

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037830.D
 Acq On : 20 Sep 2023 13:56
 Operator : JC/MD
 Sample : 04526-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 21 05:56:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

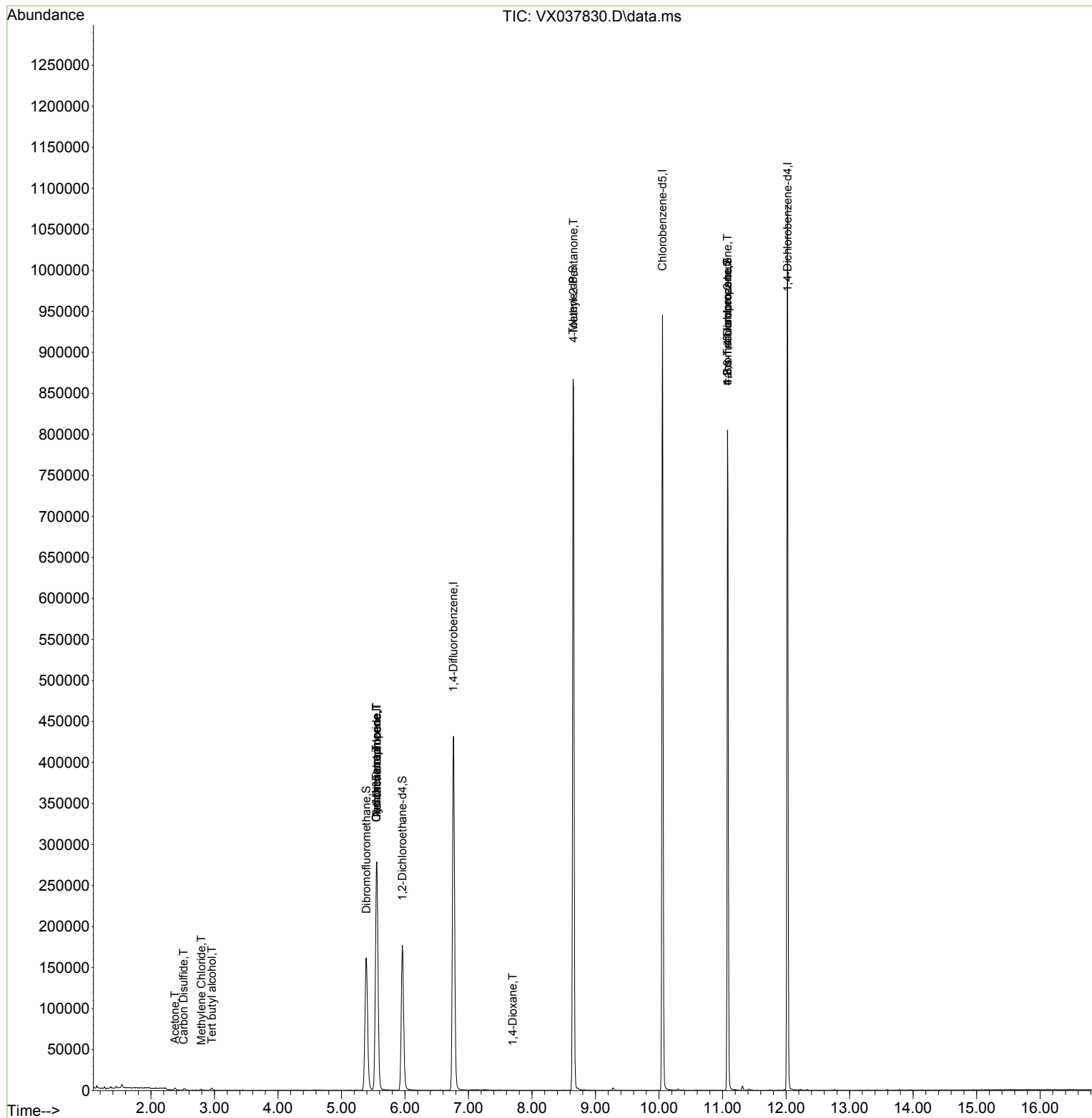
Internal Standards						
1) Pentafluorobenzene	5.556	168	268468	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	451599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	434104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165853	47.020	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.040%		
35) Dibromofluoromethane	5.391	113	142215	47.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	8.647	98	545776	48.611	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.220%		
62) 4-Bromofluorobenzene	11.079	95	205108	50.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.540%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	2937	3.879	ug/l	100
16) Acetone	2.380	43	2942	1.734	ug/l	95
17) Carbon Disulfide	2.514	76	1482	0.226	ug/l #	93
20) Methylene Chloride	2.794	84	769	0.220	ug/l #	75
31) Cyclohexane	5.550	56	5556	1.227	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20207	4.855	ug/l #	51
38) Carbon Tetrachloride	5.550	117	27197	6.245	ug/l #	15
49) 1,4-Dioxane	7.696	88	65	0.709	ug/l #	12
51) 4-Methyl-2-Pentanone	8.653	43	2241	0.483	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	106020	20.401	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	106020	65.353	ug/l #	5

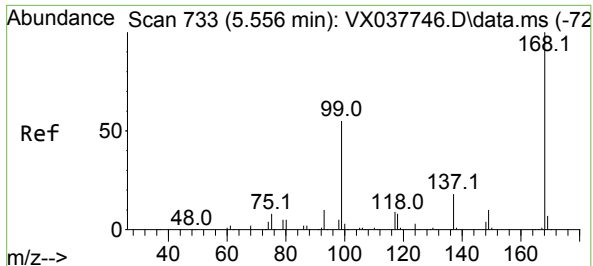
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
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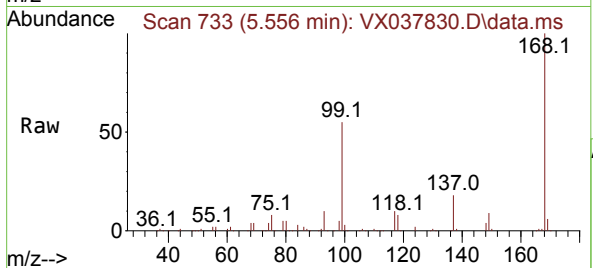
Quant Time: Sep 21 05:56:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



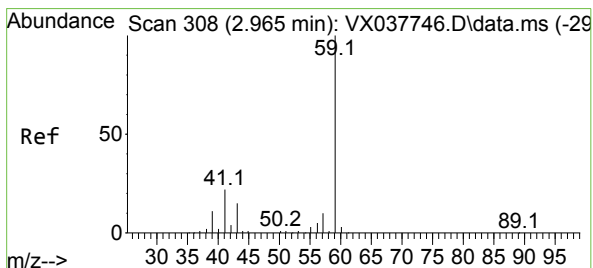
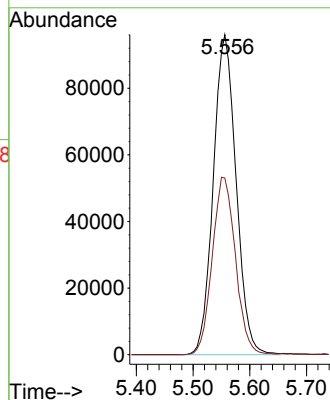
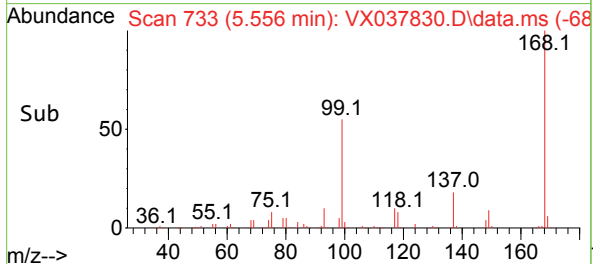


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :

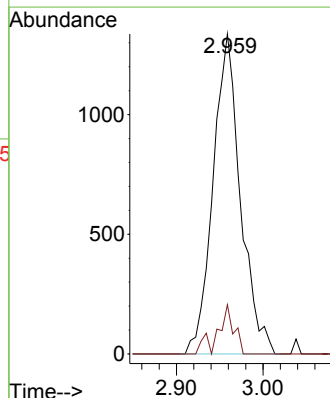
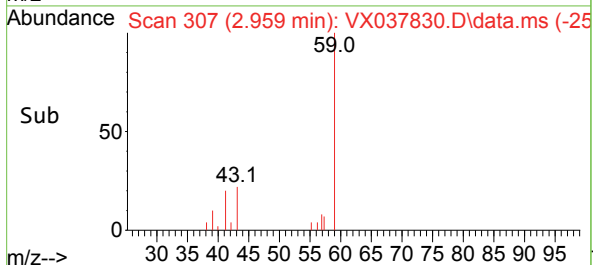
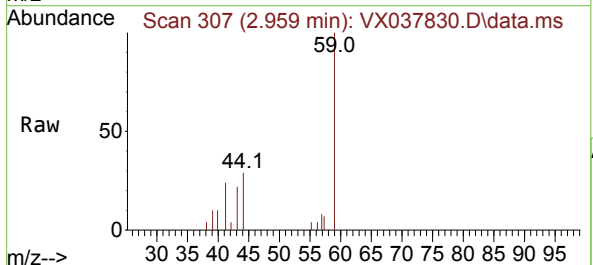


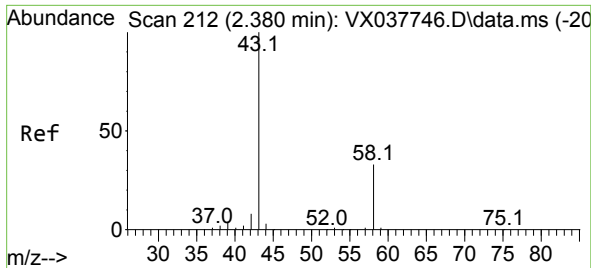
Tgt Ion:168 Resp: 268468
Ion Ratio Lower Upper
168 100
99 55.2 56.6 85.0#



#11
Tert butyl alcohol
Concen: 3.879 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

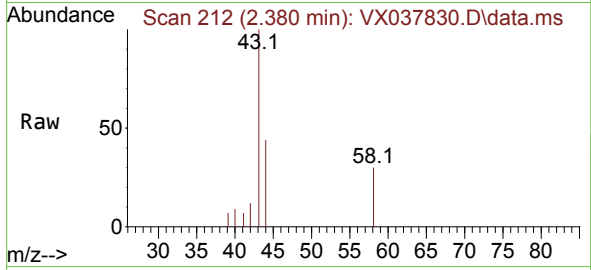
Tgt Ion: 59 Resp: 2937
Ion Ratio Lower Upper
59 100
57 7.5 6.0 9.0



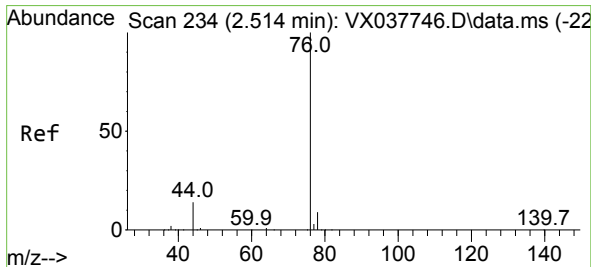
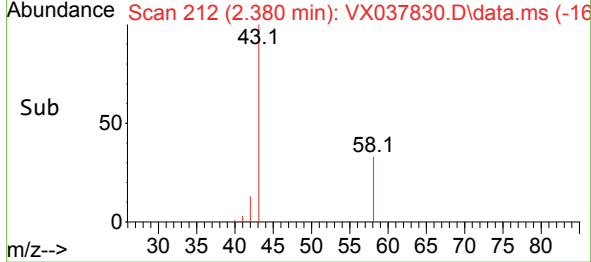
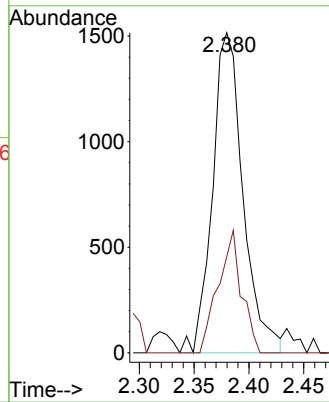


#16
Acetone
Concen: 1.734 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :

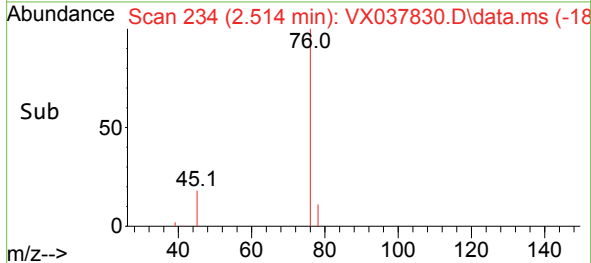
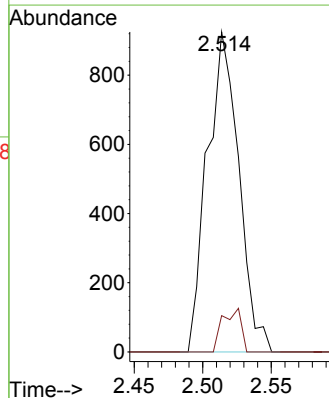
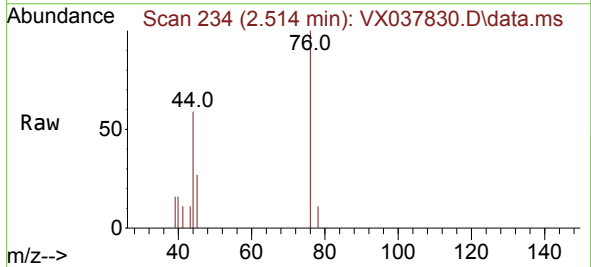


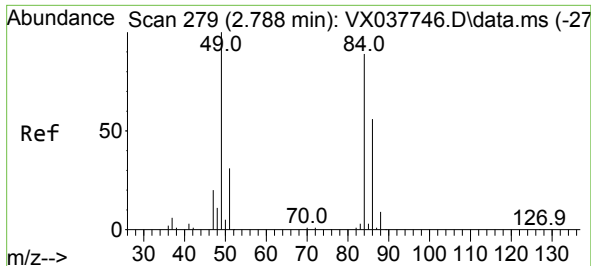
Tgt Ion: 43 Resp: 2942
Ion Ratio Lower Upper
43 100
58 30.0 21.9 32.9



#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

Tgt Ion: 76 Resp: 1482
Ion Ratio Lower Upper
76 100
78 11.4 7.0 10.6#





#20

Methylene Chloride

Concen: 0.220 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

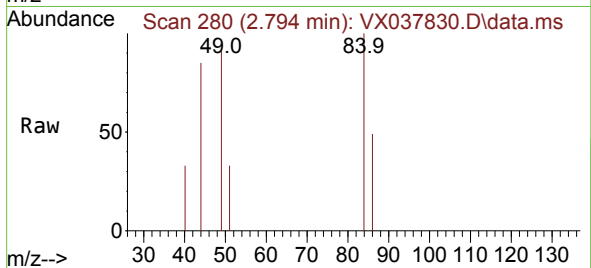
Lab File: VX037830.D

Acq: 20 Sep 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 769

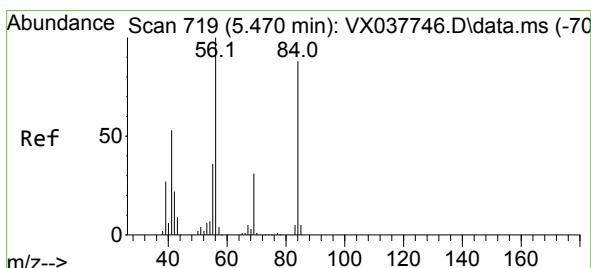
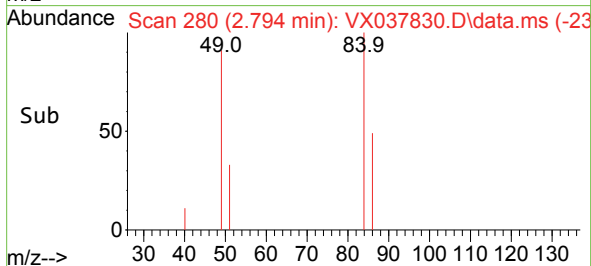
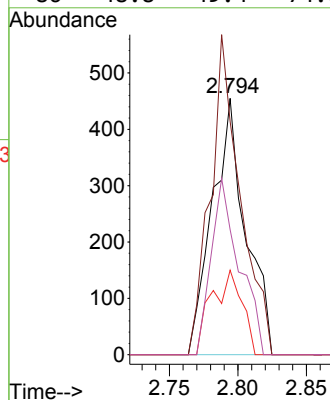
Ion Ratio Lower Upper

84 100

49 91.0 103.6 155.4#

51 33.0 33.8 50.6#

86 48.8 49.4 74.0#



#31

Cyclohexane

Concen: 1.227 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037830.D

Acq: 20 Sep 2023 13:56

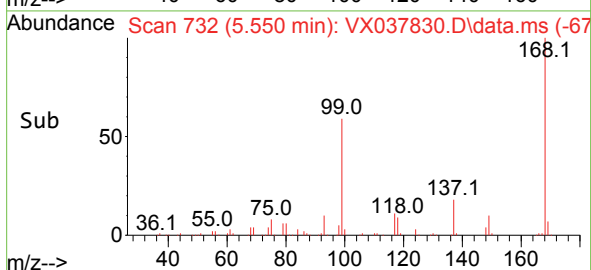
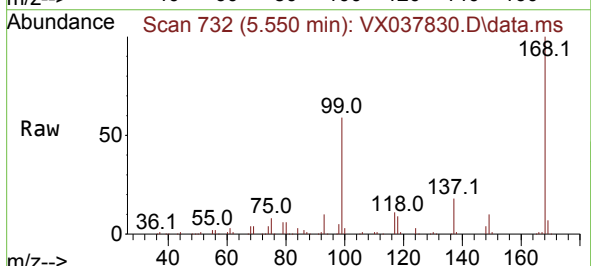
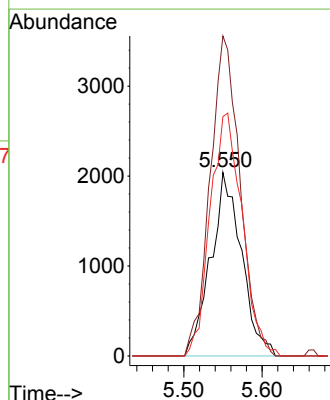
Tgt Ion: 56 Resp: 5556

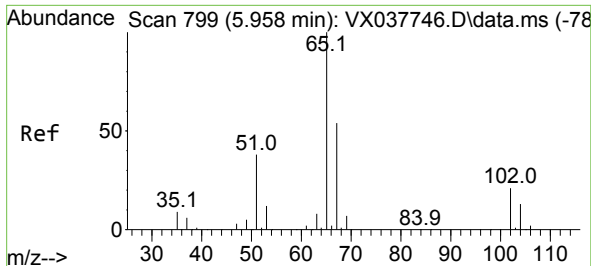
Ion Ratio Lower Upper

56 100

69 174.3 23.4 35.2#

84 130.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.020 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037830.D

Acq: 20 Sep 2023 13:56

Instrument :

MSVOA_X

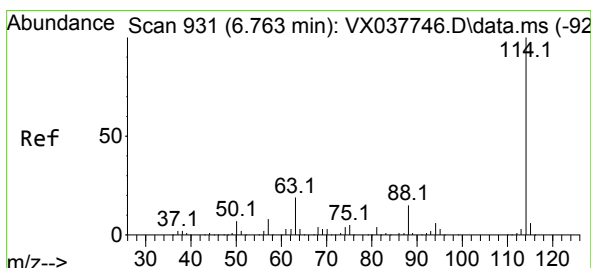
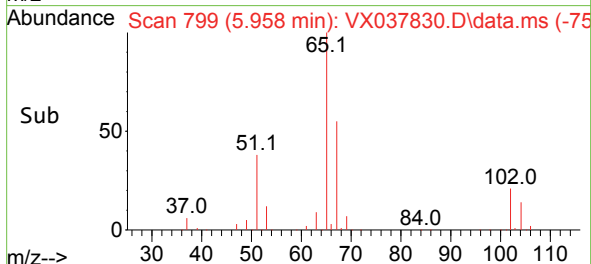
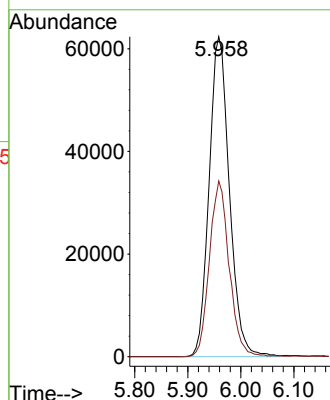
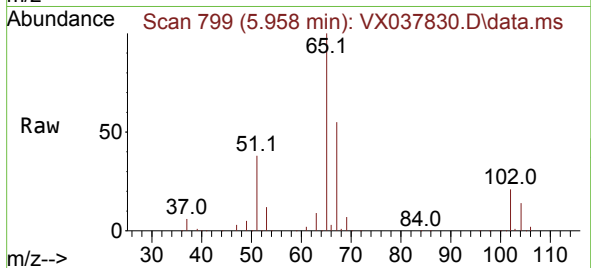
ClientSampleId :

Tgt Ion: 65 Resp: 165853

Ion Ratio Lower Upper

65 100

67 53.4 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: VX037830.D

Acq: 20 Sep 2023 13:56

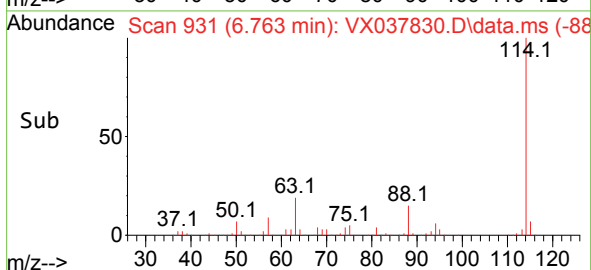
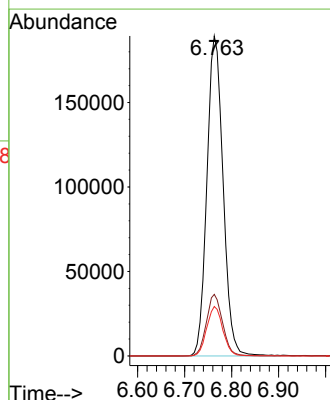
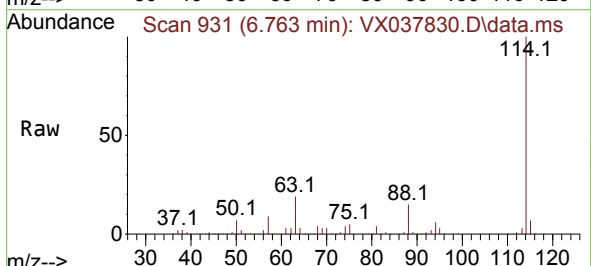
Tgt Ion:114 Resp: 451599

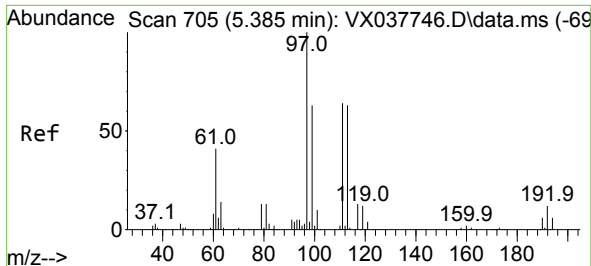
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

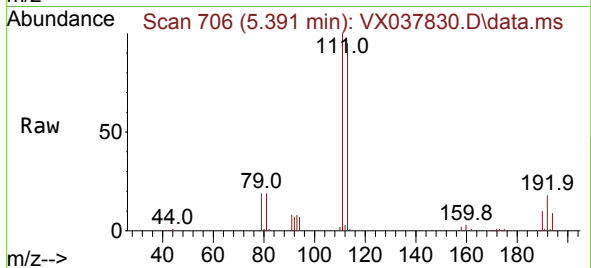
88 15.4 0.0 36.6



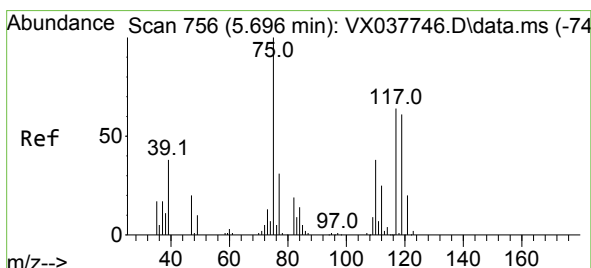
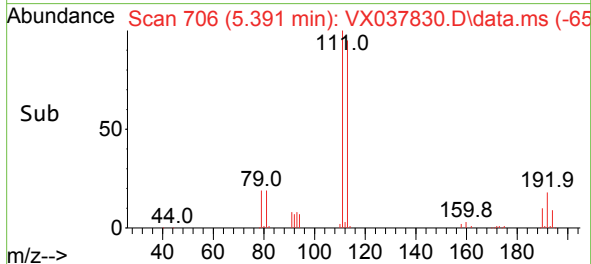
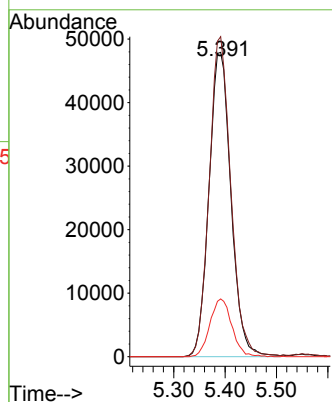


#35
Dibromofluoromethane
Concen: 47.065 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :

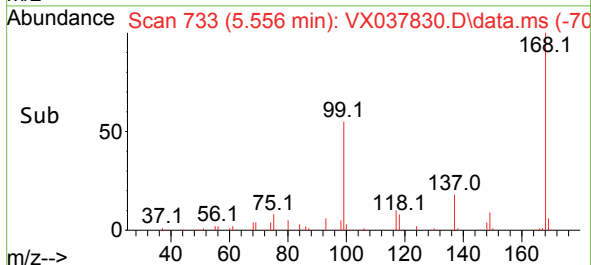
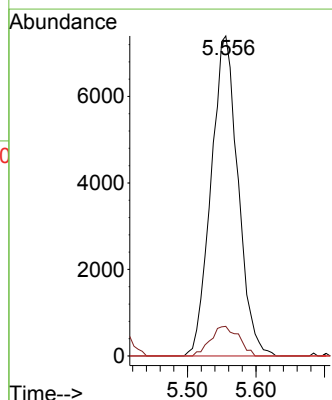
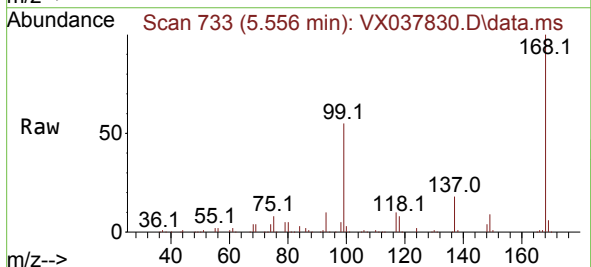


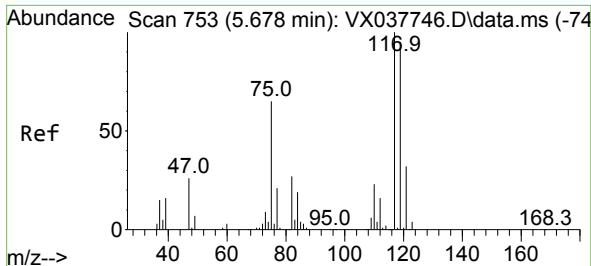
Tgt Ion:113 Resp: 142215
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

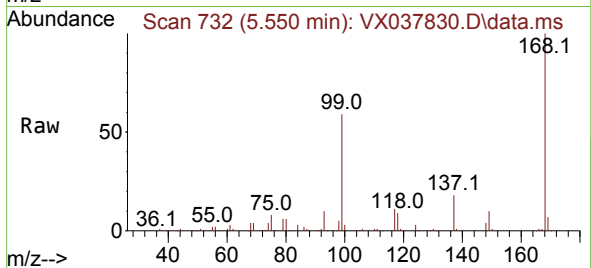
Tgt Ion: 75 Resp: 20207
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



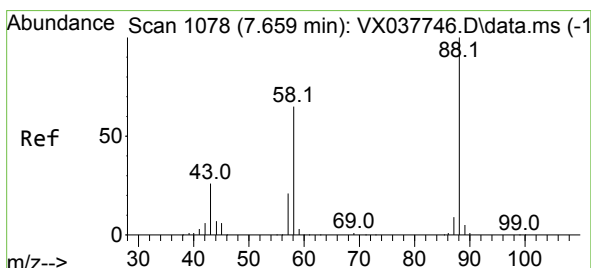
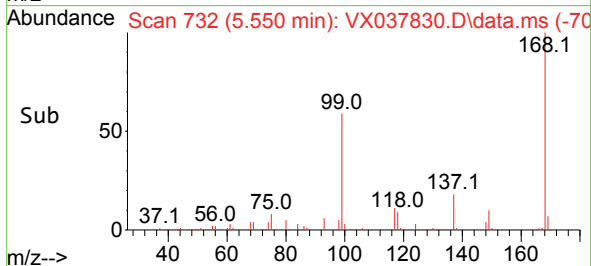
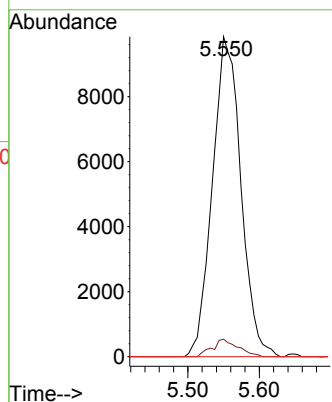


#38
Carbon Tetrachloride
Concen: 6.245 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

Instrument :
MSVOA_X
ClientSampleId :

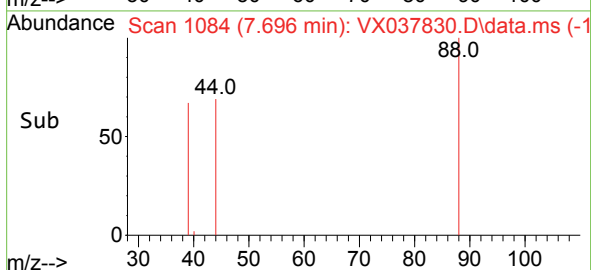
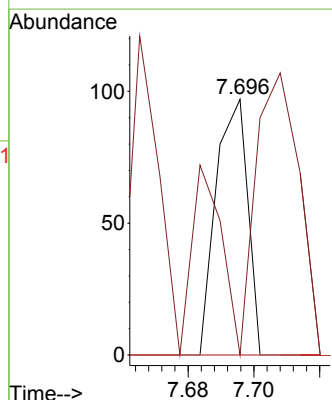
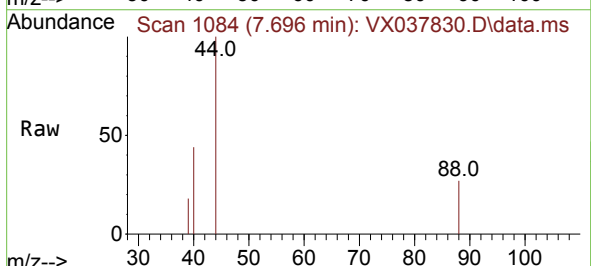


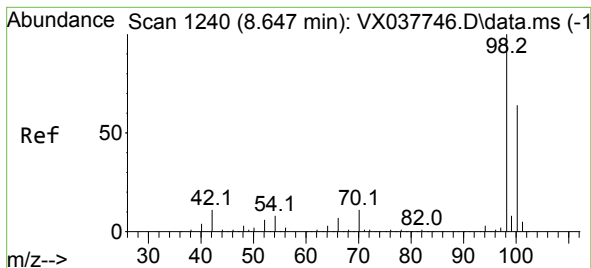
Tgt Ion:117 Resp: 27197
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.709 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.024 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

Tgt Ion: 88 Resp: 65
Ion Ratio Lower Upper
88 100
43 69.2 0.0 0.0#
58 0.0 60.1 90.1#





#50

Toluene-d8

Concen: 48.611 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037830.D

Acq: 20 Sep 2023 13:56

Instrument :

MSVOA_X

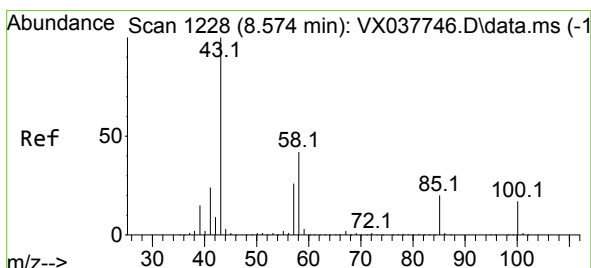
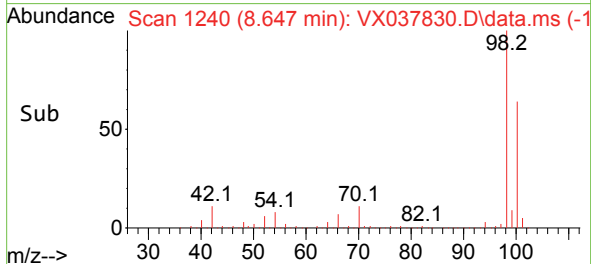
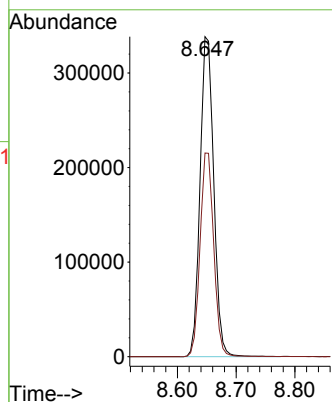
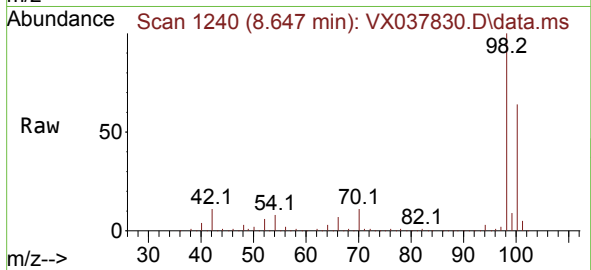
ClientSampleId :

Tgt Ion: 98 Resp: 545776

Ion Ratio Lower Upper

98 100

100 63.6 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.483 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX037830.D

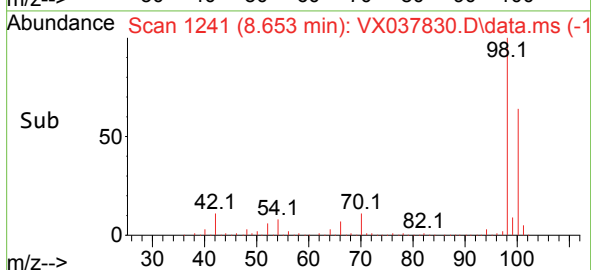
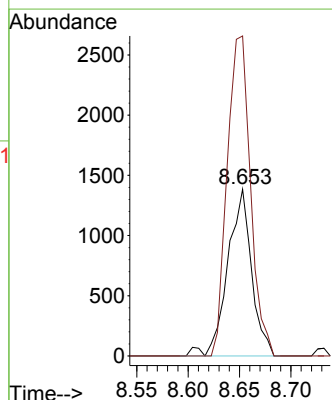
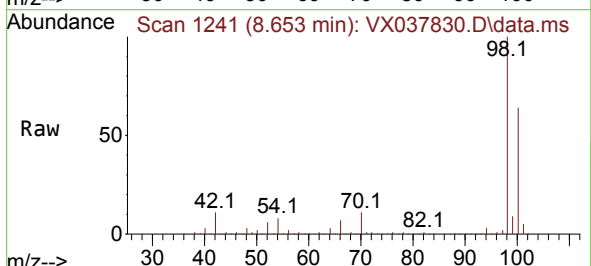
Acq: 20 Sep 2023 13:56

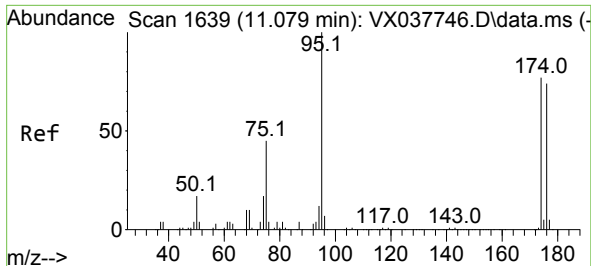
Tgt Ion: 43 Resp: 2241

Ion Ratio Lower Upper

43 100

58 186.8 30.4 45.6#

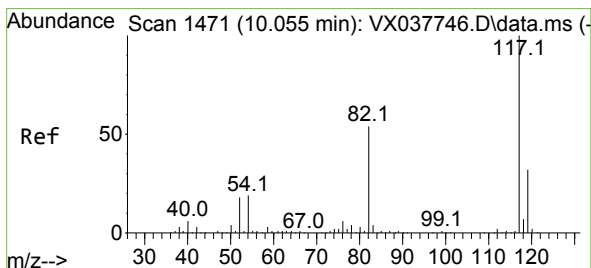
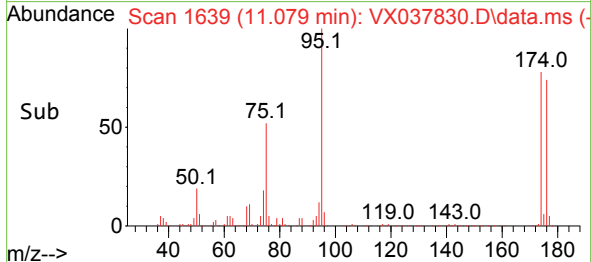
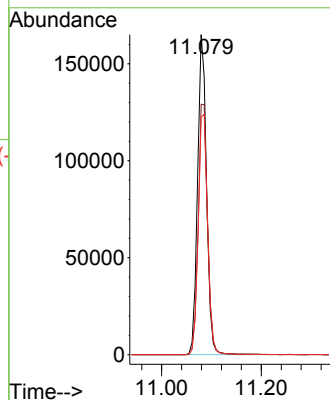
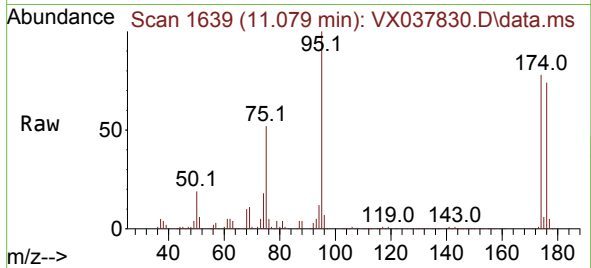




#62
4-Bromofluorobenzene
Concen: 50.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

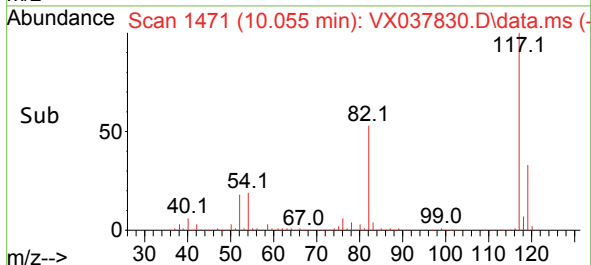
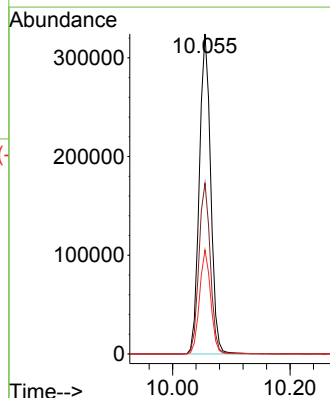
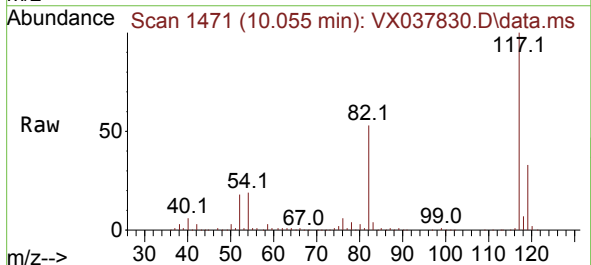
Instrument :
MSVOA_X
ClientSampleId :

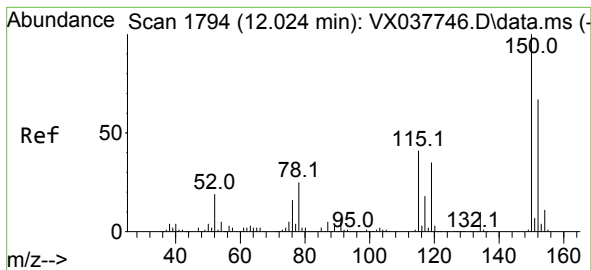
Tgt Ion: 95 Resp: 205108
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 79.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037830.D
Acq: 20 Sep 2023 13:56

Tgt Ion: 117 Resp: 434104
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 32.5 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: VX037830.D

Acq: 20 Sep 2023 13:56

Instrument :

MSVOA_X

ClientSampleId :

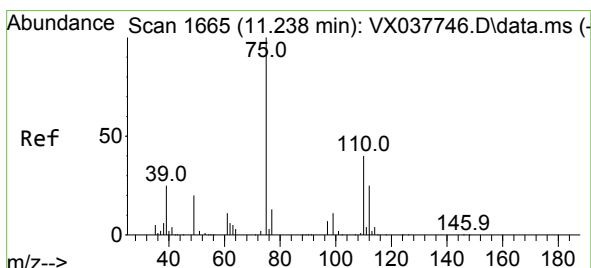
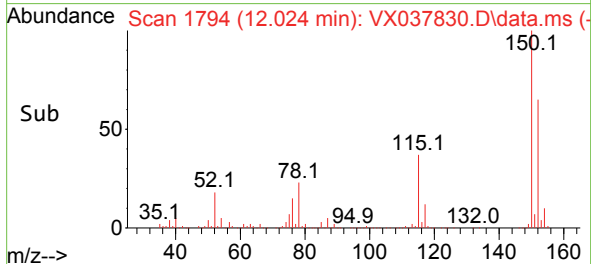
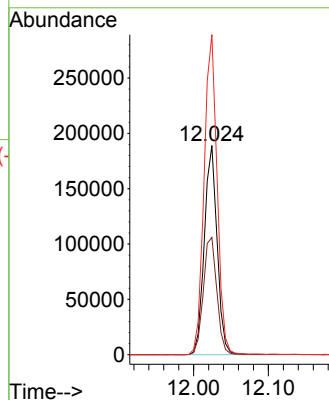
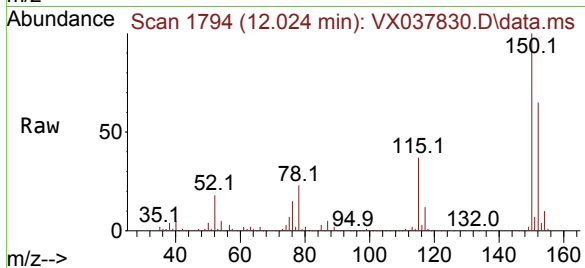
Tgt Ion:152 Resp: 224685

Ion Ratio Lower Upper

152 100

115 59.4 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.401 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037830.D

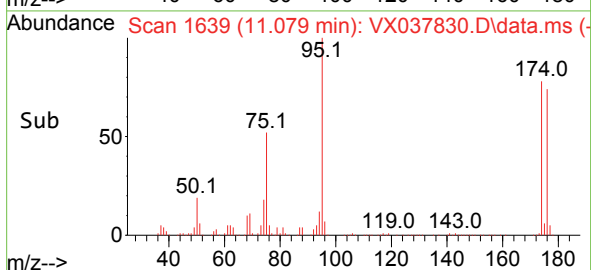
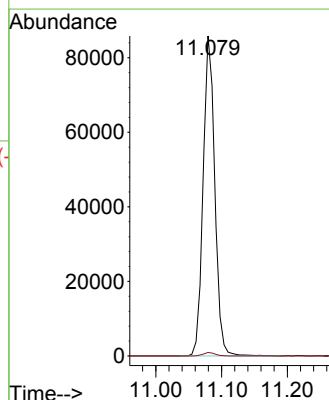
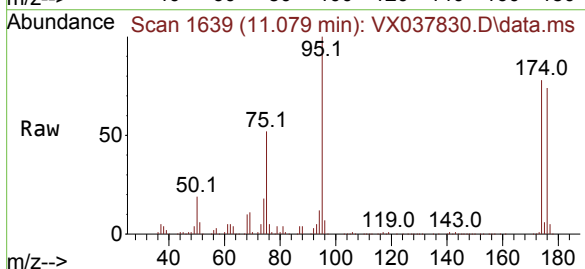
Acq: 20 Sep 2023 13:56

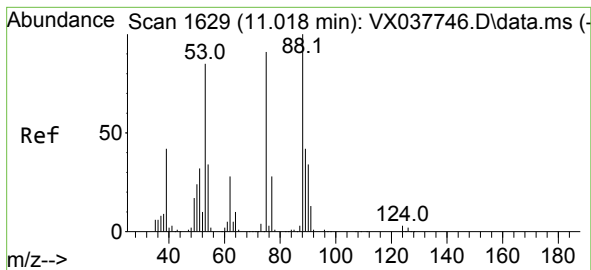
Tgt Ion: 75 Resp: 106020

Ion Ratio Lower Upper

75 100

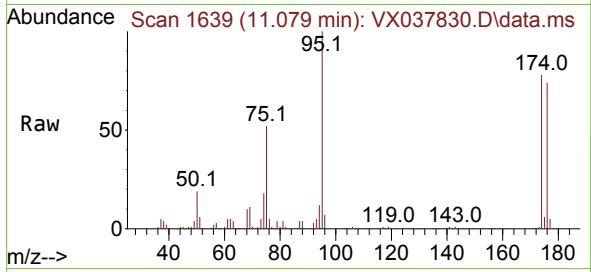
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.353 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037830.D
 Acq: 20 Sep 2023 13:56

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 106020
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.1 36.9 55.3#

