

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037629.D
 Acq On : 09 Sep 2023 15:48
 Operator : JC/MD
 Sample : 04296-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 01:23:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238055	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80781	41.670	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.340%
35) Dibromofluoromethane	5.385	113	72447	43.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.020%
50) Toluene-d8	8.647	98	282181	46.207	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.420%
62) 4-Bromofluorobenzene	11.079	95	99889	43.400	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.800%

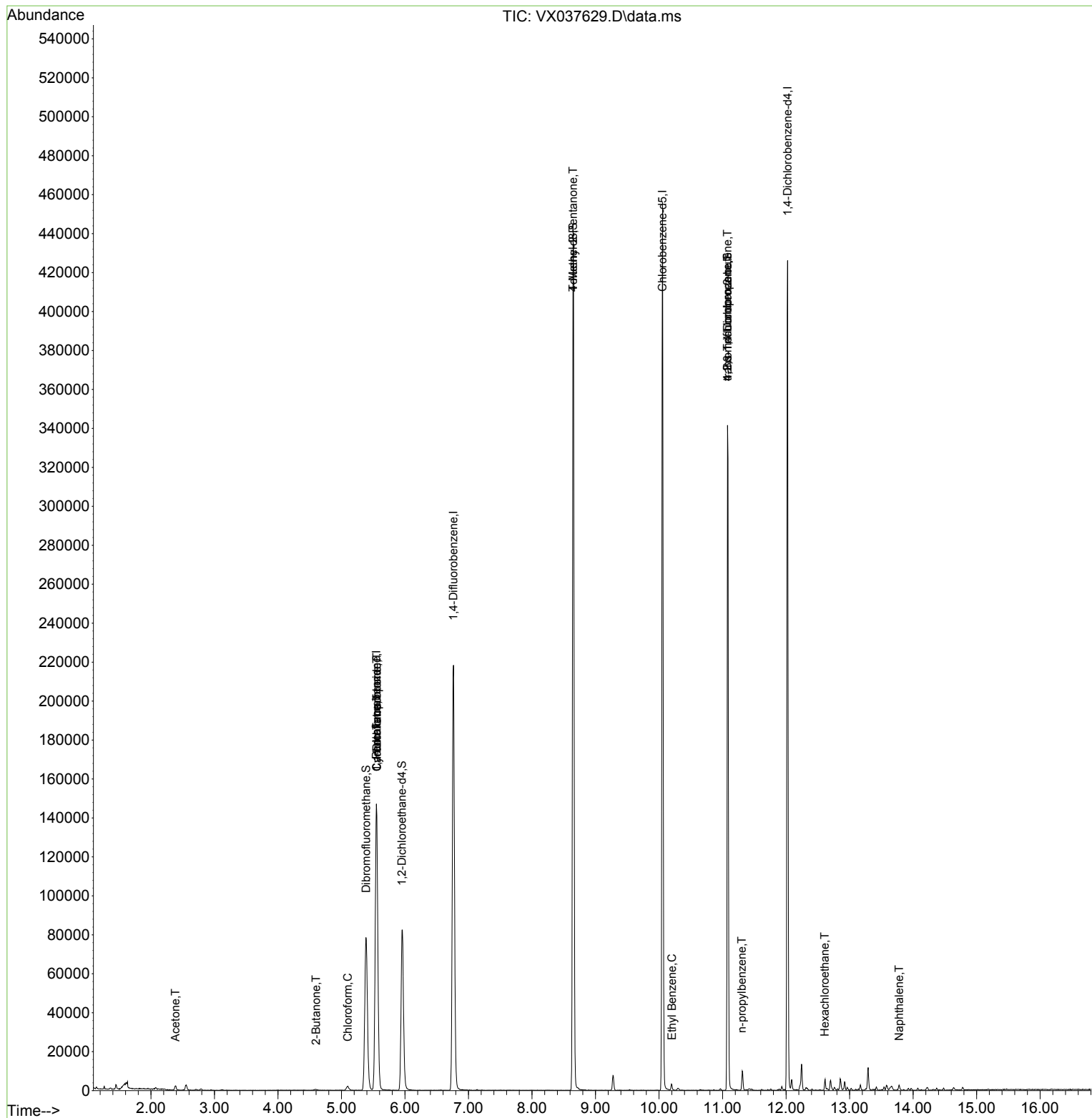
Target Compounds					Qvalue	
16) Acetone	2.386	43	2579	3.235	ug/l #	70
20) Methylene Chloride	2.782	84	407	Below Cal	#	81
25) 2-Butanone	4.599	43	289	0.239	ug/l #	51
30) Chloroform	5.098	83	2696	0.842	ug/l	93
31) Cyclohexane	5.556	56	2465	1.045	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10216	4.644	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14274	6.279	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	889	0.414	ug/l #	1
67) Ethyl Benzene	10.201	91	2166	0.268	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	47407	21.599	ug/l #	39
78) n-propylbenzene	11.305	91	1780	0.227	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	47407	64.508	ug/l #	5
90) Hexachloroethane	12.609	117	293	0.280	ug/l #	17
95) Naphthalene	13.780	128	2220	0.318	ug/l #	95

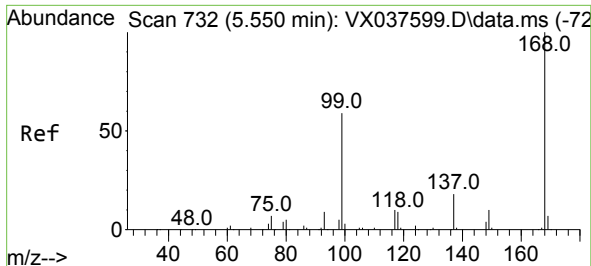
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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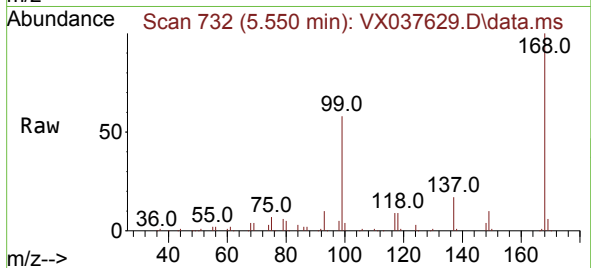
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration



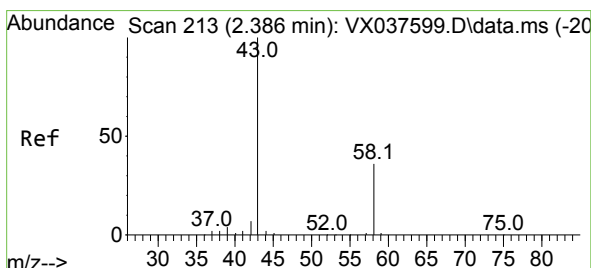
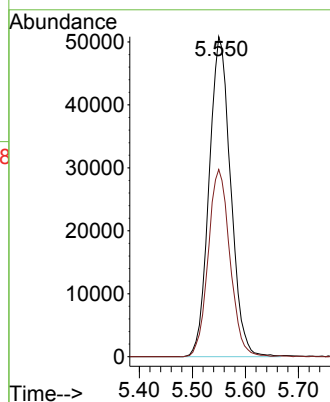
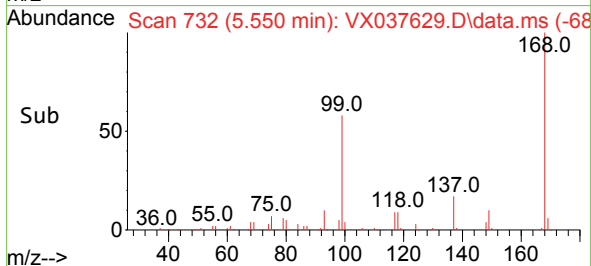


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :

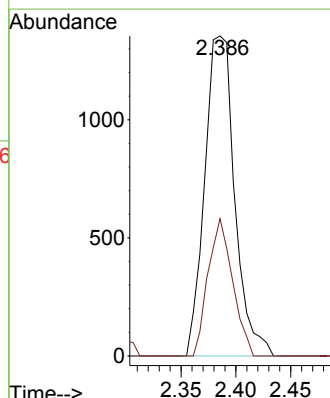
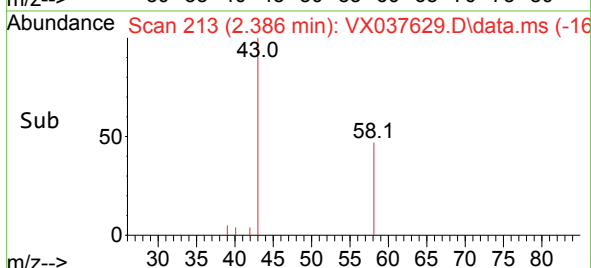
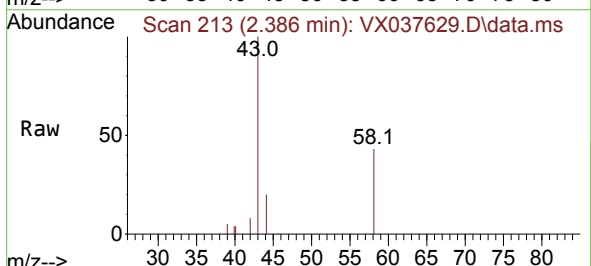


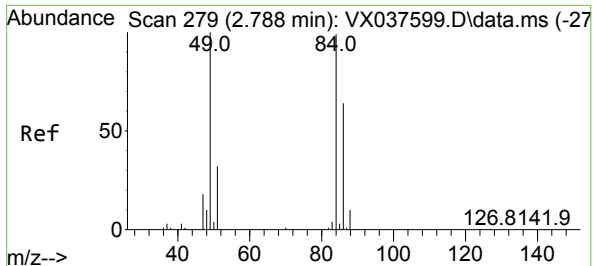
Tgt Ion:168 Resp: 143613
Ion Ratio Lower Upper
168 100
99 58.5 56.6 85.0



#16
Acetone
Concen: 3.235 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

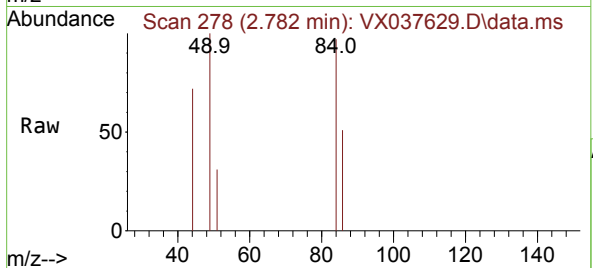
Tgt Ion: 43 Resp: 2579
Ion Ratio Lower Upper
43 100
58 42.9 21.9 32.9#



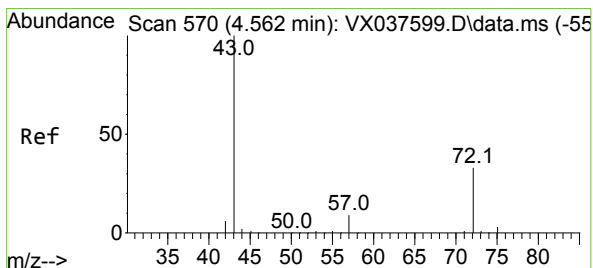
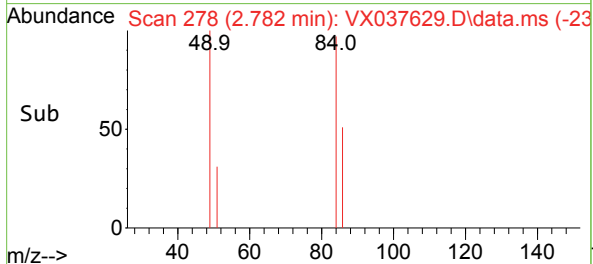
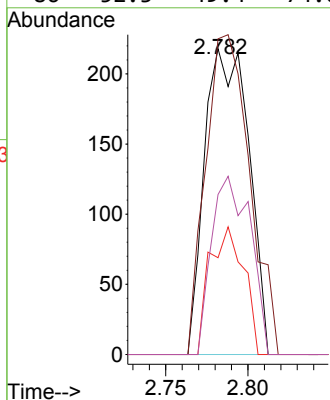


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :

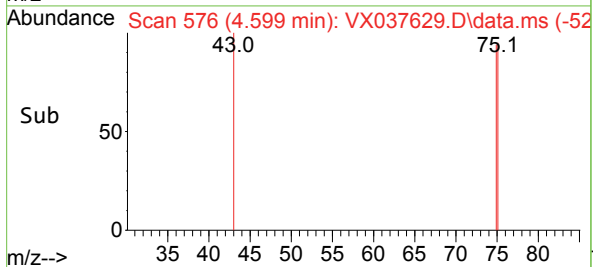
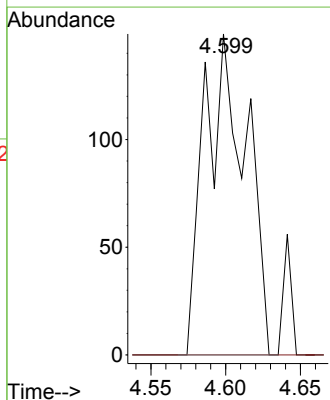
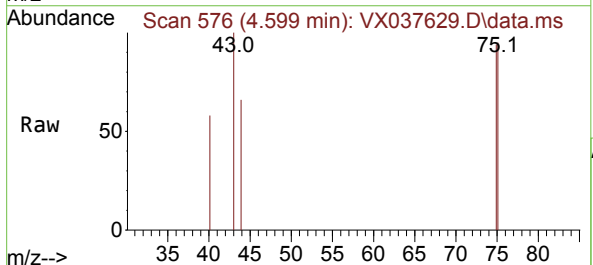


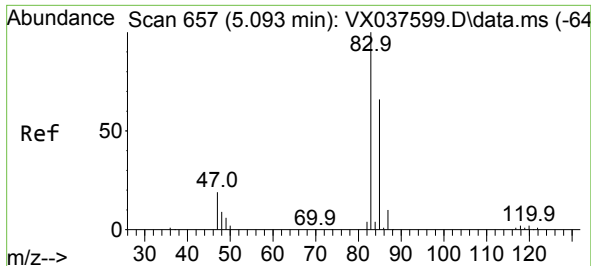
Tgt Ion: 84 Resp: 407
Ion Ratio Lower Upper
84 100
49 103.2 103.6 155.4#
51 31.7 33.8 50.6#
86 52.3 49.4 74.0



#25
2-Butanone
Concen: 0.239 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.036 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

Tgt Ion: 43 Resp: 289
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#





#30

Chloroform

Concen: 0.842 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX037629.D

Acq: 09 Sep 2023 15:48

Instrument :

MSVOA_X

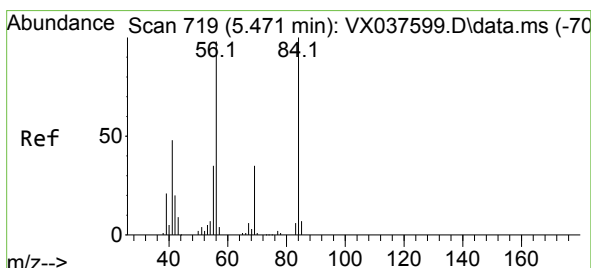
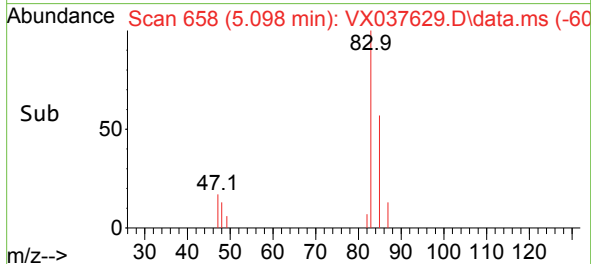
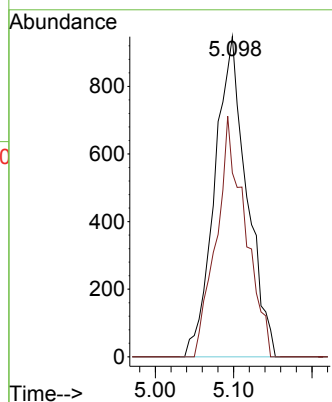
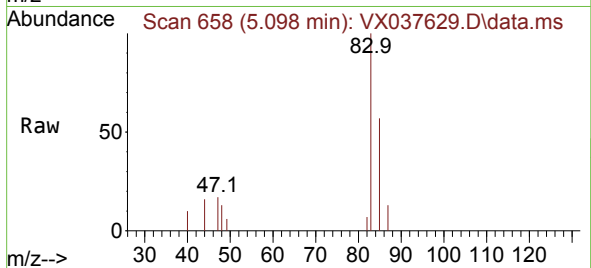
ClientSampleId :

Tgt Ion: 83 Resp: 2696

Ion Ratio Lower Upper

83 100

85 57.4 50.3 75.5



#31

Cyclohexane

Concen: 1.045 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037629.D

Acq: 09 Sep 2023 15:48

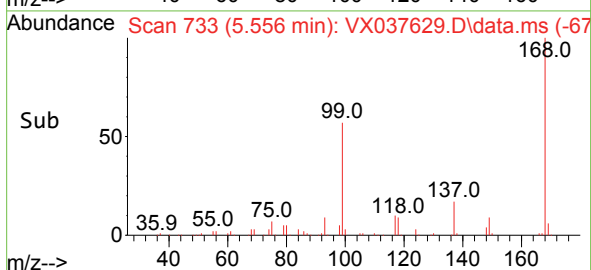
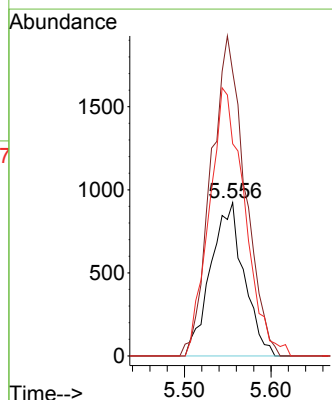
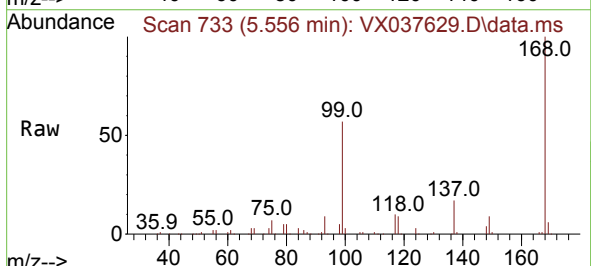
Tgt Ion: 56 Resp: 2465

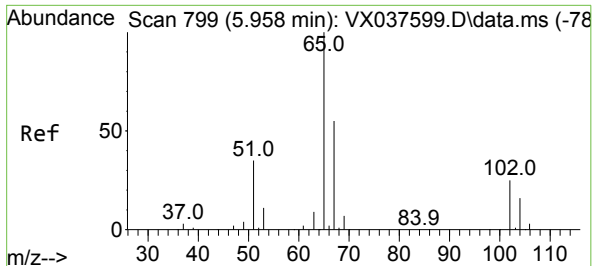
Ion Ratio Lower Upper

56 100

69 185.4 23.4 35.2#

84 138.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.670 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037629.D

Acq: 09 Sep 2023 15:48

Instrument :

MSVOA_X

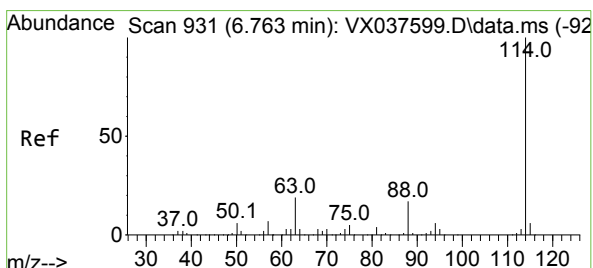
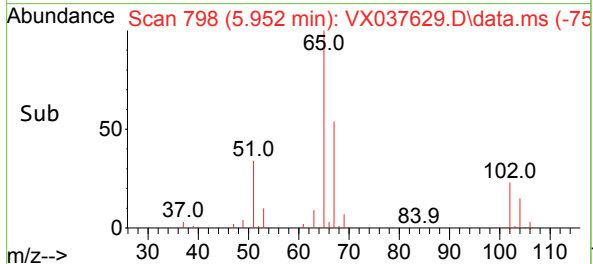
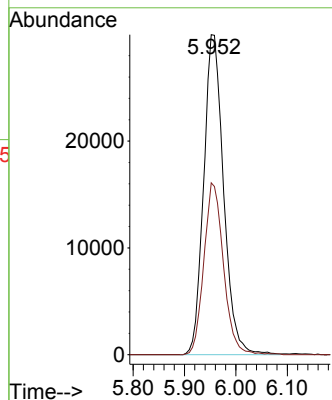
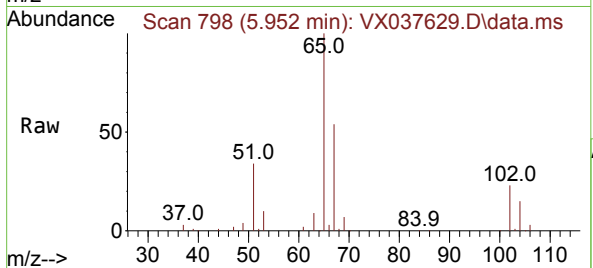
ClientSampleId :

Tgt Ion: 65 Resp: 80781

Ion Ratio Lower Upper

65 100

67 52.9 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: VX037629.D

Acq: 09 Sep 2023 15:48

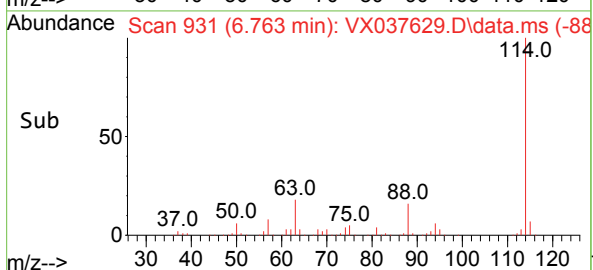
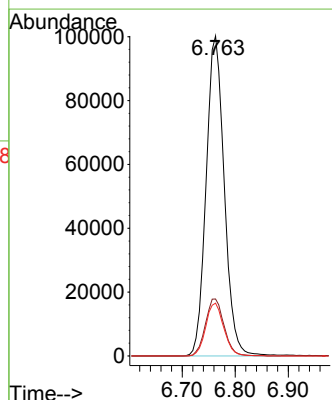
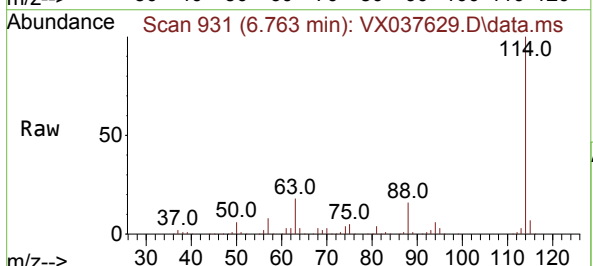
Tgt Ion: 114 Resp: 238055

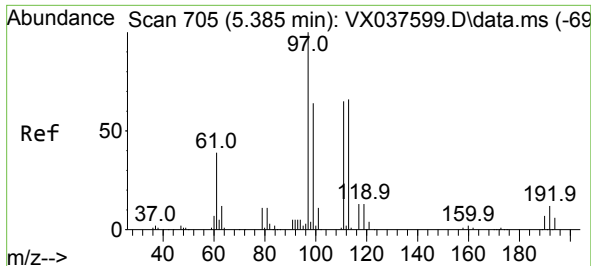
Ion Ratio Lower Upper

114 100

63 17.8 0.0 45.0

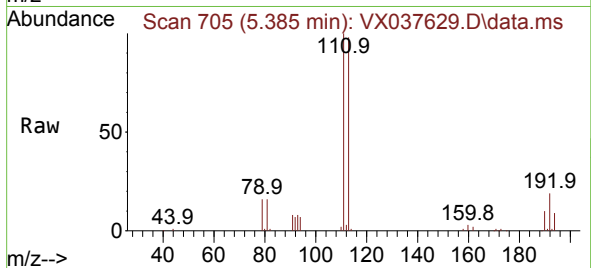
88 16.5 0.0 36.6



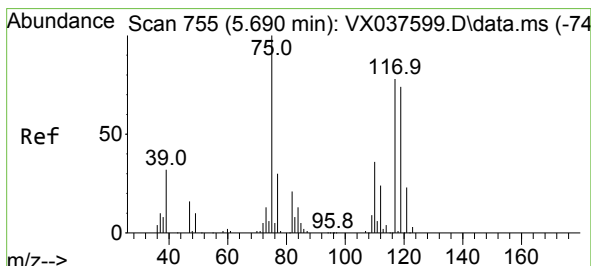
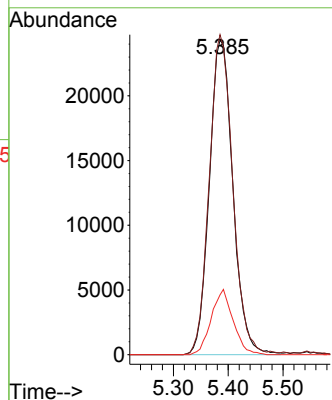
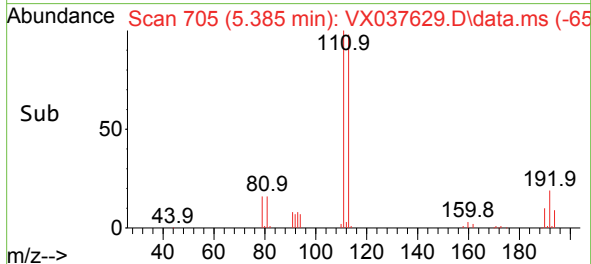


#35
Dibromofluoromethane
Concen: 43.510 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :

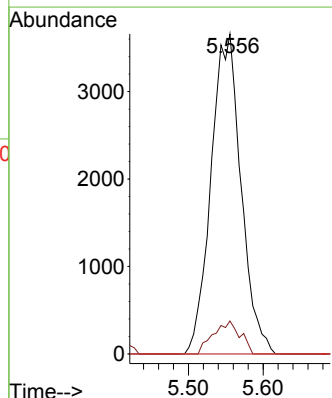
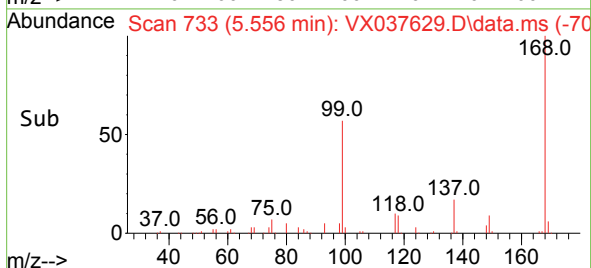
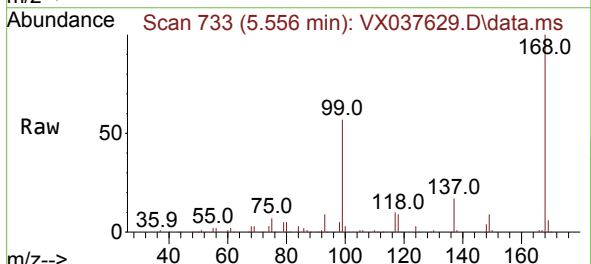


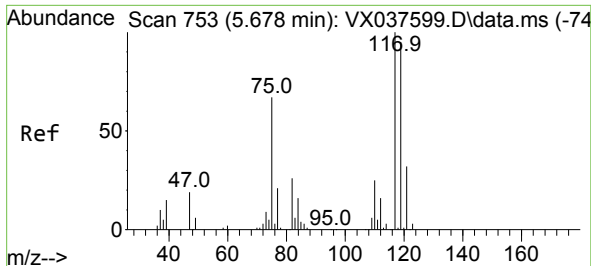
Tgt Ion:113 Resp: 72447
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 19.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

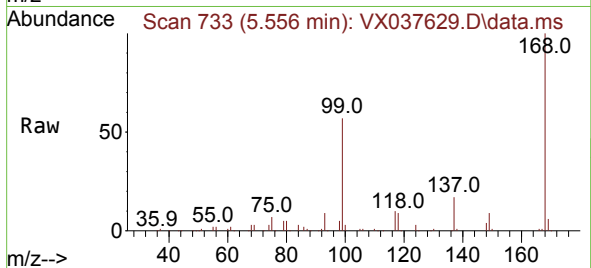
Tgt Ion: 75 Resp: 10216
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



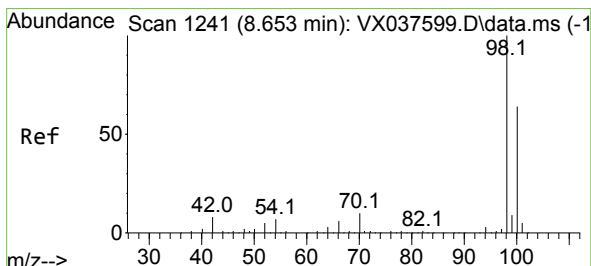
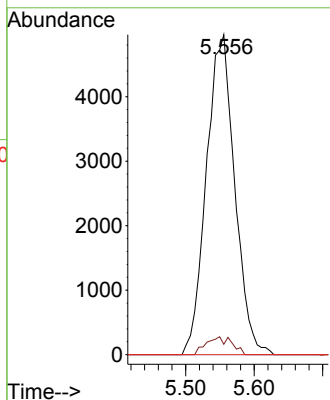
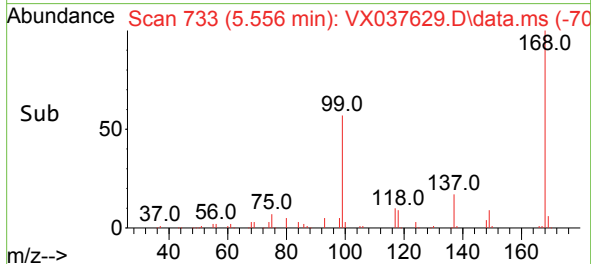


#38
Carbon Tetrachloride
Concen: 6.279 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :

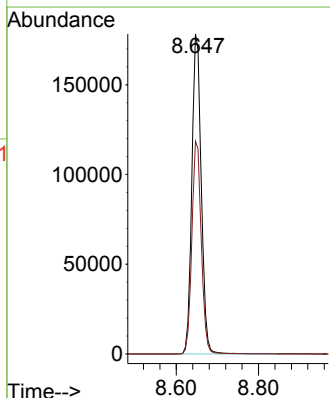
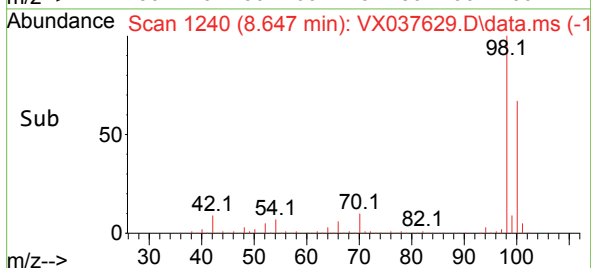
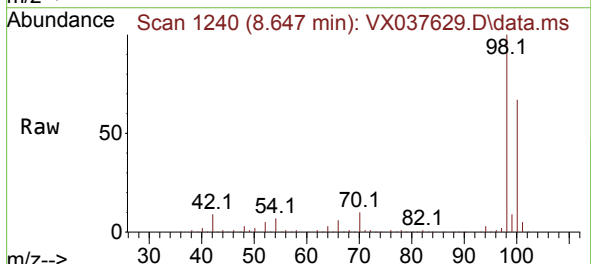


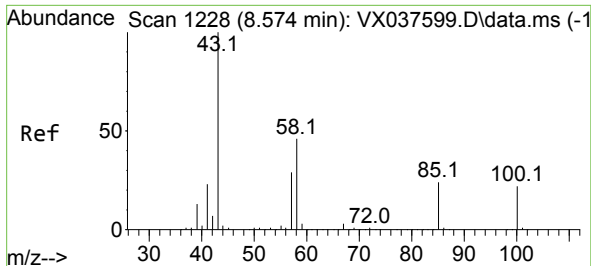
Tgt Ion:117 Resp: 14274
Ion Ratio Lower Upper
117 100
119 3.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.207 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

Tgt Ion: 98 Resp: 282181
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.414 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX037629.D

Acq: 09 Sep 2023 15:48

Instrument :

MSVOA_X

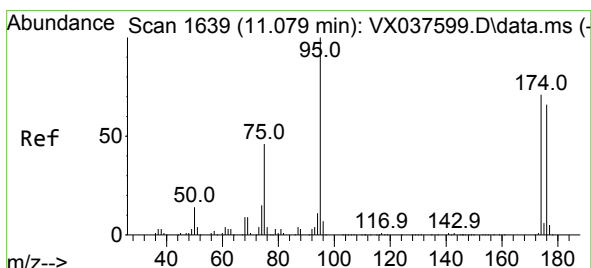
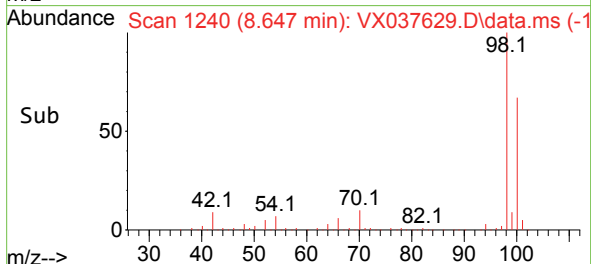
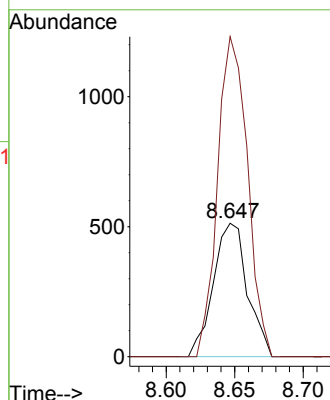
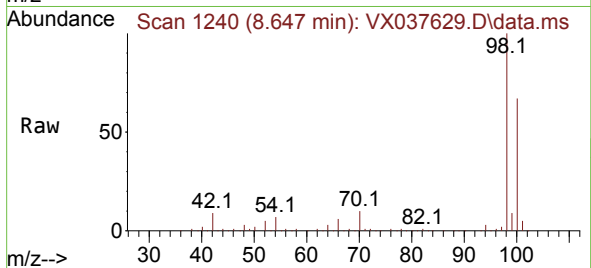
ClientSampleId :

Tgt Ion: 43 Resp: 889

Ion Ratio Lower Upper

43 100

58 210.6 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 43.400 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX037629.D

Acq: 09 Sep 2023 15:48

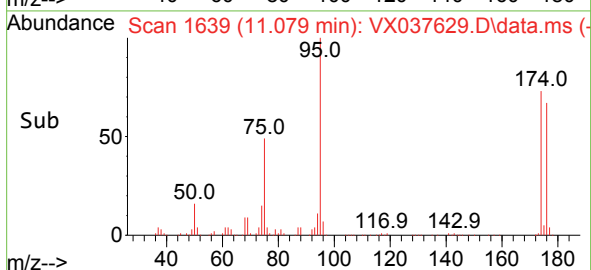
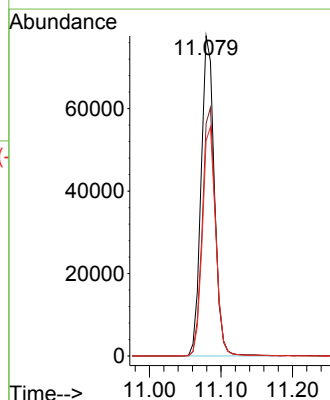
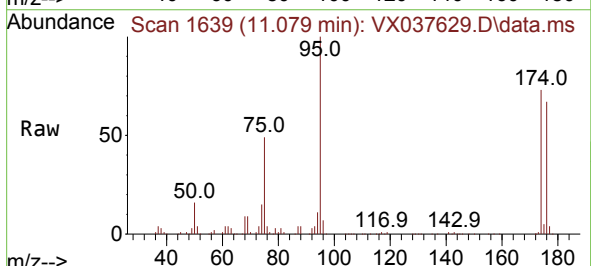
Tgt Ion: 95 Resp: 99889

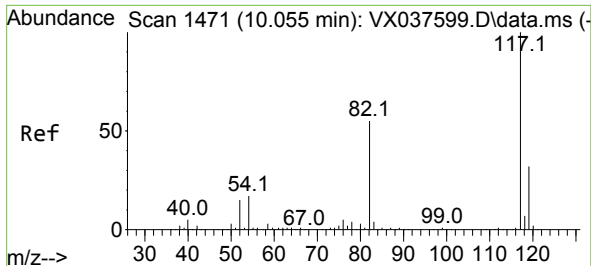
Ion Ratio Lower Upper

95 100

174 77.7 0.0 135.6

176 72.1 0.0 131.0

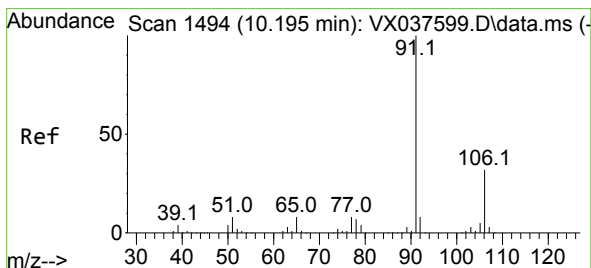
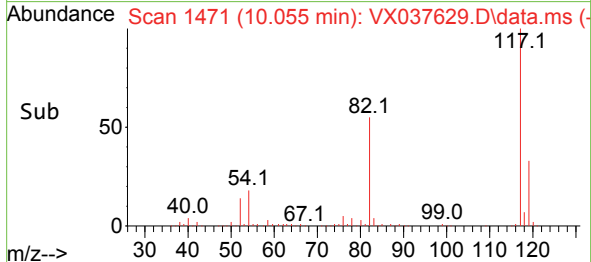
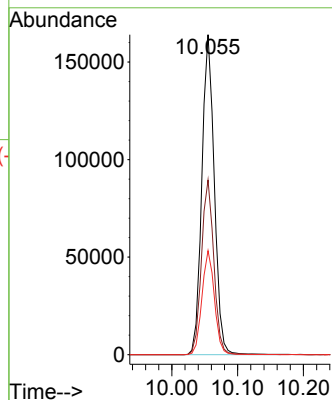
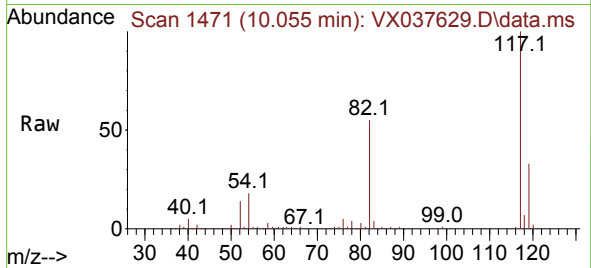




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

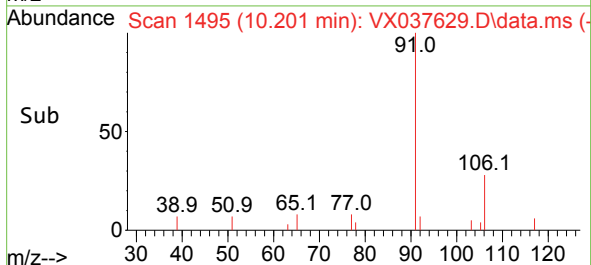
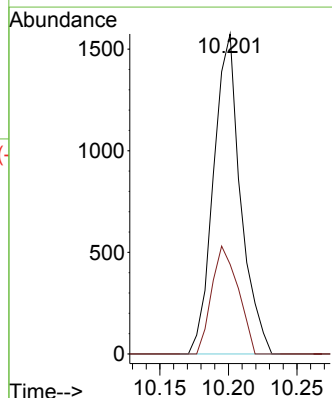
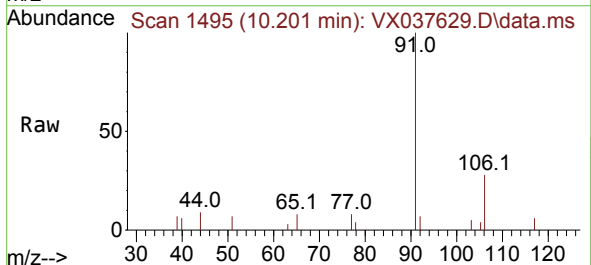
Instrument :
MSVOA_X
ClientSampleId :

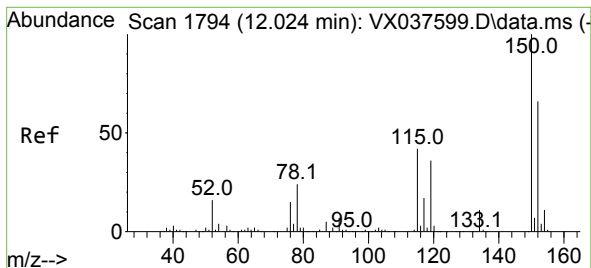
Tgt Ion:117 Resp: 216022
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.5 25.5 38.3



#67
Ethyl Benzene
Concen: 0.268 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

Tgt Ion: 91 Resp: 2166
Ion Ratio Lower Upper
91 100
106 28.0 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037629.D

Acq: 09 Sep 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

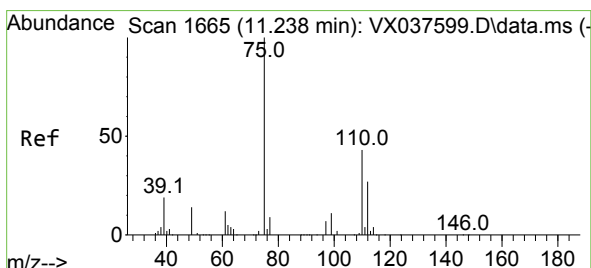
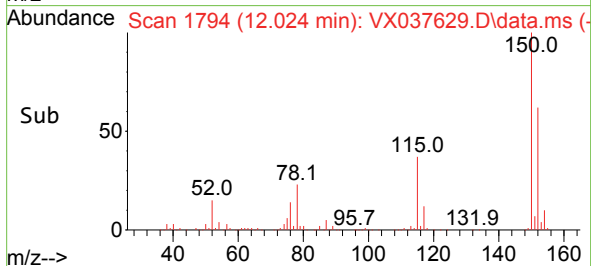
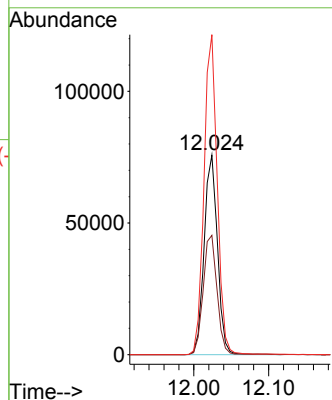
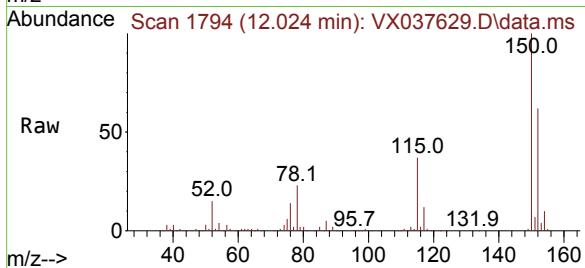
Tgt Ion:152 Resp: 93757

Ion Ratio Lower Upper

152 100

115 62.2 43.3 129.9

150 159.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.599 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037629.D

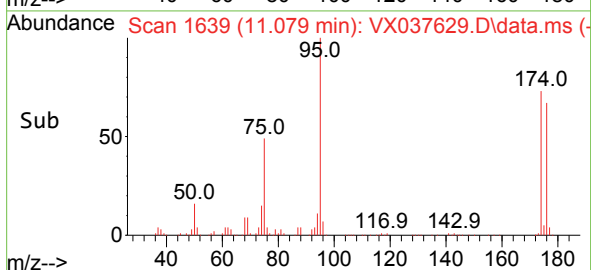
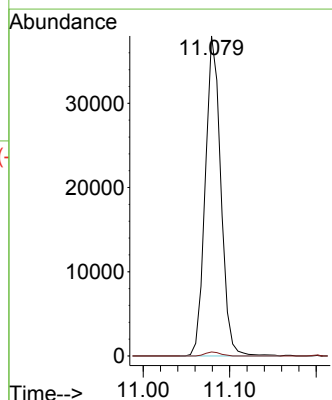
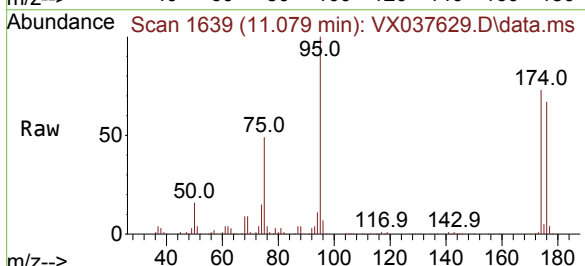
Acq: 09 Sep 2023 15:48

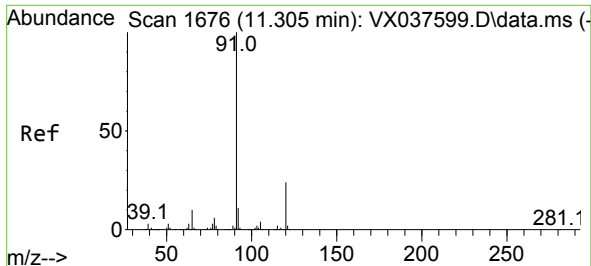
Tgt Ion: 75 Resp: 47407

Ion Ratio Lower Upper

75 100

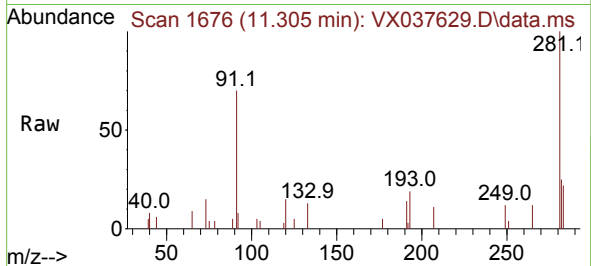
77 1.2 19.1 57.5#



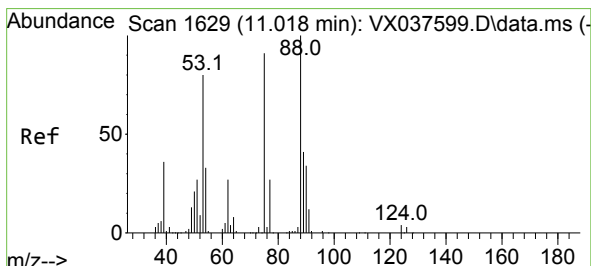
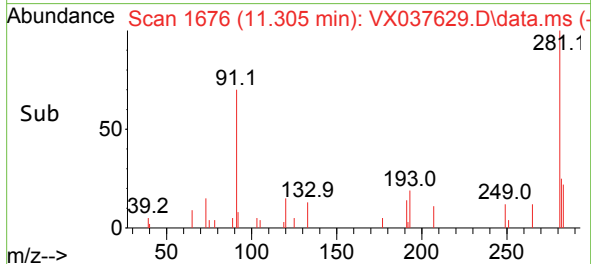
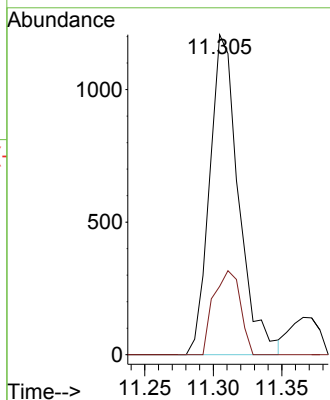


#78
n-propylbenzene
Concen: 0.227 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :

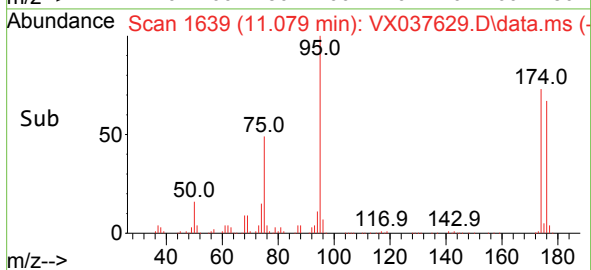
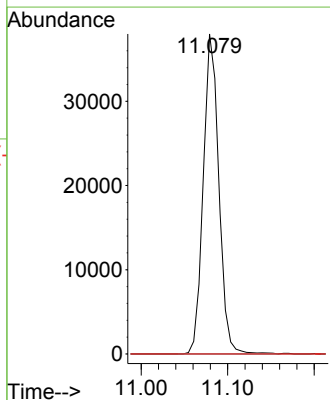
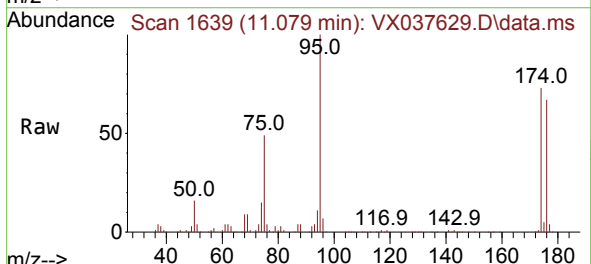


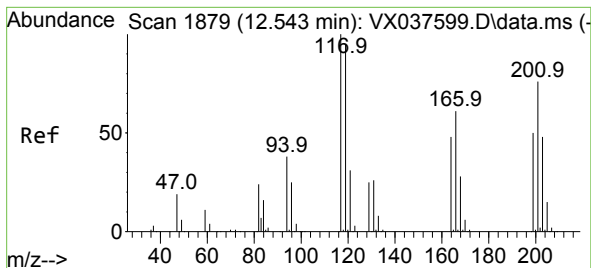
Tgt Ion: 91 Resp: 1780
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.4



#81
trans-1,4-Dichloro-2-butene
Concen: 64.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037629.D
Acq: 09 Sep 2023 15:48

Tgt Ion: 75 Resp: 47407
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#90

Hexachloroethane

Concen: 0.280 ug/l

RT: 12.609 min Scan# 1879

Delta R.T. 0.067 min

Lab File: VX037629.D

Acq: 09 Sep 2023 15:48

Instrument :

MSVOA_X

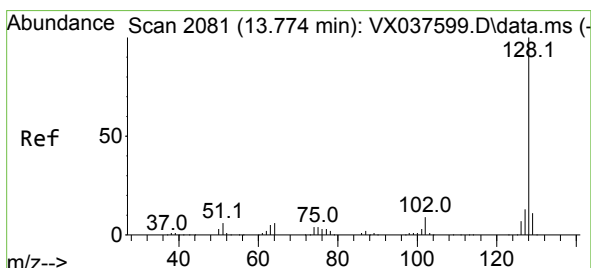
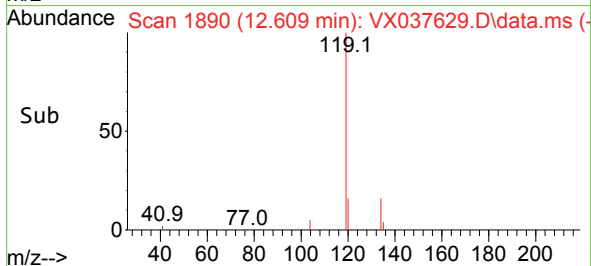
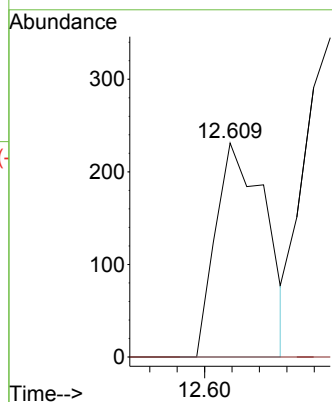
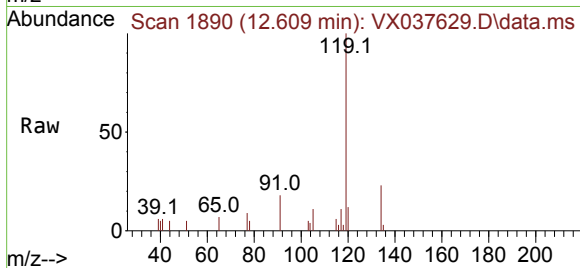
ClientSampleId :

Tgt Ion:117 Resp: 293

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#95

Naphthalene

Concen: 0.318 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX037629.D

Acq: 09 Sep 2023 15:48

Tgt Ion:128 Resp: 2220

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 8.2 8.8 13.2#

