

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036923.D
 Acq On : 10 Aug 2023 19:18
 Operator : JC/MD
 Sample : 03955-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 01:50:56 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)

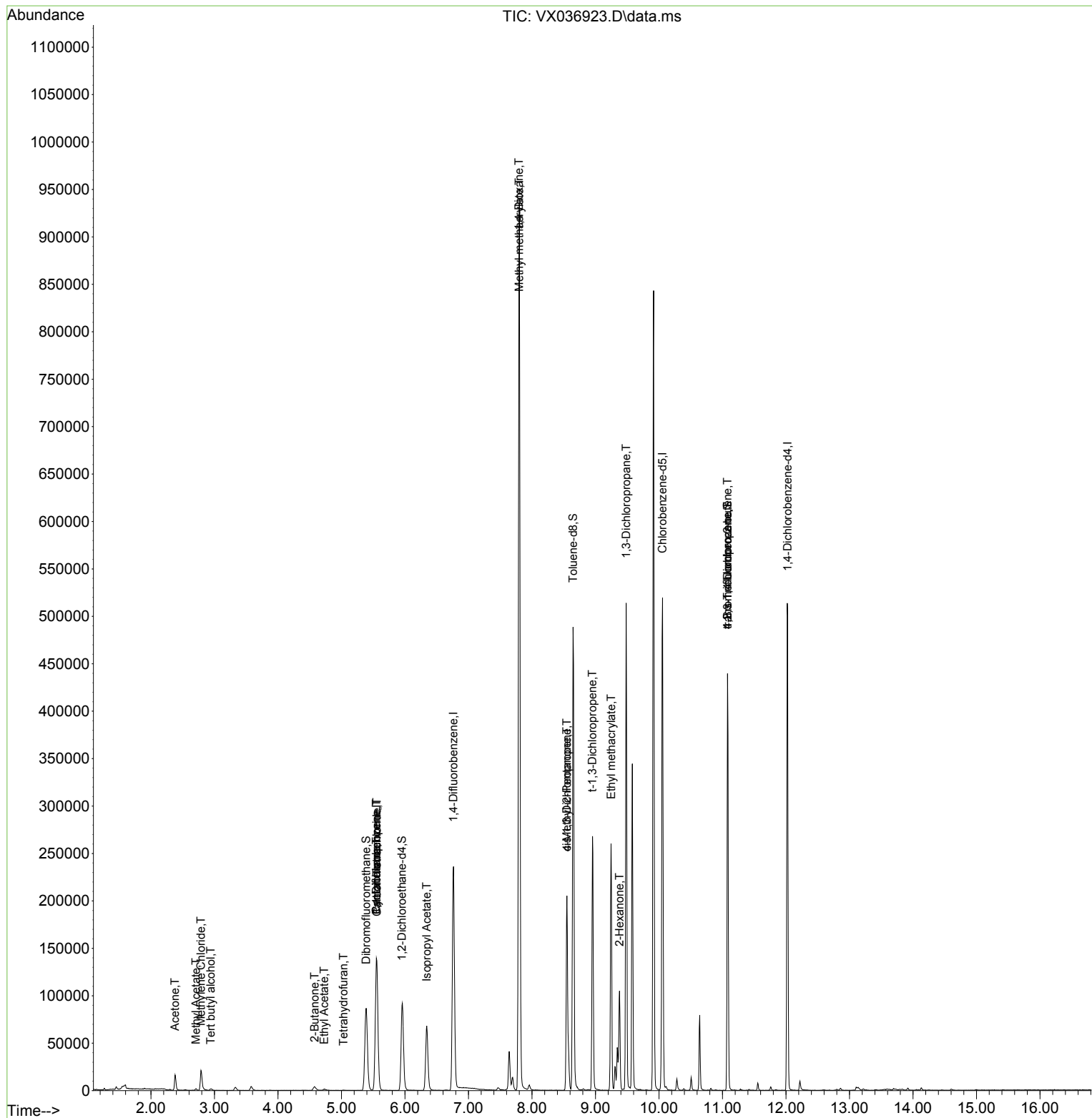
Internal Standards						
1) Pentafluorobenzene	5.550	168	129497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91399	47.701	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.400%		
35) Dibromofluoromethane	5.385	113	77209	46.617	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.240%		
50) Toluene-d8	8.647	98	292895	49.868	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.740%		
62) 4-Bromofluorobenzene	11.079	95	117423	52.991	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.980%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	1266	2.791	ug/l #	78
16) Acetone	2.380	43	17081	21.483	ug/l	95
18) Methyl Acetate	2.709	43	2066	0.618	ug/l	100
20) Methylene Chloride	2.788	84	11353	6.420	ug/l	91
25) 2-Butanone	4.574	43	5658	4.386	ug/l	93
29) Tetrahydrofuran	5.032	42	191	0.230	ug/l #	71
31) Cyclohexane	5.550	56	2889	1.089	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10501	4.254	ug/l #	50
37) Ethyl Acetate	4.727	43	3014	1.079	ug/l #	83
38) Carbon Tetrachloride	5.556	117	14067	5.360	ug/l #	15
43) Isopropyl Acetate	6.342	43	92242	19.179	ug/l	94
48) Methyl methacrylate	7.799	41	80120	35.820	ug/l #	48
49) 1,4-Dioxane	7.793	88	44	0.974	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	84331	31.684	ug/l #	37
53) t-1,3-Dichloropropene	8.952	75	676	0.217	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	34931	10.632	ug/l #	53
56) Ethyl methacrylate	9.244	69	646	0.210	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	4569	1.450	ug/l #	42
59) 2-Hexanone	9.378	43	77744	39.357	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	61036	24.114	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	61036	54.656	ug/l #	5

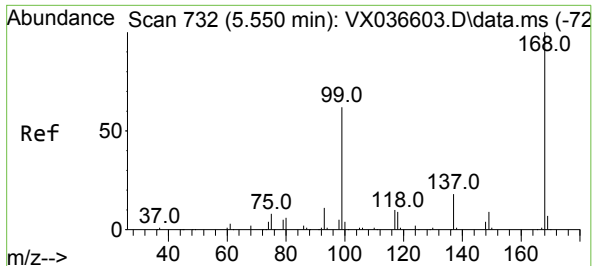
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
Data File : VX036923.D
Acq On : 10 Aug 2023 19:18
Operator : JC/MD
Sample : 03955-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

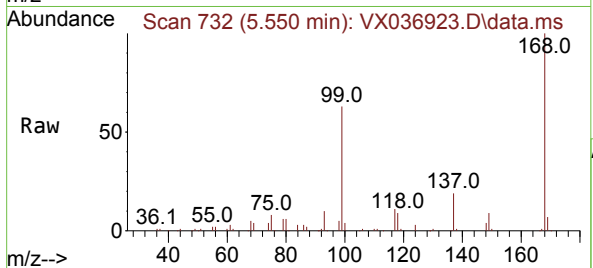
Quant Time: Aug 11 01:50:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



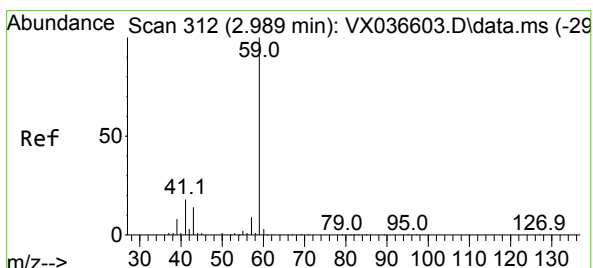
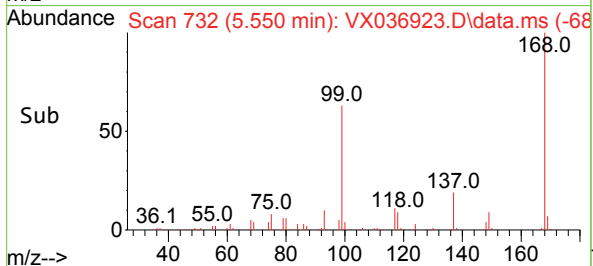
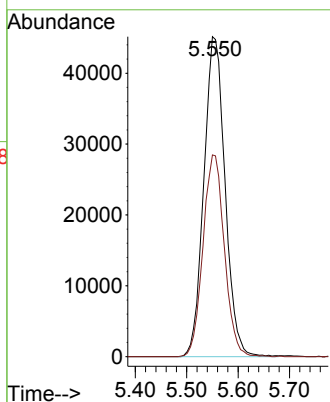


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :

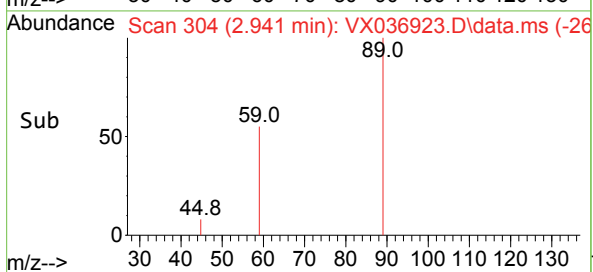
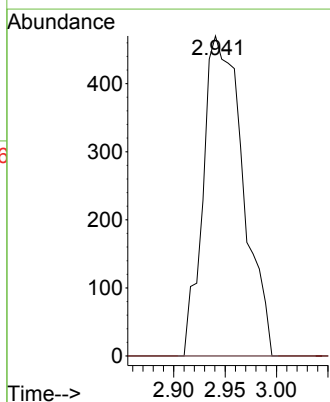
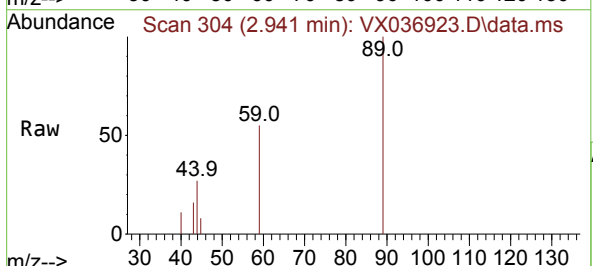


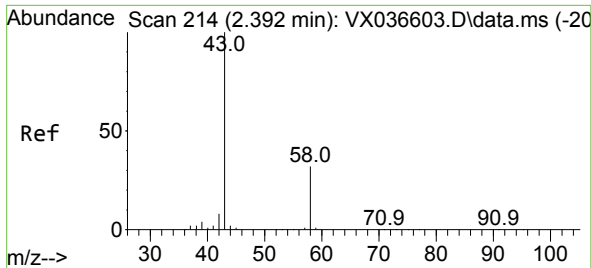
Tgt Ion:168 Resp: 129497
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.791 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

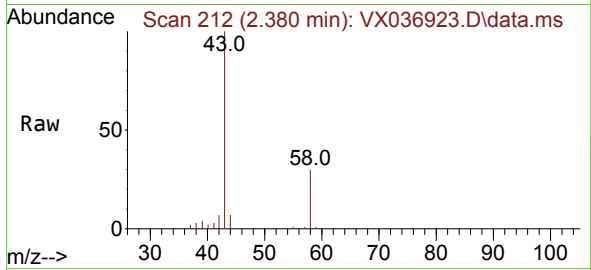
Tgt Ion: 59 Resp: 1266
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



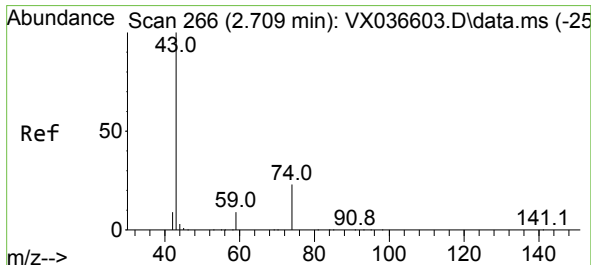
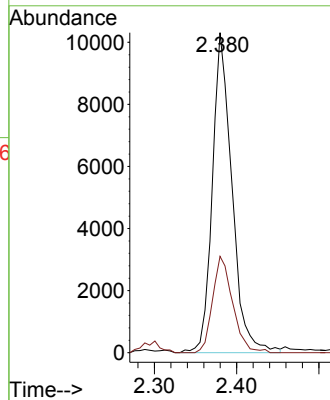
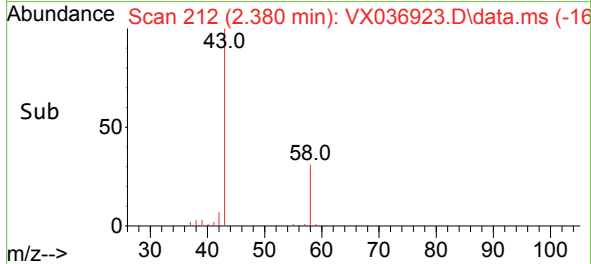


#16
Acetone
Concen: 21.483 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

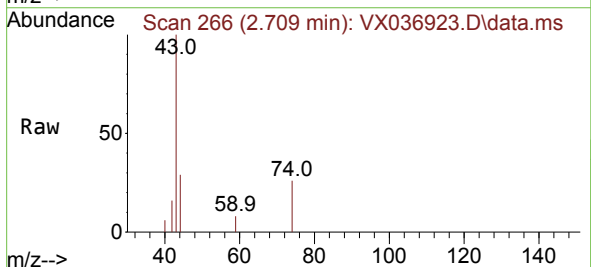
Instrument :
MSVOA_X
ClientSampleId :



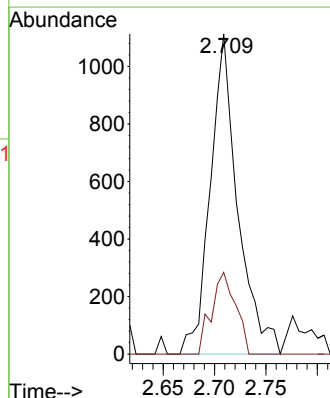
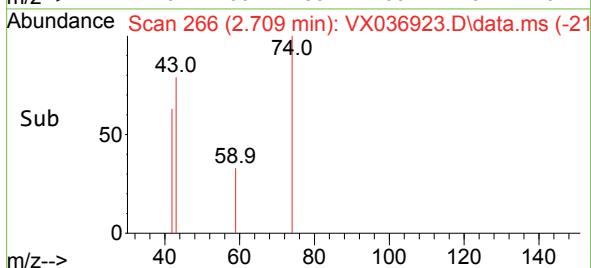
Tgt Ion: 43 Resp: 17081
Ion Ratio Lower Upper
43 100
58 30.1 21.9 32.9

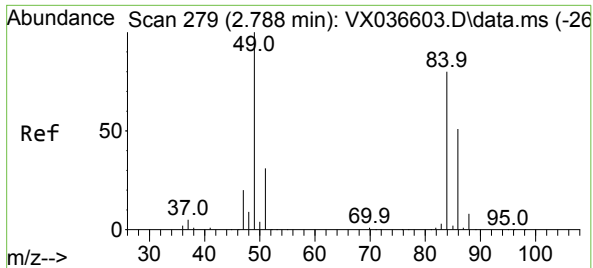


#18
Methyl Acetate
Concen: 0.618 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18



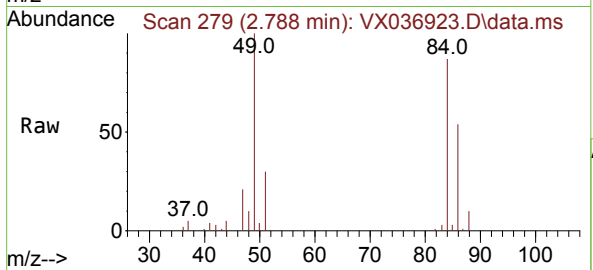
Tgt Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8



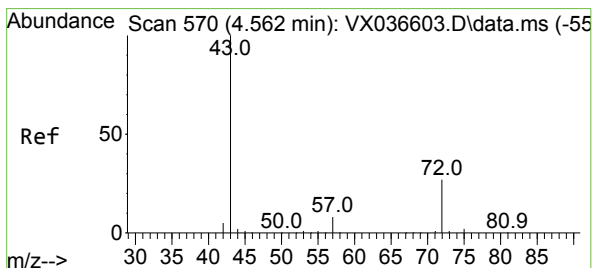
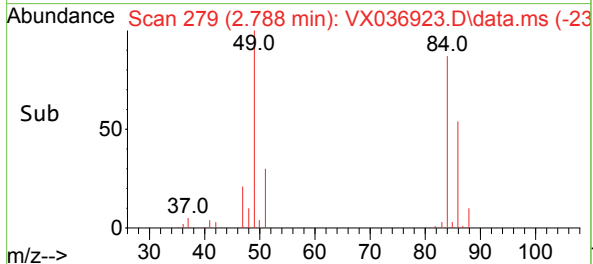
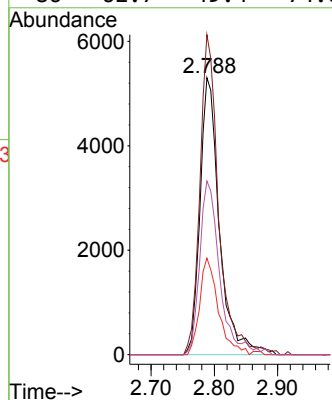


#20
Methylene Chloride
Concen: 6.420 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Instrument :
MSVOA_X
ClientSampleId :

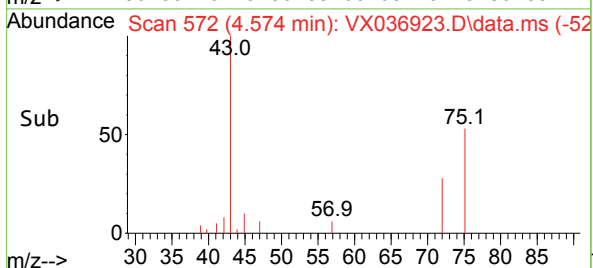
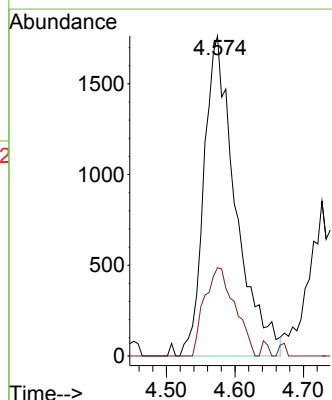
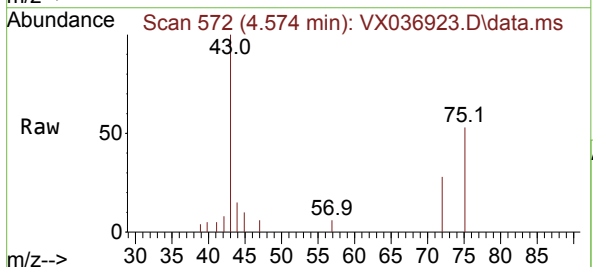


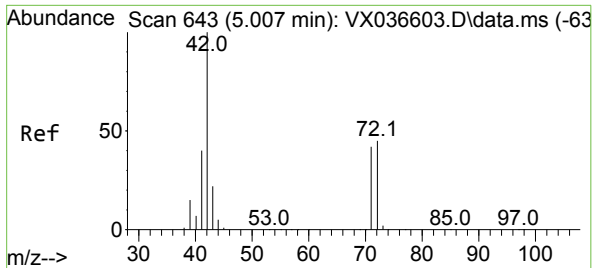
Tgt Ion:	84	Resp:	11353
Ion	Ratio	Lower	Upper
84	100		
49	115.6	103.6	155.4
51	34.8	33.8	50.6
86	62.7	49.4	74.0



#25
2-Butanone
Concen: 4.386 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Tgt Ion:	43	Resp:	5658
Ion	Ratio	Lower	Upper
43	100		
72	27.6	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.230 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.025 min

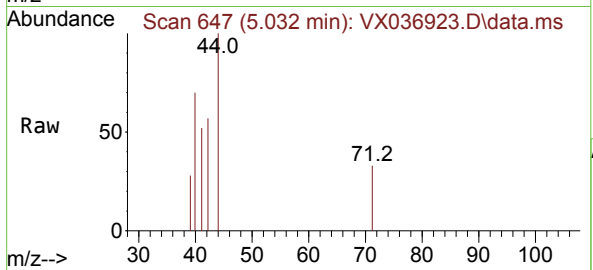
Lab File: VX036923.D

Acq: 10 Aug 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :



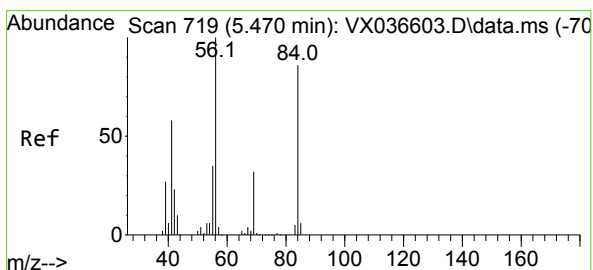
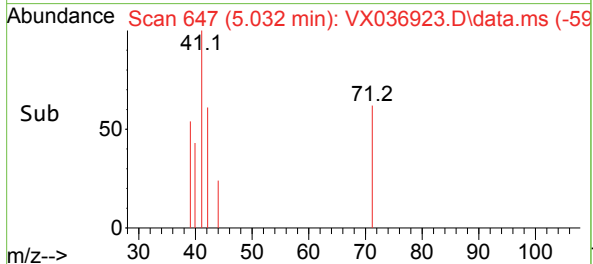
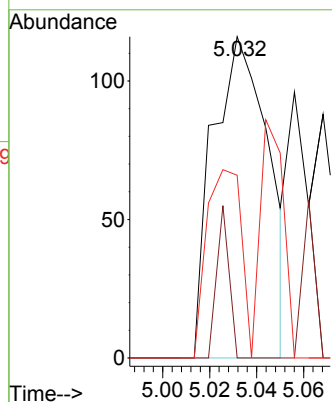
Tgt Ion: 42 Resp: 191

Ion Ratio Lower Upper

42 100

72 10.5 34.2 51.4#

71 36.6 32.2 48.2



#31

Cyclohexane

Concen: 1.089 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX036923.D

Acq: 10 Aug 2023 19:18

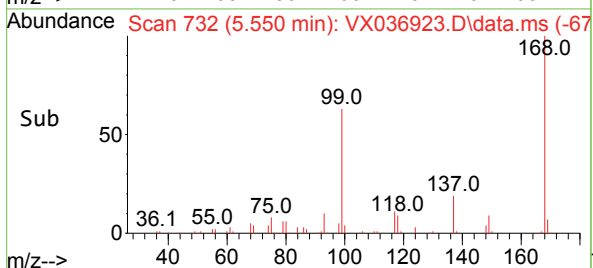
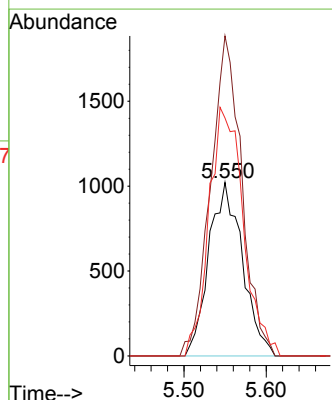
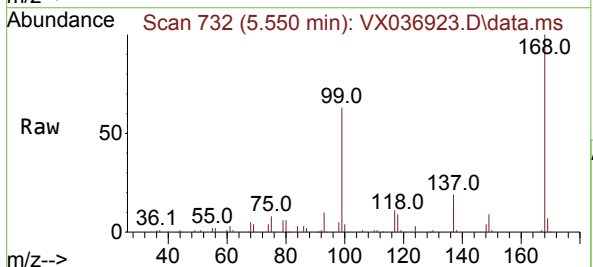
Tgt Ion: 56 Resp: 2889

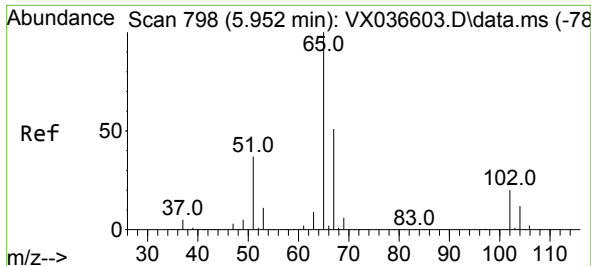
Ion Ratio Lower Upper

56 100

69 184.4 23.4 35.2#

84 137.1 65.9 98.9#

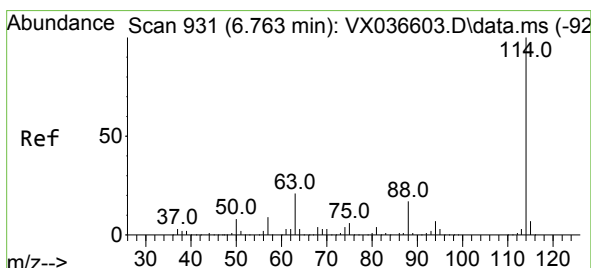
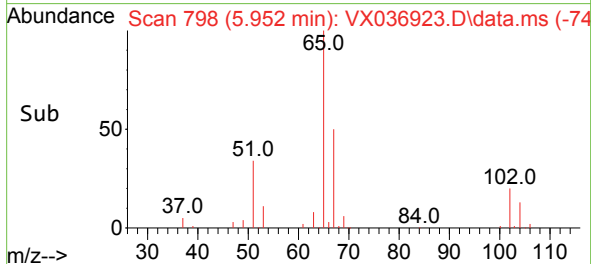
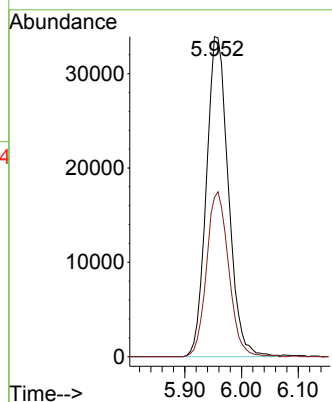
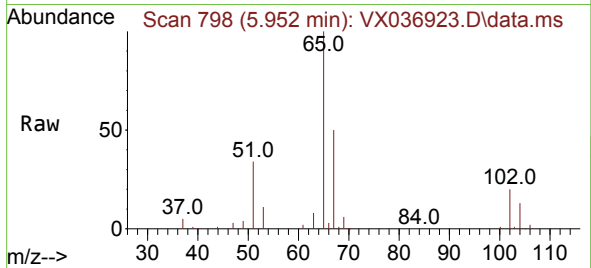




#33
 1,2-Dichloroethane-d4
 Concen: 47.701 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036923.D
 Acq: 10 Aug 2023 19:18

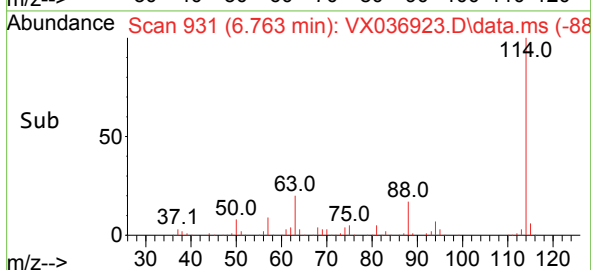
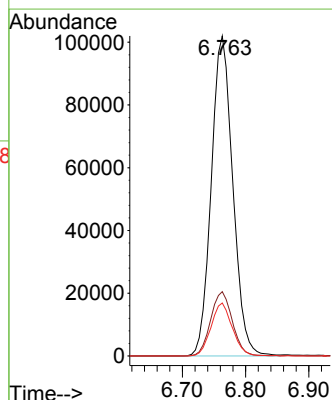
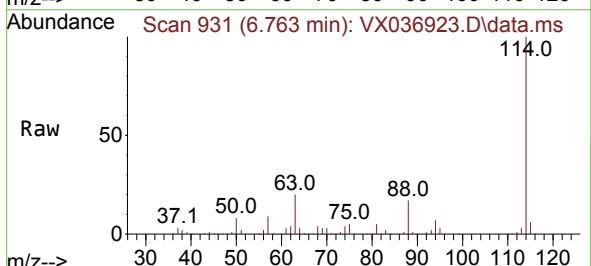
Instrument :
 MSVOA_X
 ClientSampleId :

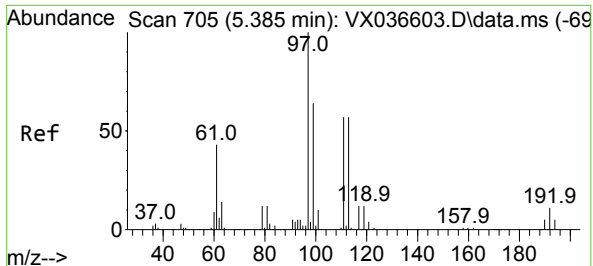
Tgt Ion: 65 Resp: 91399
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036923.D
 Acq: 10 Aug 2023 19:18

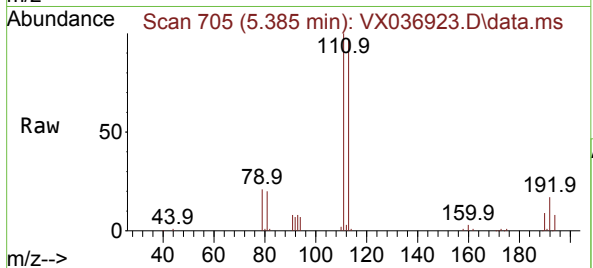
Tgt Ion: 114 Resp: 240961
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.0
 88 16.5 0.0 36.6



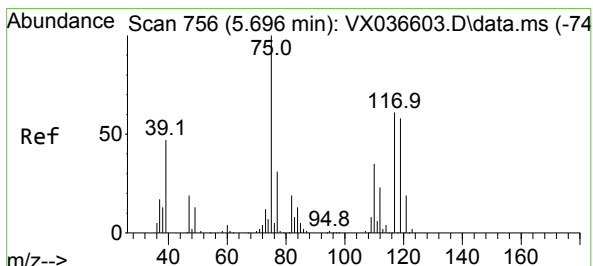
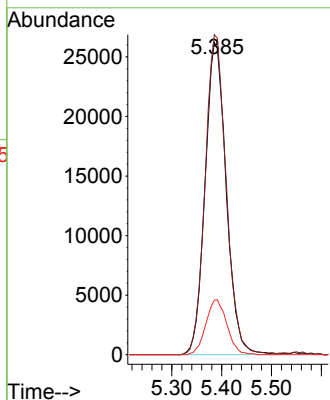
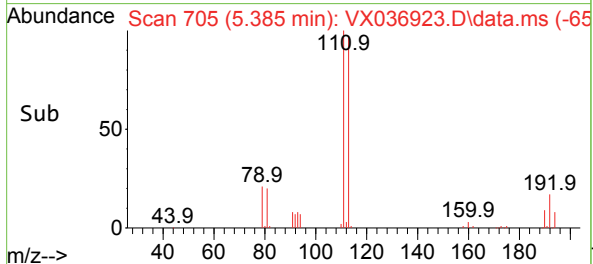


#35
Dibromofluoromethane
Concen: 46.617 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

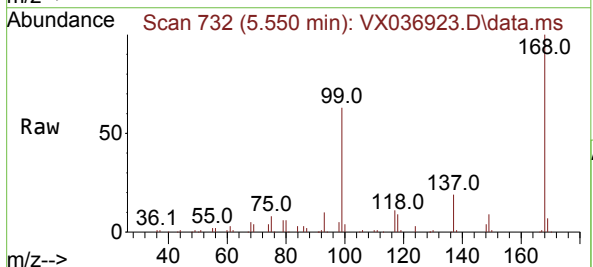
Instrument :
MSVOA_X
ClientSampleId :



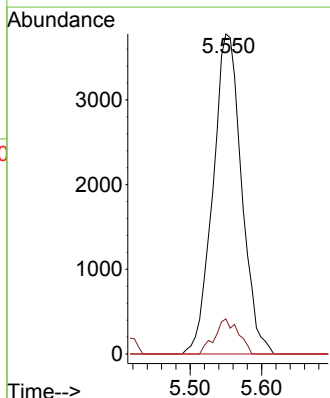
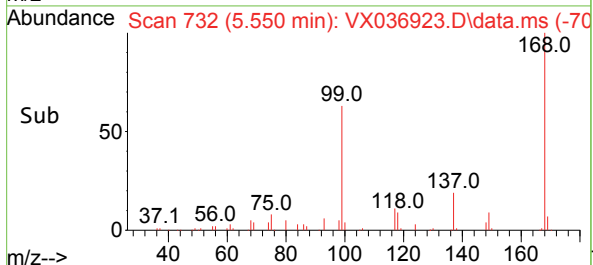
Tgt Ion:113 Resp: 77209
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.5 13.3 19.9

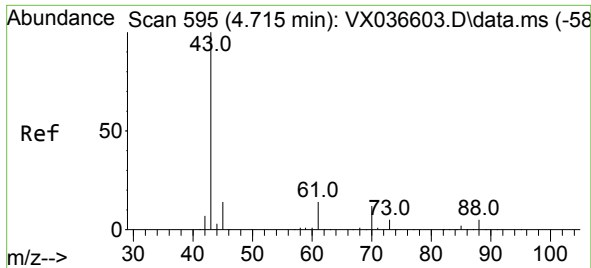


#36
1,1-Dichloropropene
Concen: 4.254 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18



Tgt Ion: 75 Resp: 10501
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.079 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

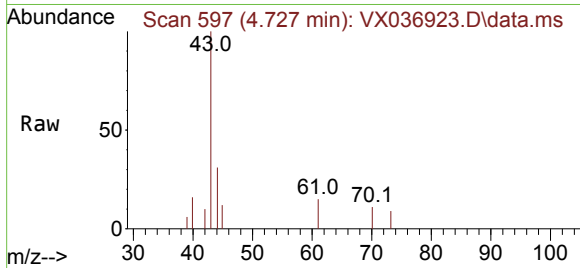
Lab File: VX036923.D

Acq: 10 Aug 2023 19:18

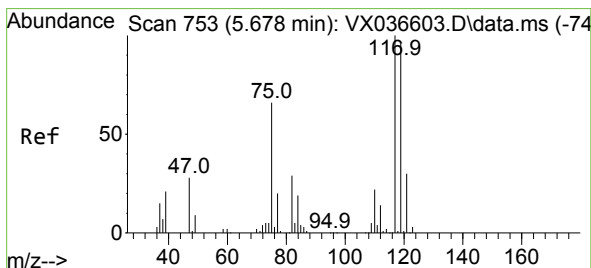
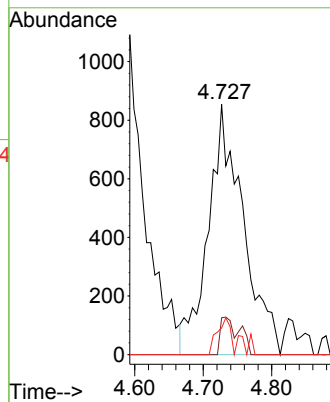
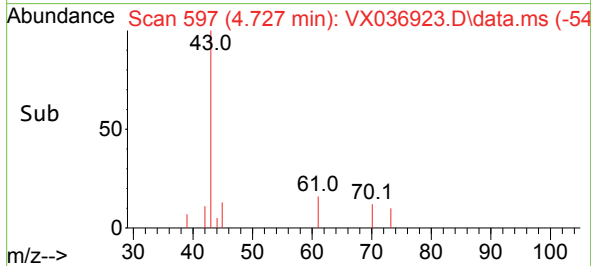
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	3014
Ion	Ratio	Lower	Upper
43	100		
61	5.2	10.6	16.0#
70	5.5	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.360 ug/l

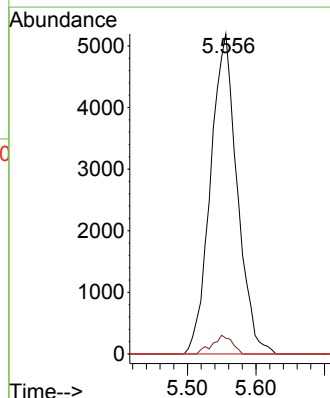
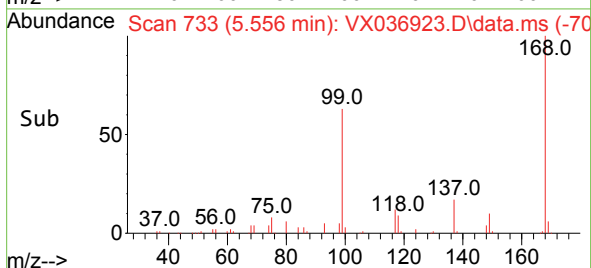
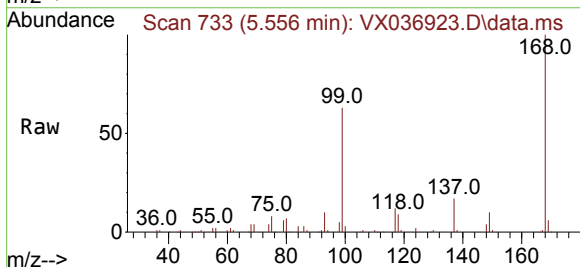
RT: 5.556 min Scan# 733

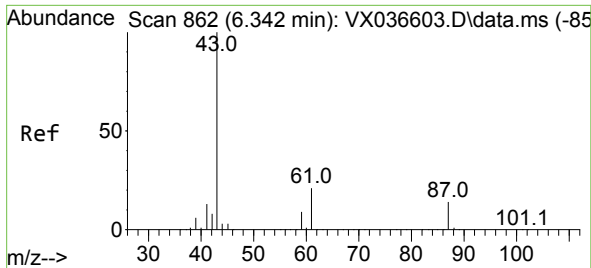
Delta R.T. -0.122 min

Lab File: VX036923.D

Acq: 10 Aug 2023 19:18

Tgt Ion:	117	Resp:	14067
Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.2	117.2#
121	0.0	24.4	36.6#

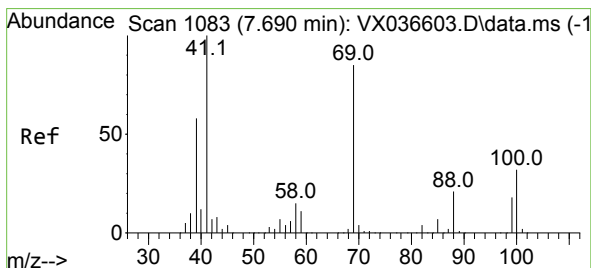
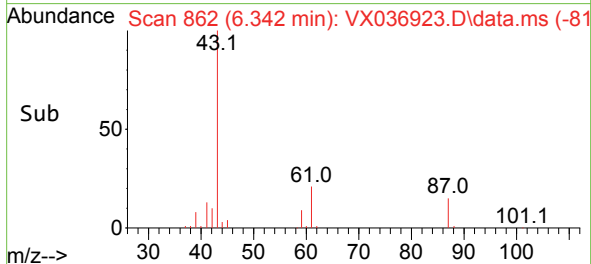
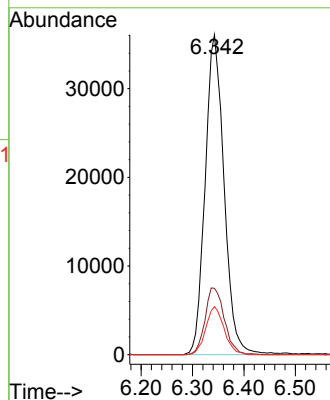
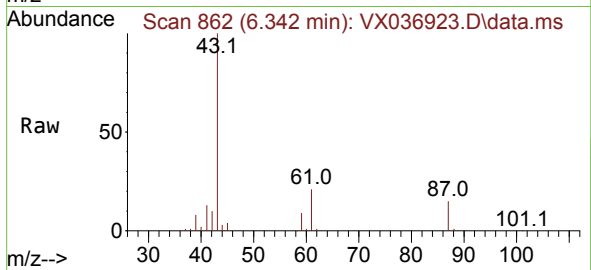




#43
Isopropyl Acetate
Concen: 19.179 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

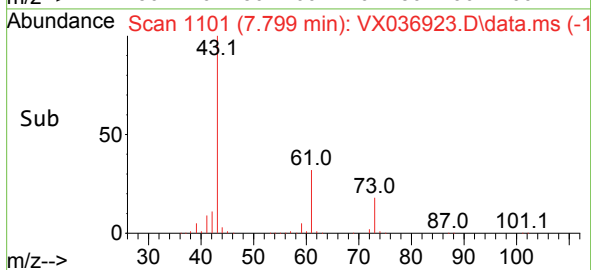
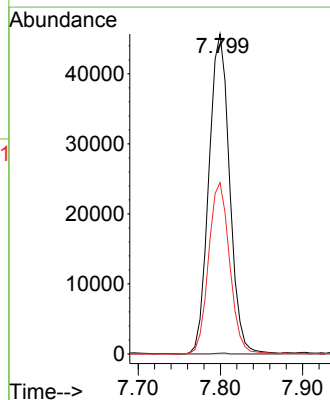
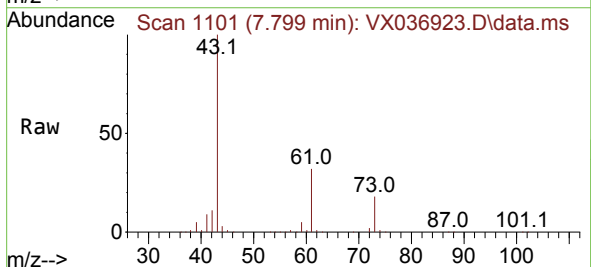
Instrument :
MSVOA_X
ClientSampleId :

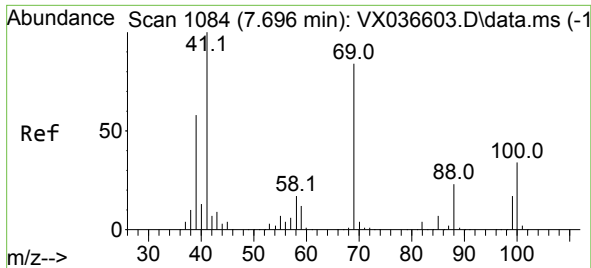
Tgt Ion: 43 Resp: 92242
Ion Ratio Lower Upper
43 100
61 21.3 15.2 22.8
87 14.5 9.8 14.6



#48
Methyl methacrylate
Concen: 35.820 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Tgt Ion: 41 Resp: 80120
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 54.3 47.7 71.5





#49

1,4-Dioxane

Concen: 0.974 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.098 min

Lab File: VX036923.D

Acq: 10 Aug 2023 19:18

Instrument :

MSVOA_X

ClientSampleId :

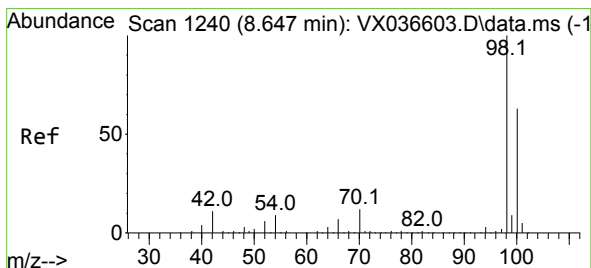
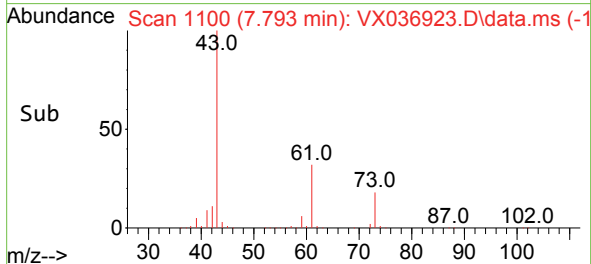
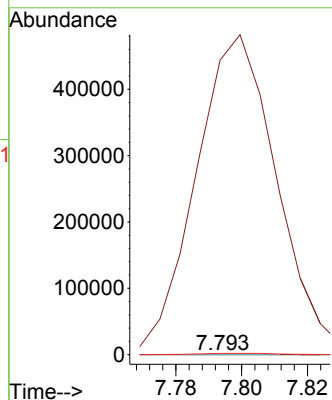
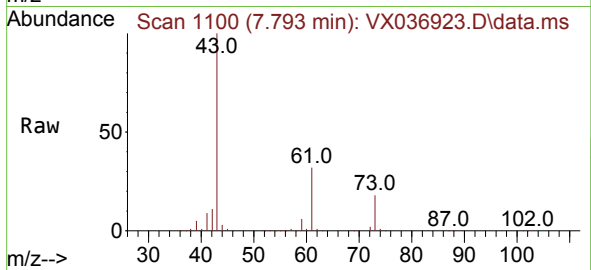
Tgt Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

43 1898604.5 0.0 0.0#

58 7909.1 60.1 90.1#



#50

Toluene-d8

Concen: 49.868 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036923.D

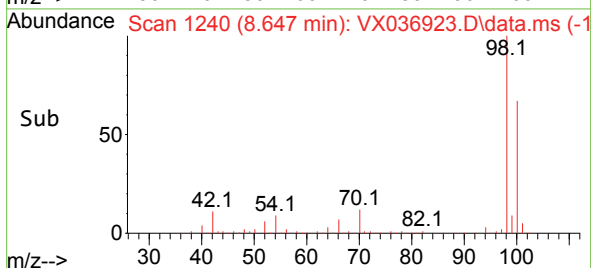
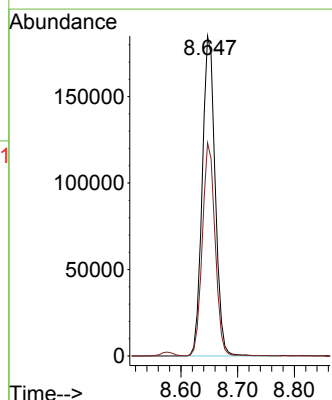
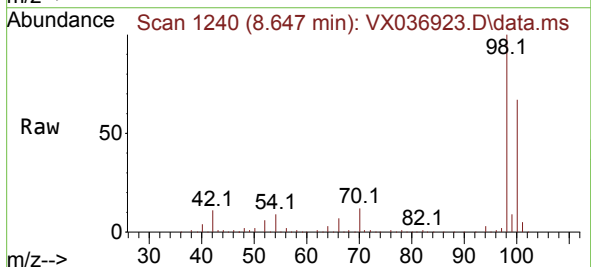
Acq: 10 Aug 2023 19:18

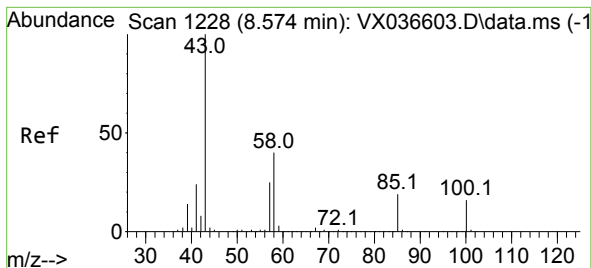
Tgt Ion: 98 Resp: 292895

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7

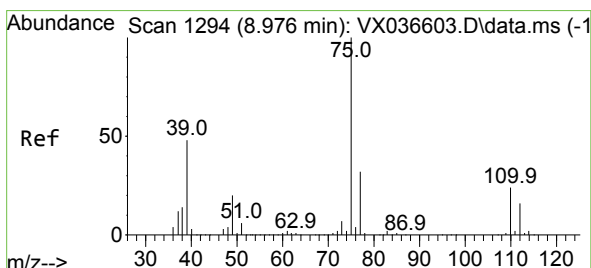
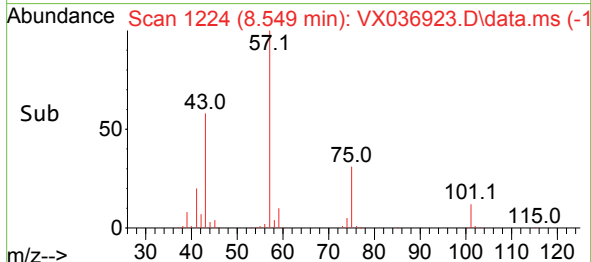
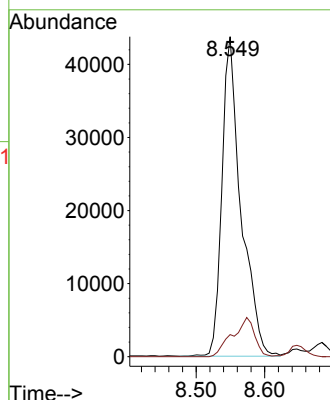
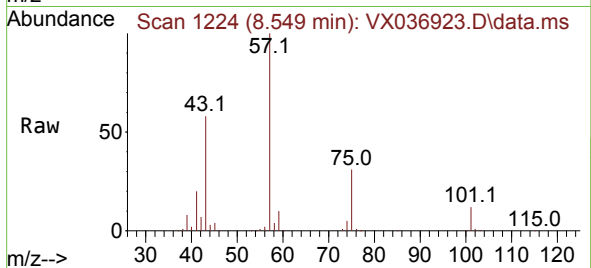




#51
4-Methyl-2-Pentanone
Concen: 31.684 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

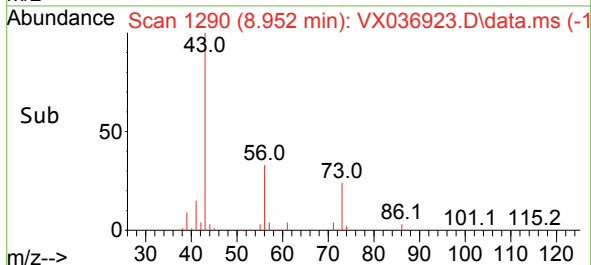
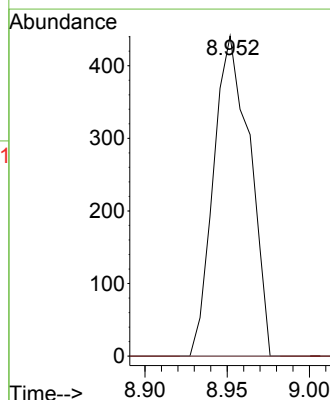
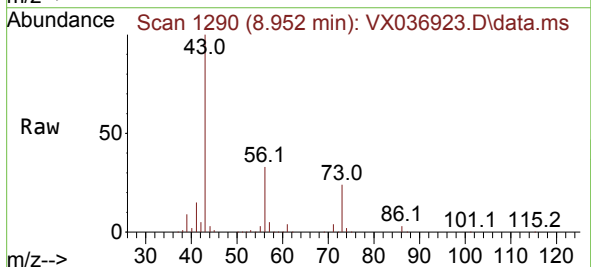
Instrument :
MSVOA_X
ClientSampleId :

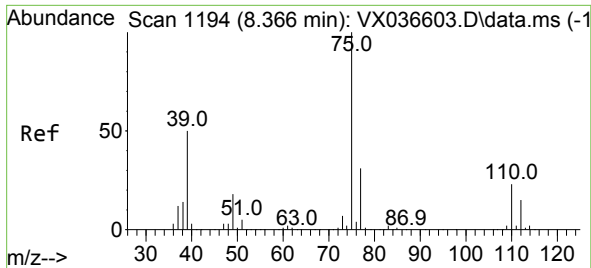
Tgt Ion: 43 Resp: 84331
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.217 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Tgt Ion: 75 Resp: 676
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

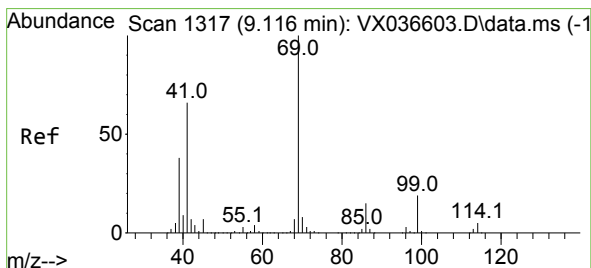
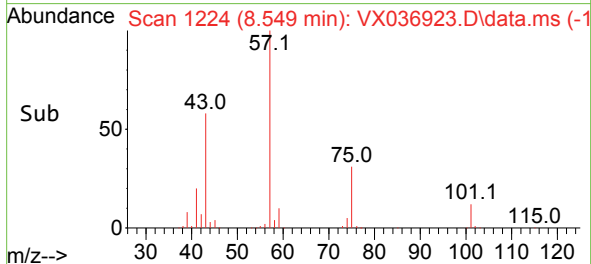
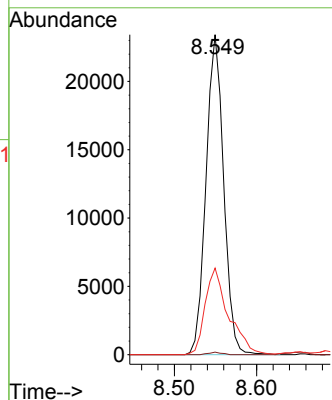
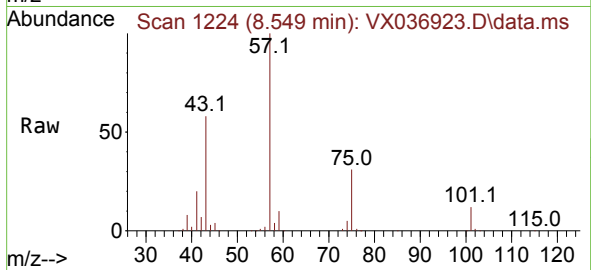




#54
 cis-1,3-Dichloropropene
 Concen: 10.632 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX036923.D
 Acq: 10 Aug 2023 19:18

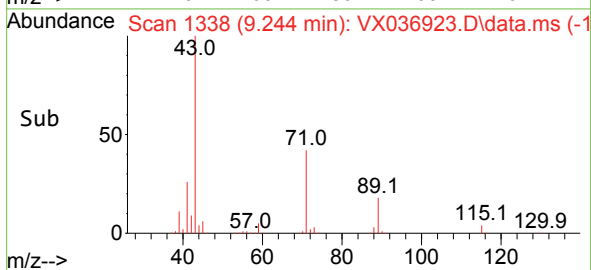
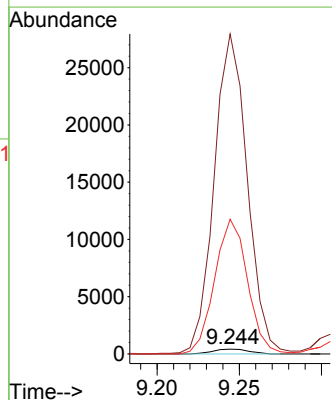
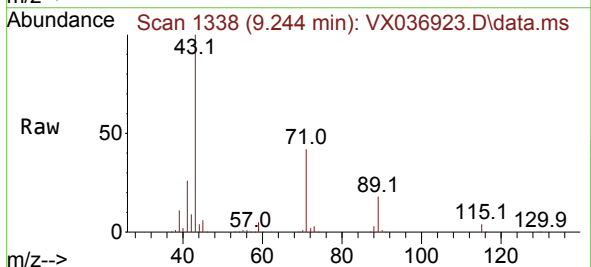
Instrument :
 MSVOA_X
 ClientSampleId :

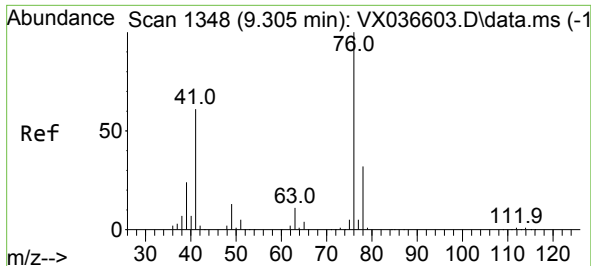
Tgt Ion: 75 Resp: 34931
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.3 37.9#
 39 27.1 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.210 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX036923.D
 Acq: 10 Aug 2023 19:18

Tgt Ion: 69 Resp: 646
 Ion Ratio Lower Upper
 69 100
 41 6080.5 56.8 85.2#
 39 2533.7 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.450 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.177 min

Lab File: VX036923.D

Acq: 10 Aug 2023 19:18

Instrument :

MSVOA_X

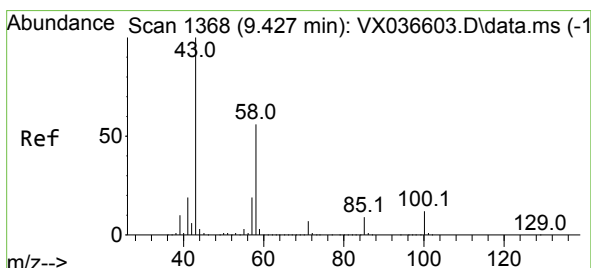
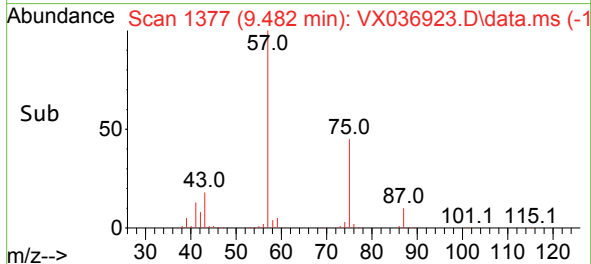
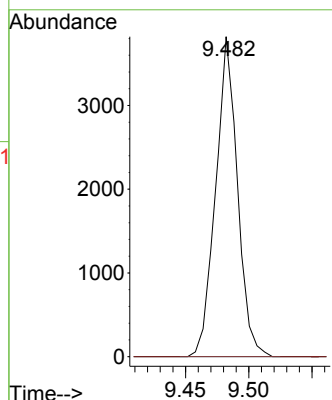
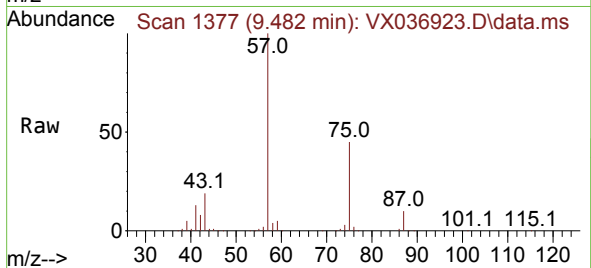
ClientSampleId :

Tgt Ion: 76 Resp: 4569

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 39.357 ug/l

RT: 9.378 min Scan# 1360

Delta R.T. -0.049 min

Lab File: VX036923.D

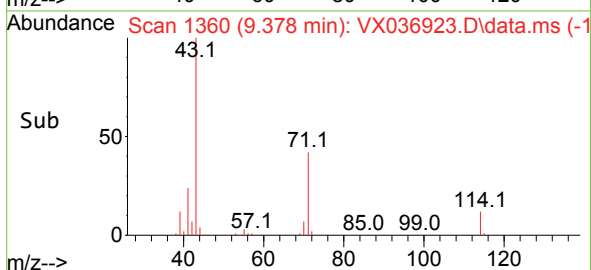
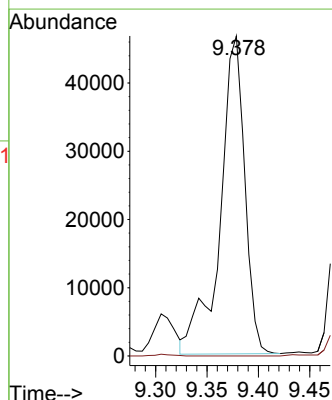
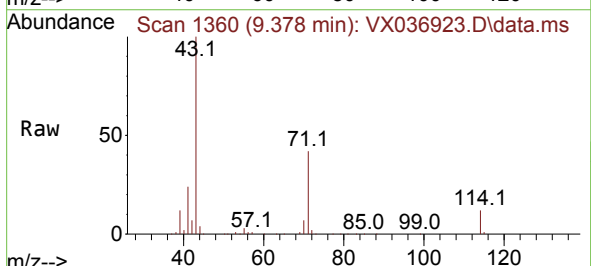
Acq: 10 Aug 2023 19:18

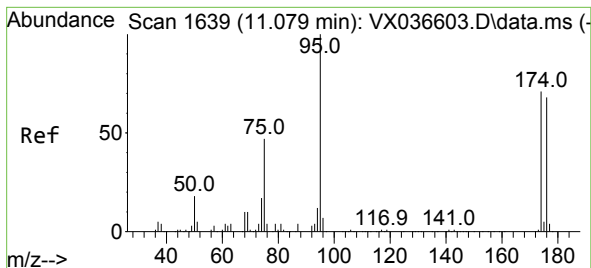
Tgt Ion: 43 Resp: 77744

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#

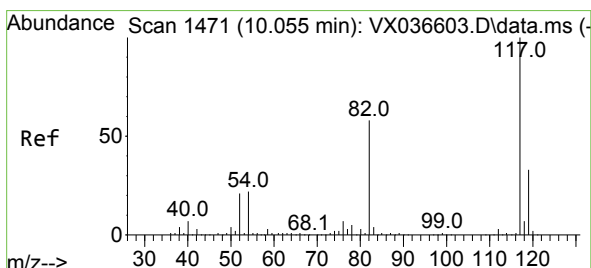
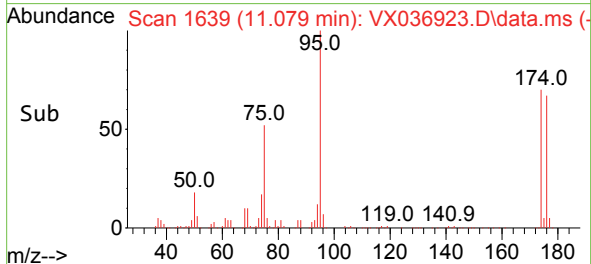
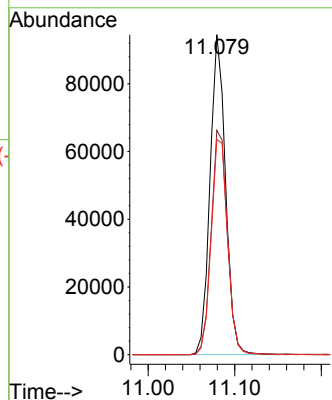
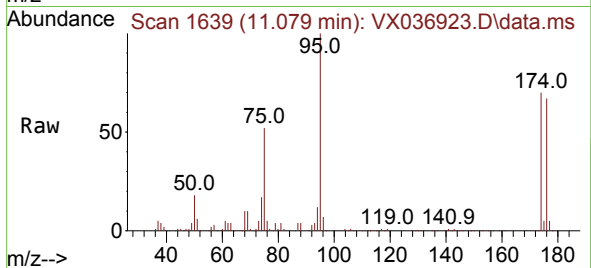




#62
4-Bromofluorobenzene
Concen: 52.991 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

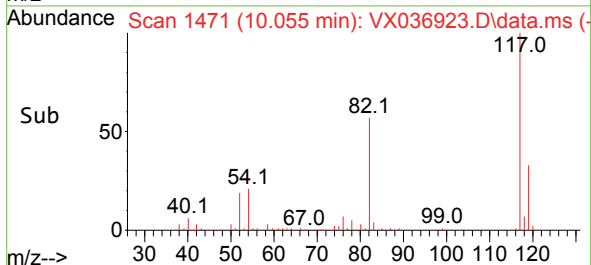
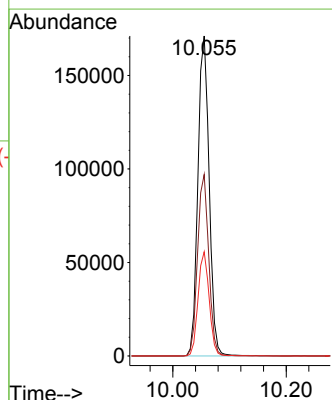
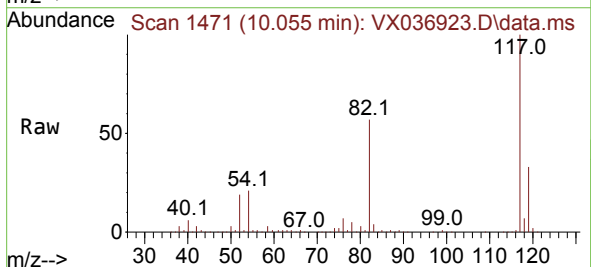
Instrument :
MSVOA_X
ClientSampleId :

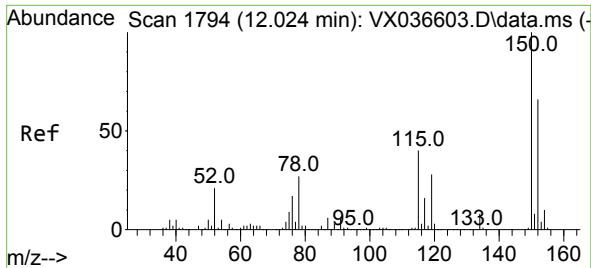
Tgt Ion: 95 Resp: 117423
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036923.D
Acq: 10 Aug 2023 19:18

Tgt Ion: 117 Resp: 235239
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.6 25.5 38.3

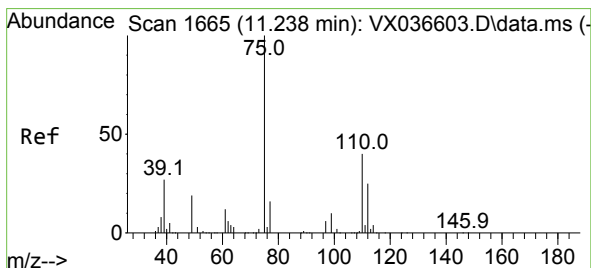
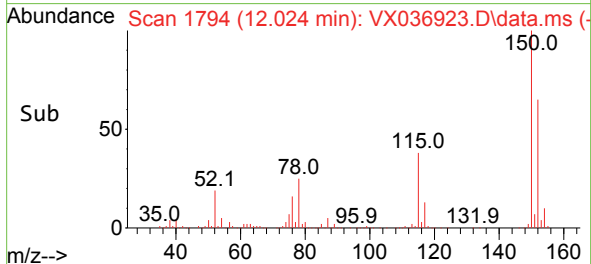
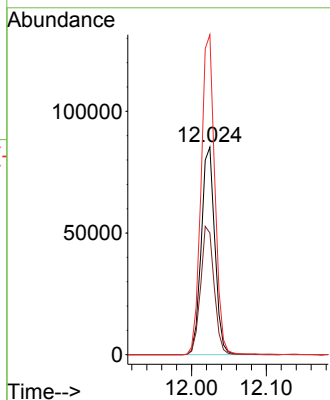
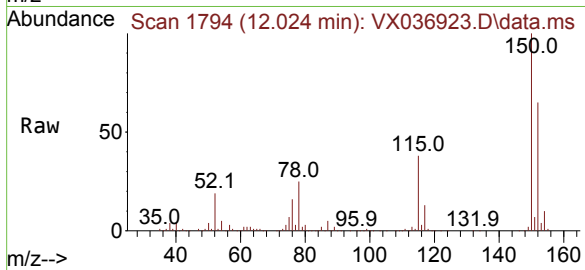




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036923.D
 Acq: 10 Aug 2023 19:18

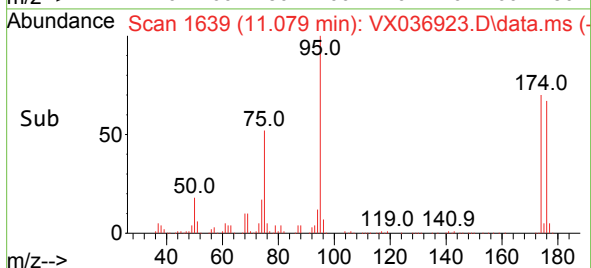
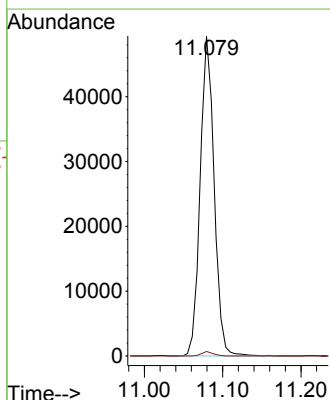
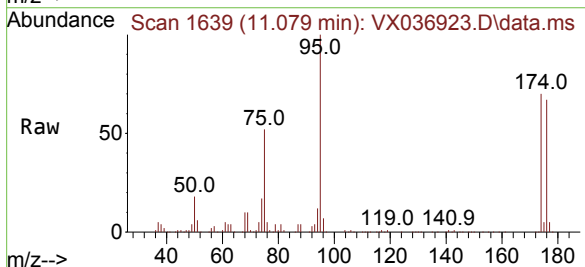
Instrument :
 MSVOA_X
 ClientSampleId :

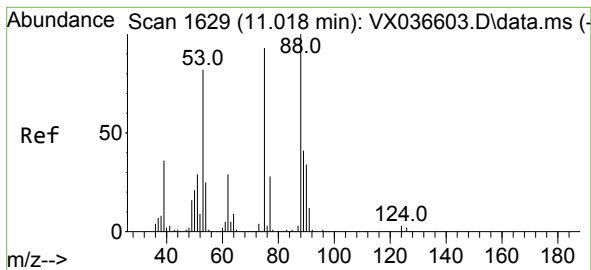
Tgt Ion:152 Resp: 107611
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.3 129.9
 150 156.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.114 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036923.D
 Acq: 10 Aug 2023 19:18

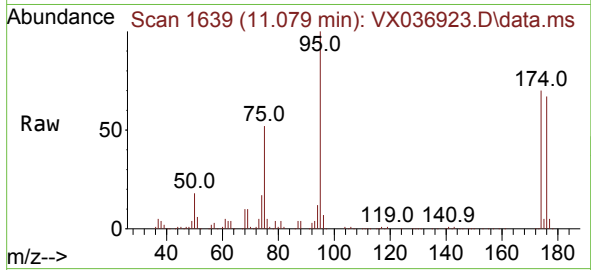
Tgt Ion: 75 Resp: 61036
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.656 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036923.D
 Acq: 10 Aug 2023 19:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 61036
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

