

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037246.D
 Acq On : 25 Aug 2023 04:23
 Operator : JC/MD
 Sample : 04096-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 25 07:45:39 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

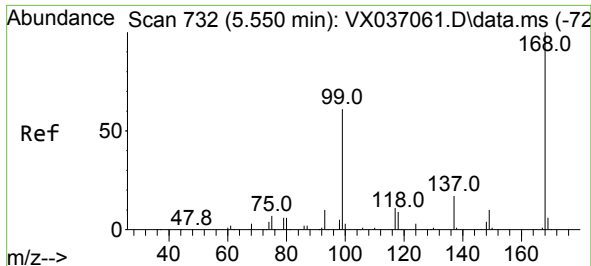
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	152252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97195	44.280	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.560%
35) Dibromofluoromethane	5.385	113	76891	46.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.860%
50) Toluene-d8	8.647	98	292930	48.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	109250	46.273	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	379	0.245	ug/l #	83
11) Tert butyl alcohol	2.940	59	2234	4.339	ug/l #	78
14) Allyl chloride	2.538	41	694	0.286	ug/l #	75
16) Acetone	2.380	43	1076	1.253	ug/l #	89
18) Methyl Acetate	2.544	43	1926	0.596	ug/l #	53
19) Methyl tert-butyl Ether	3.117	73	2235	0.376	ug/l	94
20) Methylene Chloride	2.788	84	409	0.213	ug/l #	81
24) 1,1-Dichloroethane	3.611	63	1846	0.591	ug/l #	93
31) Cyclohexane	5.550	56	2895	1.173	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	12155	5.166	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16462	6.440	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1105	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55630	25.787	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55630	72.023	ug/l #	5

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

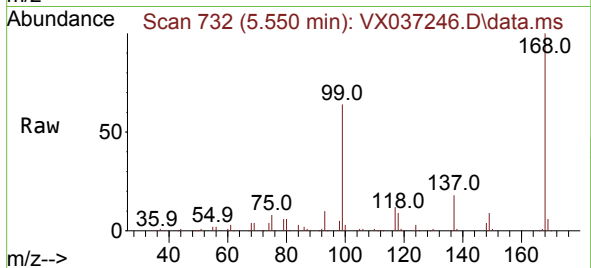
Quant Time: Aug 25 07:45:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



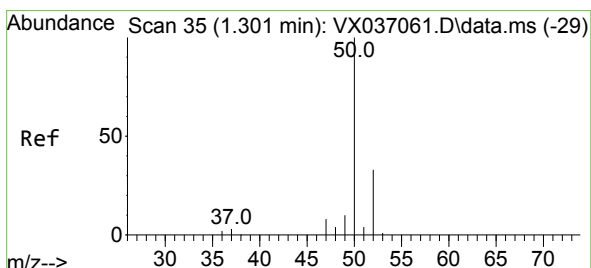
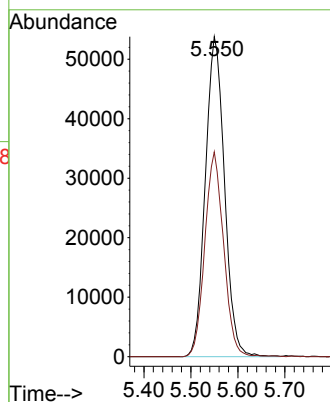
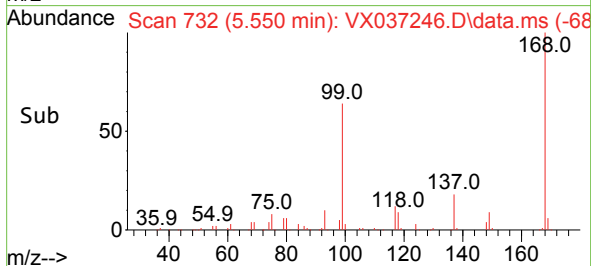


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Instrument :
MSVOA_X
ClientSampleId :

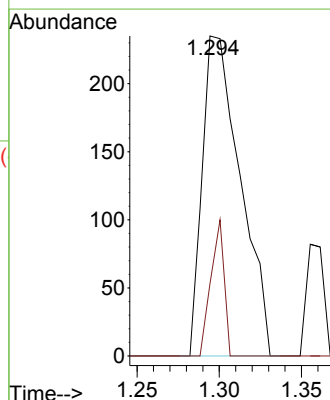
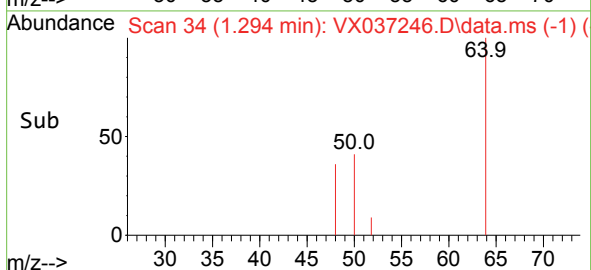
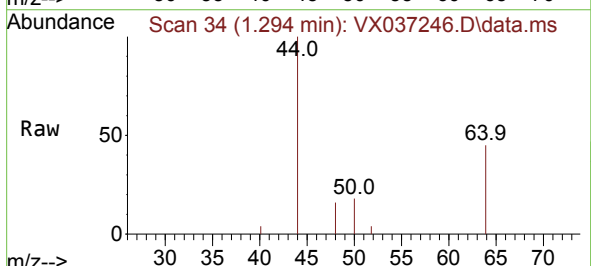


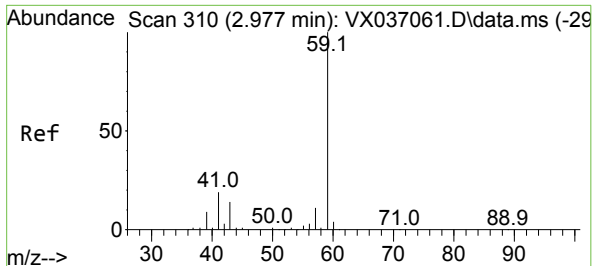
Tgt Ion:168 Resp: 152252
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#3
Chloromethane
Concen: 0.245 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 22.6 25.5 38.3#





#11

Tert butyl alcohol

Concen: 4.339 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.037 min

Lab File: VX037246.D

Acq: 25 Aug 2023 04:23

Instrument :

MSVOA_X

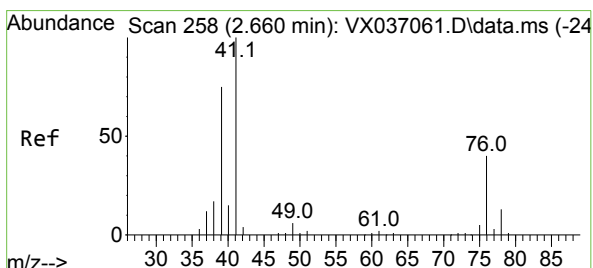
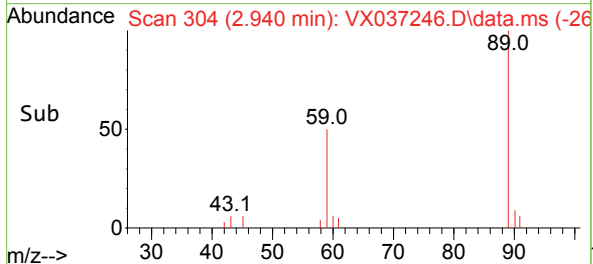
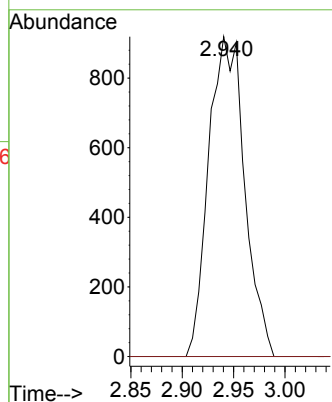
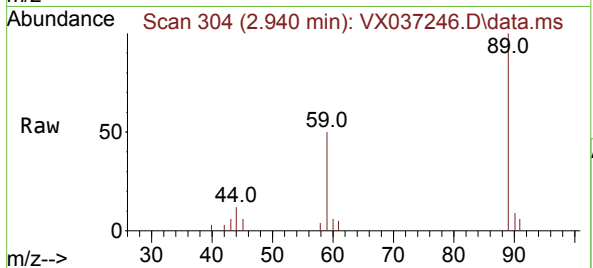
ClientSampleId :

Tgt Ion: 59 Resp: 2234

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.286 ug/l

RT: 2.538 min Scan# 238

Delta R.T. -0.122 min

Lab File: VX037246.D

Acq: 25 Aug 2023 04:23

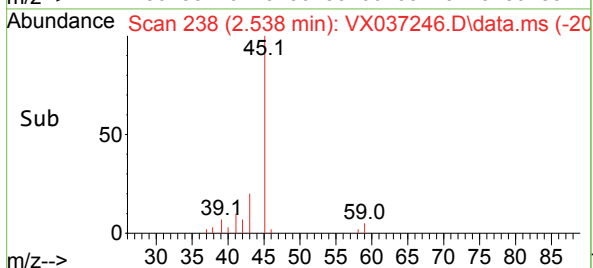
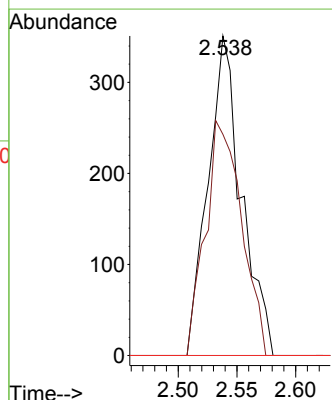
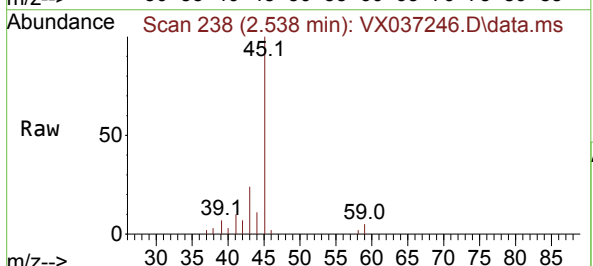
Tgt Ion: 41 Resp: 694

Ion Ratio Lower Upper

41 100

39 79.5 55.8 83.6

76 0.0 24.3 36.5#

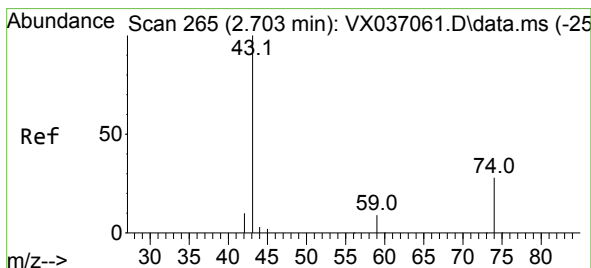
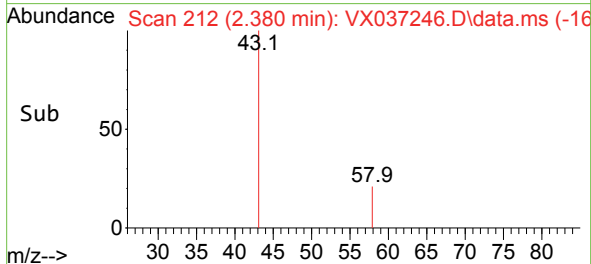
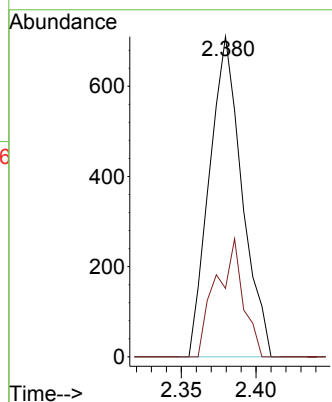
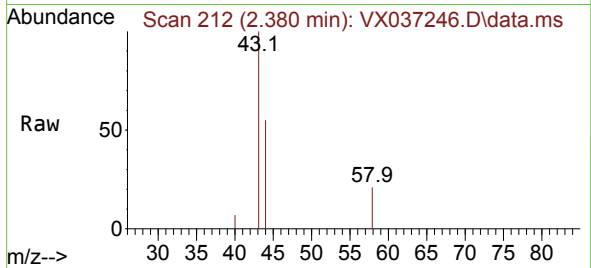




#16
Acetone
Concen: 1.253 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

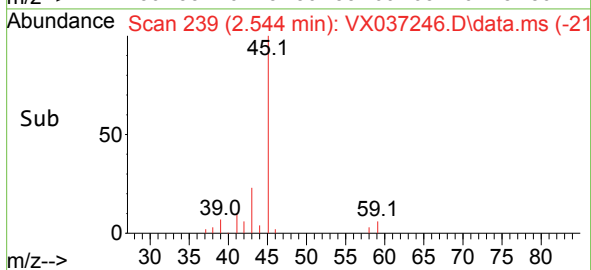
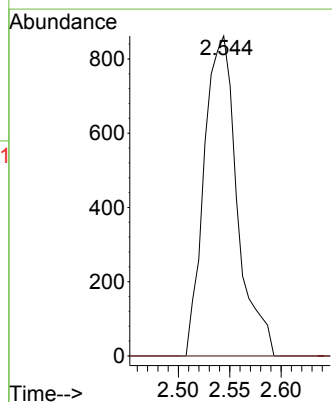
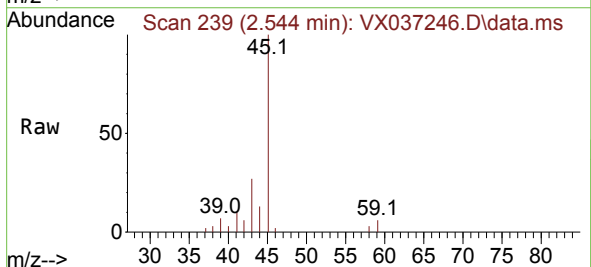
Instrument :
MSVOA_X
ClientSampleId :

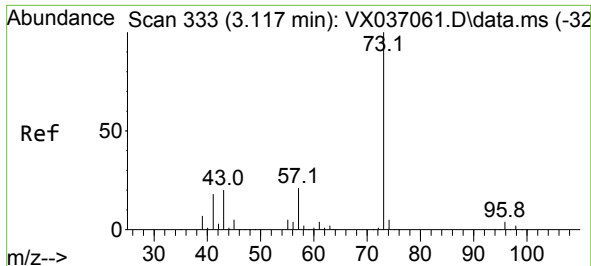
Tgt Ion: 43 Resp: 1076
Ion Ratio Lower Upper
43 100
58 21.4 21.9 32.9#



#18
Methyl Acetate
Concen: 0.596 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.159 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

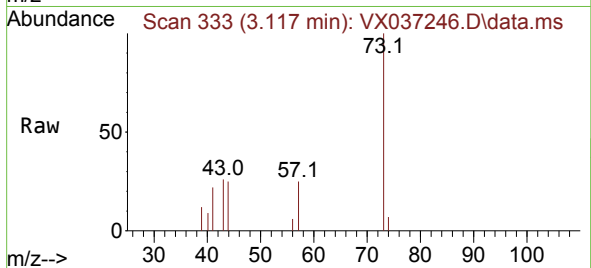
Tgt Ion: 43 Resp: 1926
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



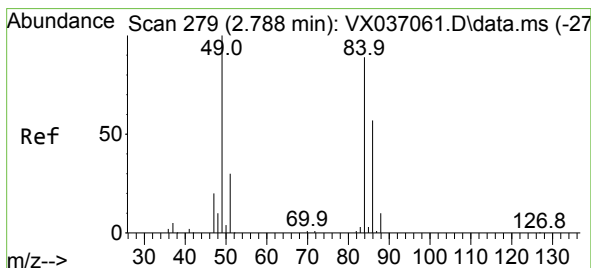
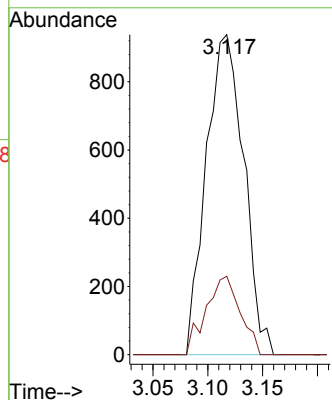
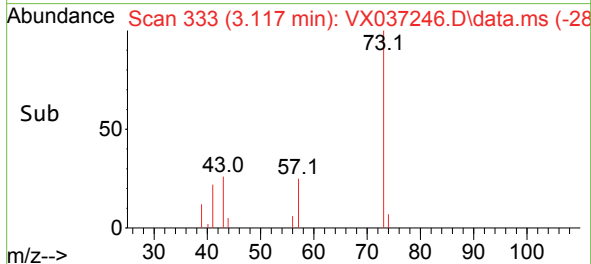


#19
Methyl tert-butyl Ether
Concen: 0.376 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Instrument :
MSVOA_X
ClientSampleId :

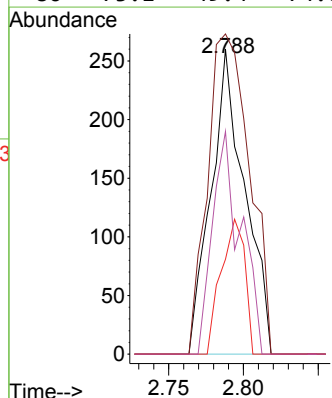
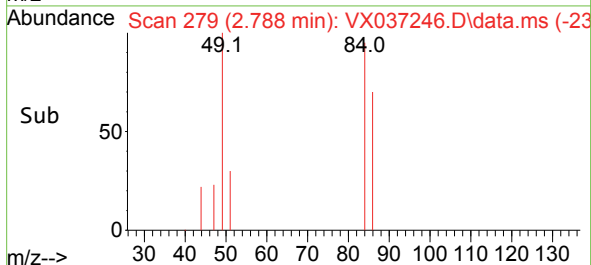
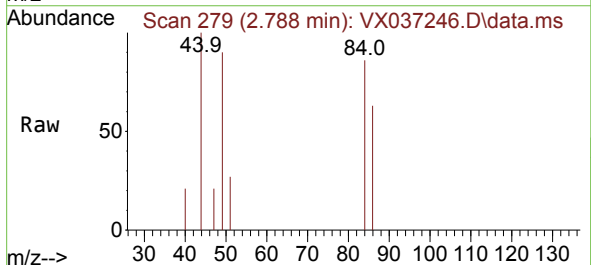


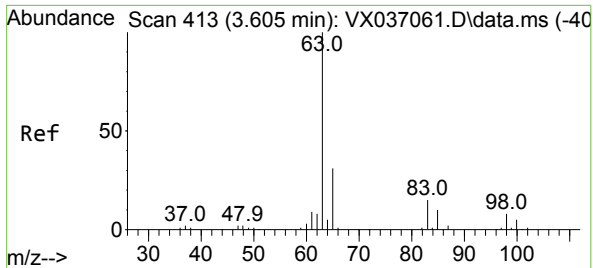
Tgt Ion: 73 Resp: 2235
Ion Ratio Lower Upper
73 100
57 24.5 17.3 25.9



#20
Methylene Chloride
Concen: 0.213 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Tgt Ion: 84 Resp: 409
Ion Ratio Lower Upper
84 100
49 105.0 103.6 155.4
51 31.2 33.8 50.6#
86 73.1 49.4 74.0

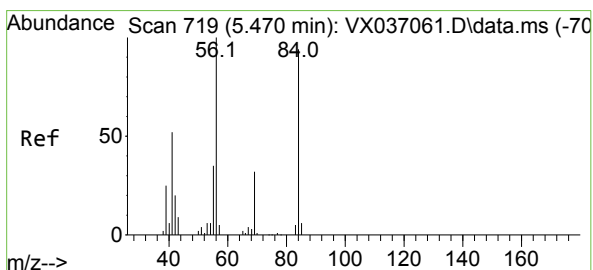
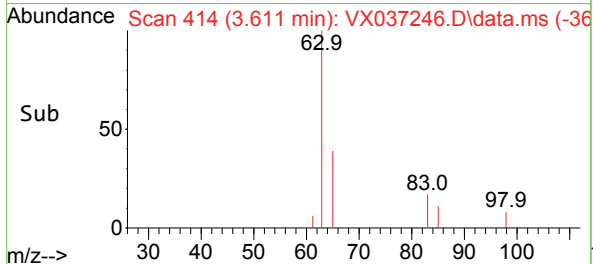
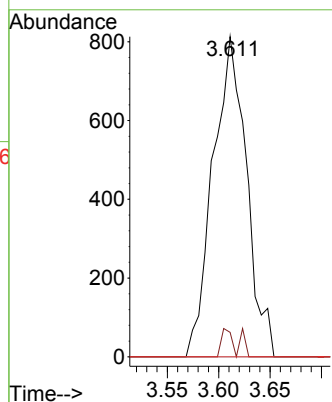
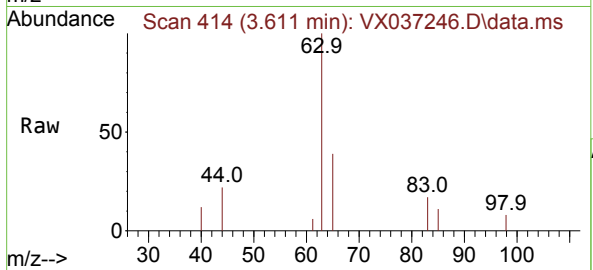




#24
1,1-Dichloroethane
Concen: 0.591 ug/l
RT: 3.611 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

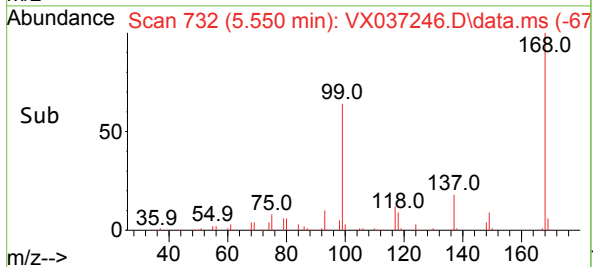
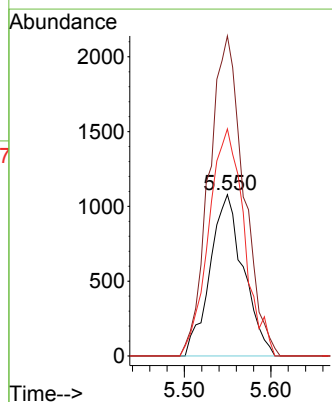
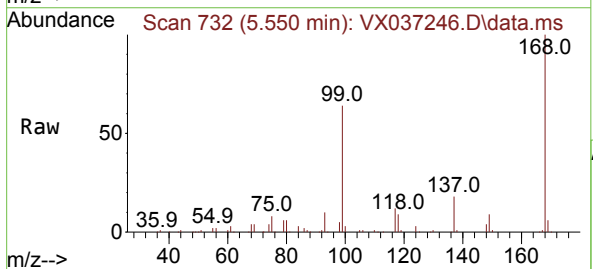
Instrument :
MSVOA_X
ClientSampleId :

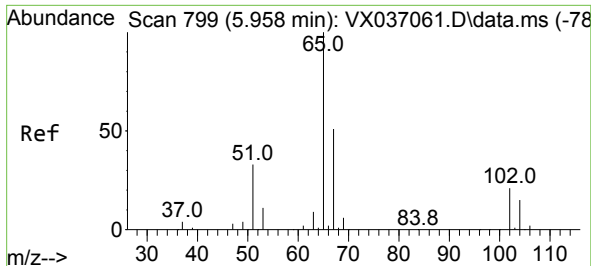
Tgt Ion: 63 Resp: 1846
Ion Ratio Lower Upper
63 100
98 7.6 3.3 9.8
100 0.0 2.1 6.5#



#31
Cyclohexane
Concen: 1.173 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Tgt Ion: 56 Resp: 2895
Ion Ratio Lower Upper
56 100
69 198.4 23.4 35.2#
84 140.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.280 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037246.D

Acq: 25 Aug 2023 04:23

Instrument :

MSVOA_X

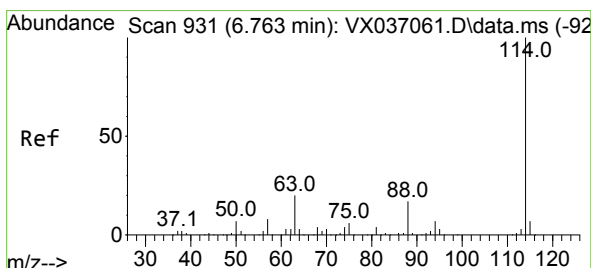
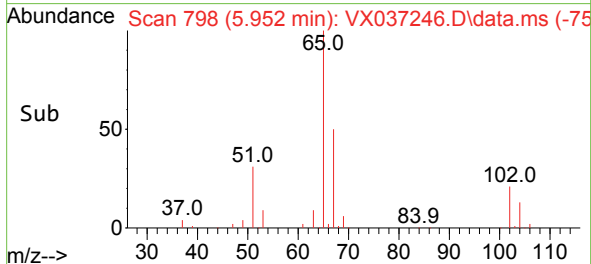
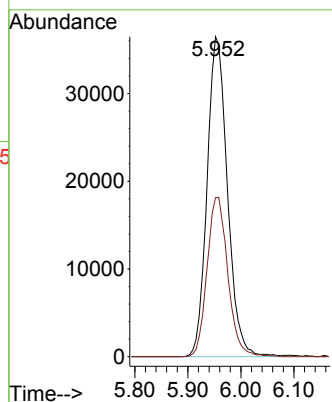
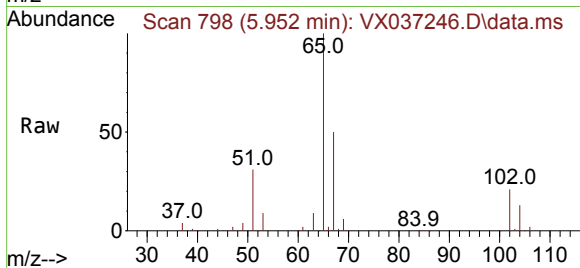
ClientSampleId :

Tgt Ion: 65 Resp: 97195

Ion Ratio Lower Upper

65 100

67 50.8 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: VX037246.D

Acq: 25 Aug 2023 04:23

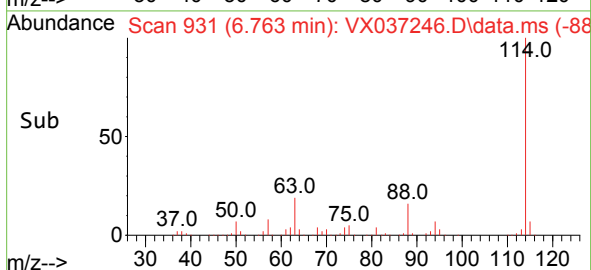
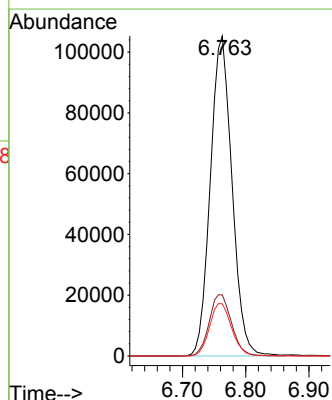
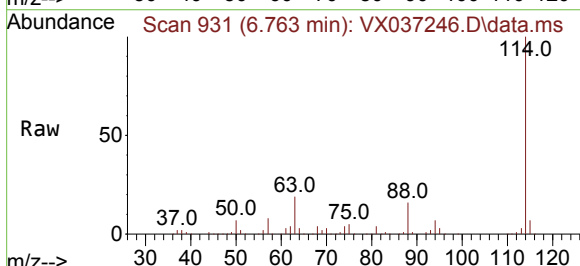
Tgt Ion: 114 Resp: 250081

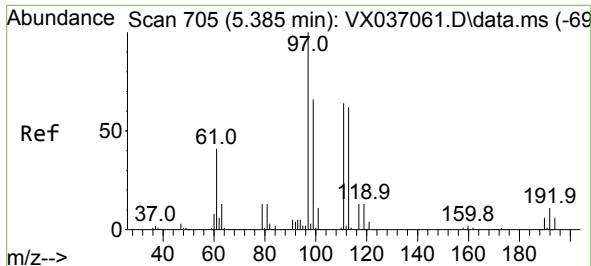
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

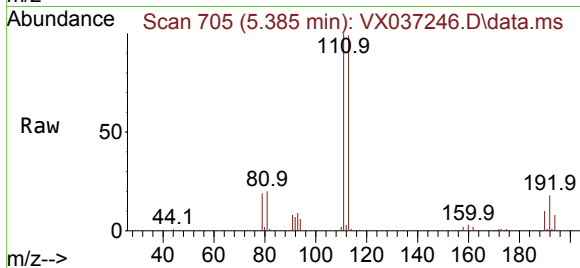
88 16.3 0.0 36.6



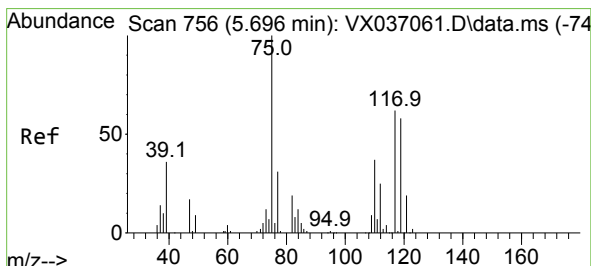
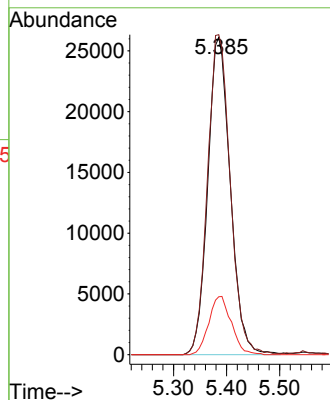
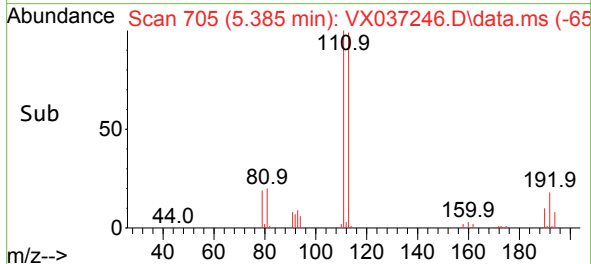


#35
Dibromofluoromethane
Concen: 46.425 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Instrument :
MSVOA_X
ClientSampleId :

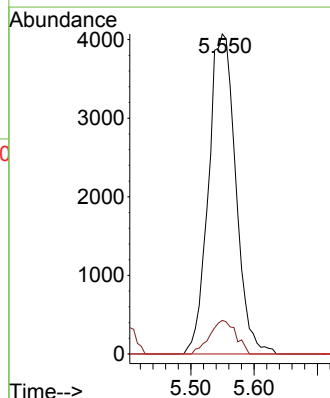
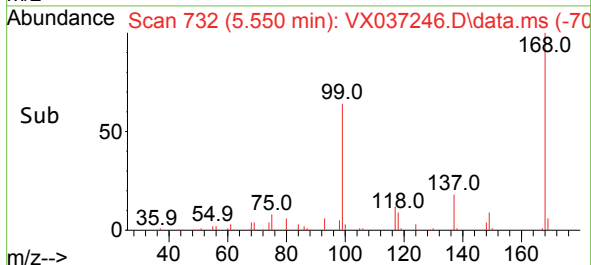
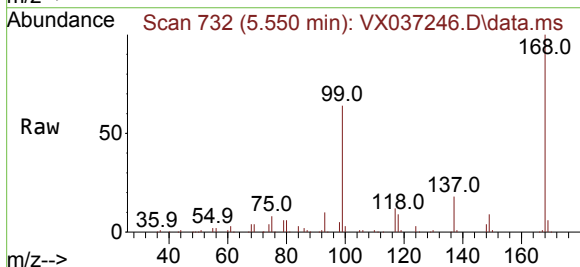


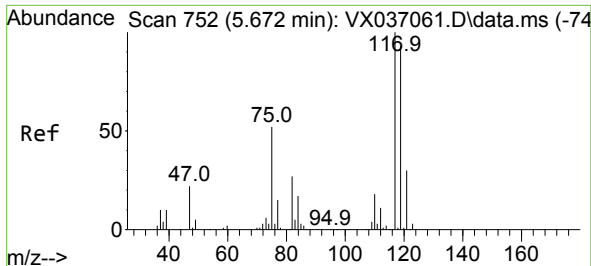
Tgt Ion:113 Resp: 76891
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.166 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

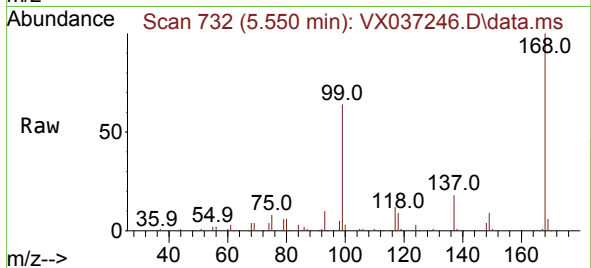
Tgt Ion: 75 Resp: 12155
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



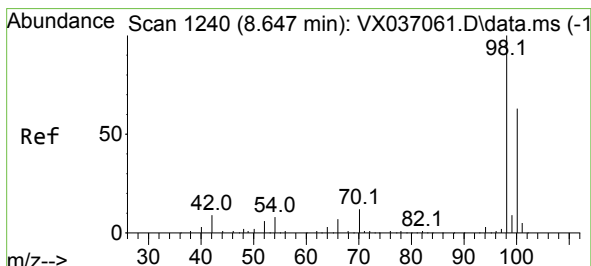
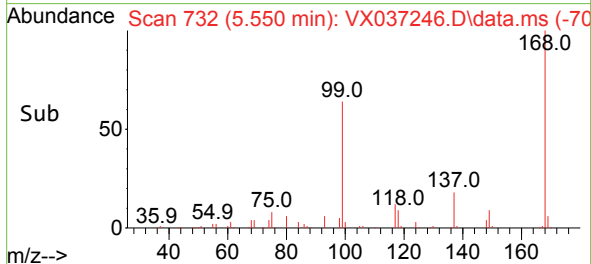
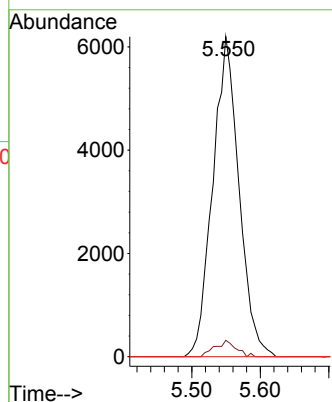


#38
Carbon Tetrachloride
Concen: 6.440 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Instrument :
MSVOA_X
ClientSampleId :

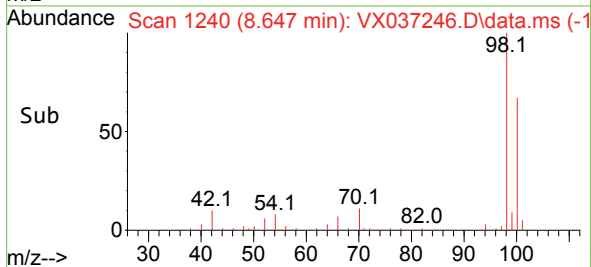
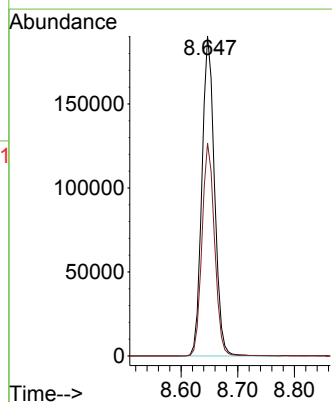
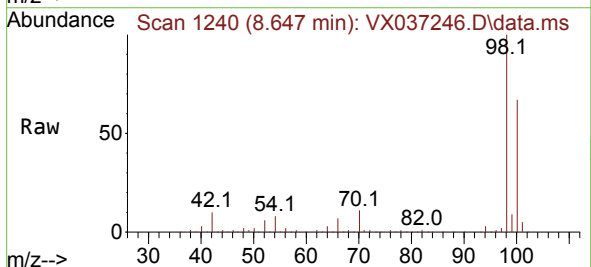


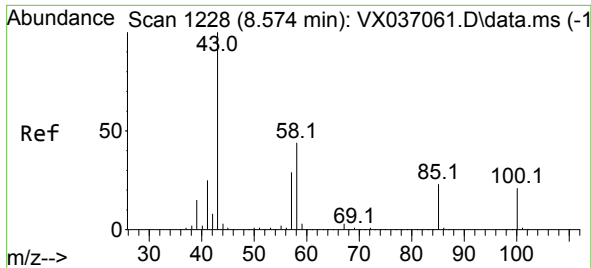
Tgt Ion:117 Resp: 16462
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.759 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Tgt Ion: 98 Resp: 292930
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

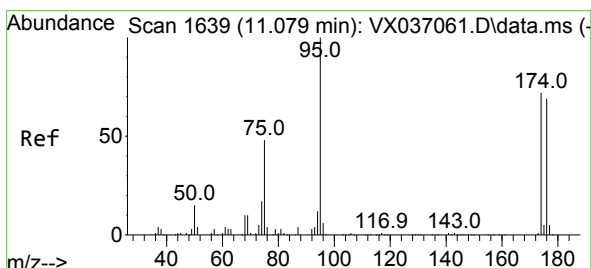
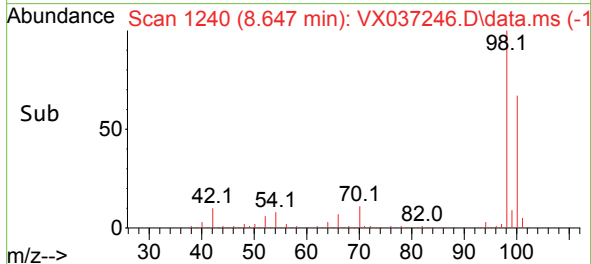
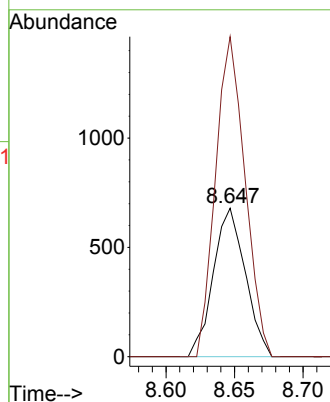
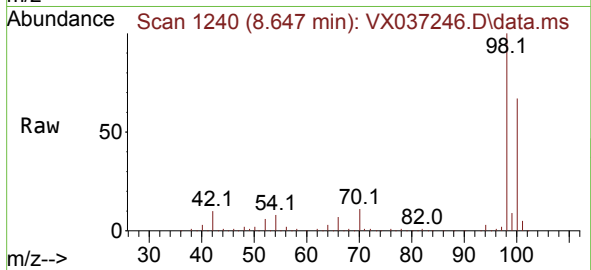




#51
4-Methyl-2-Pentanone
Concen: 0.477 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

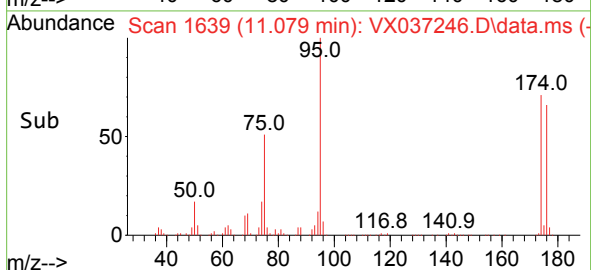
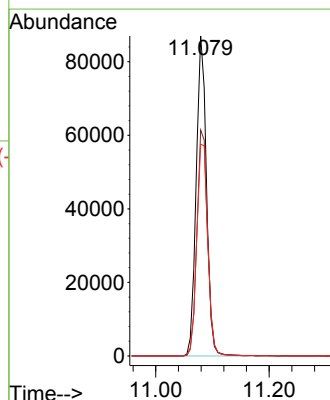
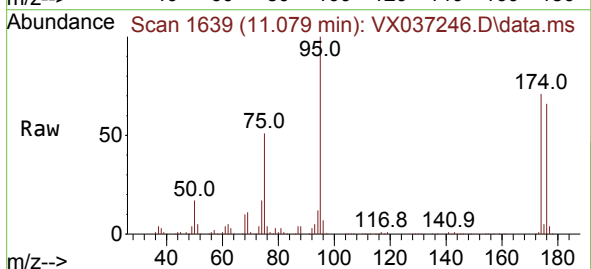
Instrument :
MSVOA_X
ClientSampleId :

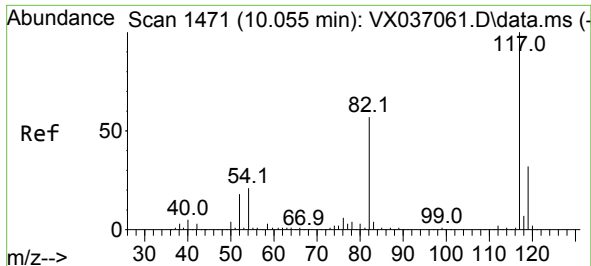
Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
58 197.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Tgt Ion: 95 Resp: 109250
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 71.1 0.0 131.0

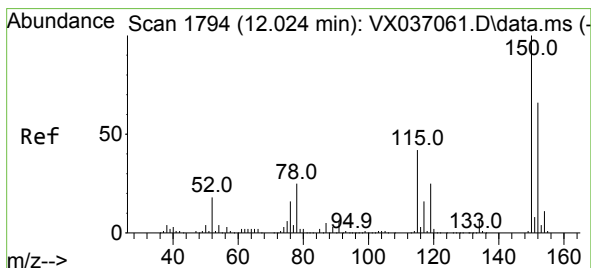
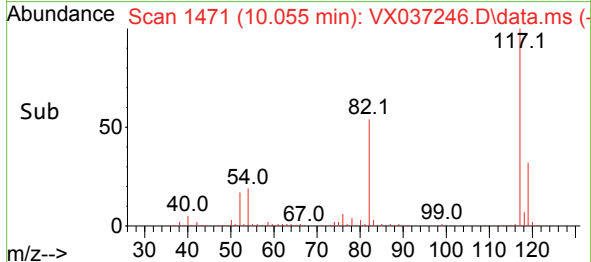
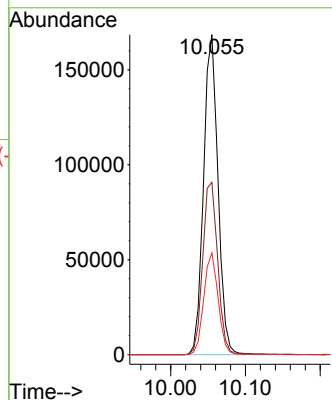
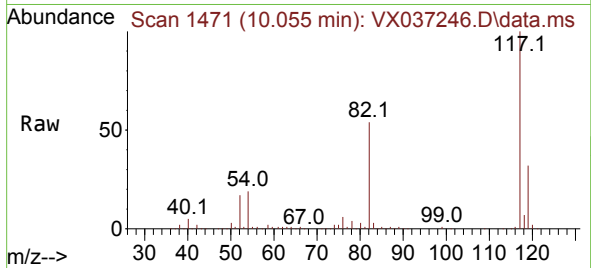




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

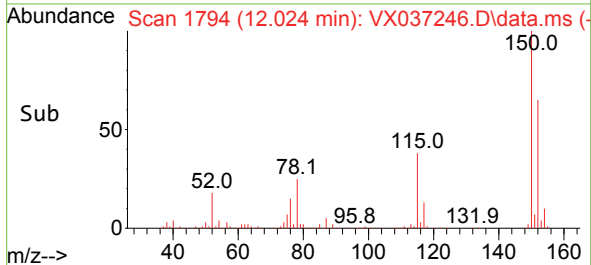
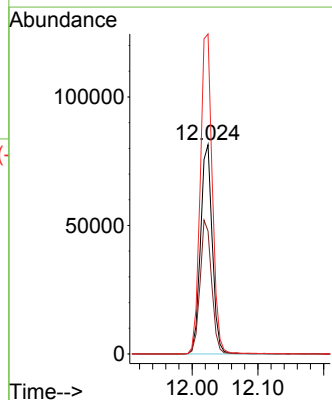
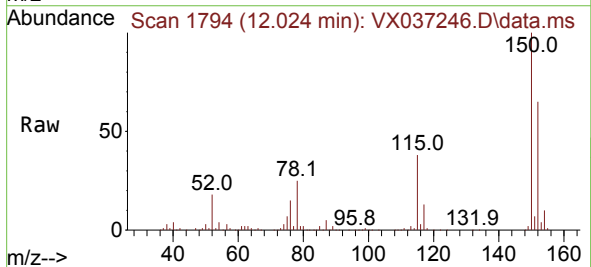
Instrument :
MSVOA_X
ClientSampleId :

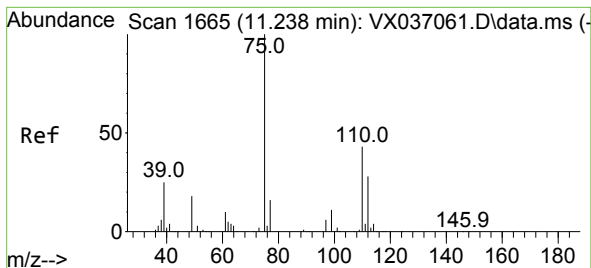
Tgt Ion:117 Resp: 226312
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037246.D
Acq: 25 Aug 2023 04:23

Tgt Ion:152 Resp: 101298
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.787 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX037246.D

Acq: 25 Aug 2023 04:23

Instrument :

MSVOA_X

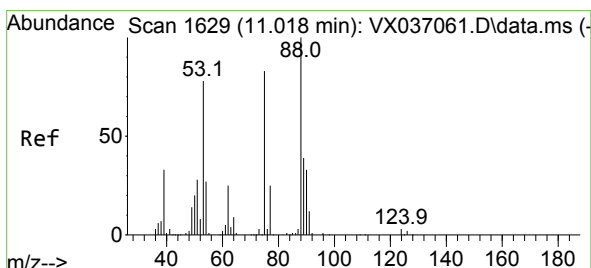
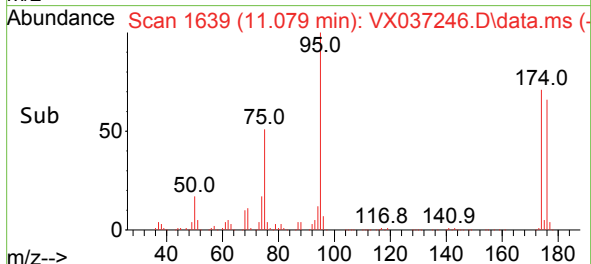
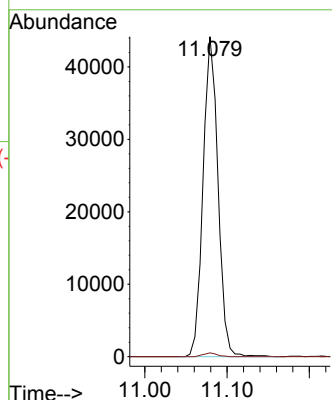
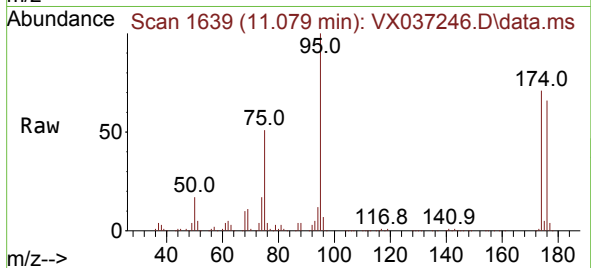
ClientSampleId :

Tgt Ion: 75 Resp: 55630

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.023 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037246.D

Acq: 25 Aug 2023 04:23

Tgt Ion: 75 Resp: 55630

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

