

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037250.D
 Acq On : 25 Aug 2023 05:59
 Operator : JC/MD
 Sample : 04095-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20230818

Quant Time: Aug 25 07:46:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

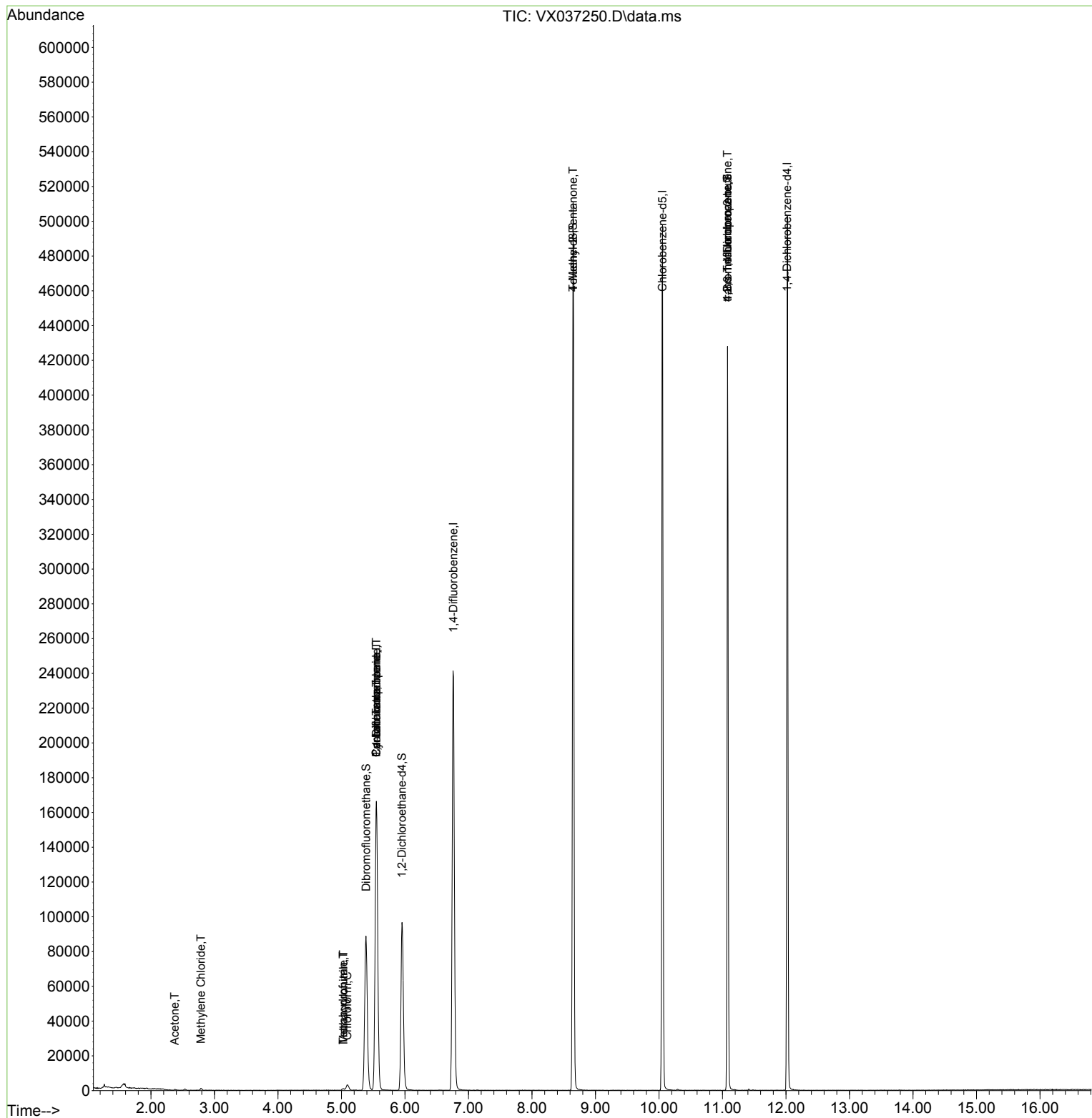
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

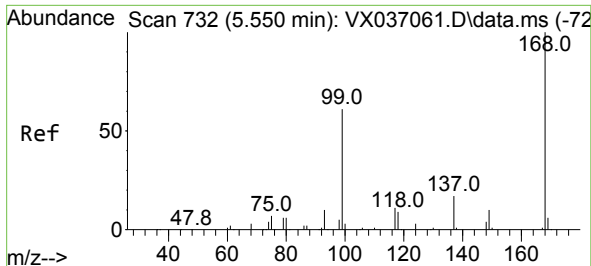
Internal Standards						
1) Pentafluorobenzene	5.550	168	156103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98851	43.924	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.840%
35) Dibromofluoromethane	5.385	113	78886	46.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.480%
50) Toluene-d8	8.647	98	302024	48.801	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	113019	46.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	544	0.618	ug/l #	87
20) Methylene Chloride	2.788	84	590	0.300	ug/l #	72
29) Tetrahydrofuran	5.026	42	846	1.001	ug/l #	81
30) Chloroform	5.093	83	4283	1.192	ug/l	86
31) Cyclohexane	5.550	56	3093	1.222	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12387	5.110	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16995	6.454	ug/l #	14
41) Methacrylonitrile	5.032	41	558	0.433	ug/l #	33
51) 4-Methyl-2-Pentanone	8.647	43	1102	0.462	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	57680	25.872	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	57680	72.262	ug/l #	5

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

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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MSVOA_X

ClientSampleId :

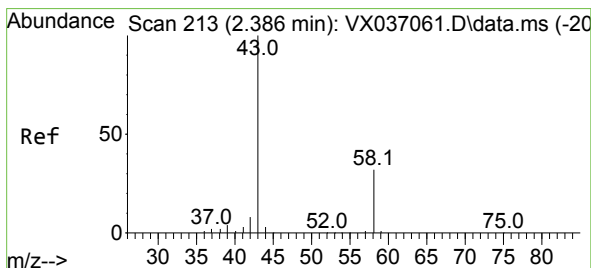
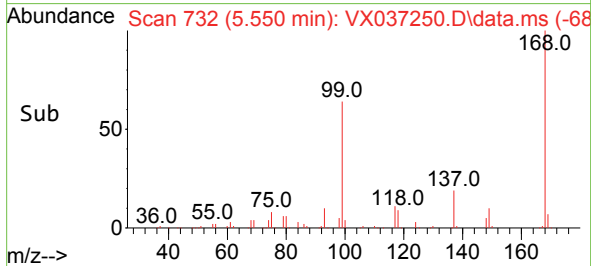
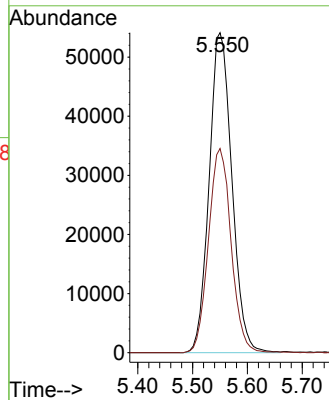
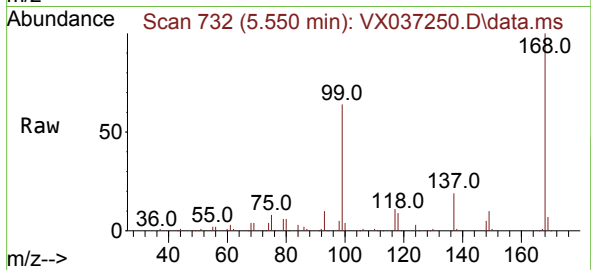
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Tgt Ion:168 Resp: 156103

Ion Ratio Lower Upper

168 100

99 63.8 56.6 85.0



#16

Acetone

Concen: 0.618 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.012 min

Lab File: VX037250.D

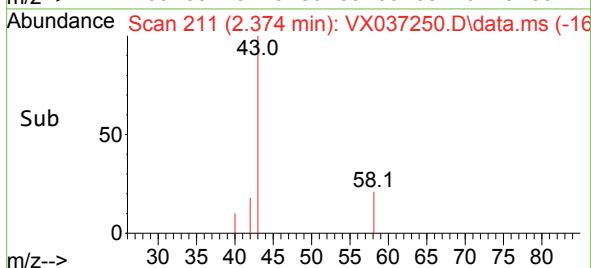
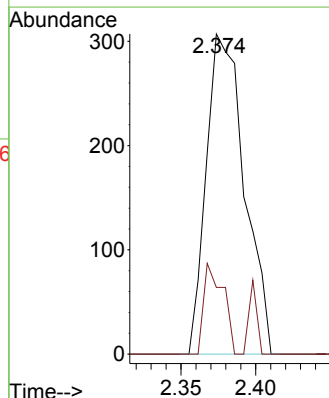
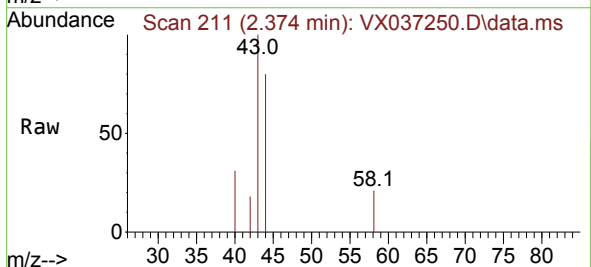
Acq: 25 Aug 2023 05:59

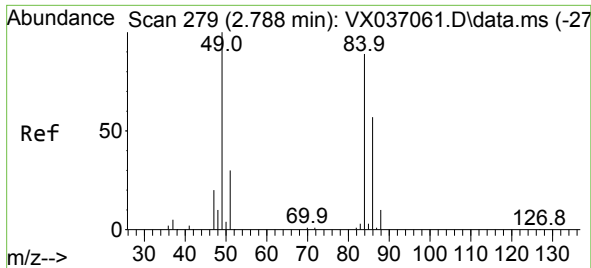
Tgt Ion: 43 Resp: 544

Ion Ratio Lower Upper

43 100

58 20.8 21.9 32.9#

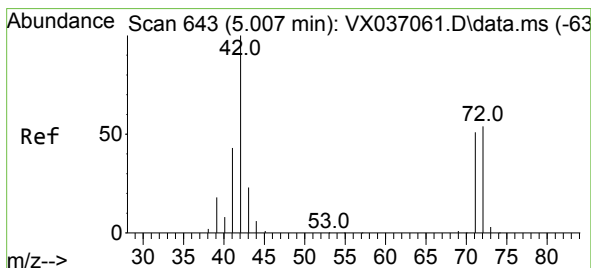
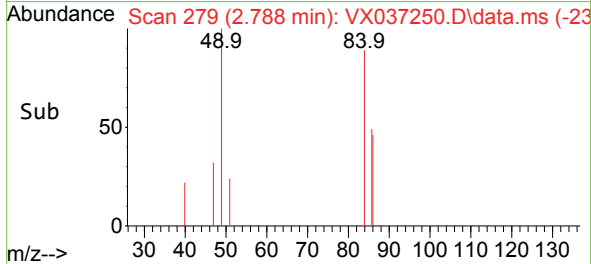
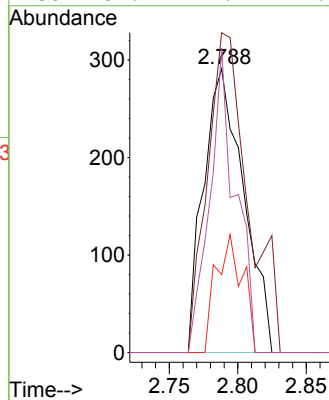
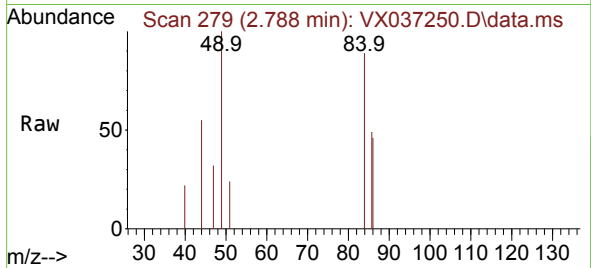




#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037250.D
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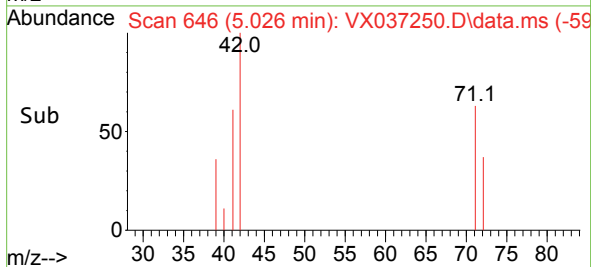
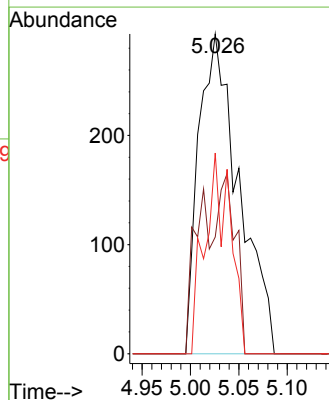
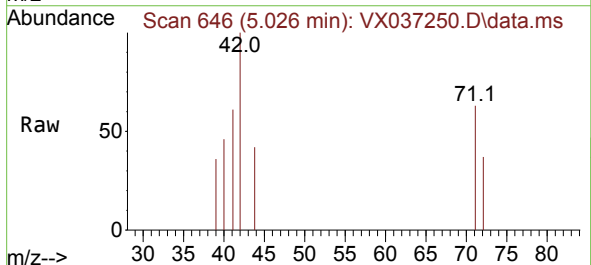
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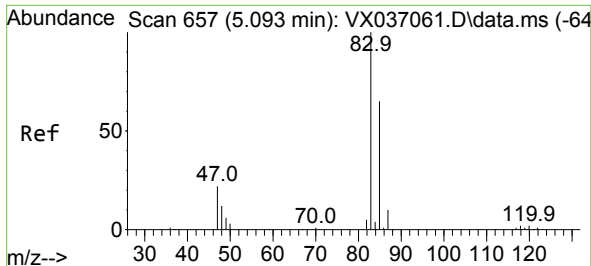
Tgt Ion:	84	Resp:	590
Ion	Ratio	Lower	Upper
84	100		
49	112.7	103.6	155.4
51	27.5	33.8	50.6#
86	107.2	49.4	74.0#



#29
Tetrahydrofuran
Concen: 1.001 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX037250.D
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Tgt Ion:	42	Resp:	846
Ion	Ratio	Lower	Upper
42	100		
72	20.3	34.2	51.4#
71	39.6	32.2	48.2

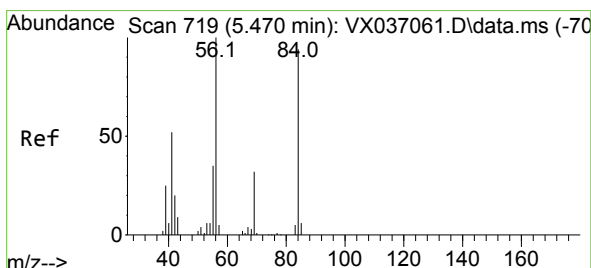
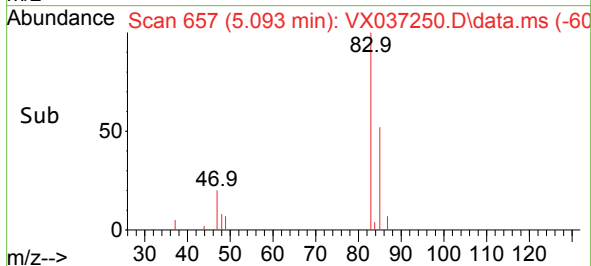
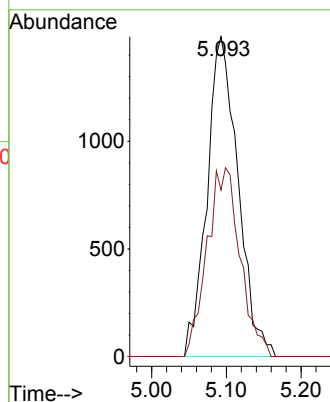
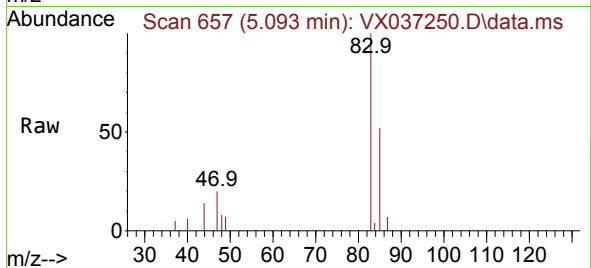




#30
Chloroform
Concen: 1.192 ug/l
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX037250.D
Acq: 25 Aug 2023 05:59

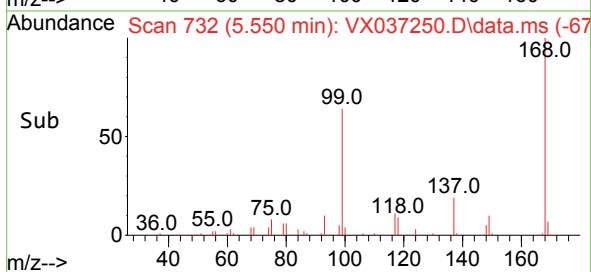
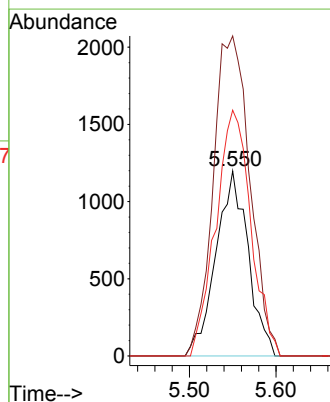
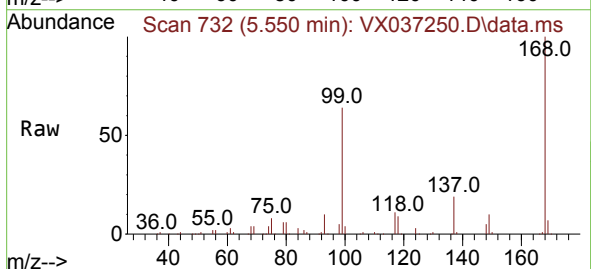
Instrument :
MSVOA_X
ClientSampleId :
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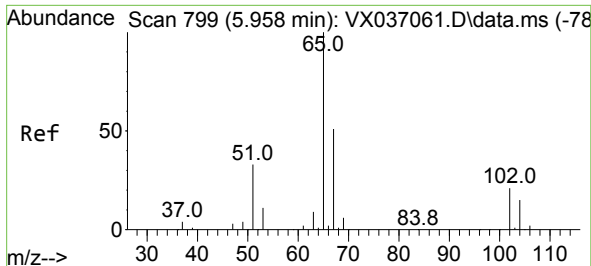
Tgt Ion: 83 Resp: 4283
Ion Ratio Lower Upper
83 100
85 52.1 50.3 75.5



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037250.D
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Tgt Ion: 56 Resp: 3093
Ion Ratio Lower Upper
56 100
69 173.0 23.4 35.2#
84 132.9 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.924 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037250.D

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Instrument :

MSVOA_X

ClientSampleId :

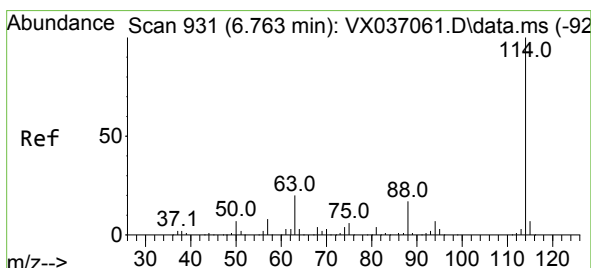
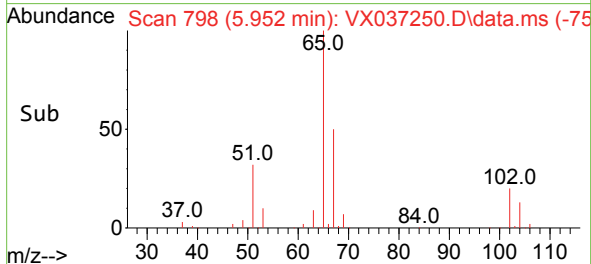
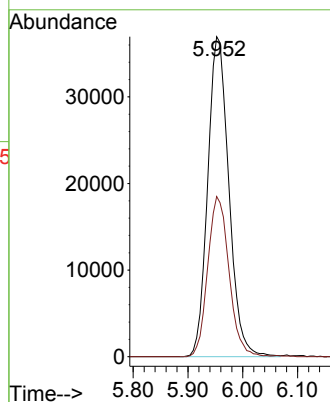
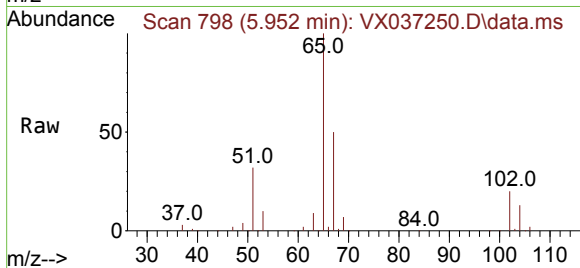
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Tgt Ion: 65 Resp: 98851

Ion Ratio Lower Upper

65 100

67 50.4 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: VX037250.D

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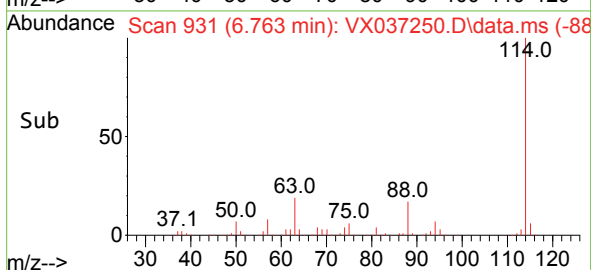
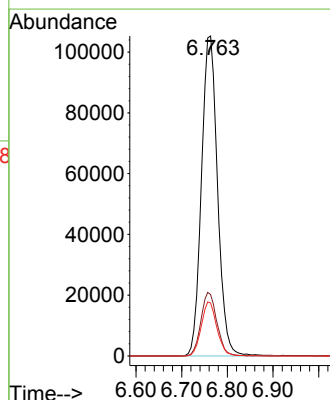
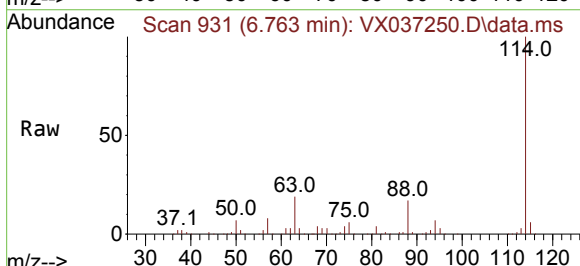
Tgt Ion: 114 Resp: 257619

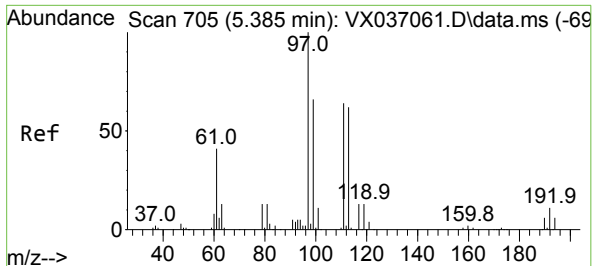
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 16.5 0.0 36.6

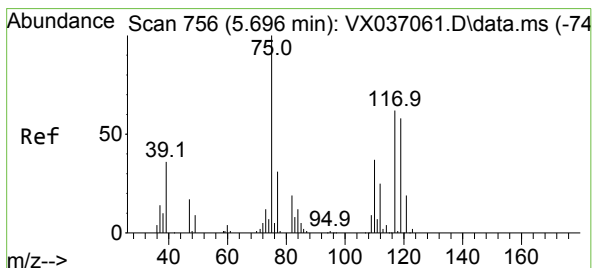
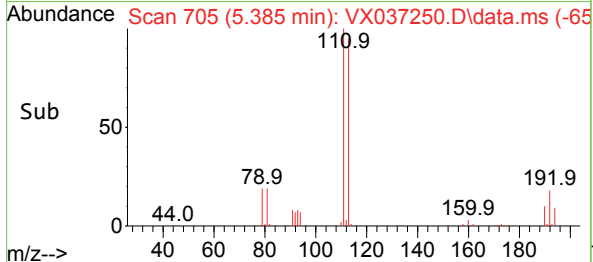
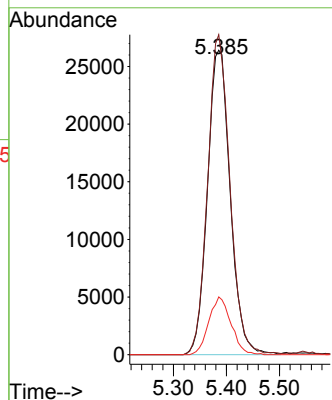
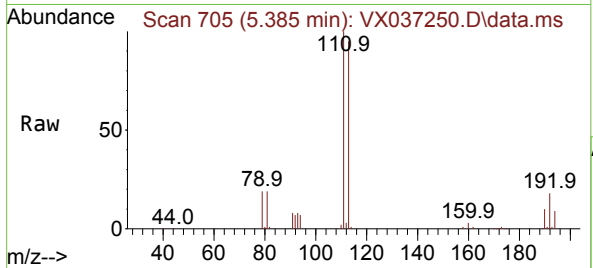




#35
Dibromofluoromethane
Concen: 46.236 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037250.D
Acq: 25 Aug 2023 05:59

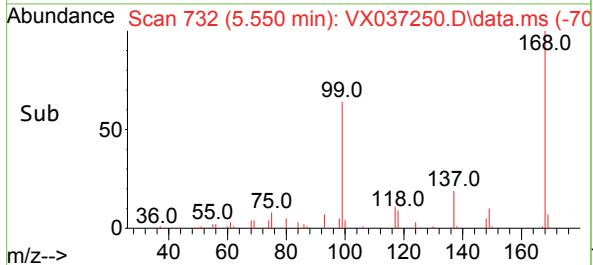
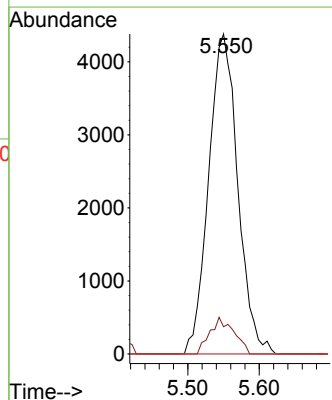
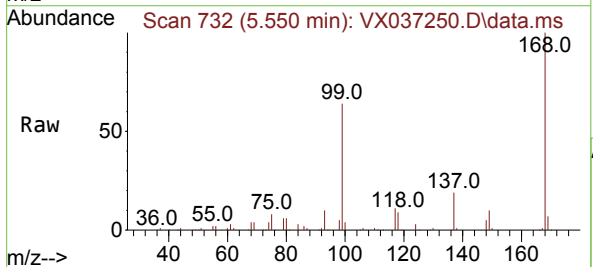
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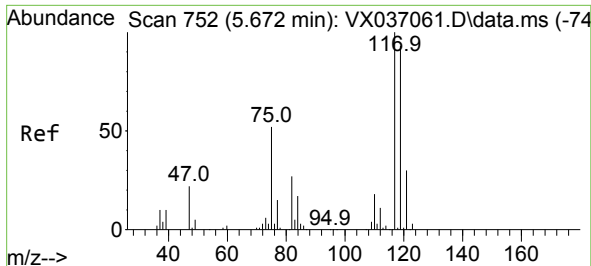
Tgt Ion:113 Resp: 78886
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.110 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037250.D
Acq: 25 Aug 2023 05:59

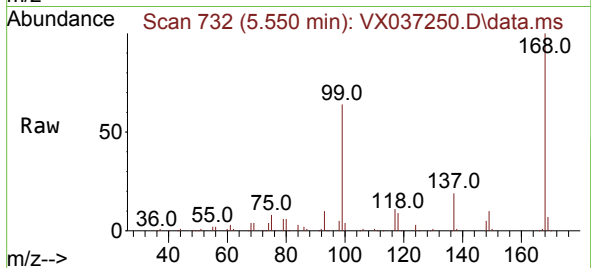
Tgt Ion: 75 Resp: 12387
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



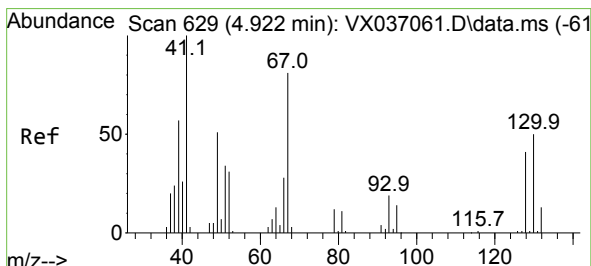
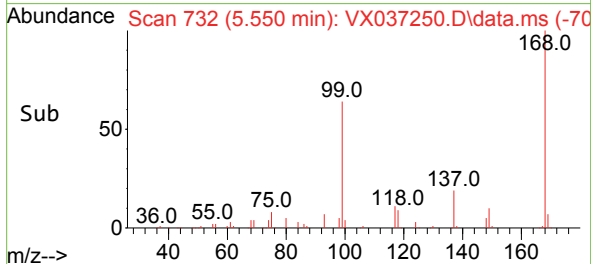
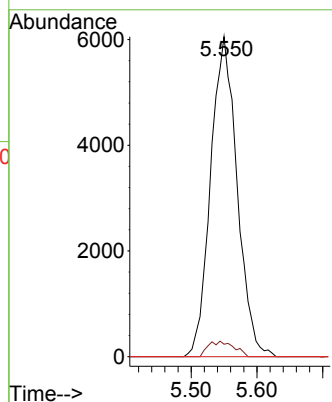


#38
Carbon Tetrachloride
Concen: 6.454 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037250.D
Acq: 25 Aug 2023 05:59

Instrument :
MSVOA_X
ClientSampleId :
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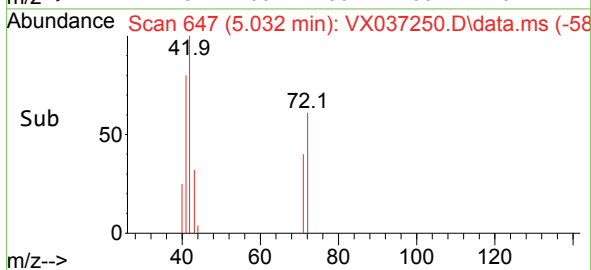
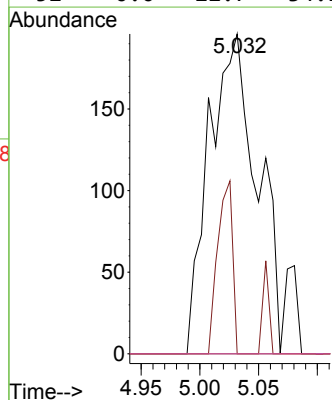
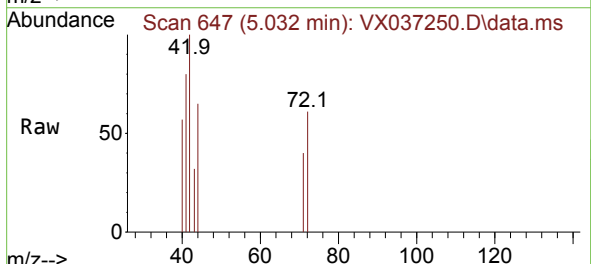


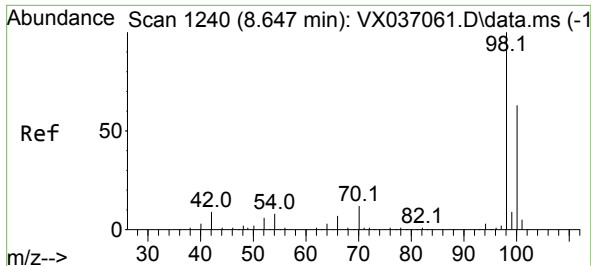
Tgt Ion:117 Resp: 16995
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.433 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.110 min
Lab File: VX037250.D
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Tgt Ion: 41 Resp: 558
Ion Ratio Lower Upper
41 100
39 16.8 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

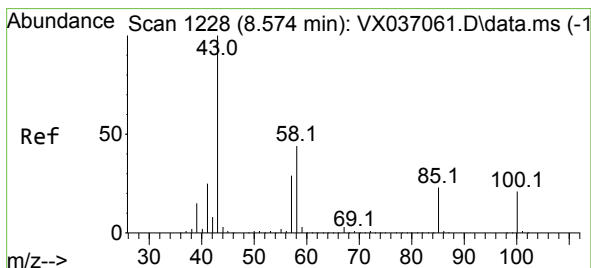
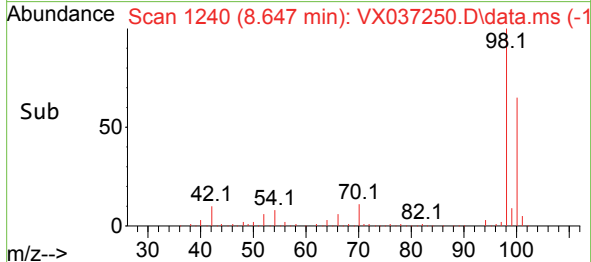
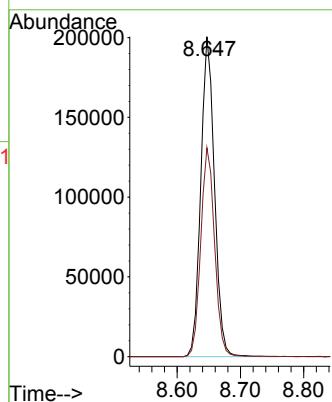
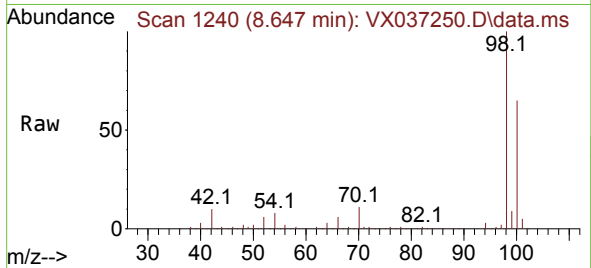




#50
Toluene-d8
Concen: 48.801 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037250.D
Acq: 25 Aug 2023 05:59

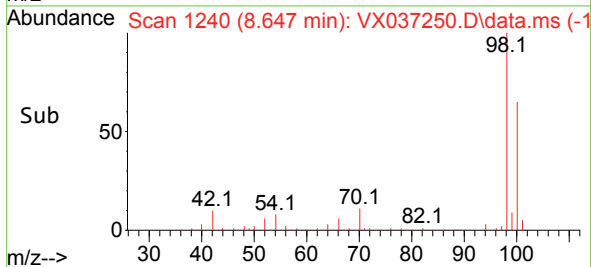
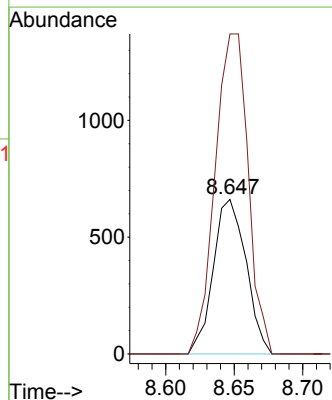
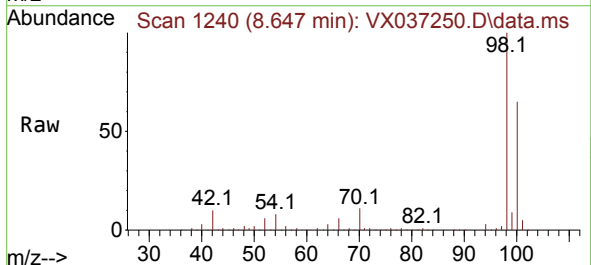
Instrument :
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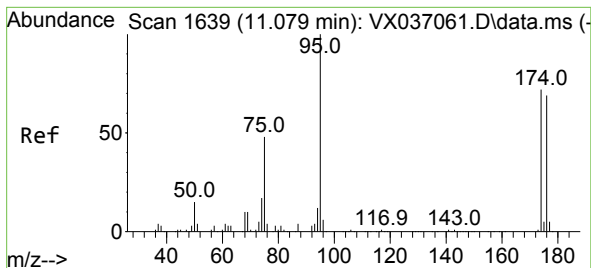
Tgt Ion: 98 Resp: 302024
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.462 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037250.D
Acq: 25 Aug 2023 05:59

Tgt Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
58 208.7 30.4 45.6#

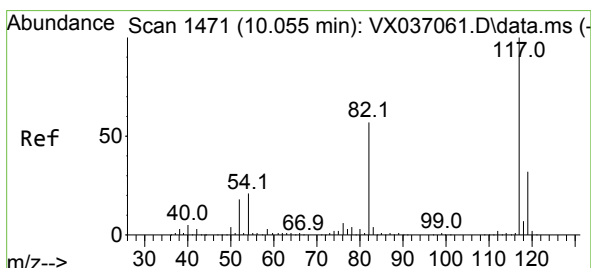
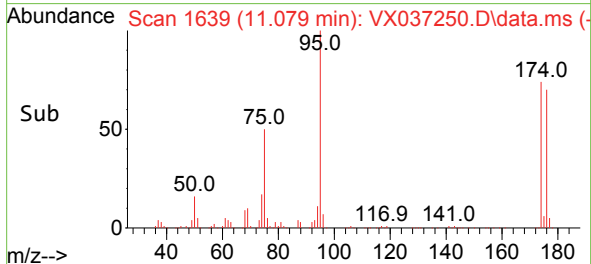
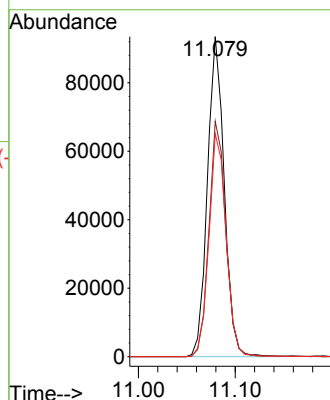
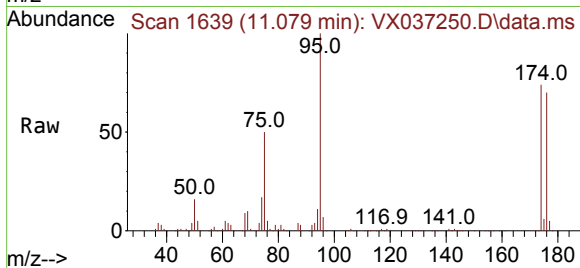




#62
4-Bromofluorobenzene
Concen: 46.469 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037250.D
Acq: 25 Aug 2023 05:59

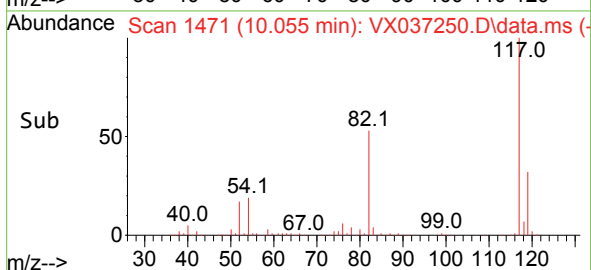
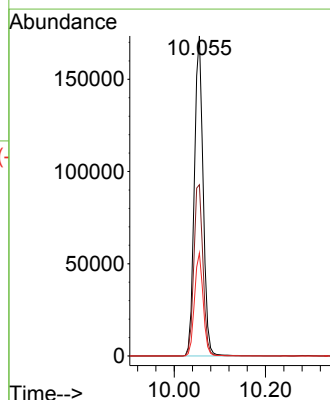
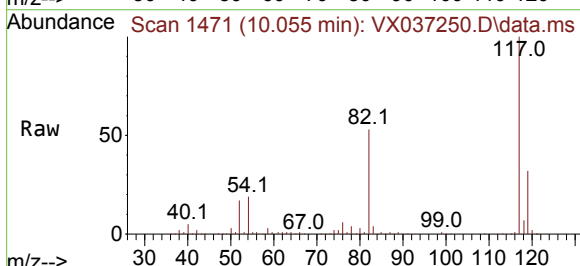
Instrument :
MSVOA_X
ClientSampleId :
FB01-20230818

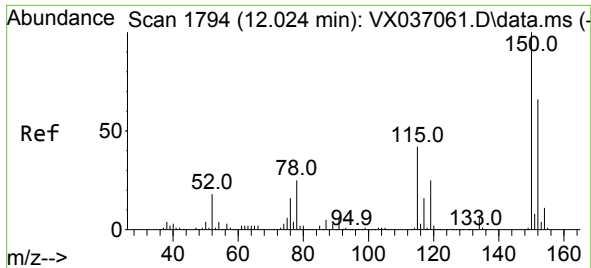
Tgt Ion: 95 Resp: 113019
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037250.D
Acq: 25 Aug 2023 05:59

Tgt Ion: 117 Resp: 231256
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 32.2 25.5 38.3

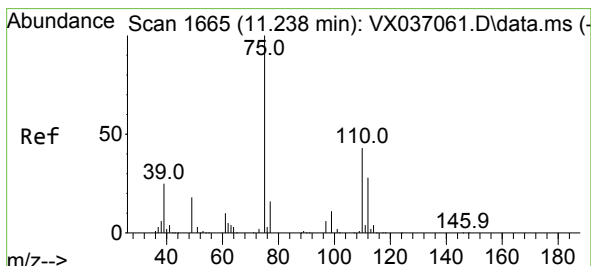
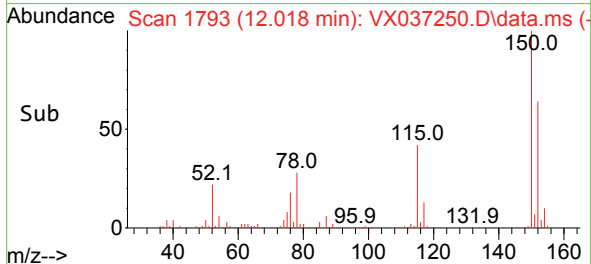
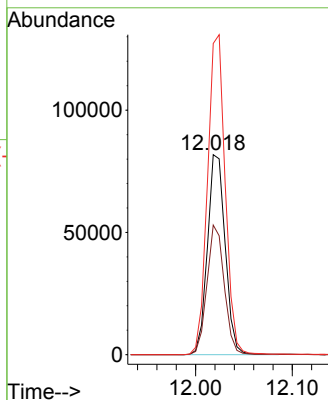
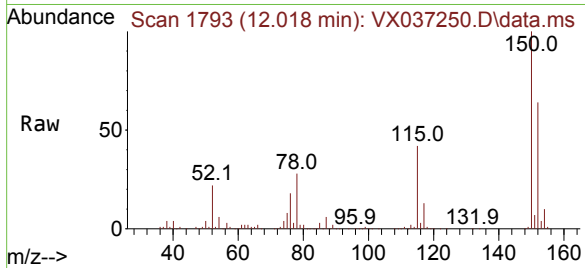




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX037250.D
 Acq: 25 Aug 2023 05:59

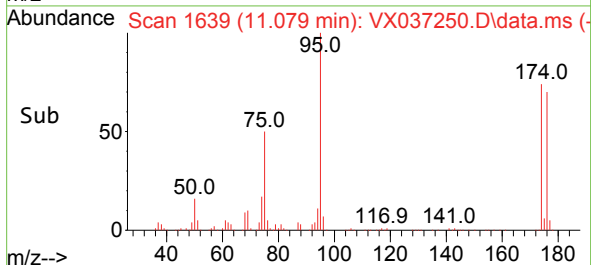
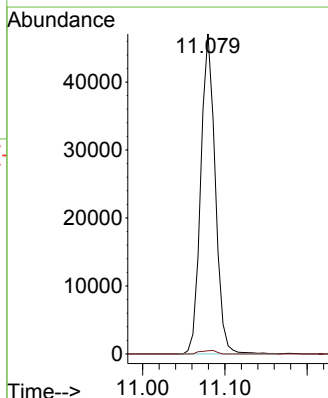
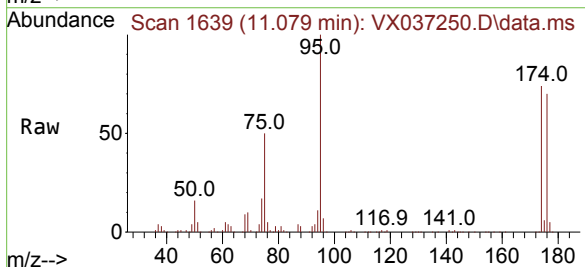
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20230818

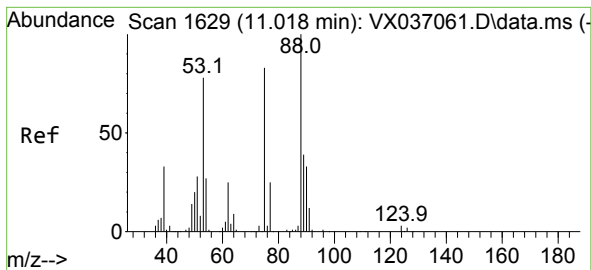
Tgt Ion:152 Resp: 104684
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 159.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.872 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX037250.D
 Acq: 25 Aug 2023 05:59

Tgt Ion: 75 Resp: 57680
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.262 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037250.D
 Acq: 25 Aug 2023 05:59

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20230818

Tgt Ion: 75 Resp: 57680
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

