

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037582.D
 Acq On : 07 Sep 2023 16:39
 Operator : JC/MD
 Sample : 04311-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 08 00:46:54 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)

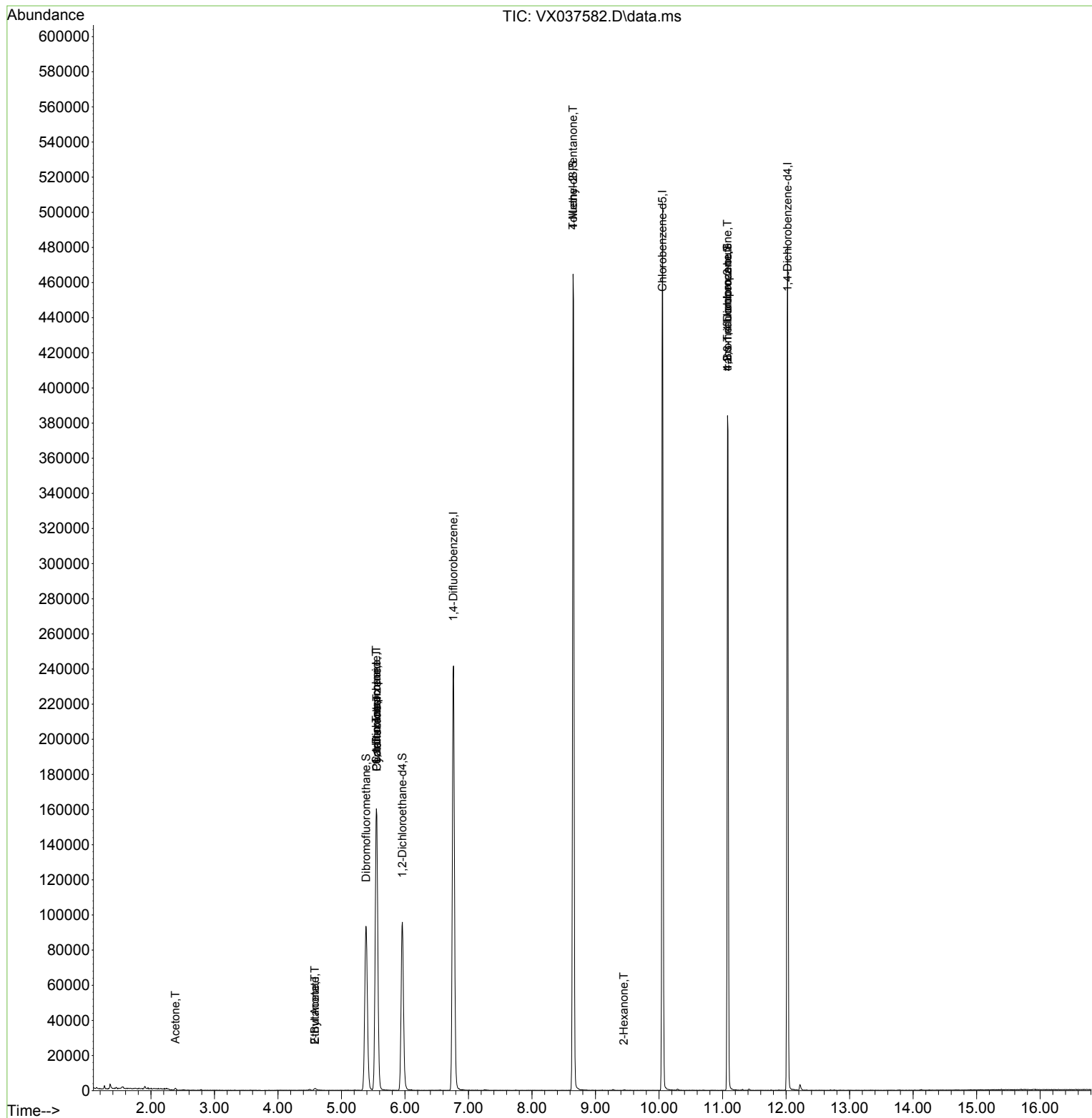
Internal Standards						
1) Pentafluorobenzene	5.556	168	155904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	261161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93385	41.548	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.100%		
35) Dibromofluoromethane	5.385	113	85513	49.441	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	8.647	98	296518	47.262	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.520%		
62) 4-Bromofluorobenzene	11.079	95	112194	45.504	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.000%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	1073	1.220	ug/l	99
25) 2-Butanone	4.580	43	2078	1.570	ug/l #	90
31) Cyclohexane	5.556	56	2643	1.046	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11639	4.736	ug/l #	51
37) Ethyl Acetate	4.580	43	2078	0.828	ug/l #	69
38) Carbon Tetrachloride	5.550	117	16421	6.152	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1006	0.416	ug/l #	1
59) 2-Hexanone	9.445	43	386	0.209	ug/l	78
76) 1,2,3-Trichloropropane	11.079	75	53796	23.905	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53796	66.768	ug/l #	5

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

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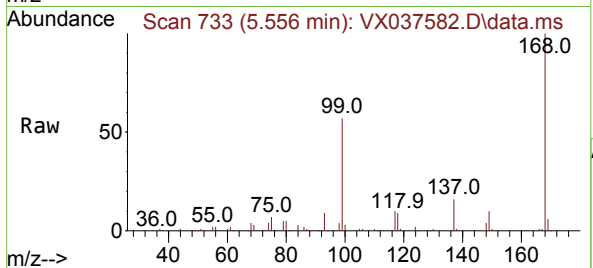
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



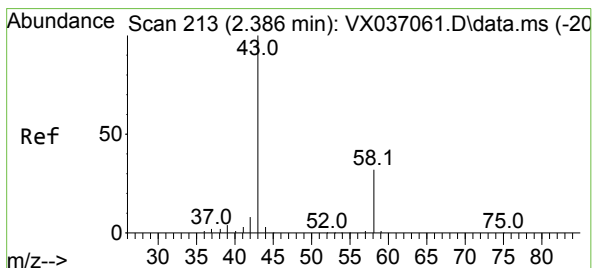
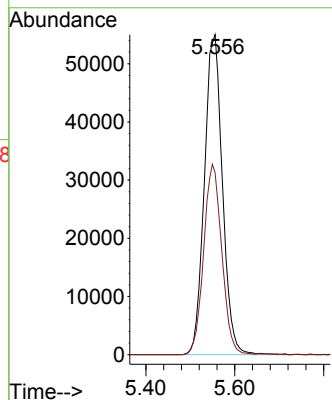
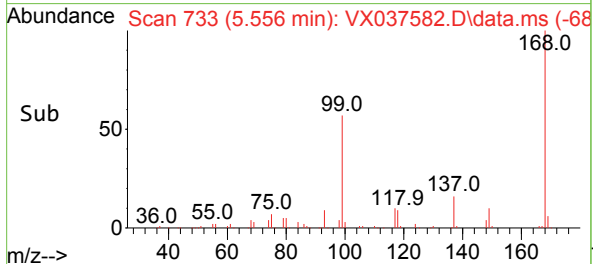


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :

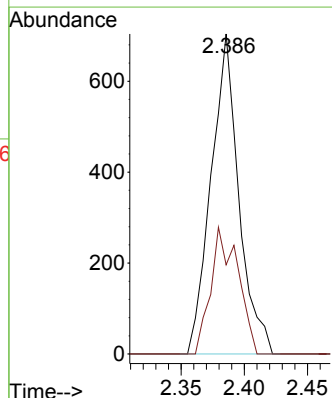
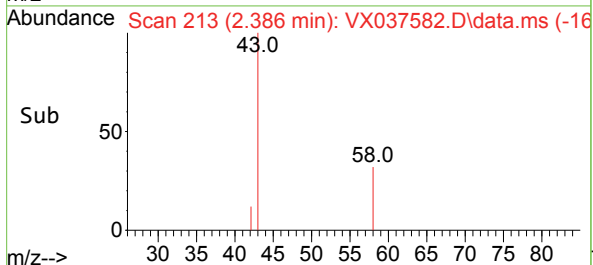
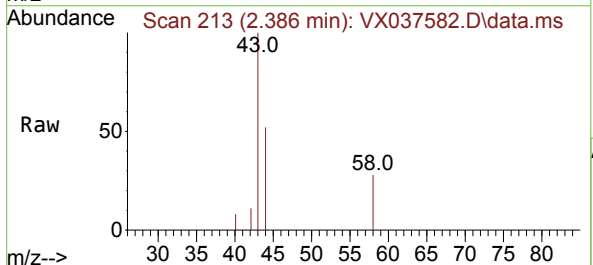


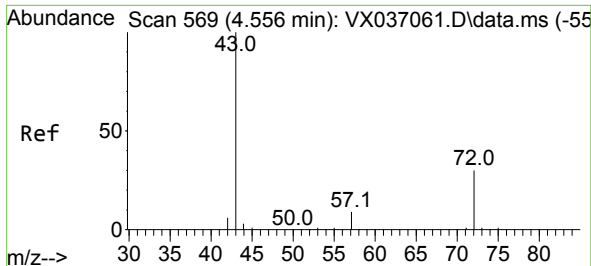
Tgt Ion:168 Resp: 155904
Ion Ratio Lower Upper
168 100
99 56.9 56.6 85.0



#16
Acetone
Concen: 1.220 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Tgt Ion: 43 Resp: 1073
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9

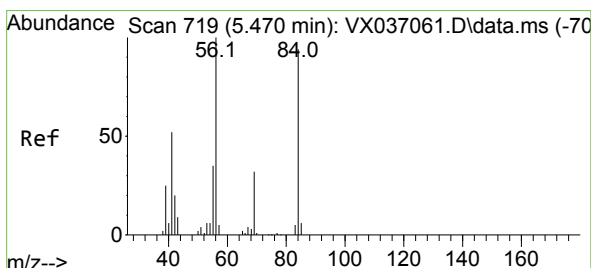
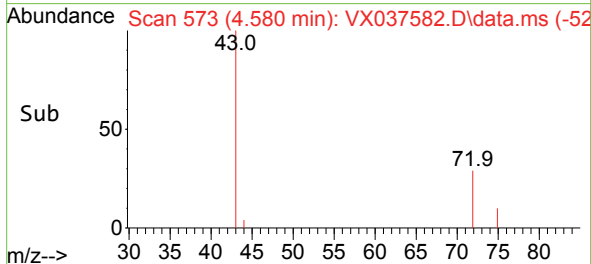
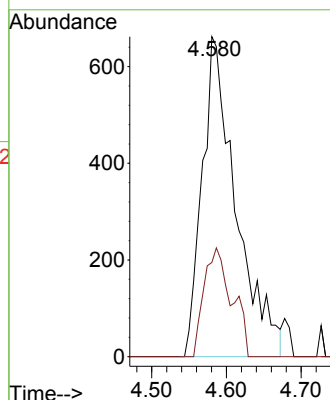
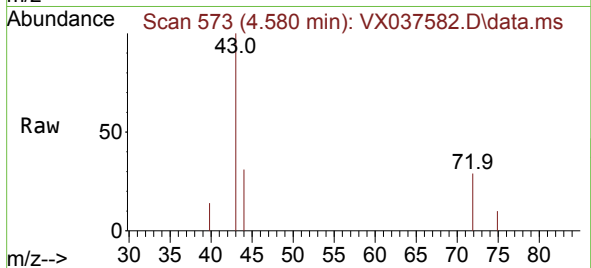




#25
2-Butanone
Concen: 1.570 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

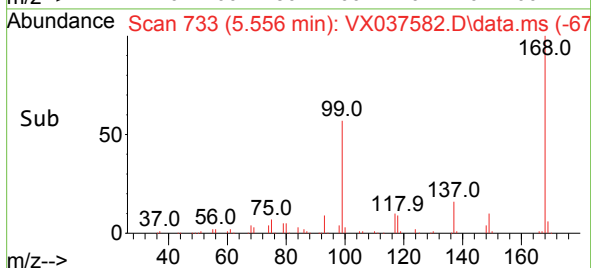
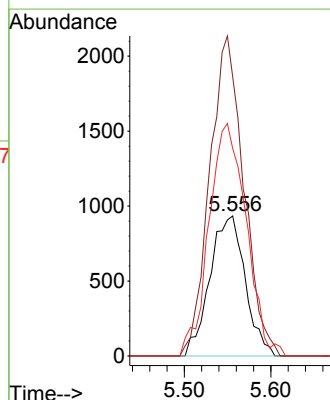
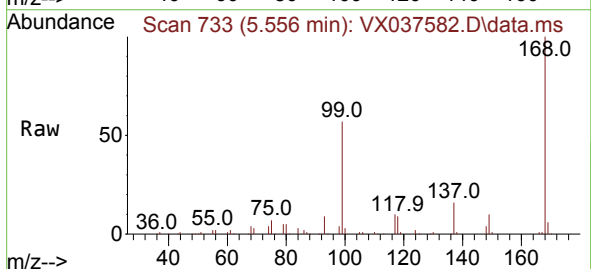
Instrument :
MSVOA_X
ClientSampleId :

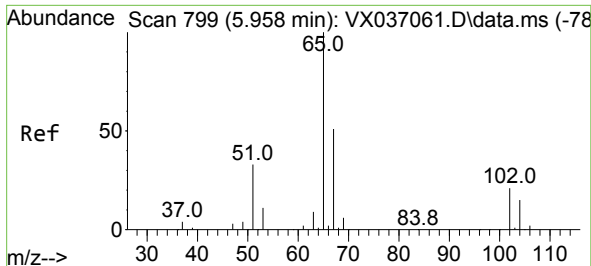
Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
72 29.5 19.4 29.2#



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Tgt Ion: 56 Resp: 2643
Ion Ratio Lower Upper
56 100
69 199.6 23.4 35.2#
84 148.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.548 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037582.D

Acq: 07 Sep 2023 16:39

Instrument :

MSVOA_X

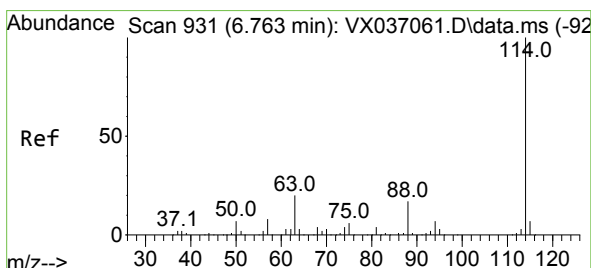
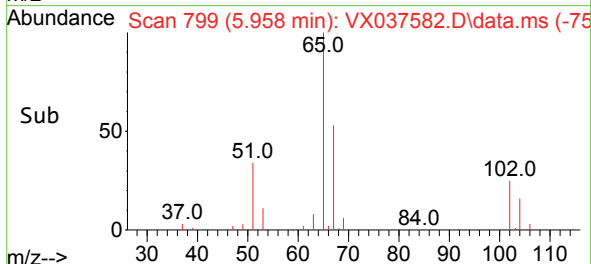
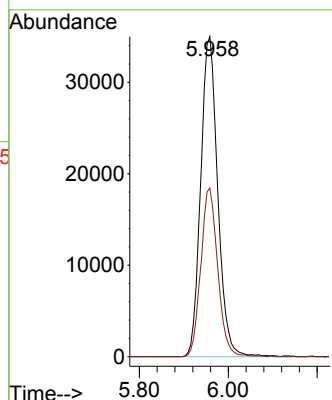
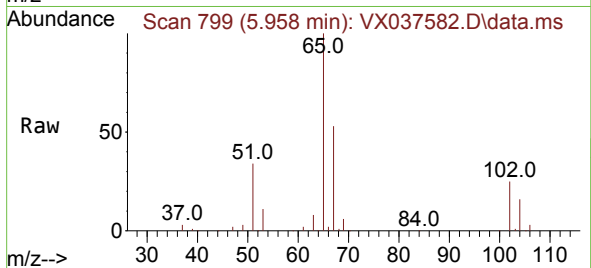
ClientSampleId :

Tgt Ion: 65 Resp: 93385

Ion Ratio Lower Upper

65 100

67 52.3 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: VX037582.D

Acq: 07 Sep 2023 16:39

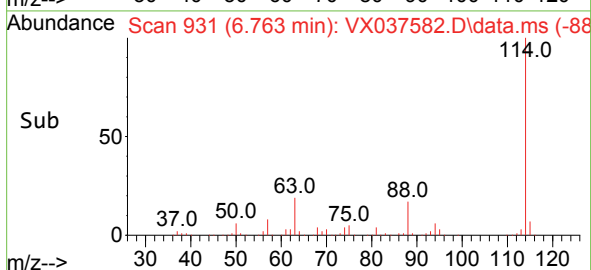
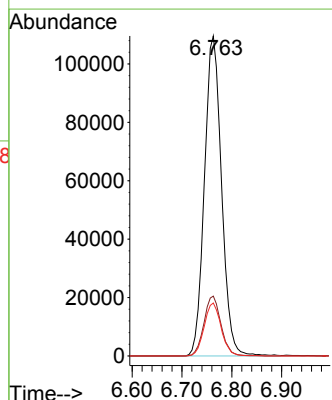
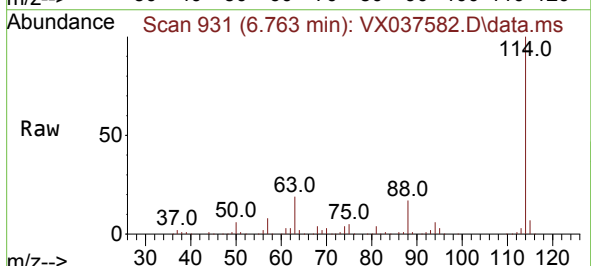
Tgt Ion: 114 Resp: 261161

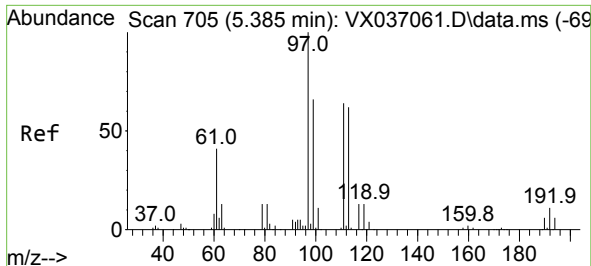
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

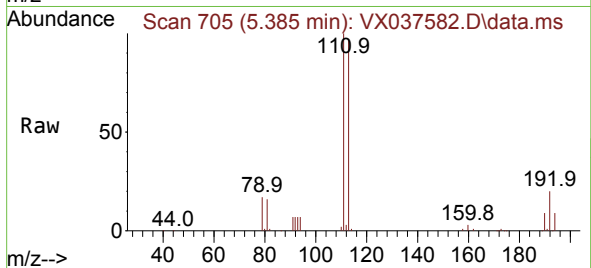
88 16.6 0.0 36.6



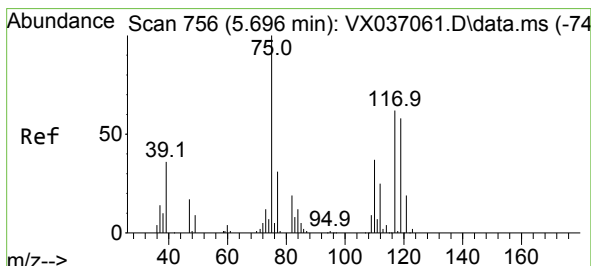
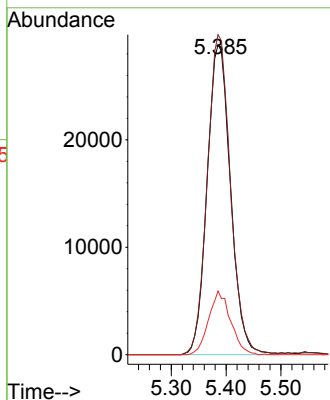
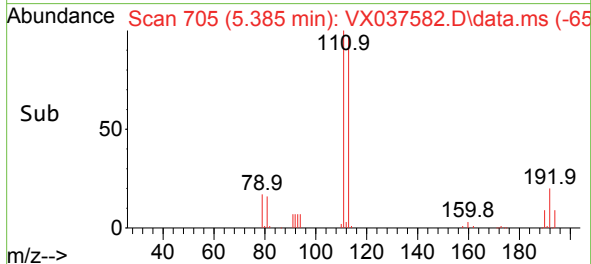


#35
Dibromofluoromethane
Concen: 49.441 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :

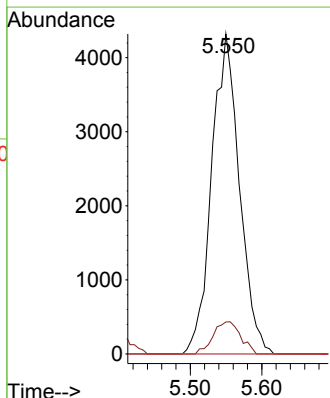
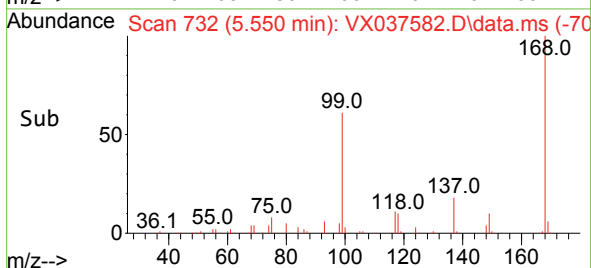
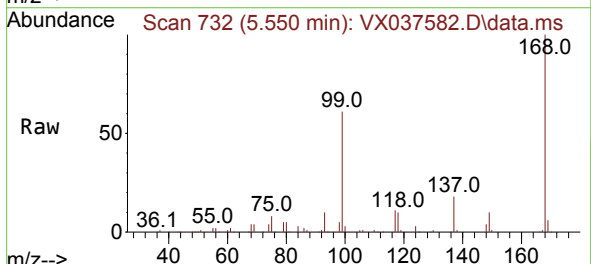


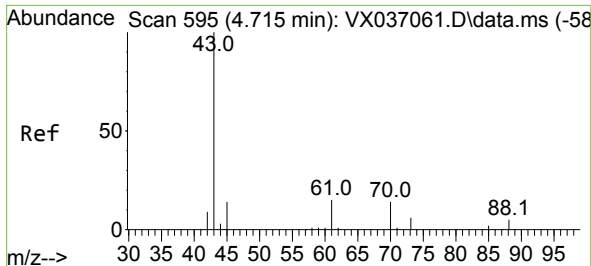
Tgt Ion:113 Resp: 85513
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.736 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Tgt Ion: 75 Resp: 11639
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.828 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.134 min

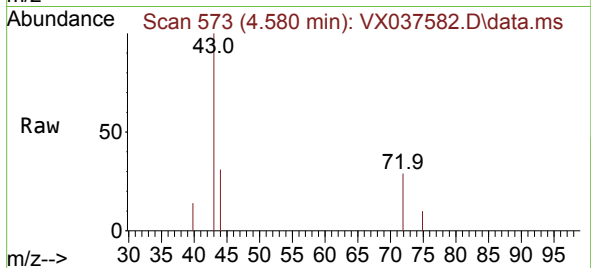
Lab File: VX037582.D

Acq: 07 Sep 2023 16:39

Instrument :

MSVOA_X

ClientSampleId :



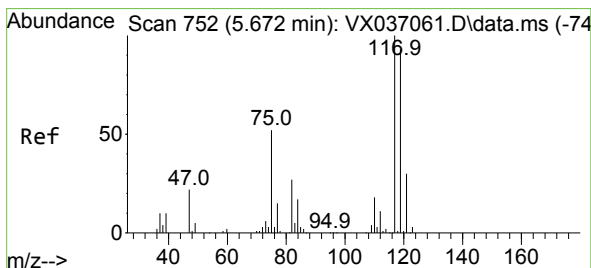
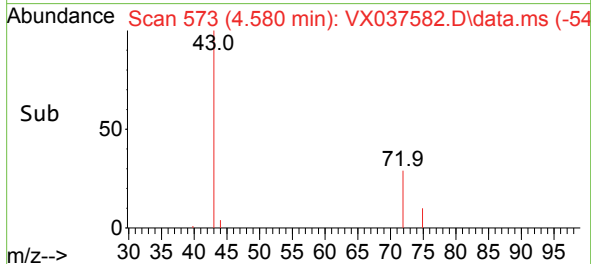
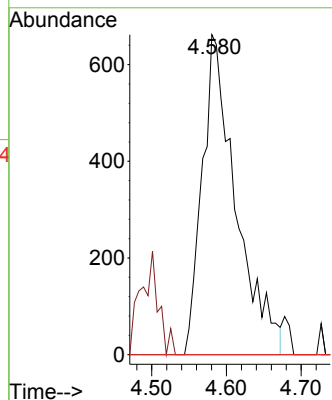
Tgt Ion: 43 Resp: 2078

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.152 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX037582.D

Acq: 07 Sep 2023 16:39

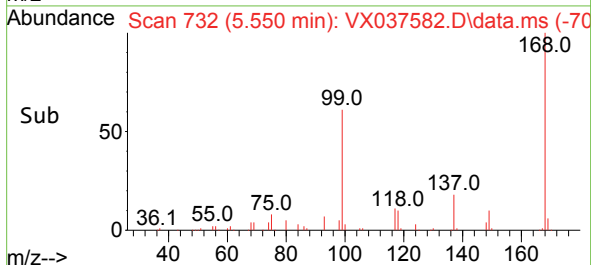
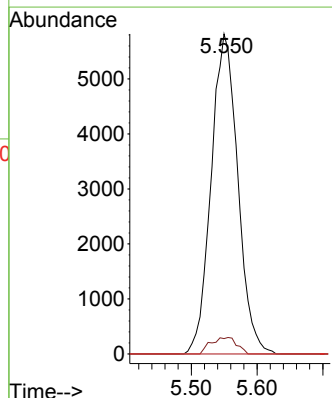
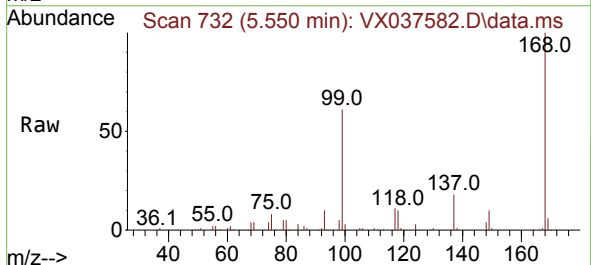
Tgt Ion: 117 Resp: 16421

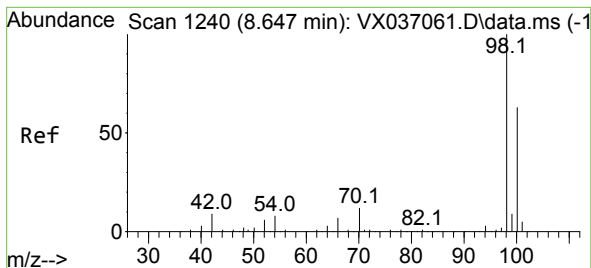
Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 47.262 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037582.D

Acq: 07 Sep 2023 16:39

Instrument :

MSVOA_X

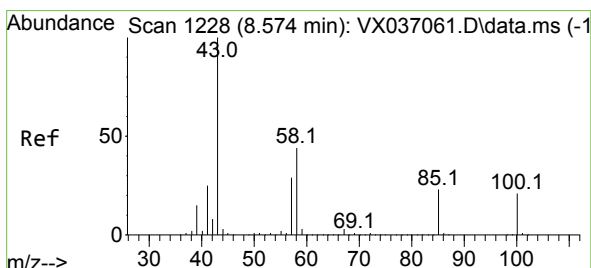
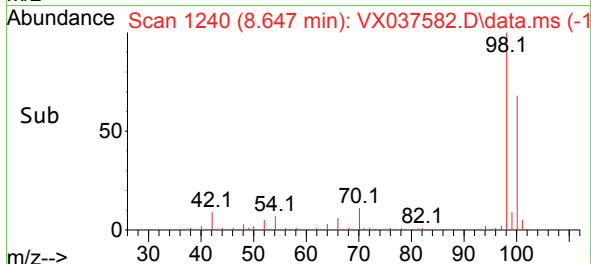
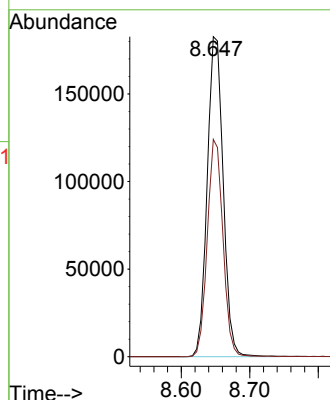
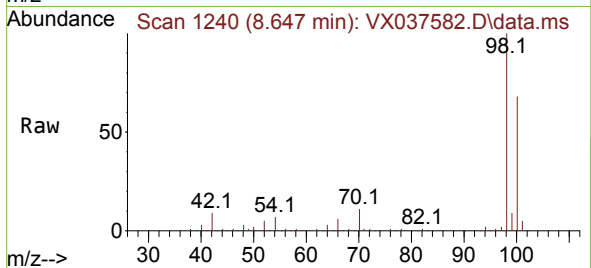
ClientSampleId :

Tgt Ion: 98 Resp: 296518

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.416 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037582.D

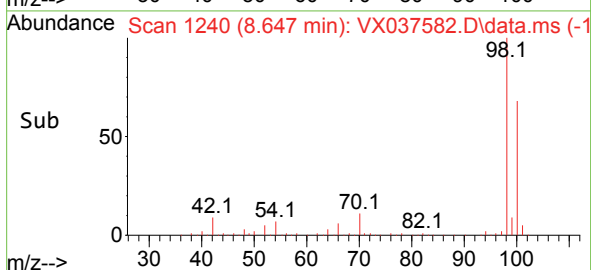
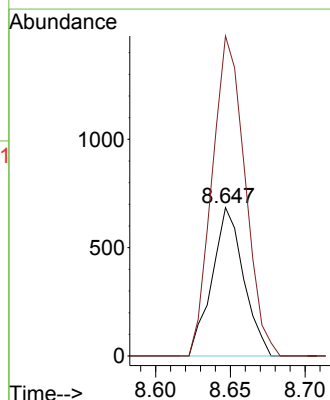
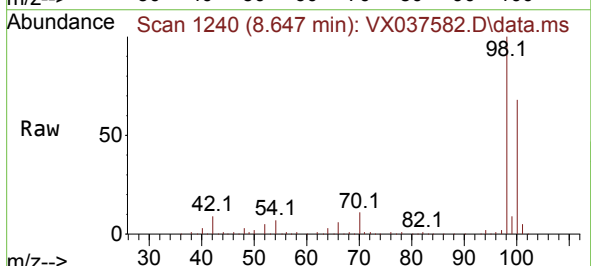
Acq: 07 Sep 2023 16:39

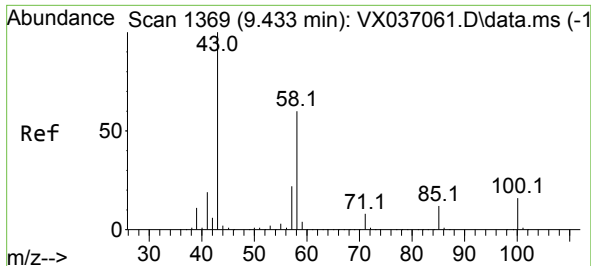
Tgt Ion: 43 Resp: 1006

Ion Ratio Lower Upper

43 100

58 224.2 30.4 45.6#





#59

2-Hexanone

Concen: 0.209 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX037582.D

Acq: 07 Sep 2023 16:39

Instrument :

MSVOA_X

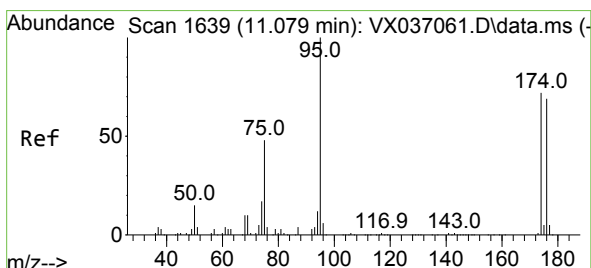
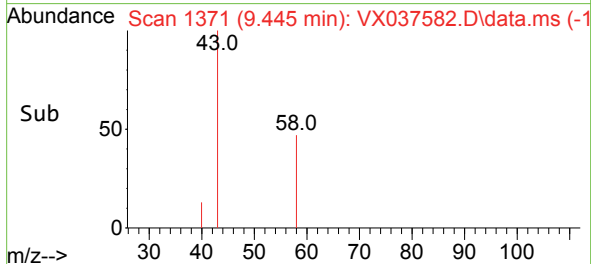
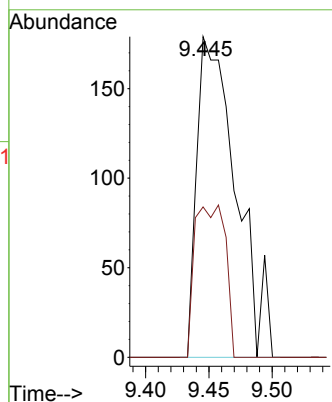
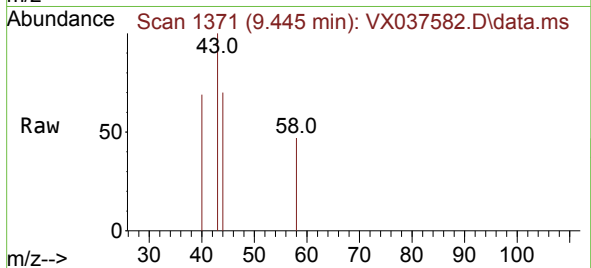
ClientSampleId :

Tgt Ion: 43 Resp: 386

Ion Ratio Lower Upper

43 100

58 37.0 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 45.504 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037582.D

Acq: 07 Sep 2023 16:39

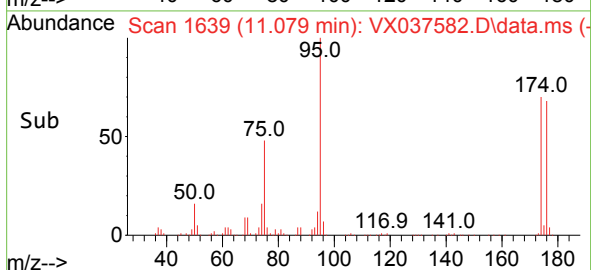
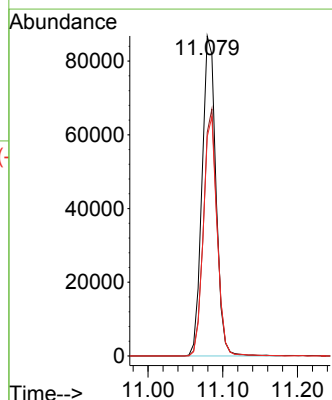
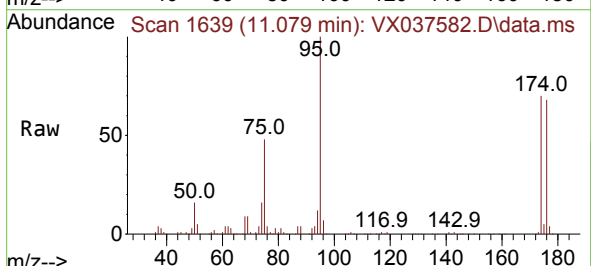
Tgt Ion: 95 Resp: 112194

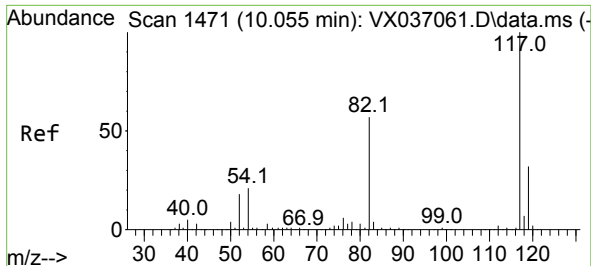
Ion Ratio Lower Upper

95 100

174 75.1 0.0 135.6

176 73.6 0.0 131.0

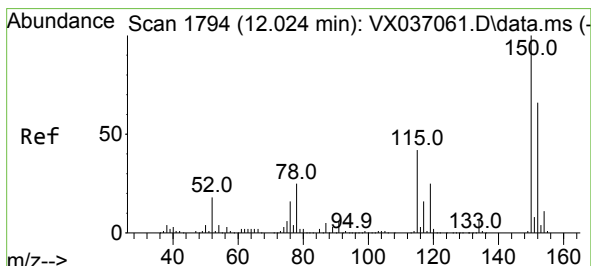
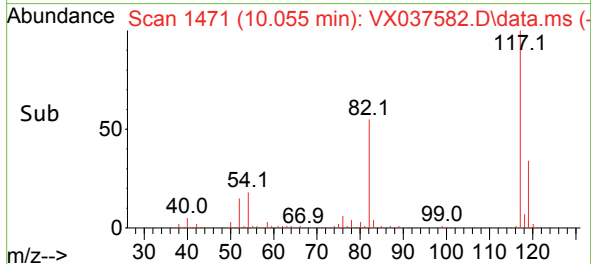
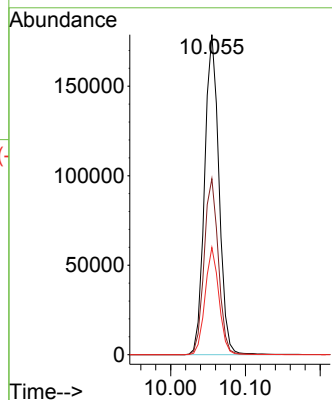
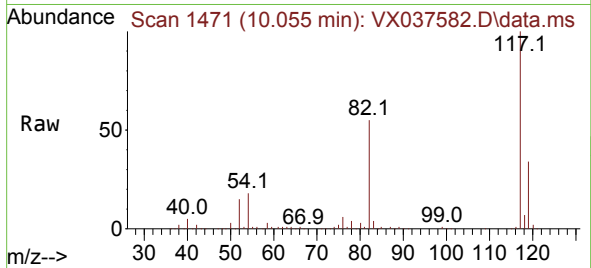




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

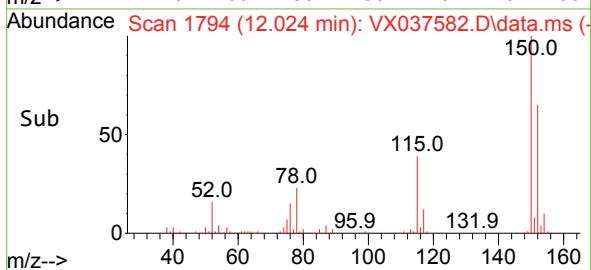
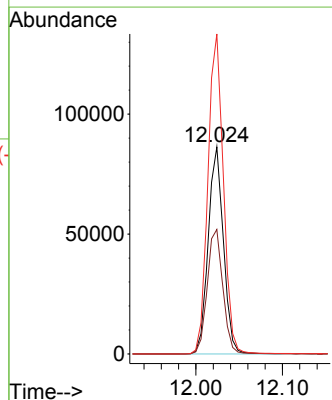
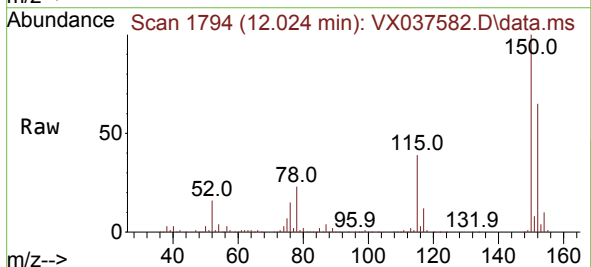
Instrument :
MSVOA_X
ClientSampleId :

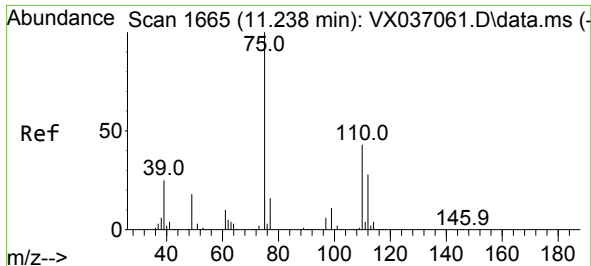
Tgt Ion:117 Resp: 238441
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 33.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Tgt Ion:152 Resp: 105669
Ion Ratio Lower Upper
152 100
115 61.6 43.3 129.9
150 156.6 0.0 345.0

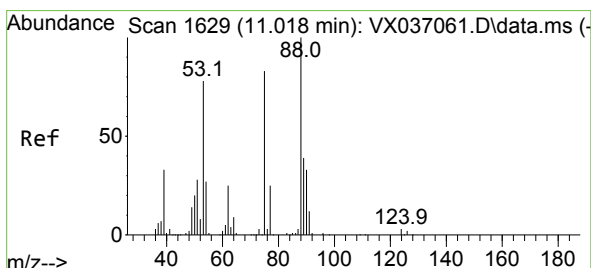
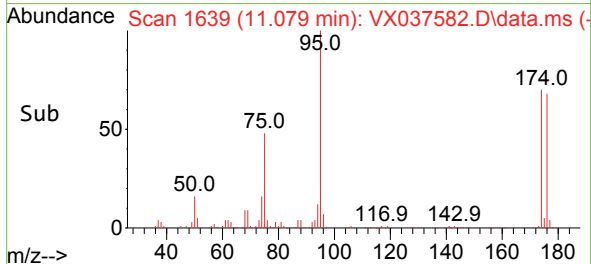
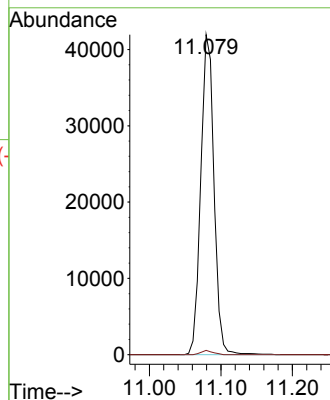
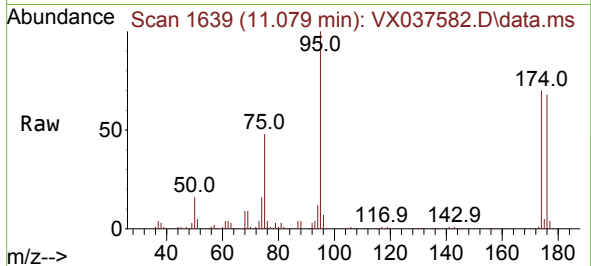




#76
1,2,3-Trichloropropane
Concen: 23.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 53796
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.768 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037582.D
Acq: 07 Sep 2023 16:39

Tgt Ion: 75 Resp: 53796
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

