

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037923.D
 Acq On : 27 Sep 2023 14:54
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 28 01:22:14 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)

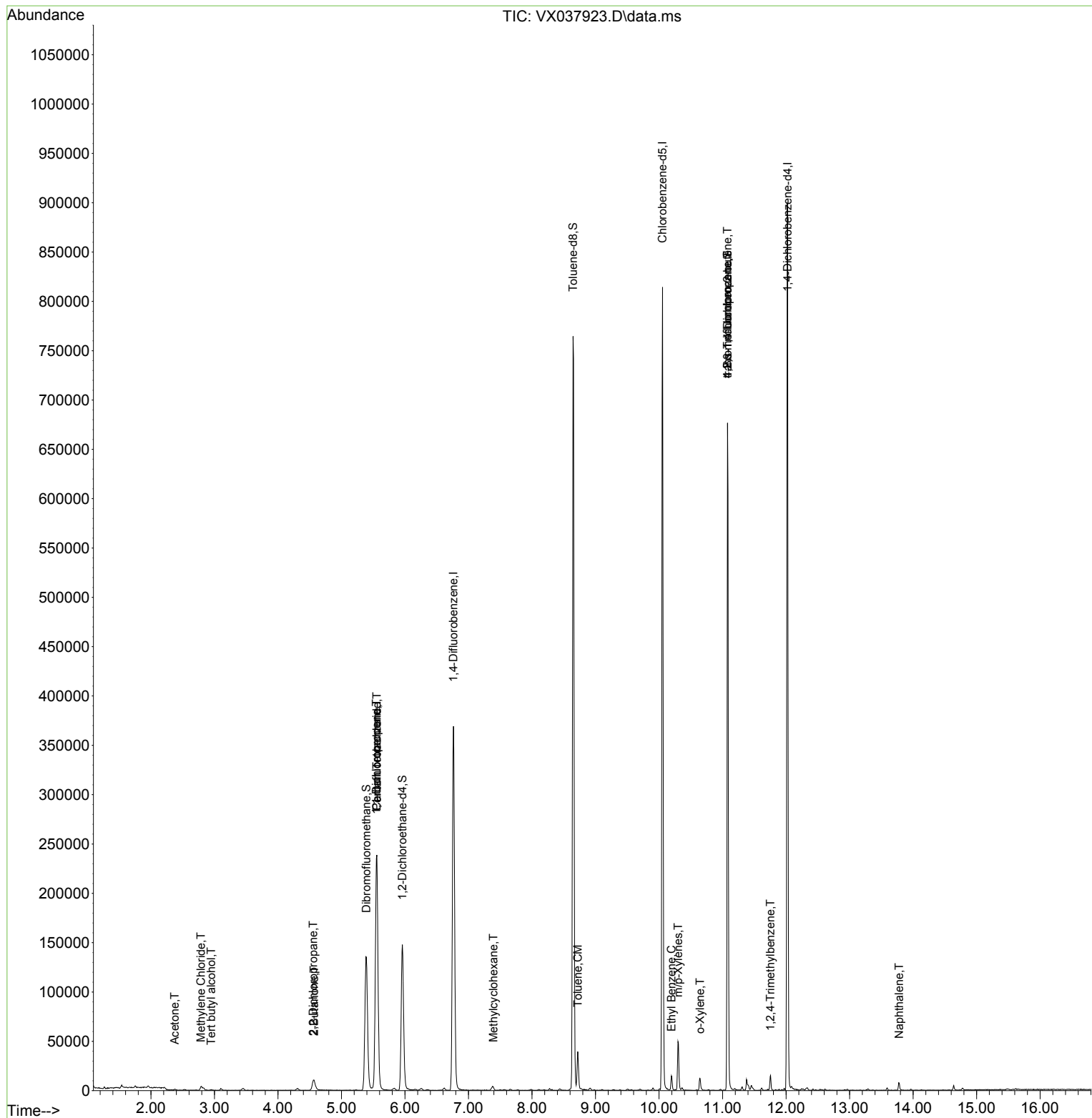
Internal Standards						
1) Pentafluorobenzene	5.556	168	234452	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	394338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	196632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142363	46.217	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.440%		
35) Dibromofluoromethane	5.391	113	119765	45.391	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.780%		
50) Toluene-d8	8.647	98	473635	48.311	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.620%		
62) 4-Bromofluorobenzene	11.079	95	177365	49.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.580%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	442	0.668	ug/l	# 78
16) Acetone	2.373	43	971	0.655	ug/l	# 84
20) Methylene Chloride	2.788	84	1864	0.655	ug/l	# 72
25) 2-Butanone	4.568	43	722	0.345	ug/l	# 87
26) 2,2-Dichloropropane	4.556	77	1000	0.260	ug/l	# 54
36) 1,1-Dichloropropene	5.550	75	17466	4.805	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	23357	6.142	ug/l	# 15
39) Methylcyclohexane	7.391	83	1858	0.403	ug/l	# 75
52) Toluene	8.720	92	14780	2.052	ug/l	91
67) Ethyl Benzene	10.195	91	8595	0.613	ug/l	97
68) m/p-Xylenes	10.299	106	12252	2.263	ug/l	97
69) o-Xylene	10.646	106	3180	0.586	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	89272	19.629	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	89272	62.880	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	7013	0.579	ug/l	98
95) Naphthalene	13.780	128	6334	0.468	ug/l	97

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

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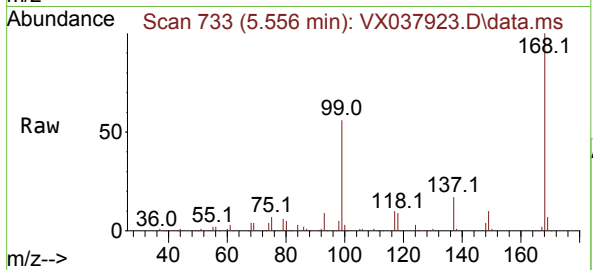
Quant Time: Sep 28 01:22:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration



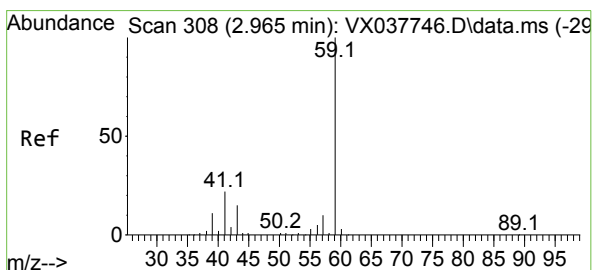
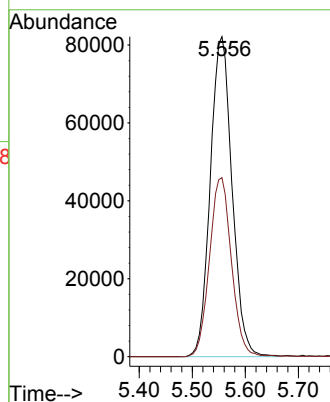
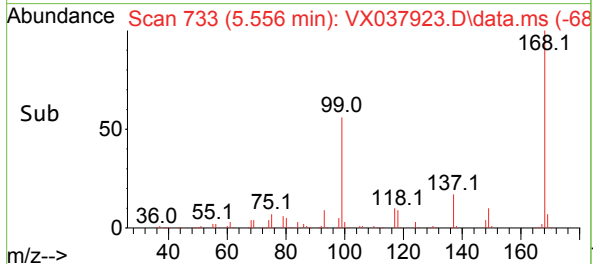


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

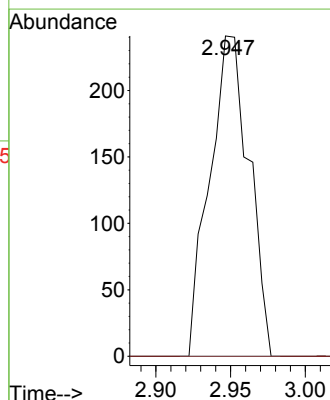
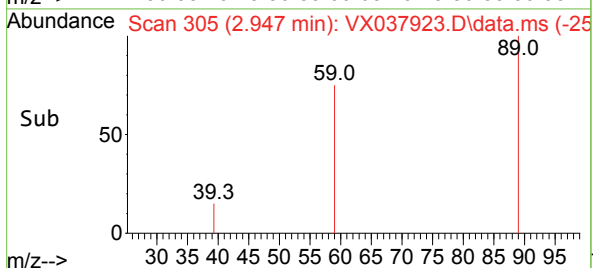
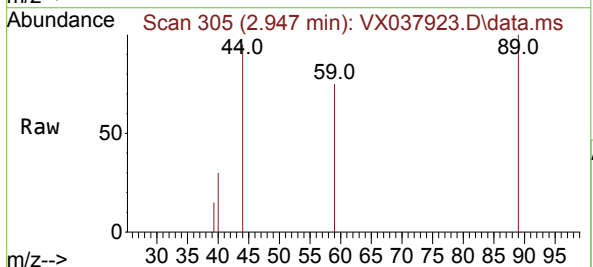


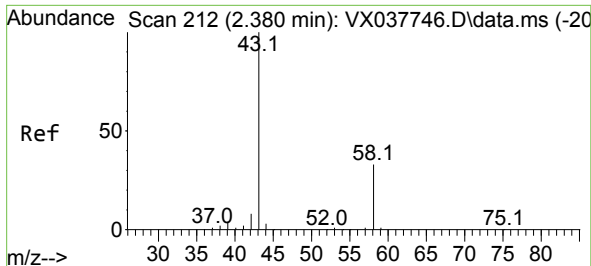
Tgt Ion:168 Resp: 234452
Ion Ratio Lower Upper
168 100
99 56.0 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.668 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

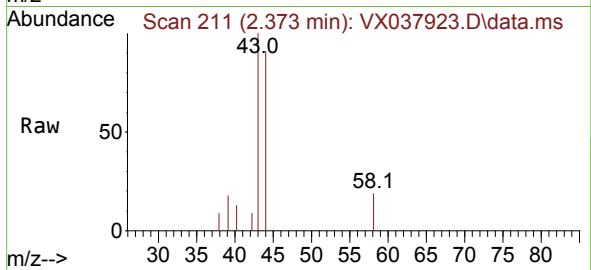
Tgt Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



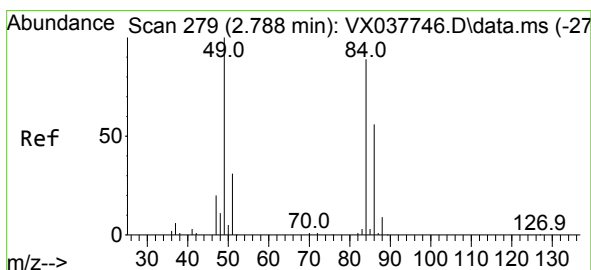
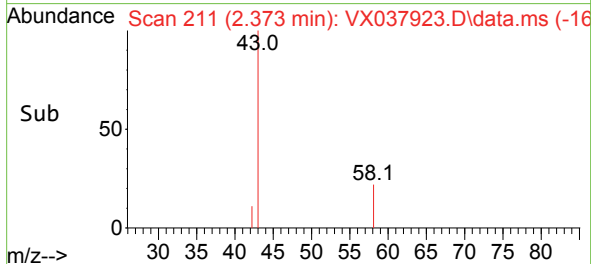
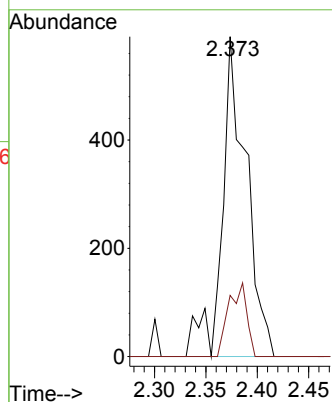


#16
Acetone
Concen: 0.655 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

Instrument :
MSVOA_X
ClientSampleId :

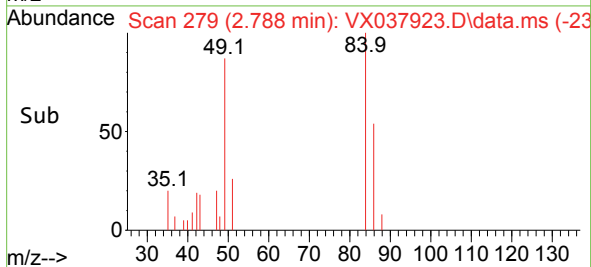
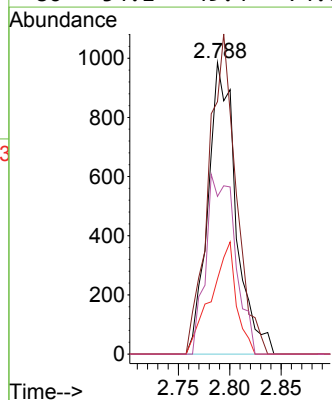
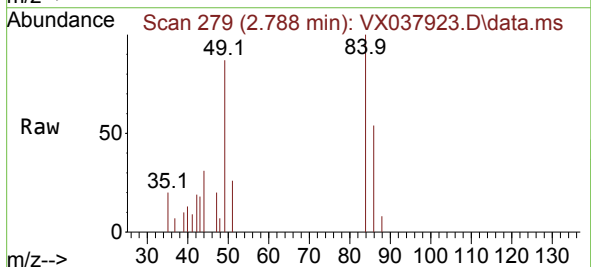


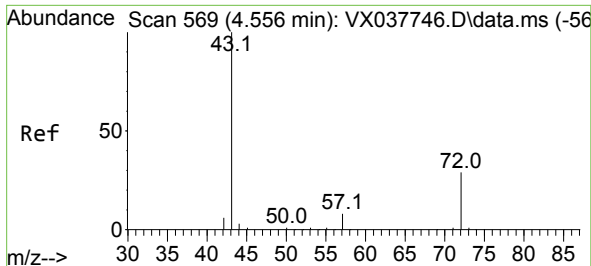
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
58 19.1 21.9 32.9#



#20
Methylene Chloride
Concen: 0.655 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

Tgt Ion: 84 Resp: 1864
Ion Ratio Lower Upper
84 100
49 86.6 103.6 155.4#
51 25.8 33.8 50.6#
86 54.1 49.4 74.0





#25

2-Butanone

Concen: 0.345 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

Instrument :

MSVOA_X

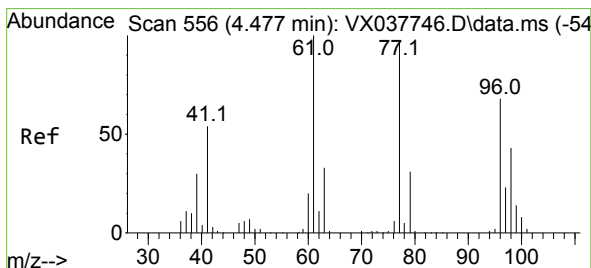
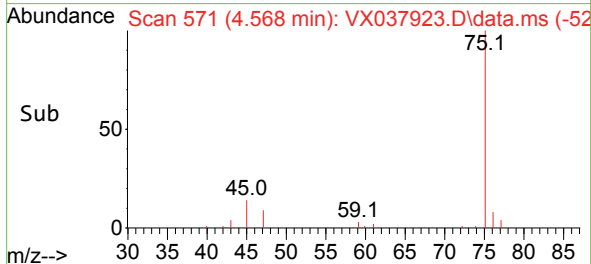
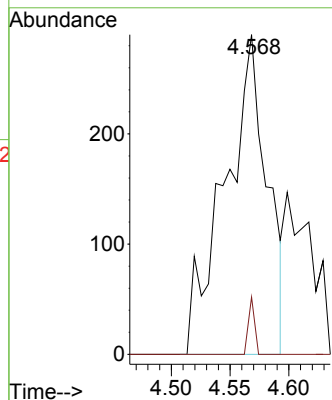
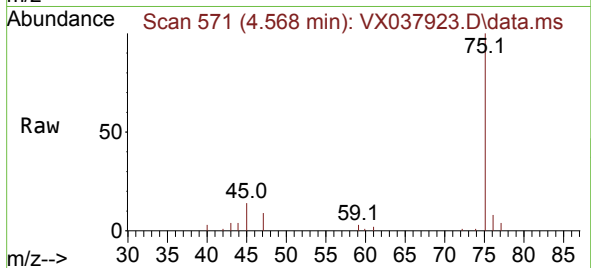
ClientSampleId :

Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

43 100

72 17.9 19.4 29.2#



#26

2,2-Dichloropropane

Concen: 0.260 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.079 min

Lab File: VX037923.D

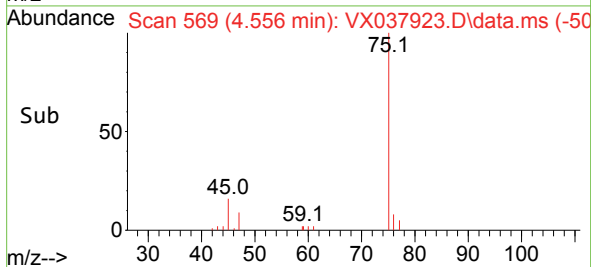
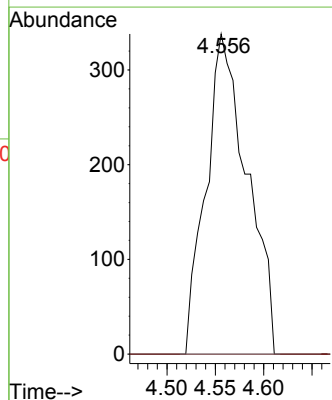
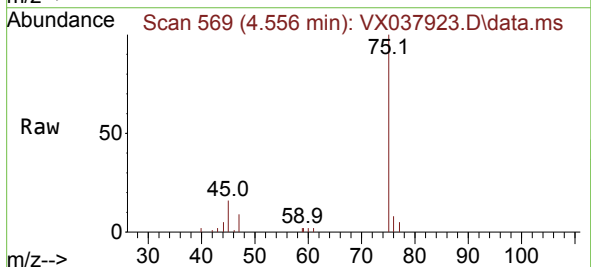
Acq: 27 Sep 2023 14:54

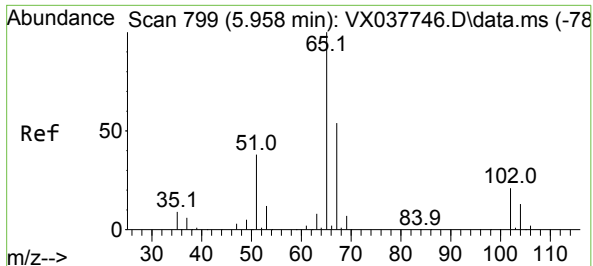
Tgt Ion: 77 Resp: 1000

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.3#





#33

1,2-Dichloroethane-d4

Concen: 46.217 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

Instrument :

MSVOA_X

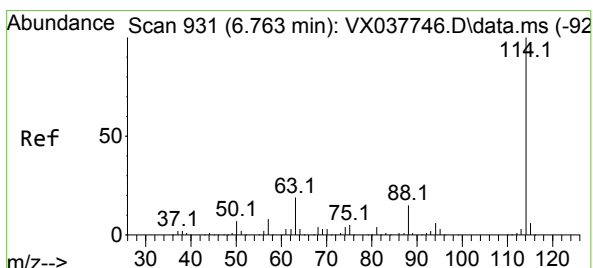
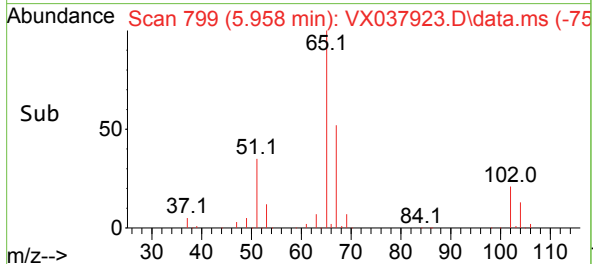
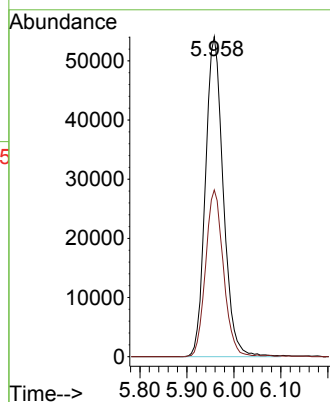
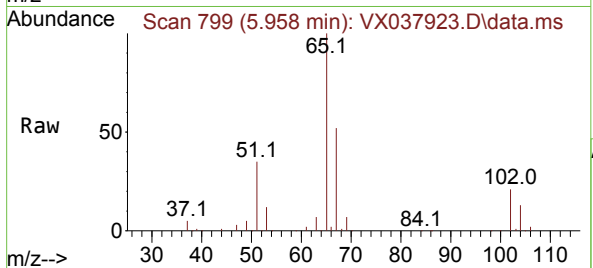
ClientSampleId :

Tgt Ion: 65 Resp: 142363

Ion Ratio Lower Upper

65 100

67 52.1 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: VX037923.D

Acq: 27 Sep 2023 14:54

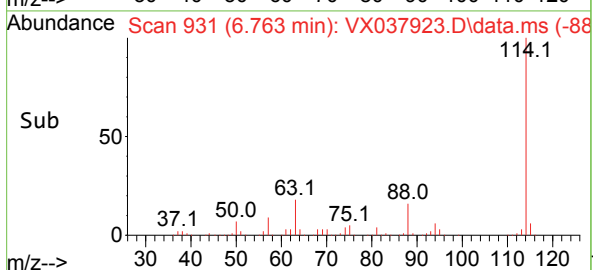
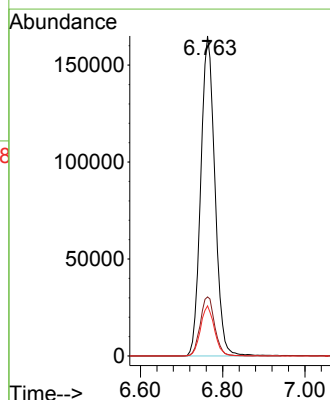
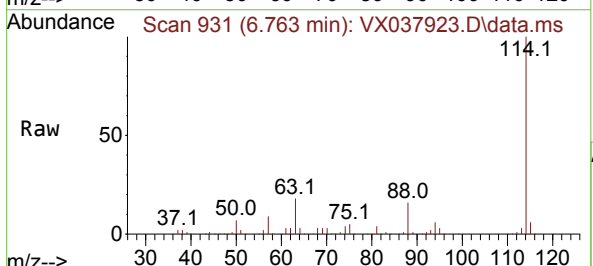
Tgt Ion:114 Resp: 394338

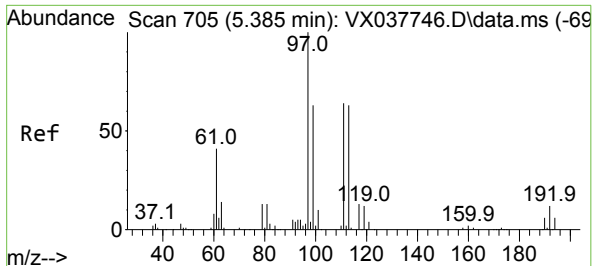
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.391 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

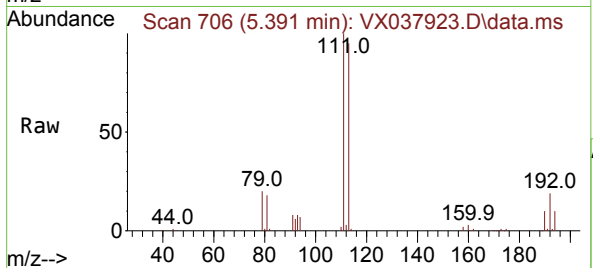
Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

Instrument :

MSVOA_X

ClientSampleId :



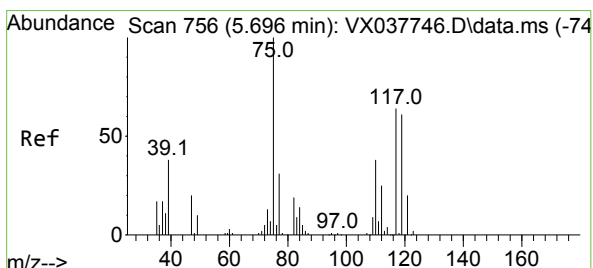
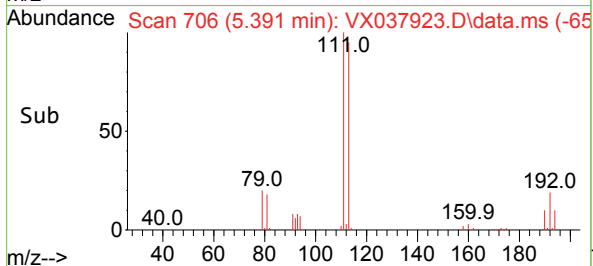
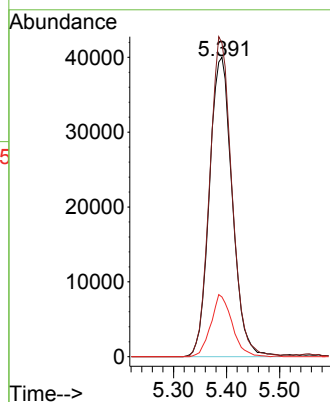
Tgt Ion:113 Resp: 119765

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

192 19.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

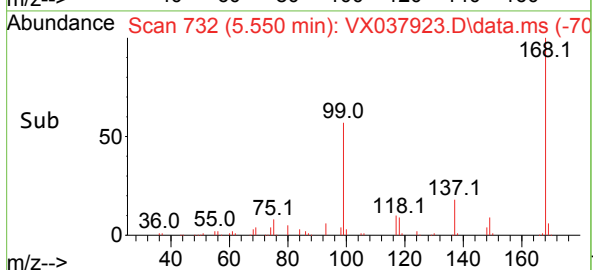
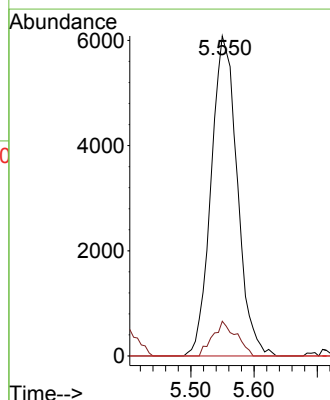
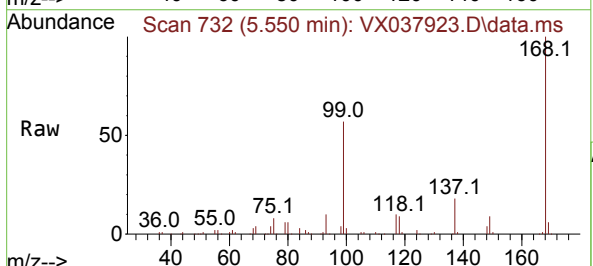
Tgt Ion: 75 Resp: 17466

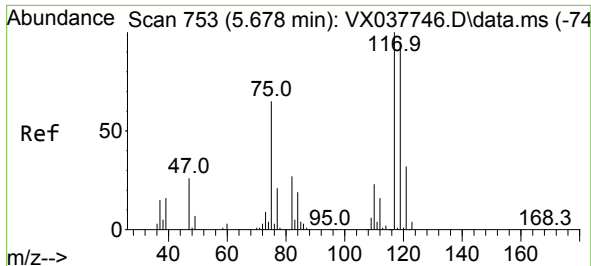
Ion Ratio Lower Upper

75 100

110 9.7 17.0 50.9#

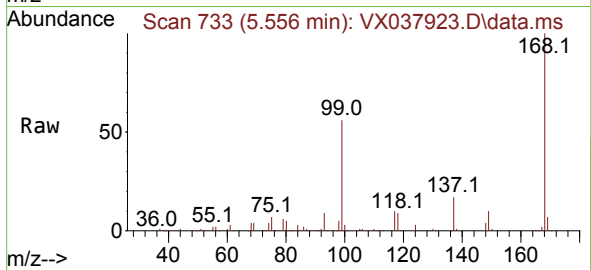
77 0.0 24.7 37.1#



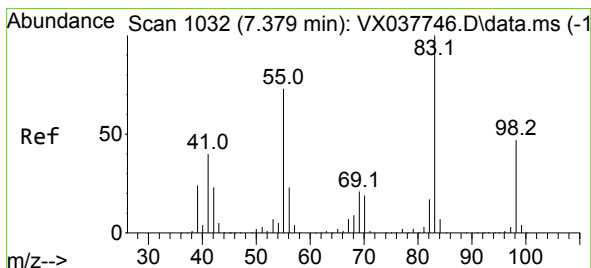
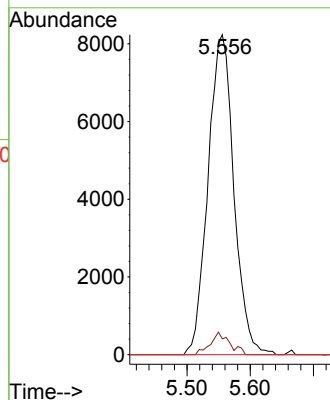
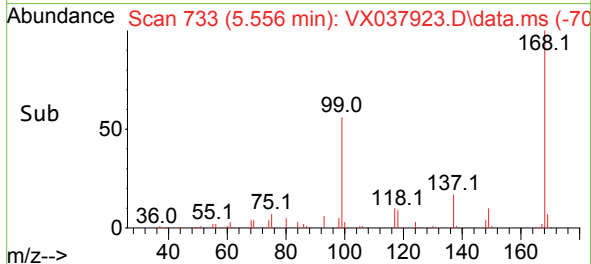


#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

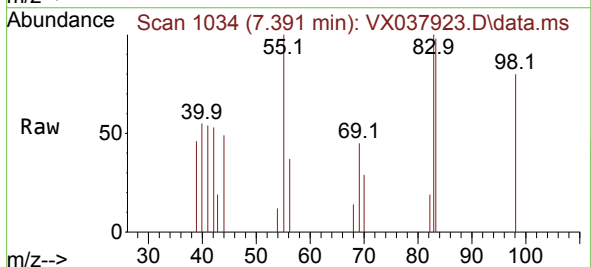
Instrument :
MSVOA_X
ClientSampleId :



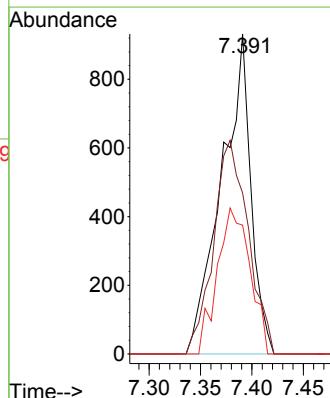
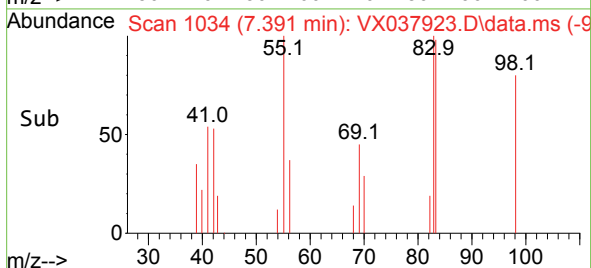
Tgt Ion:117 Resp: 23357
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

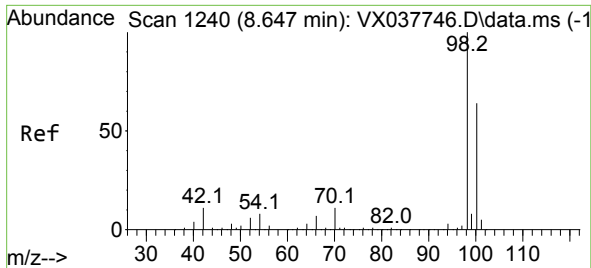


#39
Methylcyclohexane
Concen: 0.403 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.012 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54



Tgt Ion: 83 Resp: 1858
Ion Ratio Lower Upper
83 100
55 50.3 64.6 97.0#
98 40.2 36.7 55.1

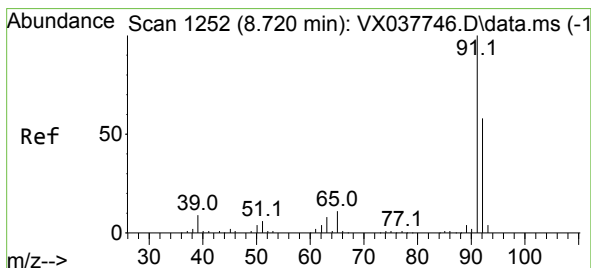
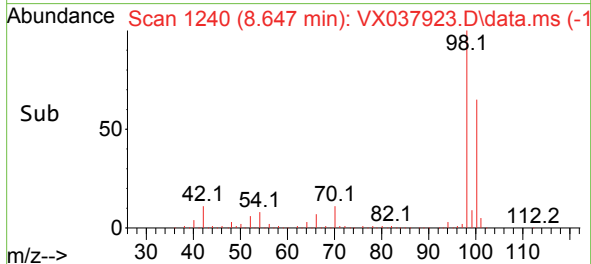
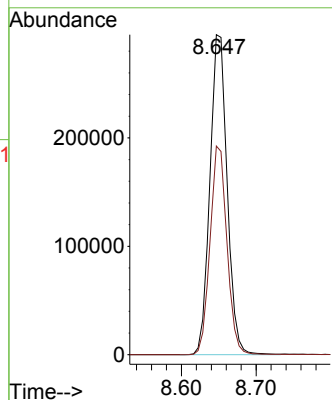
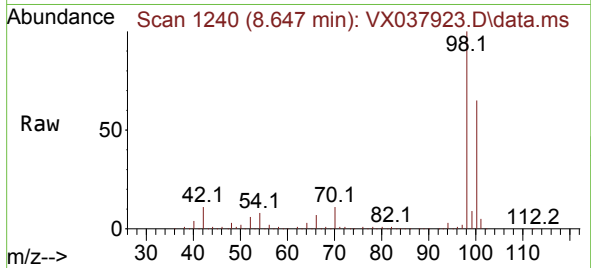




#50
Toluene-d8
Concen: 48.311 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

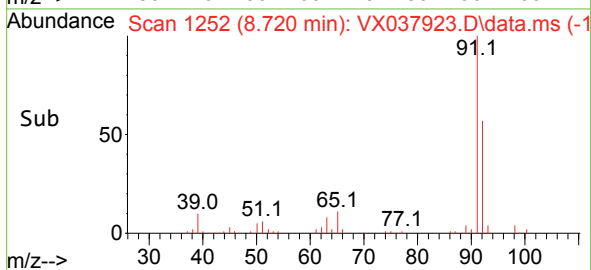
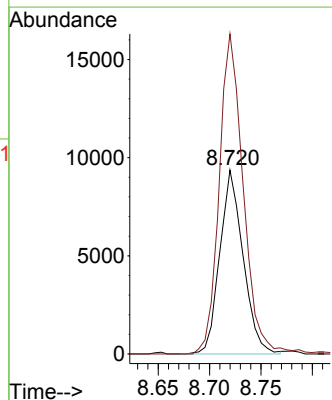
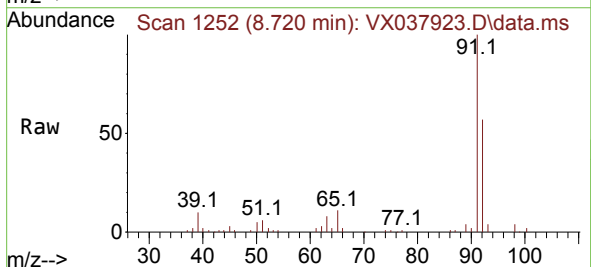
Instrument :
MSVOA_X
ClientSampleId :

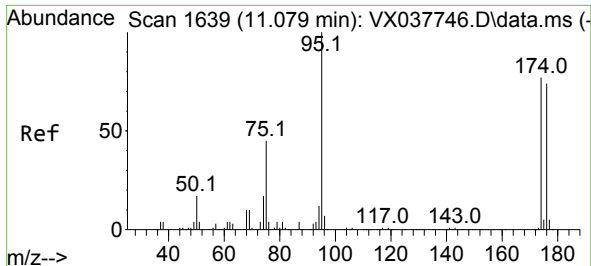
Tgt Ion: 98 Resp: 473635
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#52
Toluene
Concen: 2.052 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

Tgt Ion: 92 Resp: 14780
Ion Ratio Lower Upper
92 100
91 179.6 134.2 201.2

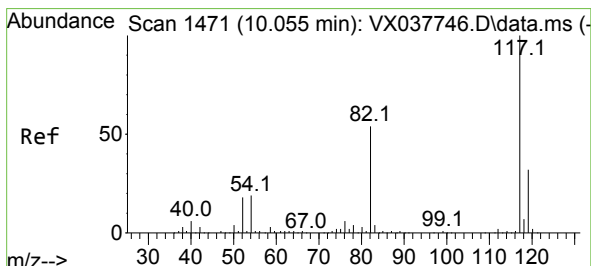
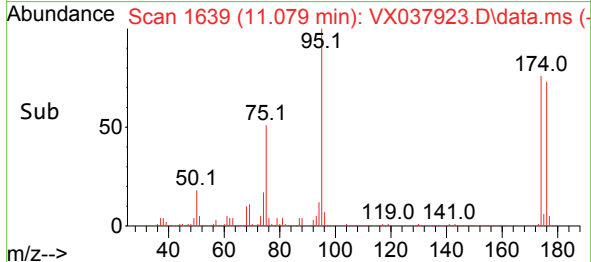
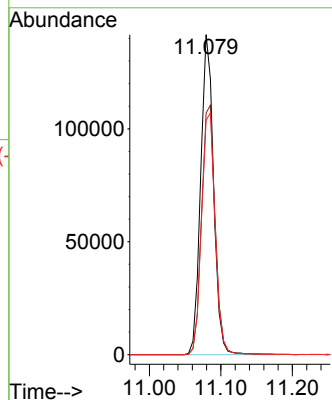
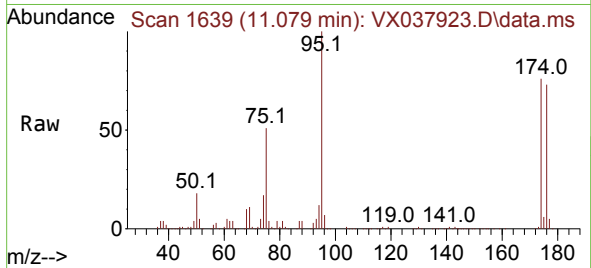




#62
4-Bromofluorobenzene
Concen: 49.786 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

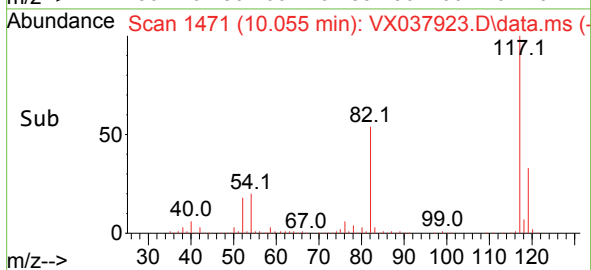
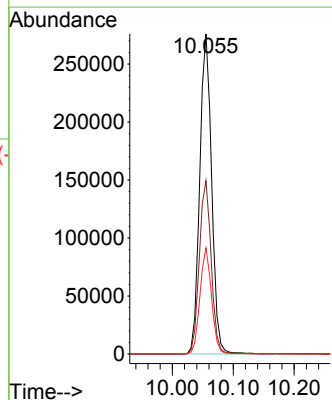
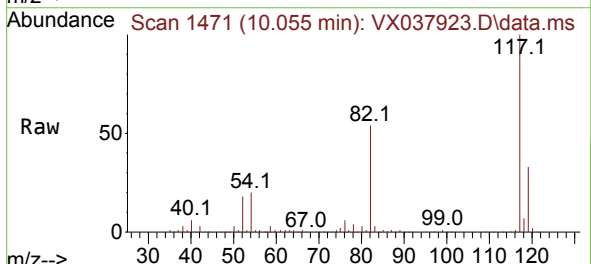
Instrument :
MSVOA_X
ClientSampleId :

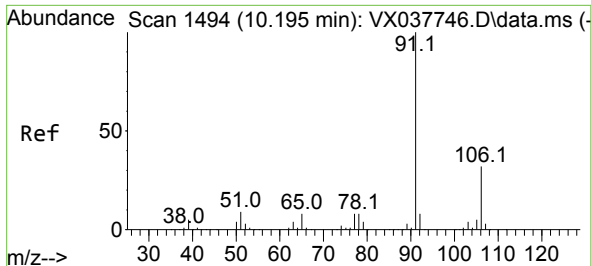
Tgt Ion: 95 Resp: 177365
Ion Ratio Lower Upper
95 100
174 82.4 0.0 135.6
176 80.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

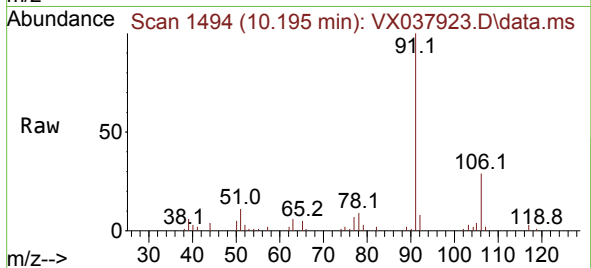
Tgt Ion: 117 Resp: 374722
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 33.1 25.5 38.3



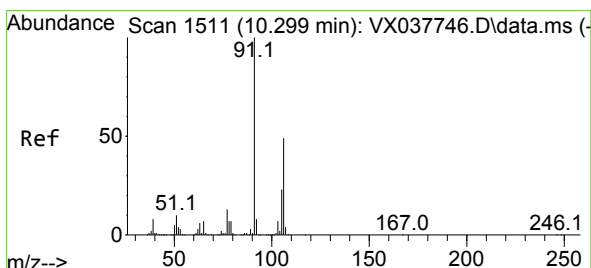
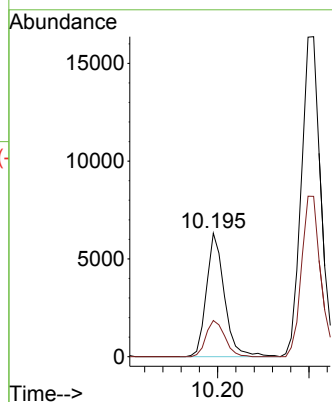
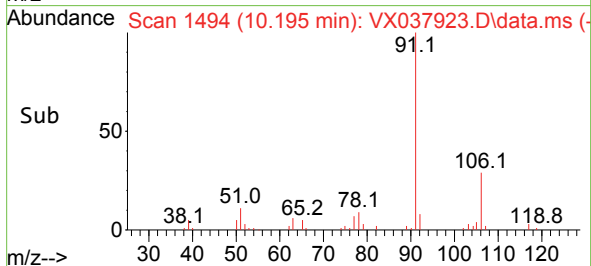


#67
Ethyl Benzene
Concen: 0.613 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54

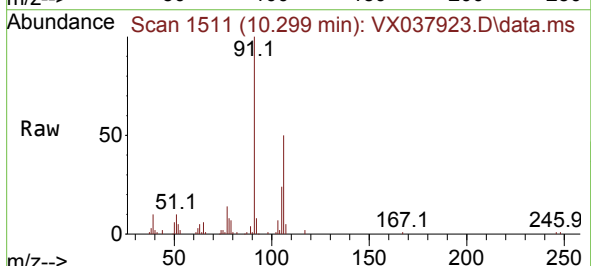
Instrument :
MSVOA_X
ClientSampleId :



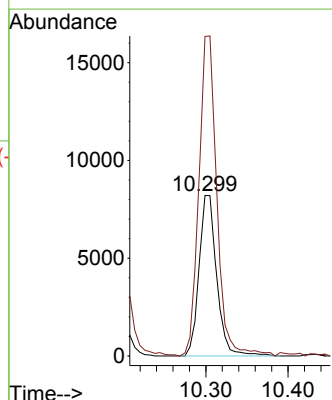
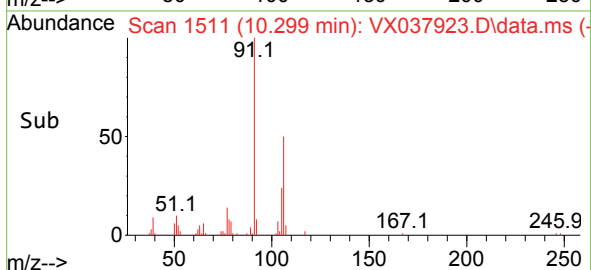
Tgt Ion: 91 Resp: 8595
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

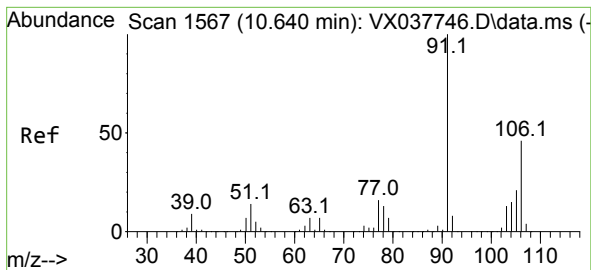


#68
m/p-Xylenes
Concen: 2.263 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX037923.D
Acq: 27 Sep 2023 14:54



Tgt Ion: 106 Resp: 12252
Ion Ratio Lower Upper
106 100
91 202.8 165.5 248.3





#69

o-Xylene

Concen: 0.586 ug/l

RT: 10.646 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

Instrument :

MSVOA_X

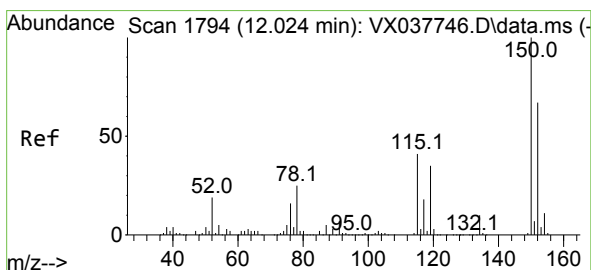
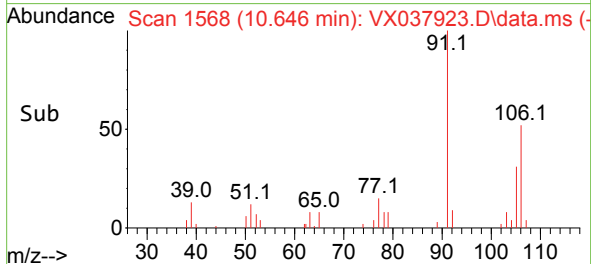
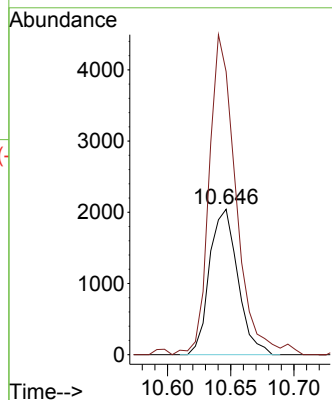
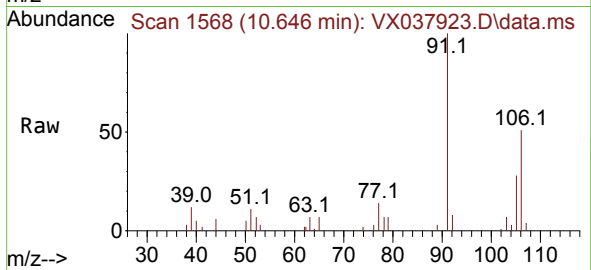
ClientSampleId :

Tgt Ion:106 Resp: 3180

Ion Ratio Lower Upper

106 100

91 208.4 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

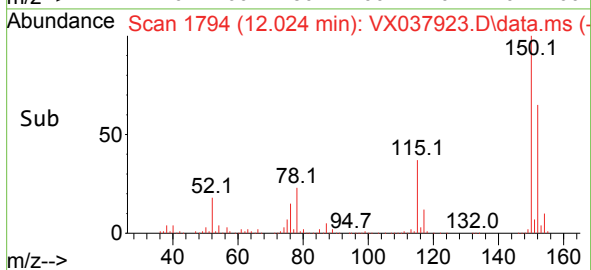
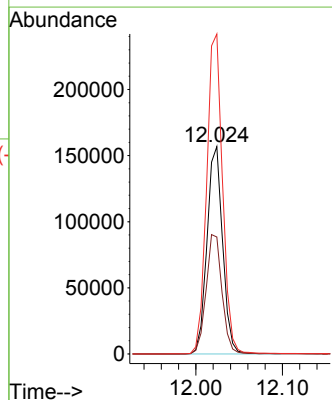
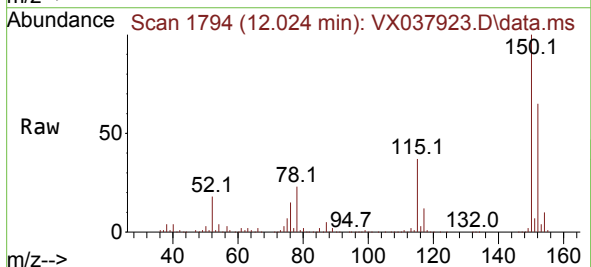
Tgt Ion:152 Resp: 196632

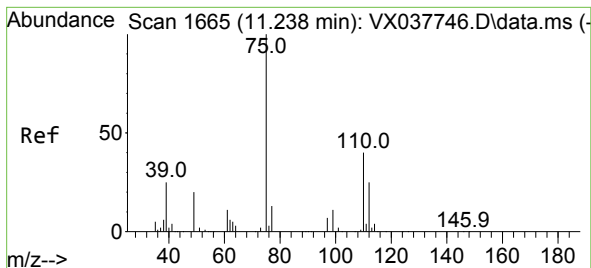
Ion Ratio Lower Upper

152 100

115 58.9 43.3 129.9

150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.629 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

Instrument :

MSVOA_X

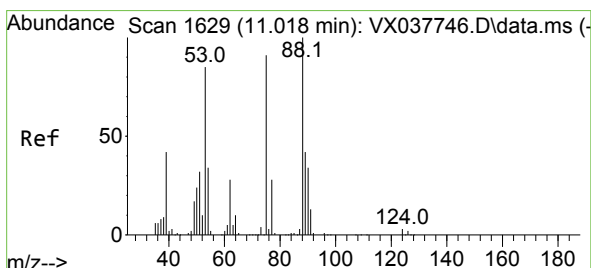
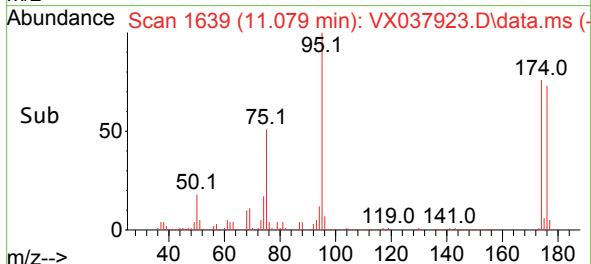
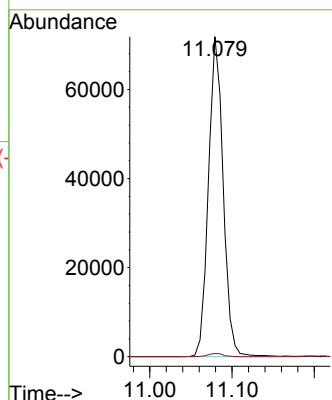
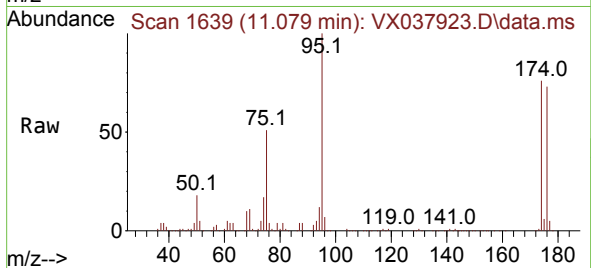
ClientSampleId :

Tgt Ion: 75 Resp: 89272

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.880 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

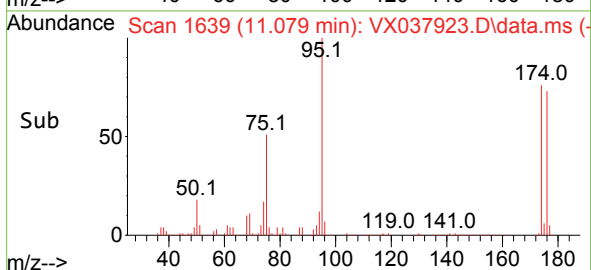
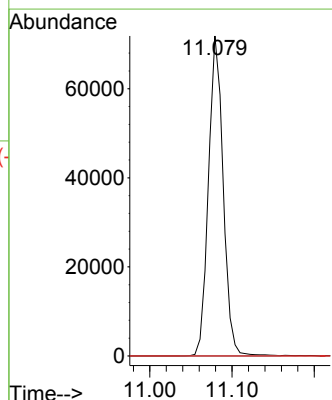
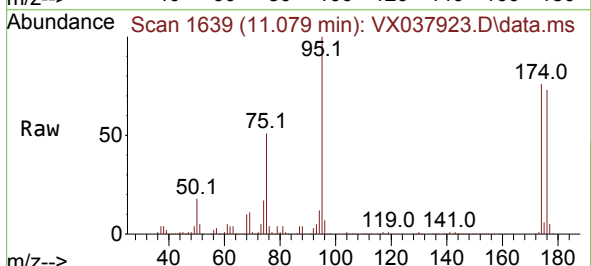
Tgt Ion: 75 Resp: 89272

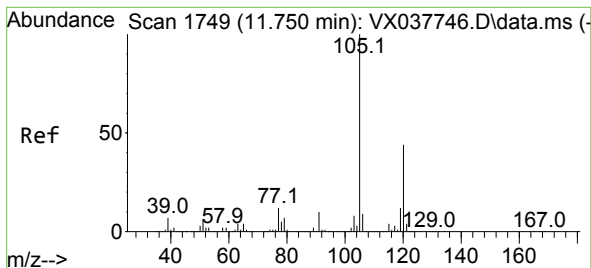
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.579 ug/l

RT: 11.756 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

Instrument :

MSVOA_X

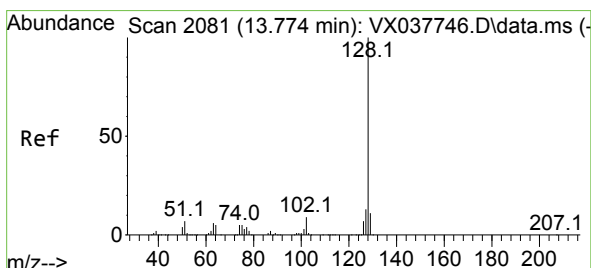
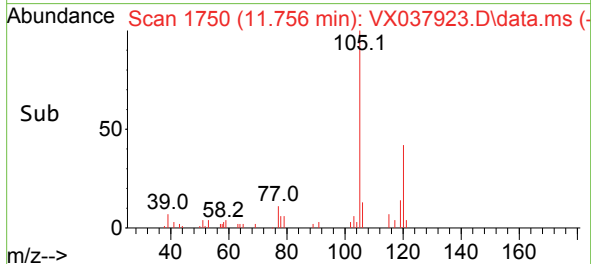
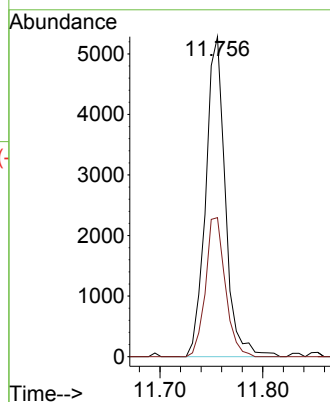
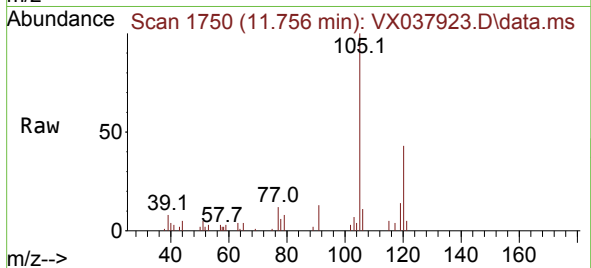
ClientSampleId :

Tgt Ion:105 Resp: 7013

Ion Ratio Lower Upper

105 100

120 43.9 21.2 63.6



#95

Naphthalene

Concen: 0.468 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX037923.D

Acq: 27 Sep 2023 14:54

Tgt Ion:128 Resp: 6334

Ion Ratio Lower Upper

128 100

127 11.6 10.3 15.5

129 11.9 8.8 13.2

