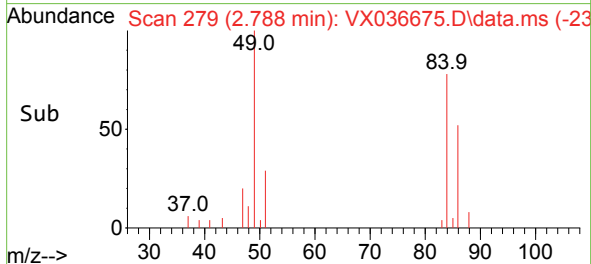
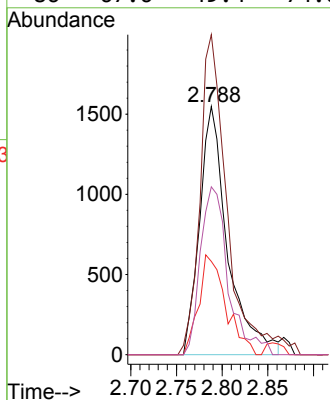


#20
Methylene Chloride
Concen: 1.675 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

Instrument :
MSVOA_X
ClientSampleId :

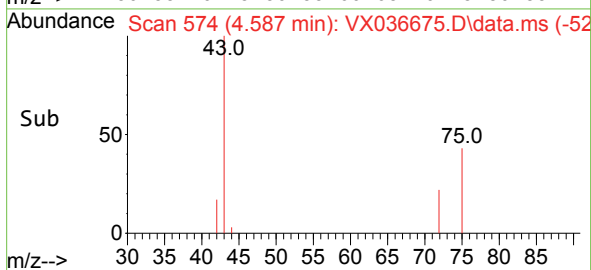
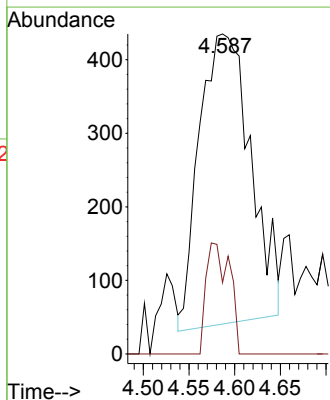
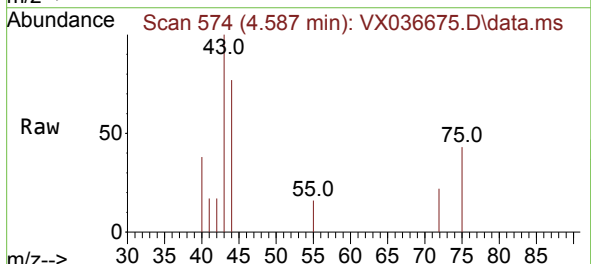


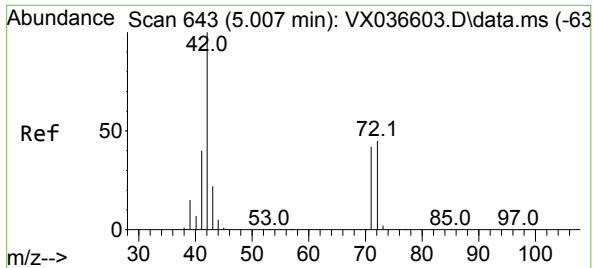
Tgt Ion:	84	Resp:	3300
Ion	Ratio	Lower	Upper
84	100		
49	128.9	103.6	155.4
51	37.6	33.8	50.6
86	67.6	49.4	74.0



#25
2-Butanone
Concen: 1.075 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

Tgt Ion:	43	Resp:	1545
Ion	Ratio	Lower	Upper
43	100		
72	25.4	19.4	29.2





#29

Tetrahydrofuran

Concen: 1.878 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

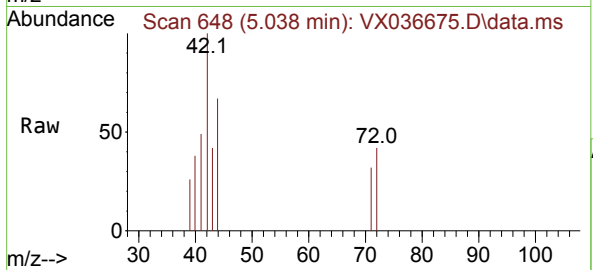
Lab File: VX036675.D

Acq: 27 Jul 2023 14:40

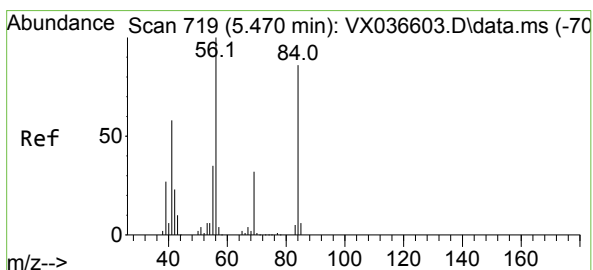
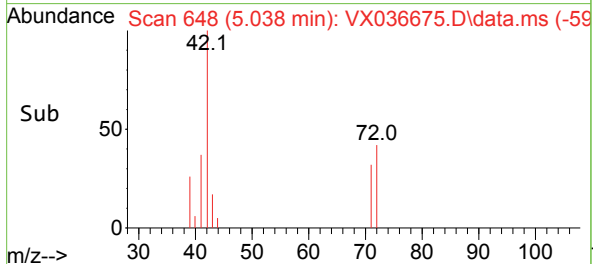
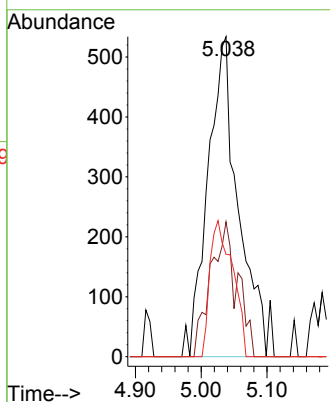
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	1740
Ion	Ratio	Lower	Upper
42	100		
72	36.6	34.2	51.4
71	31.5	32.2	48.2#



#31

Cyclohexane

Concen: 1.126 ug/l

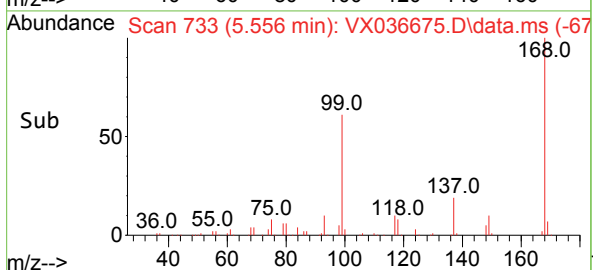
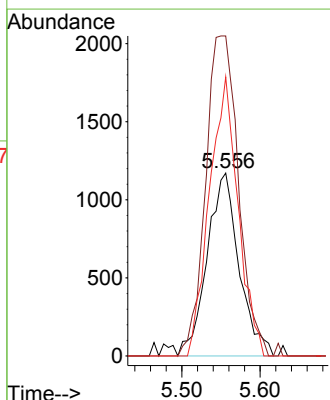
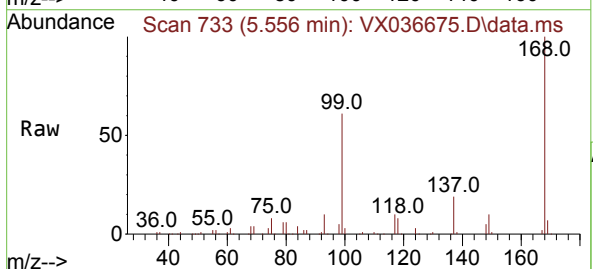
RT: 5.556 min Scan# 733

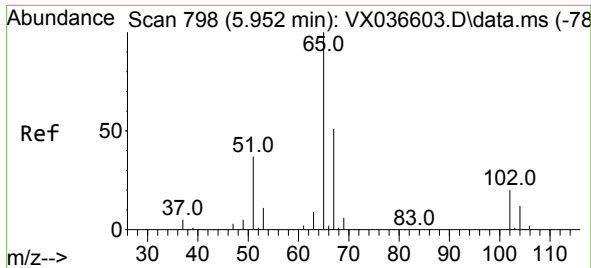
Delta R.T. 0.085 min

Lab File: VX036675.D

Acq: 27 Jul 2023 14:40

Tgt Ion:	56	Resp:	3329
Ion	Ratio	Lower	Upper
56	100		
69	175.0	23.4	35.2#
84	152.6	65.9	98.9#

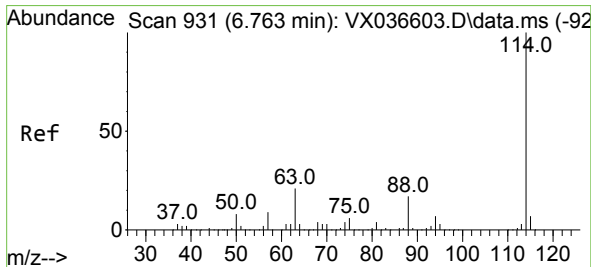
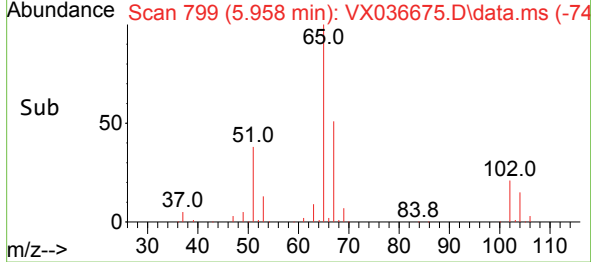
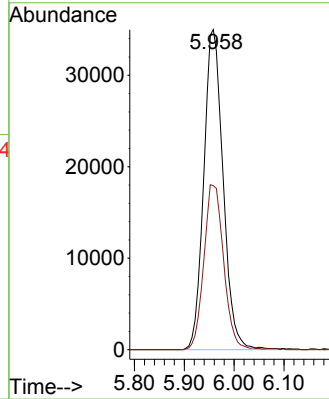
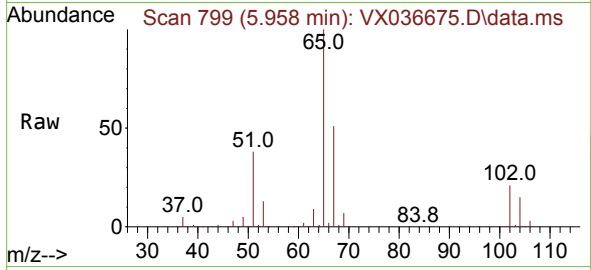




#33
 1,2-Dichloroethane-d4
 Concen: 44.219 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036675.D
 Acq: 27 Jul 2023 14:40

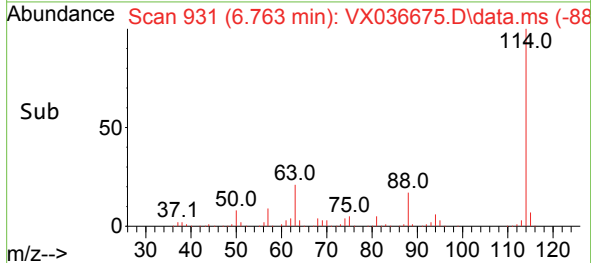
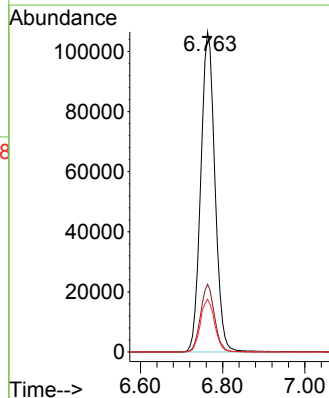
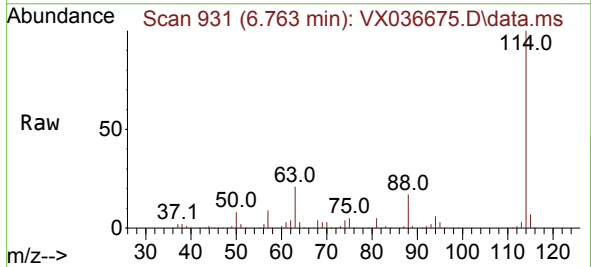
Instrument :
 MSVOA_X
 ClientSampleId :

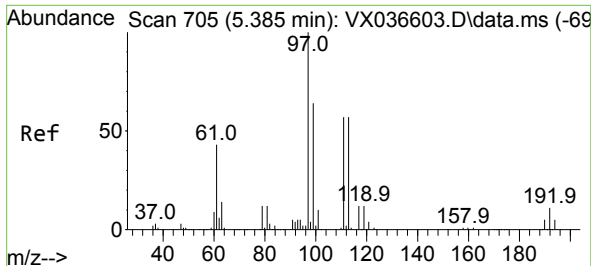
Tgt Ion: 65 Resp: 94411
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036675.D
 Acq: 27 Jul 2023 14:40

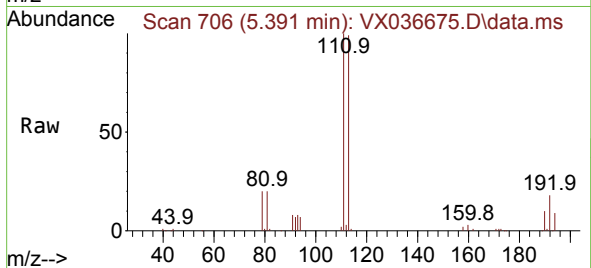
Tgt Ion: 114 Resp: 254626
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.0
 88 16.5 0.0 36.6



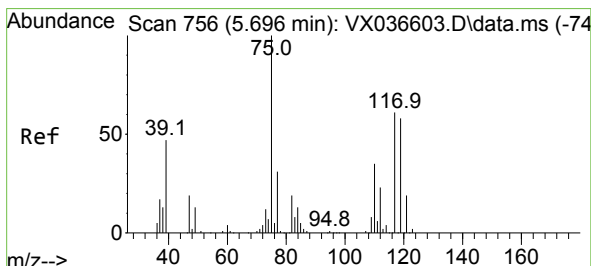
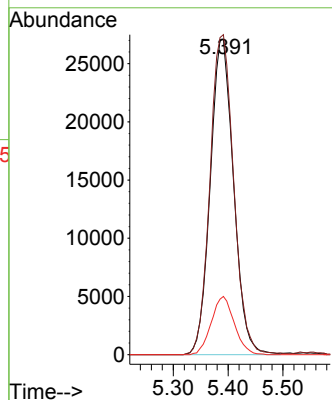
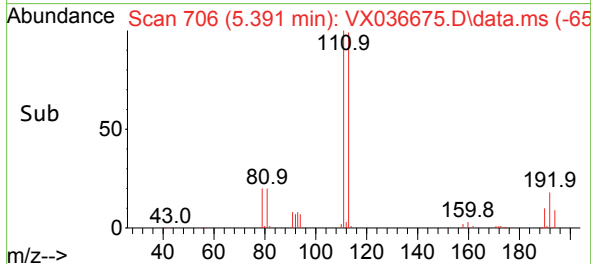


#35
Dibromofluoromethane
Concen: 45.694 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

Instrument :
MSVOA_X
ClientSampleId :

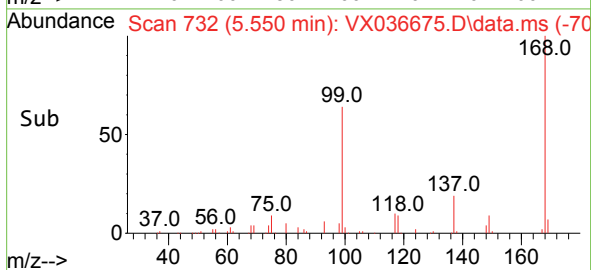
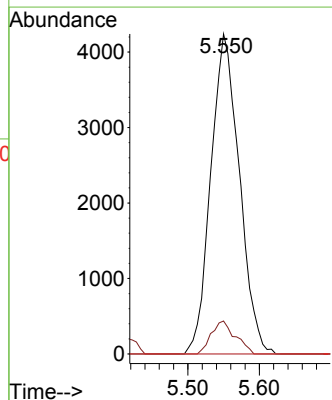
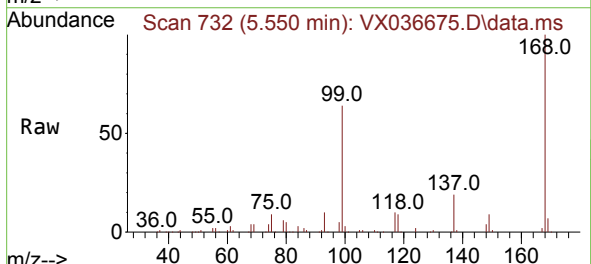


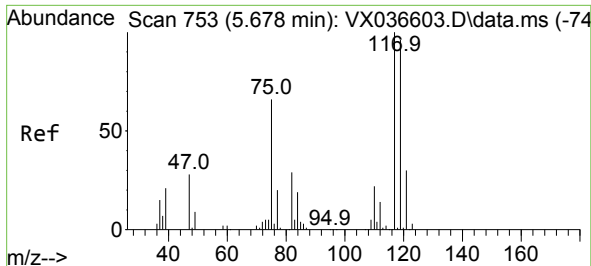
Tgt Ion:113 Resp: 79971
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.514 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

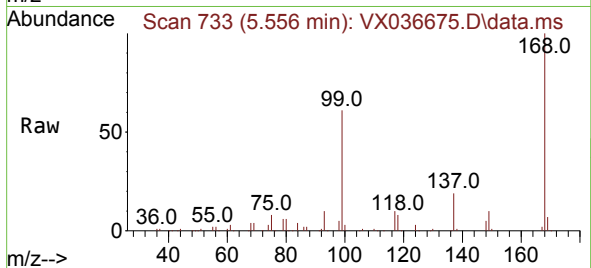
Tgt Ion: 75 Resp: 11776
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



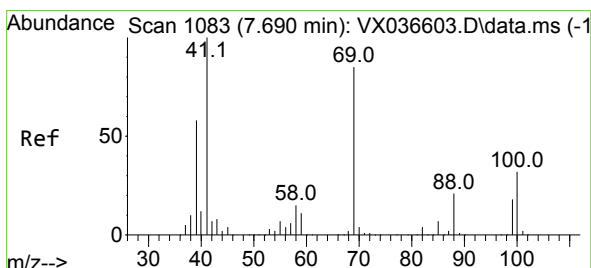
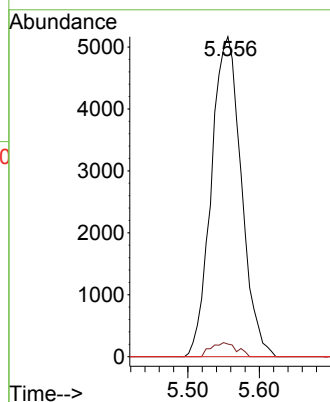
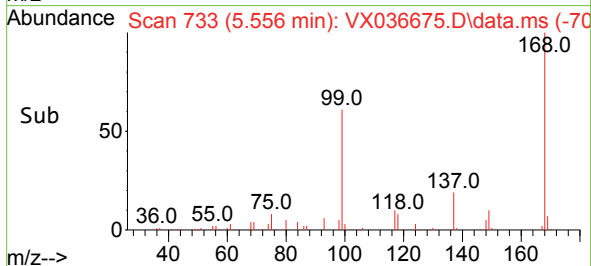


#38
Carbon Tetrachloride
Concen: 5.421 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

Instrument :
MSVOA_X
ClientSampleId :

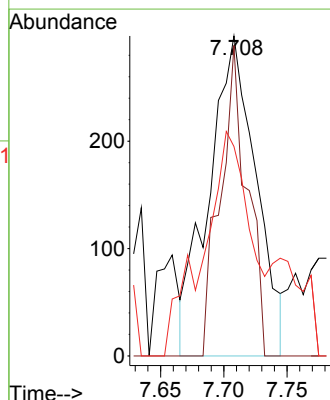
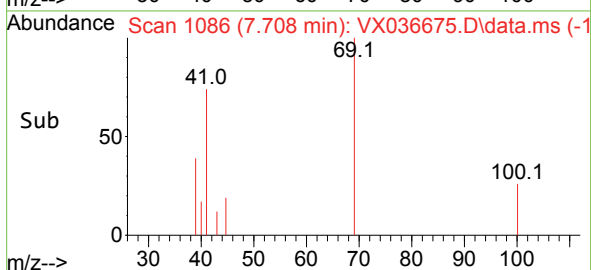
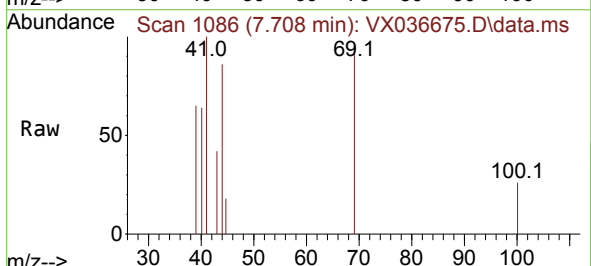


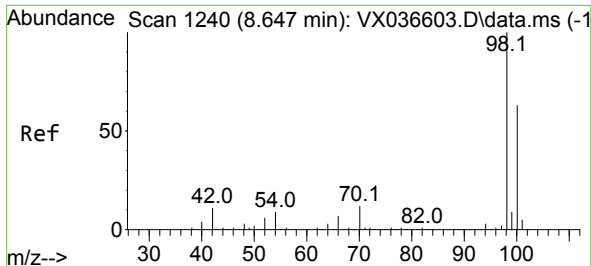
Tgt Ion:117 Resp: 15034
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 0.327 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

Tgt Ion: 41 Resp: 772
Ion Ratio Lower Upper
41 100
69 55.3 59.2 88.8#
39 70.1 47.7 71.5

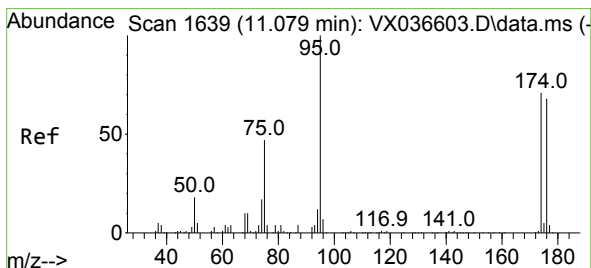
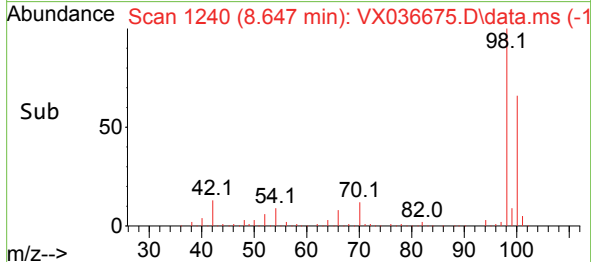
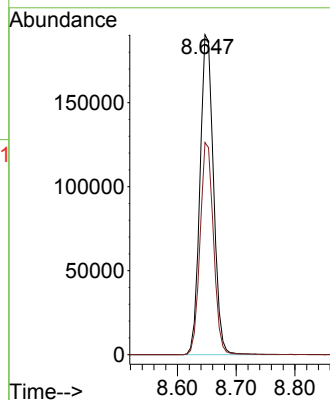
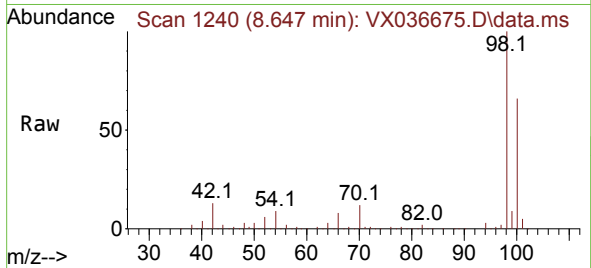




#50
Toluene-d8
Concen: 49.036 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

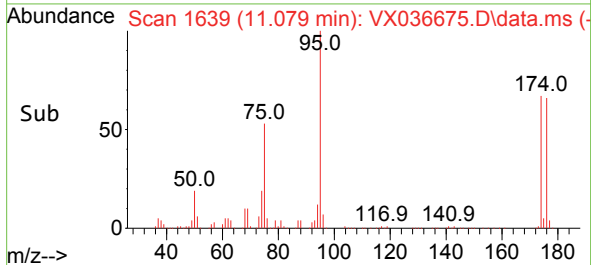
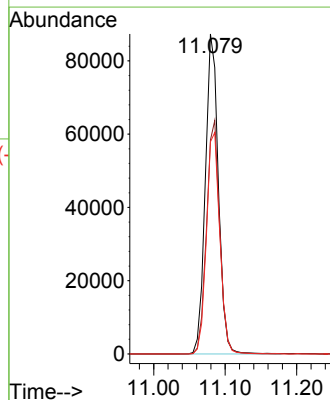
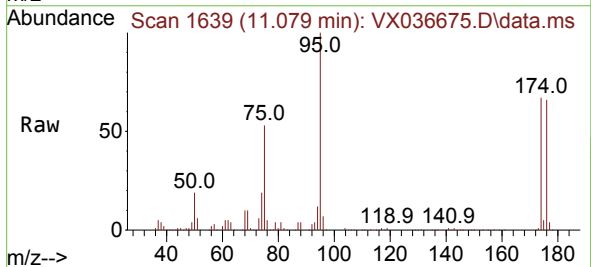
Instrument :
MSVOA_X
ClientSampleId :

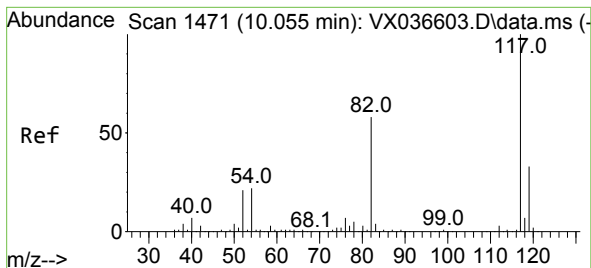
Tgt Ion: 98 Resp: 304338
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.371 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

Tgt Ion: 95 Resp: 110924
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 70.8 0.0 131.0

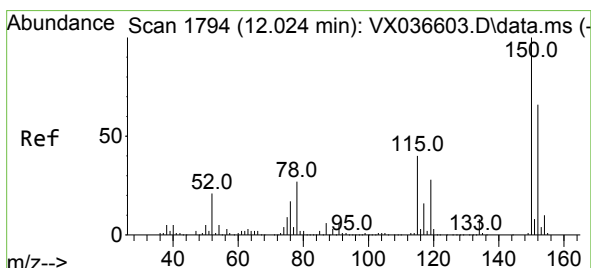
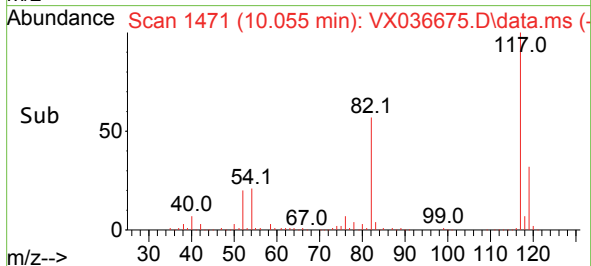
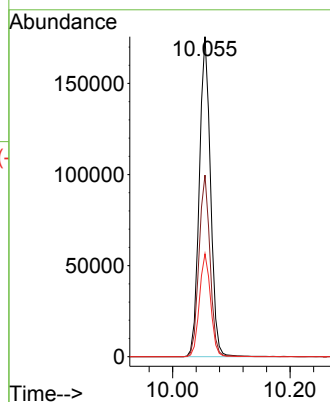
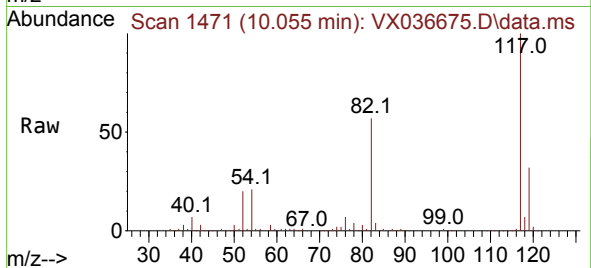




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

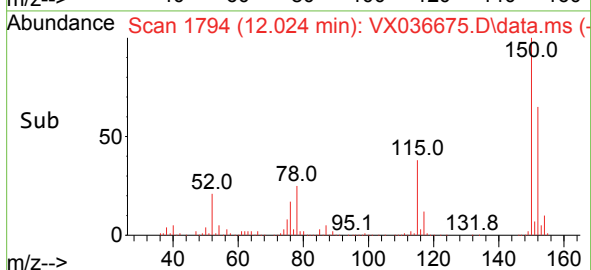
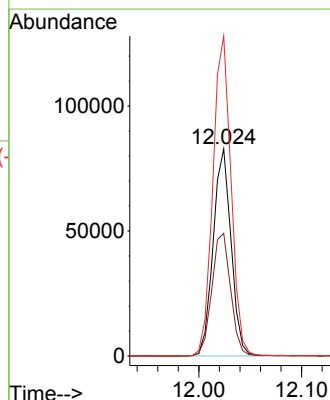
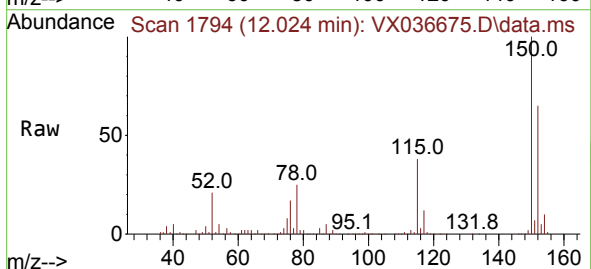
Instrument :
MSVOA_X
ClientSampleId :

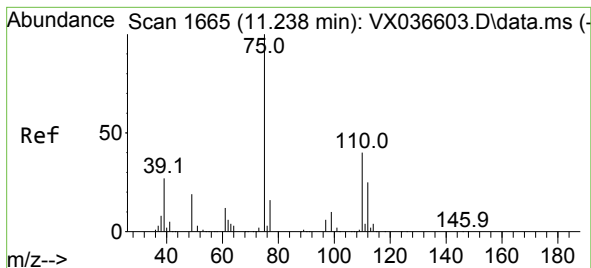
Tgt Ion:117 Resp: 232615
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036675.D
Acq: 27 Jul 2023 14:40

Tgt Ion:152 Resp: 100159
Ion Ratio Lower Upper
152 100
115 62.3 43.3 129.9
150 156.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.565 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX036675.D

Acq: 27 Jul 2023 14:40

Instrument :

MSVOA_X

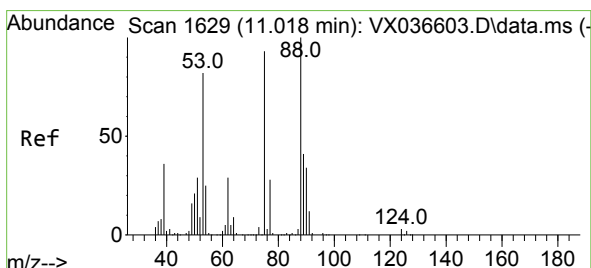
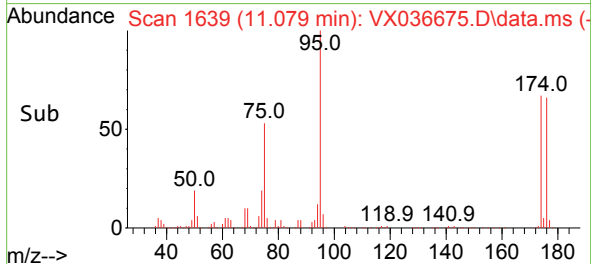
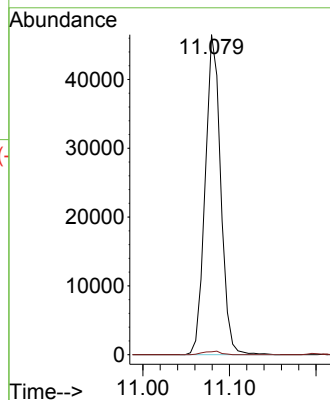
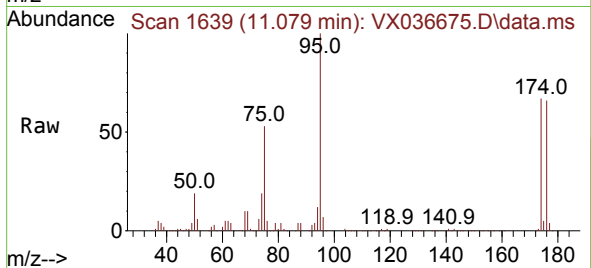
ClientSampleId :

Tgt Ion: 75 Resp: 57872

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 55.679 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036675.D

Acq: 27 Jul 2023 14:40

Tgt Ion: 75 Resp: 57872

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

