

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037577.D
 Acq On : 07 Sep 2023 14:18
 Operator : JC/MD
 Sample : 04287-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 08 00:45:00 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)

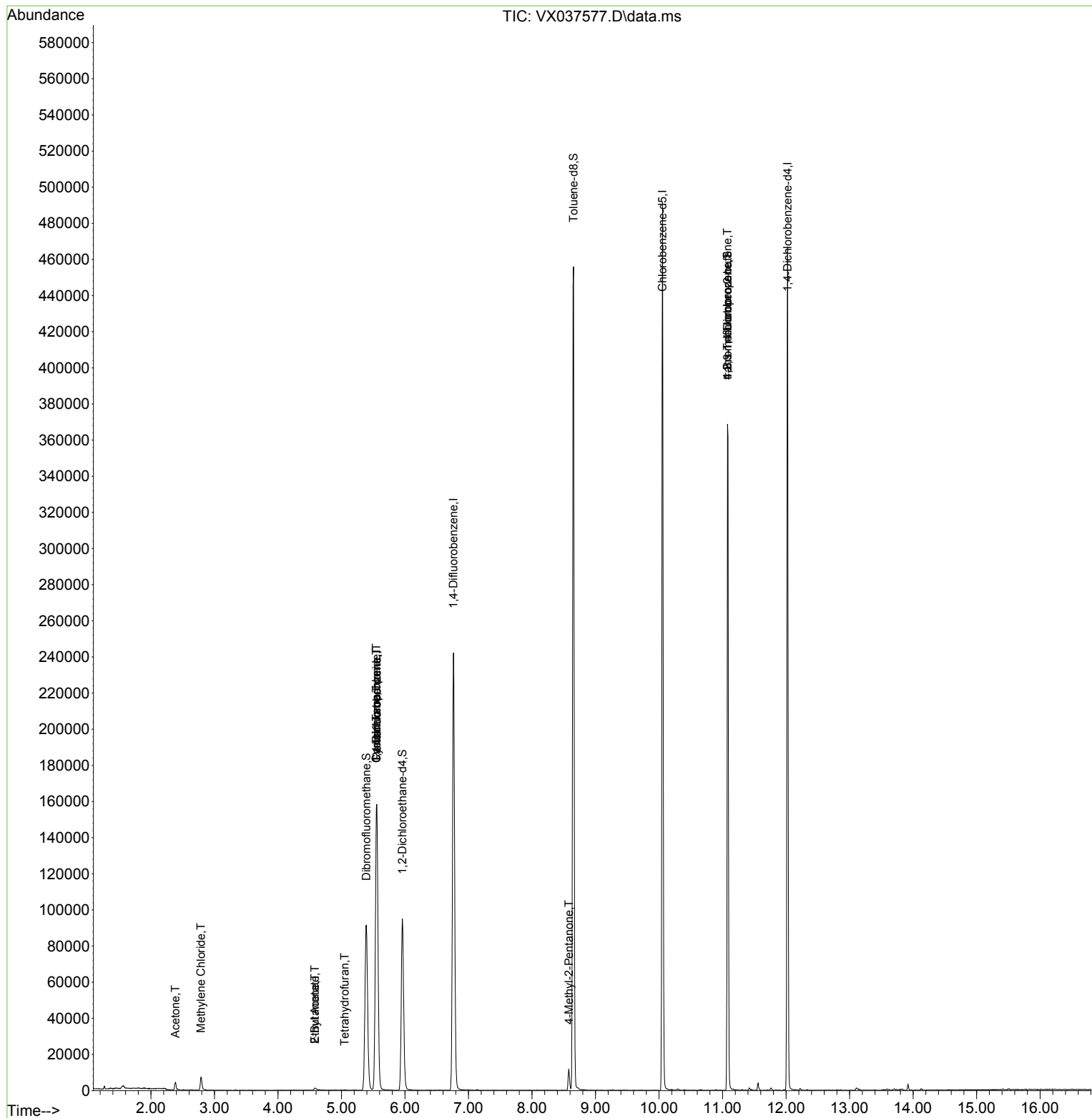
Internal Standards						
1) Pentafluorobenzene	5.556	168	153532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90671	40.964	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.920%
35) Dibromofluoromethane	5.391	113	83899	49.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.660%
50) Toluene-d8	8.653	98	289375	46.905	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.820%
62) 4-Bromofluorobenzene	11.079	95	108898	44.916	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.840%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	4759	5.496	ug/l	94
20) Methylene Chloride	2.788	84	4054	2.094	ug/l	88
25) 2-Butanone	4.580	43	2273	1.743	ug/l #	67
29) Tetrahydrofuran	5.050	42	229	0.275	ug/l #	34
31) Cyclohexane	5.550	56	2900	1.165	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11439	4.734	ug/l #	52
37) Ethyl Acetate	4.580	43	2273	0.921	ug/l #	69
38) Carbon Tetrachloride	5.550	117	15812	6.024	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	6936	2.915	ug/l #	86
76) 1,2,3-Trichloropropane	11.079	75	52251	24.575	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	52251	68.638	ug/l #	5

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

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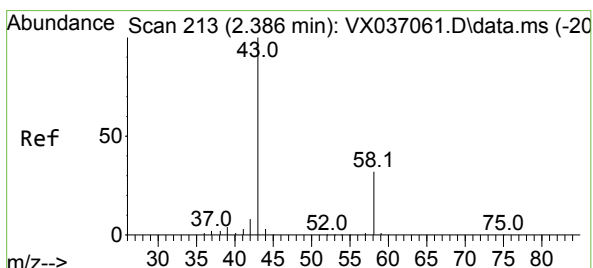
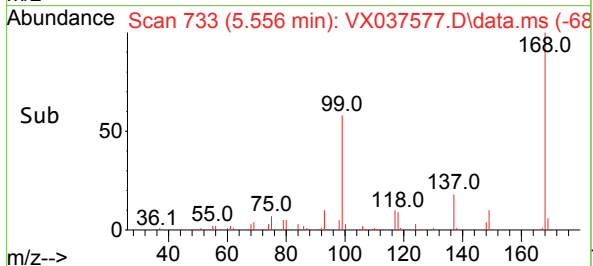
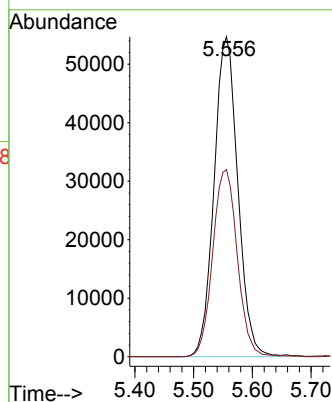
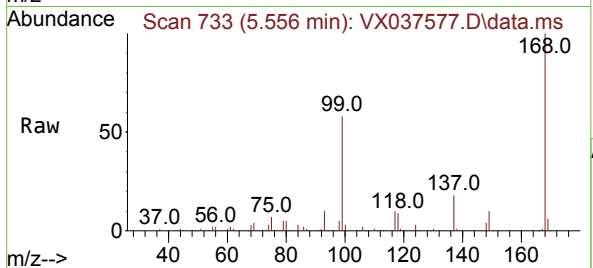




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037577.D
Acq: 07 Sep 2023 14:18

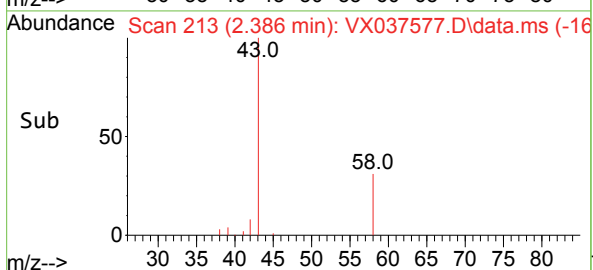
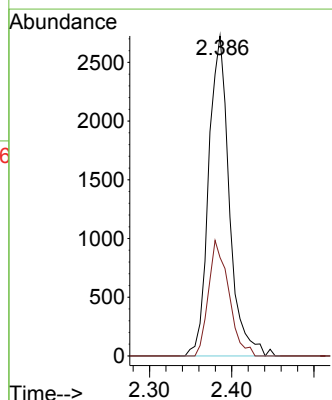
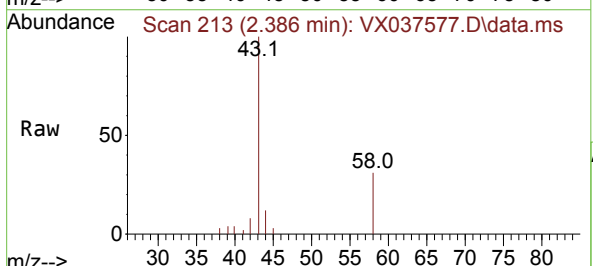
Instrument :
MSVOA_X
ClientSampleId :

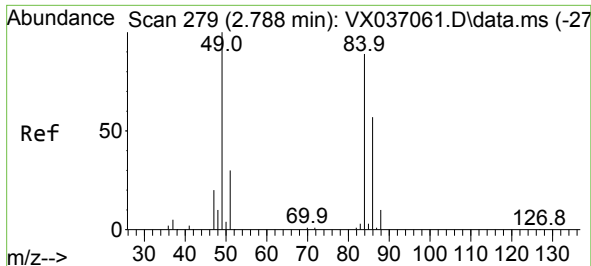
Tgt Ion:168 Resp: 153532
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#16
Acetone
Concen: 5.496 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037577.D
Acq: 07 Sep 2023 14:18

Tgt Ion: 43 Resp: 4759
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9





#20

Methylene Chloride

Concen: 2.094 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

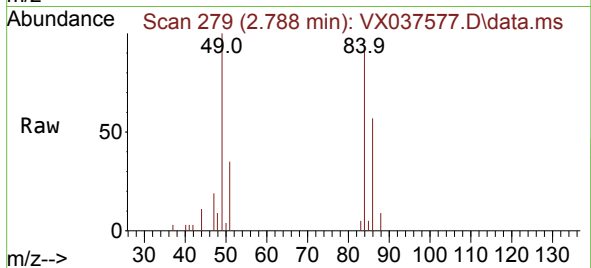
Lab File: VX037577.D

Acq: 07 Sep 2023 14:18

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 4054

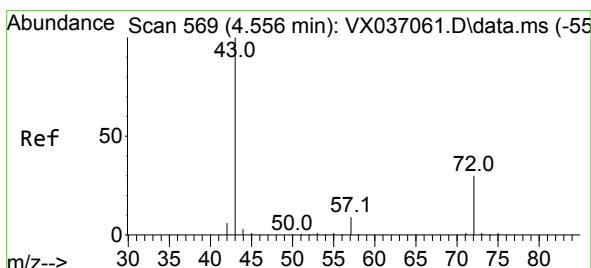
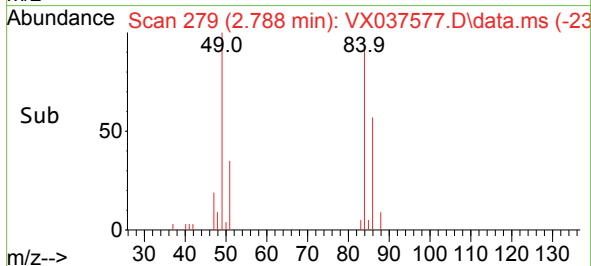
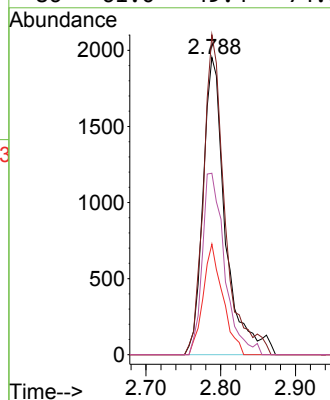
Ion Ratio Lower Upper

84 100

49 107.6 103.6 155.4

51 37.2 33.8 50.6

86 61.0 49.4 74.0



#25

2-Butanone

Concen: 1.743 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX037577.D

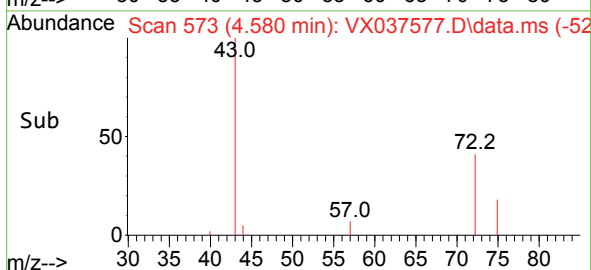
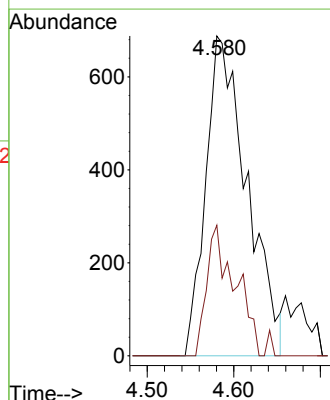
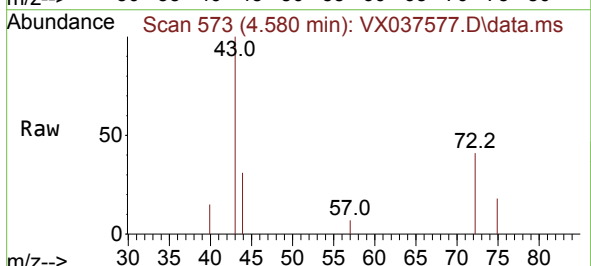
Acq: 07 Sep 2023 14:18

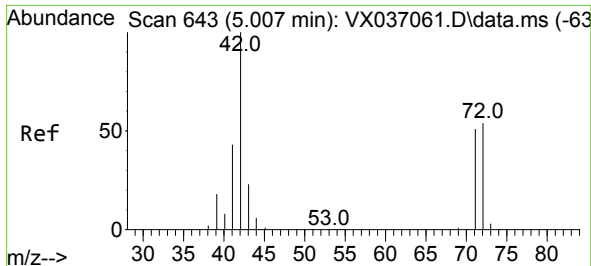
Tgt Ion: 43 Resp: 2273

Ion Ratio Lower Upper

43 100

72 40.8 19.4 29.2#





#29

Tetrahydrofuran

Concen: 0.275 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.043 min

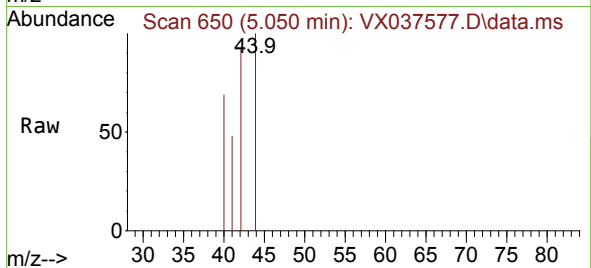
Lab File: VX037577.D

Acq: 07 Sep 2023 14:18

Instrument :

MSVOA_X

ClientSampleId :



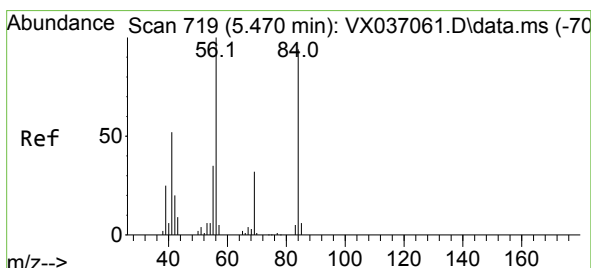
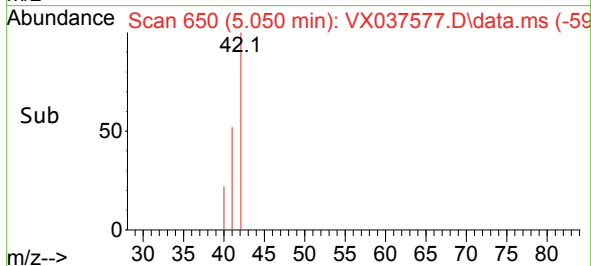
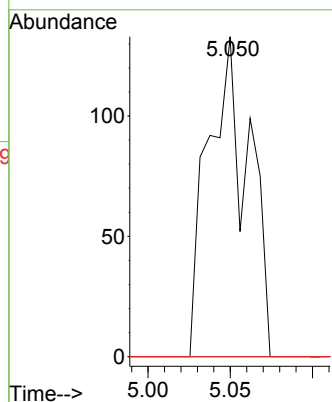
Tgt Ion: 42 Resp: 229

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.165 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037577.D

Acq: 07 Sep 2023 14:18

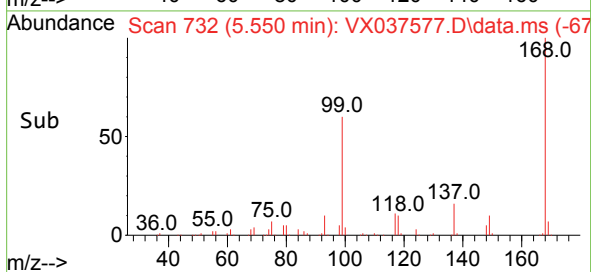
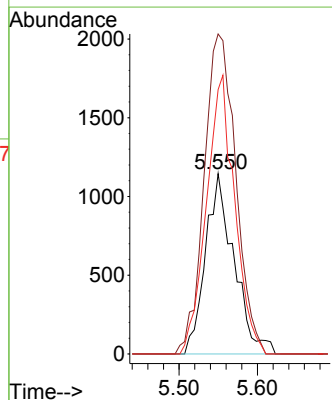
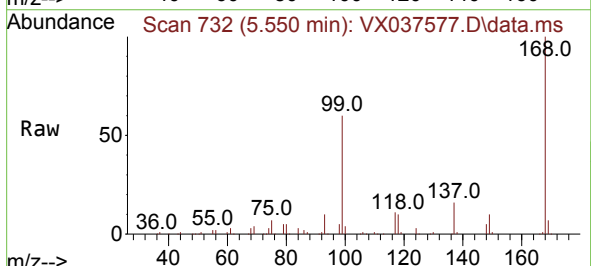
Tgt Ion: 56 Resp: 2900

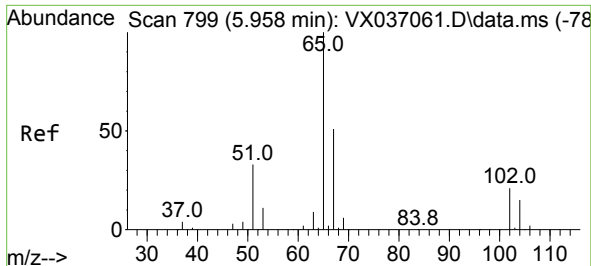
Ion Ratio Lower Upper

56 100

69 177.5 23.4 35.2#

84 146.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 40.964 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037577.D

Acq: 07 Sep 2023 14:18

Instrument :

MSVOA_X

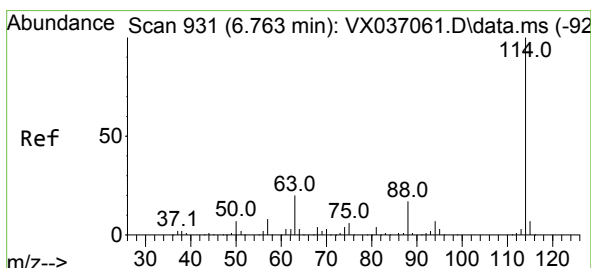
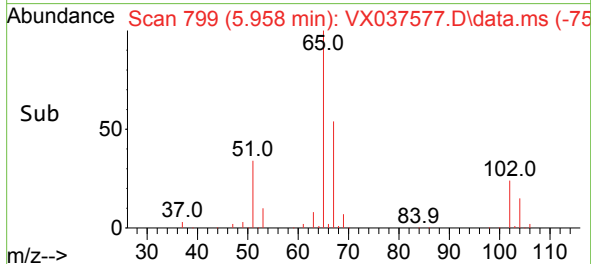
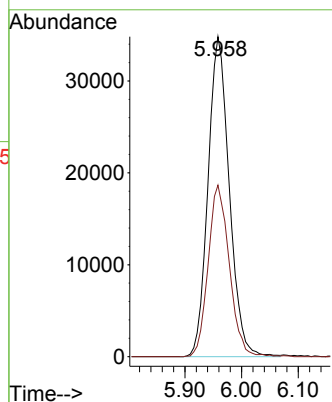
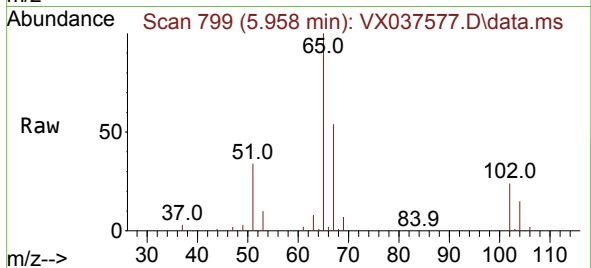
ClientSampleId :

Tgt Ion: 65 Resp: 90671

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: VX037577.D

Acq: 07 Sep 2023 14:18

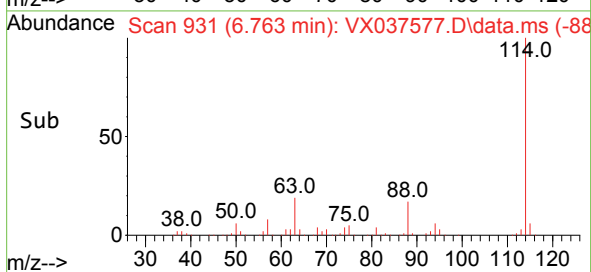
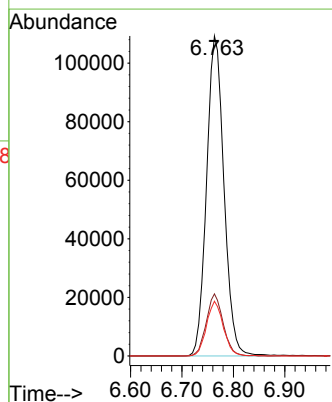
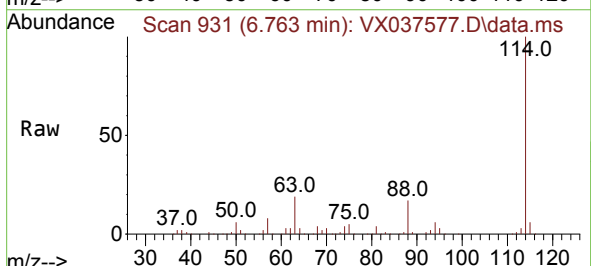
Tgt Ion: 114 Resp: 256806

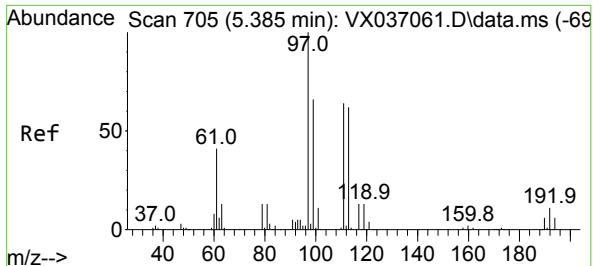
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

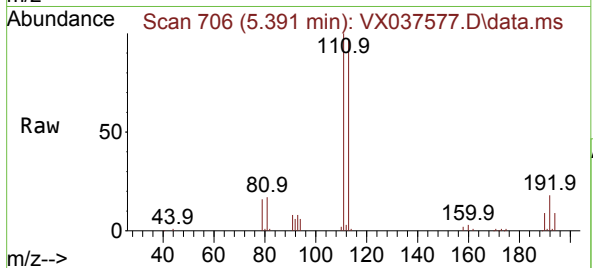
88 17.1 0.0 36.6



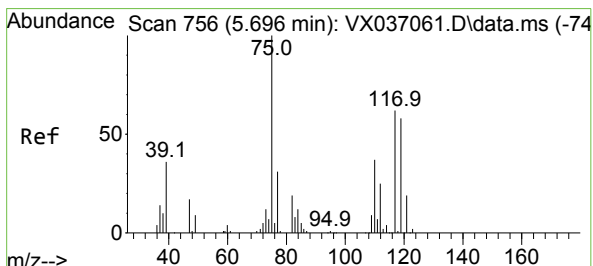
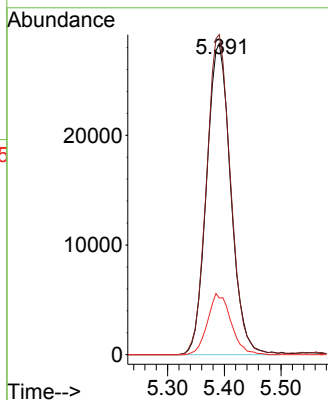
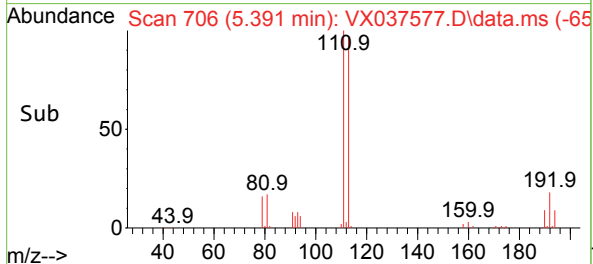


#35
Dibromofluoromethane
Concen: 49.330 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037577.D
Acq: 07 Sep 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :

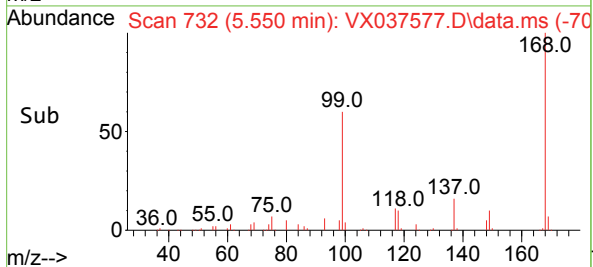
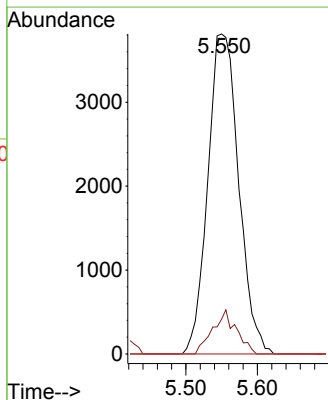
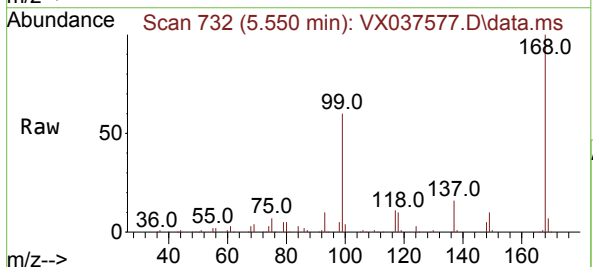


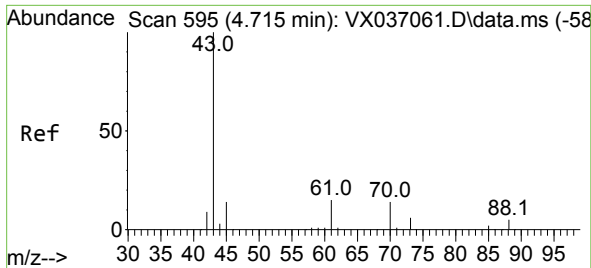
Tgt Ion:113 Resp: 83899
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.734 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037577.D
Acq: 07 Sep 2023 14:18

Tgt Ion: 75 Resp: 11439
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.921 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.134 min

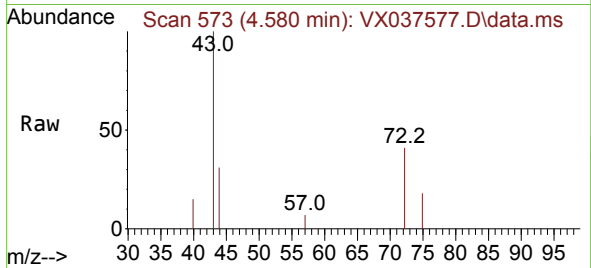
Lab File: VX037577.D

Acq: 07 Sep 2023 14:18

Instrument :

MSVOA_X

ClientSampleId :



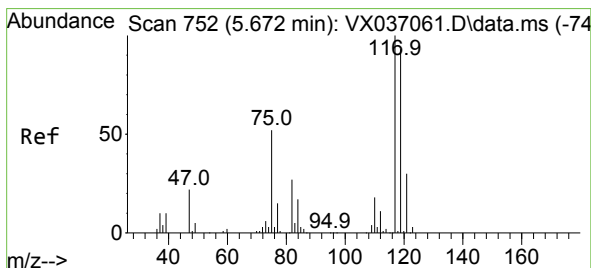
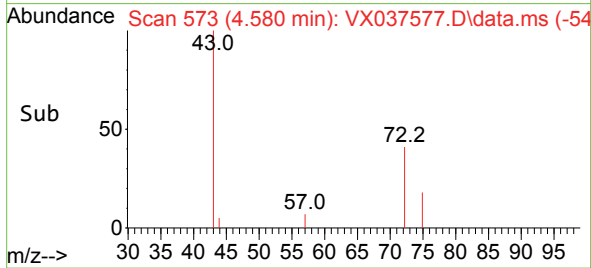
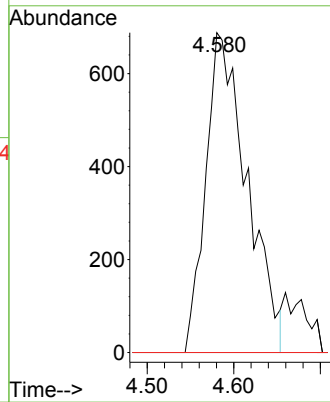
Tgt Ion: 43 Resp: 2273

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.024 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX037577.D

Acq: 07 Sep 2023 14:18

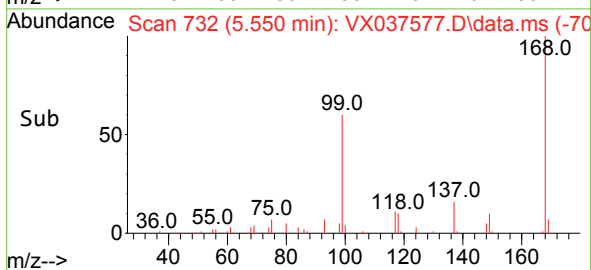
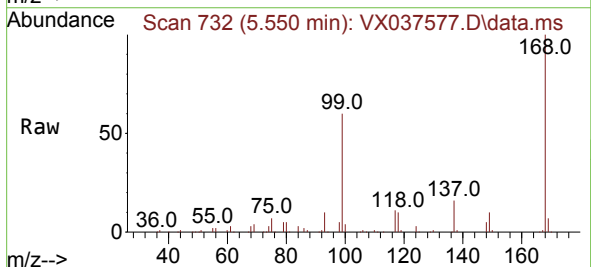
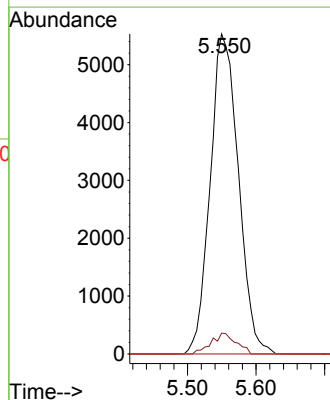
Tgt Ion: 117 Resp: 15812

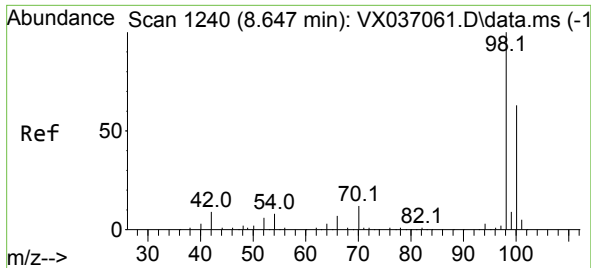
Ion Ratio Lower Upper

117 100

119 6.5 78.2 117.2#

121 0.0 24.4 36.6#

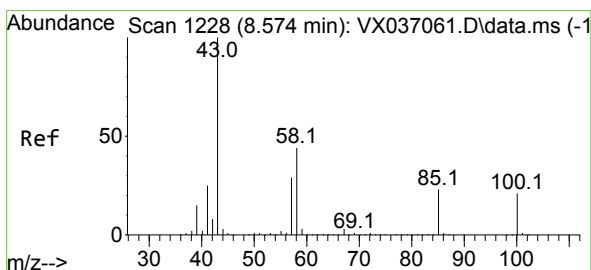
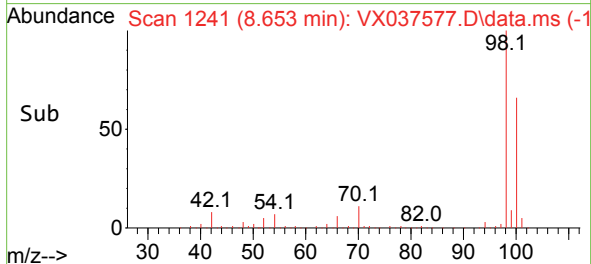
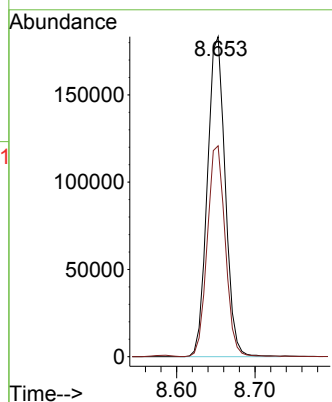
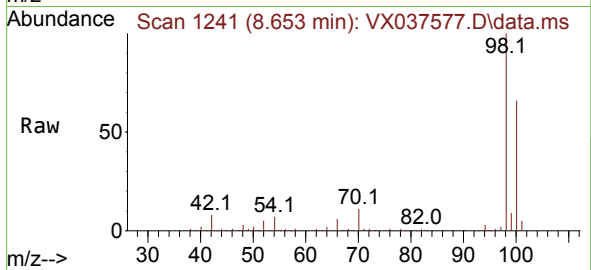




#50
Toluene-d8
Concen: 46.905 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037577.D
Acq: 07 Sep 2023 14:18

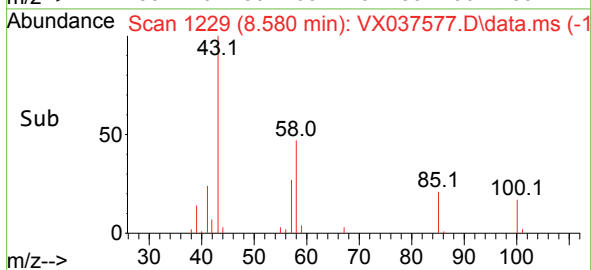
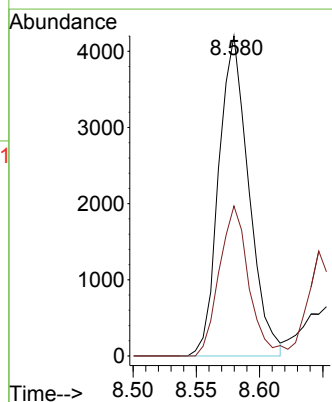
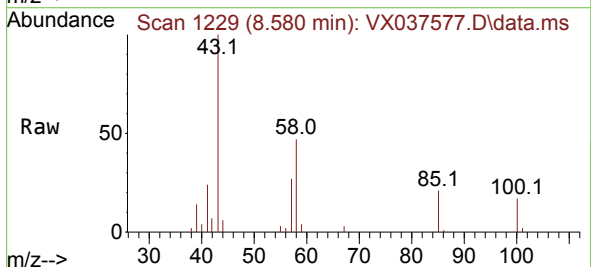
Instrument :
MSVOA_X
ClientSampleId :

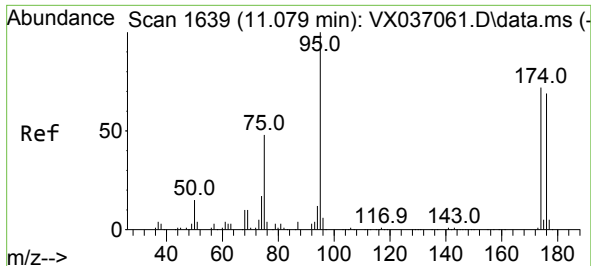
Tgt Ion: 98 Resp: 289375
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 2.915 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX037577.D
Acq: 07 Sep 2023 14:18

Tgt Ion: 43 Resp: 6936
Ion Ratio Lower Upper
43 100
58 46.4 30.4 45.6#

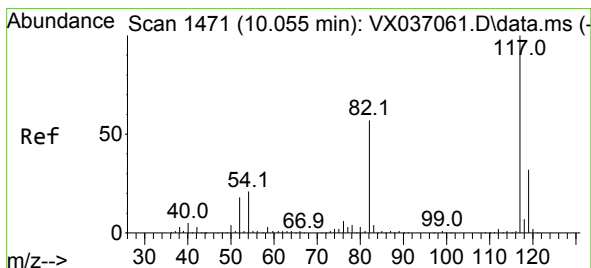
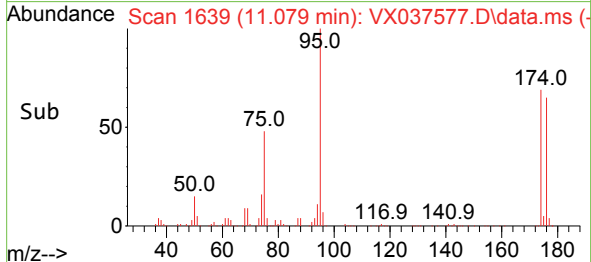
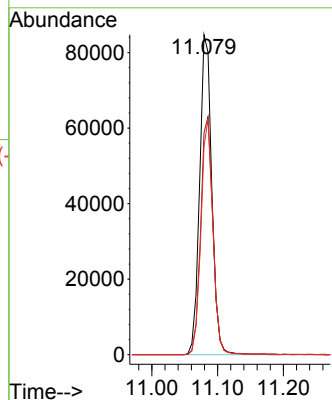
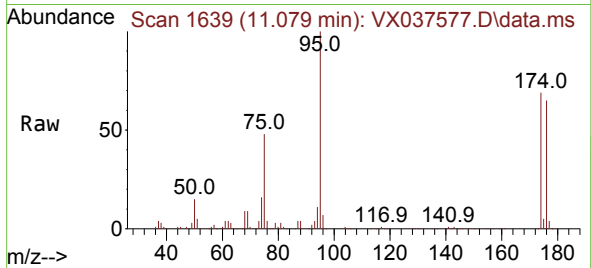




#62
4-Bromofluorobenzene
Concen: 44.916 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037577.D
Acq: 07 Sep 2023 14:18

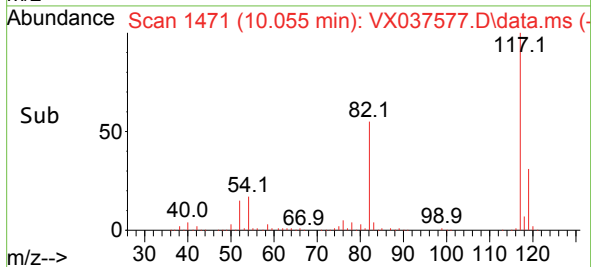
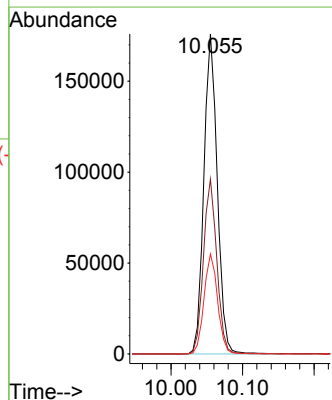
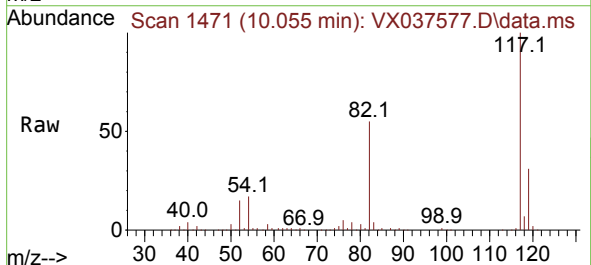
Instrument :
MSVOA_X
ClientSampleId :

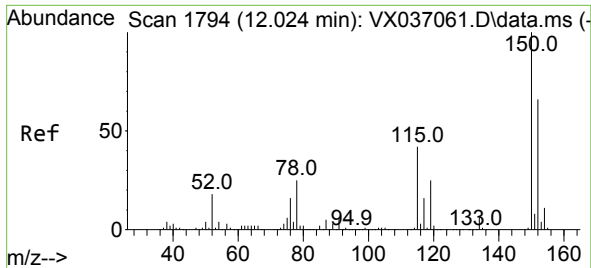
Tgt Ion: 95 Resp: 108898
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 71.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037577.D
Acq: 07 Sep 2023 14:18

Tgt Ion: 117 Resp: 229301
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.2 25.5 38.3

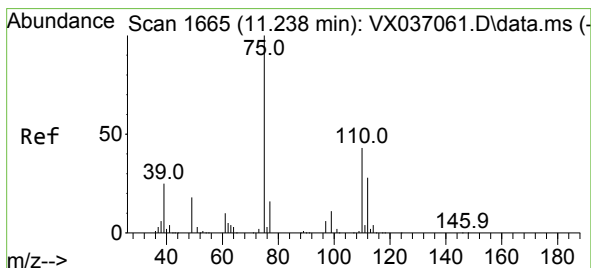
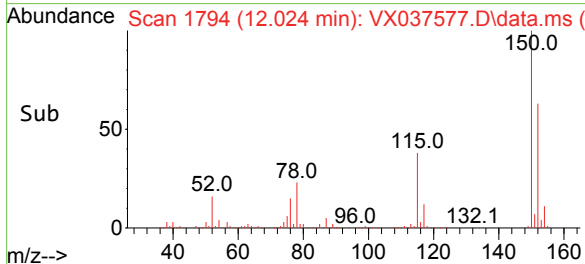
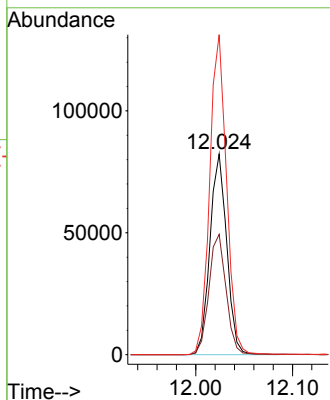
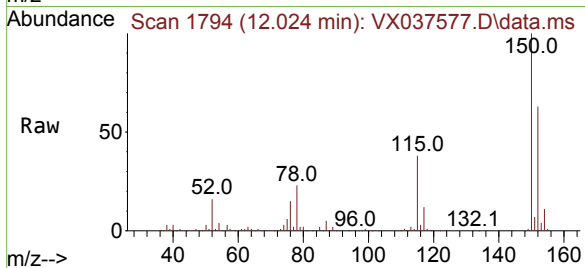




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037577.D
 Acq: 07 Sep 2023 14:18

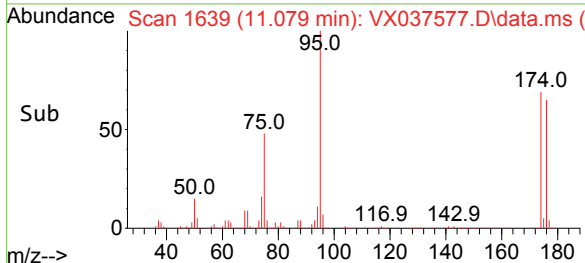
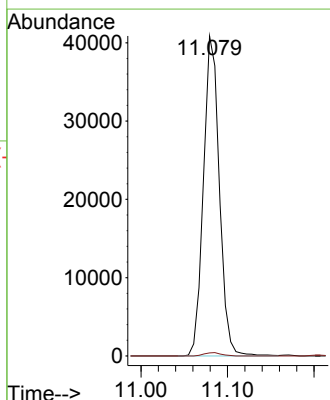
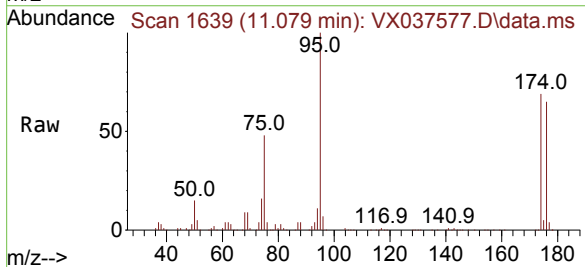
Instrument :
 MSVOA_X
 ClientSampleId :

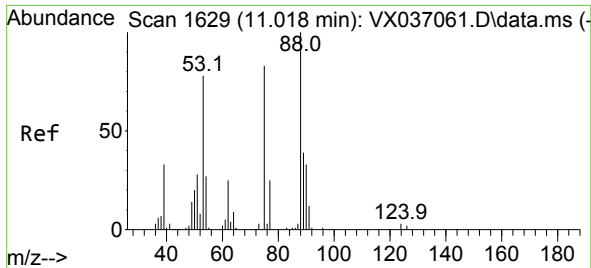
Tgt Ion:152 Resp: 99838
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.3 129.9
 150 159.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.575 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037577.D
 Acq: 07 Sep 2023 14:18

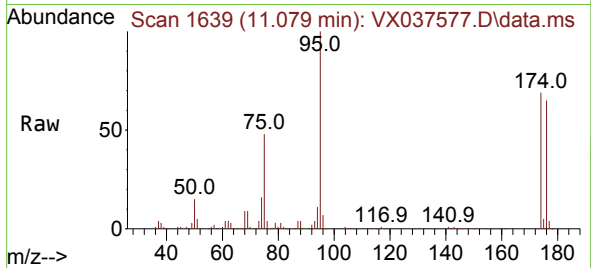
Tgt Ion: 75 Resp: 52251
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.638 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037577.D
 Acq: 07 Sep 2023 14:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52251
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

