

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038203.D
 Acq On : 10 Oct 2023 15:56
 Operator : JC/MD
 Sample : 04782-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-4-37-40

Quant Time: Oct 11 01:39:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

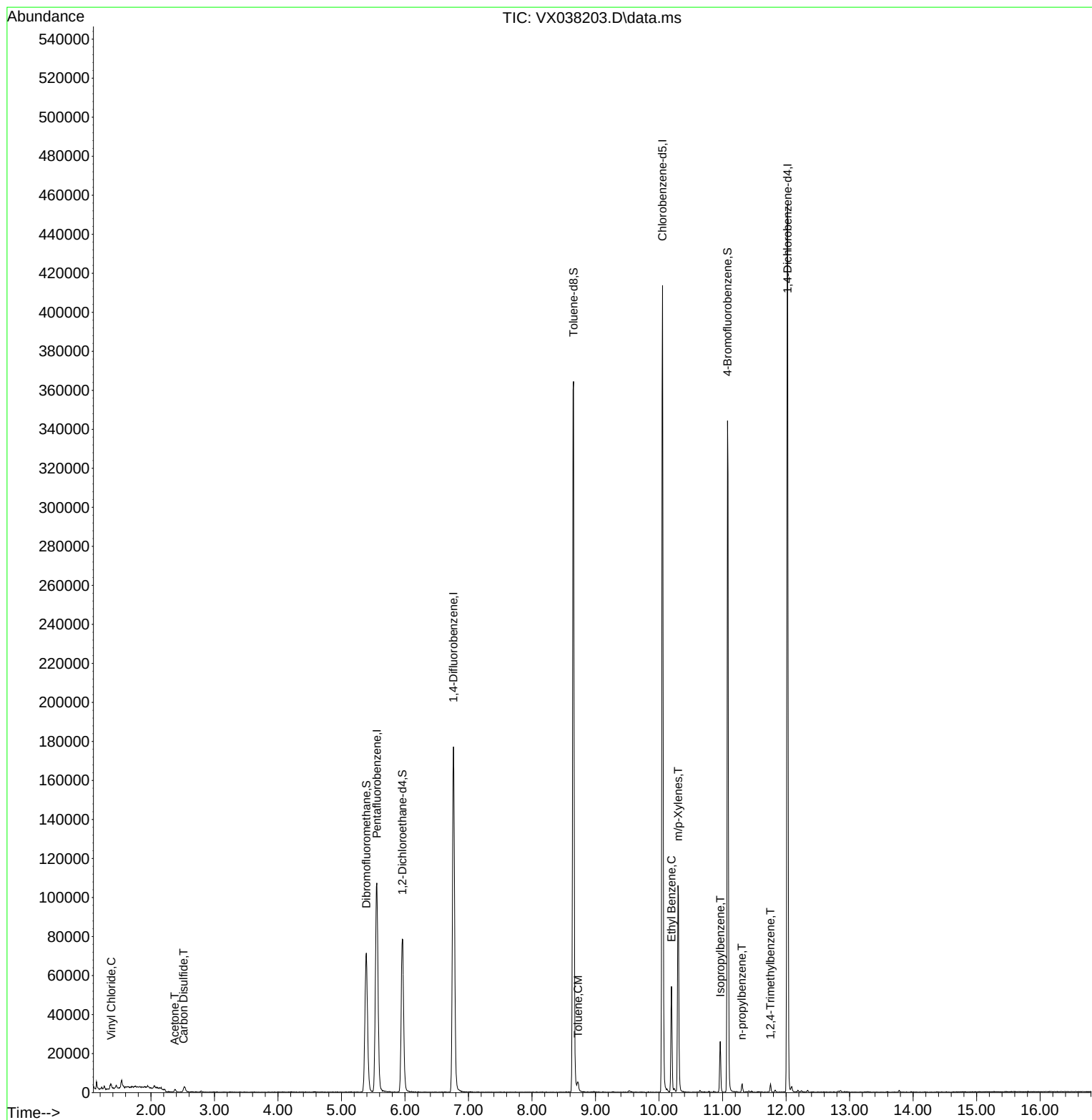
Internal Standards						
1) Pentafluorobenzene	5.556	168	101172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75333	46.294	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.580%
35) Dibromofluoromethane	5.391	113	60140	46.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.260%
50) Toluene-d8	8.653	98	228055	45.774	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.540%#
62) 4-Bromofluorobenzene	11.079	95	85899	45.478	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.960%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	1124	1.019	ug/l #	63
16) Acetone	2.373	43	1531	2.254	ug/l	91
17) Carbon Disulfide	2.514	76	1618	0.606	ug/l #	95
52) Toluene	8.726	92	1548	0.473	ug/l	91
67) Ethyl Benzene	10.195	91	30301	4.451	ug/l	96
68) m/p-Xylenes	10.299	106	25543	9.704	ug/l	100
73) Isopropylbenzene	10.963	105	12934	2.084	ug/l	98
78) n-propylbenzene	11.305	91	2964	0.391	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2060	0.386	ug/l	99

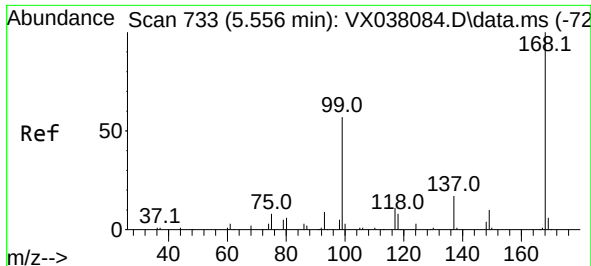
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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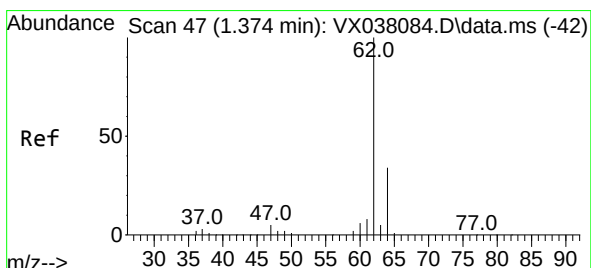
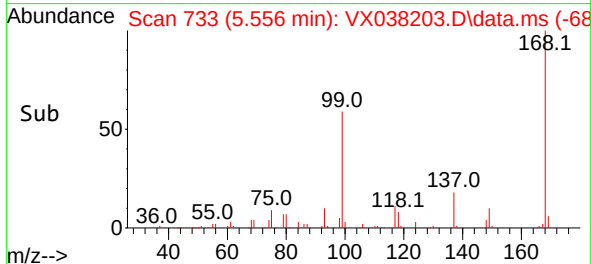
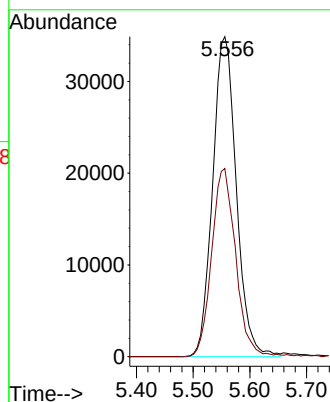
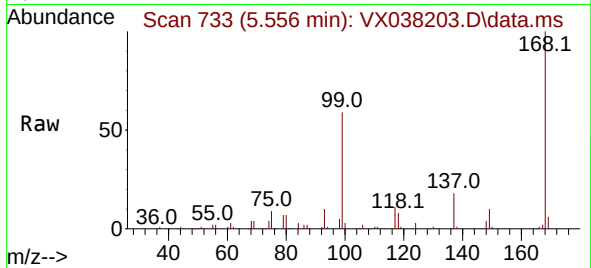




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

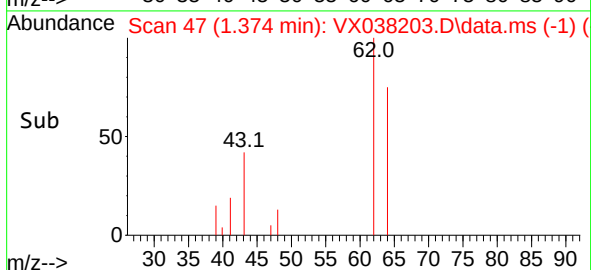
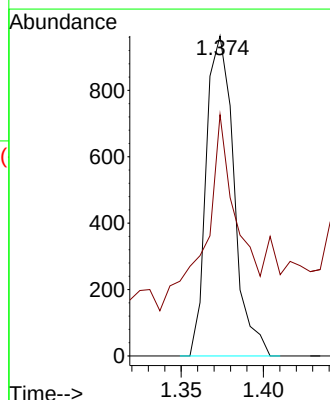
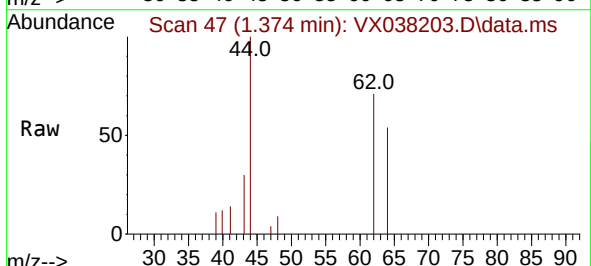
Instrument :
MSVOA_X
ClientSampleId :
GW-4-37-40

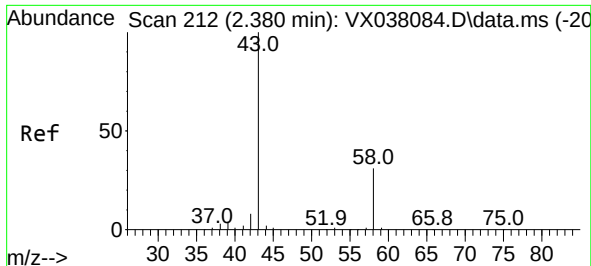
Tgt Ion:168 Resp: 101172
Ion Ratio Lower Upper
168 100
99 58.8 56.6 85.0



#4
Vinyl Chloride
Concen: 1.019 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

Tgt Ion: 62 Resp: 1124
Ion Ratio Lower Upper
62 100
64 52.1 25.4 38.0#

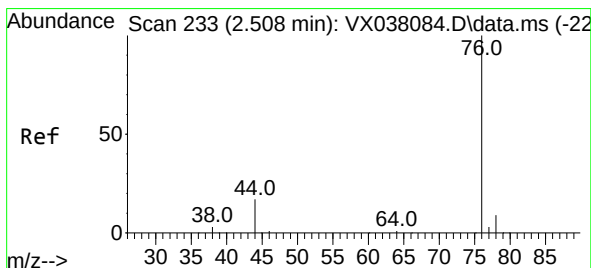
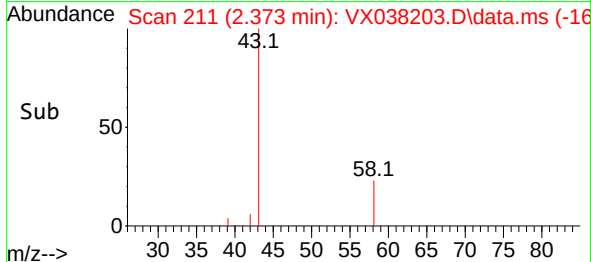
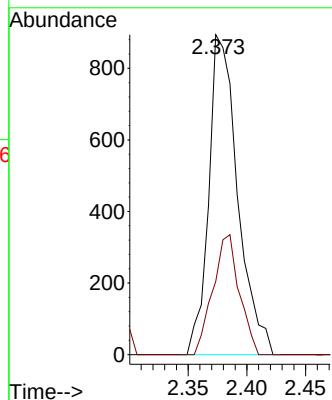
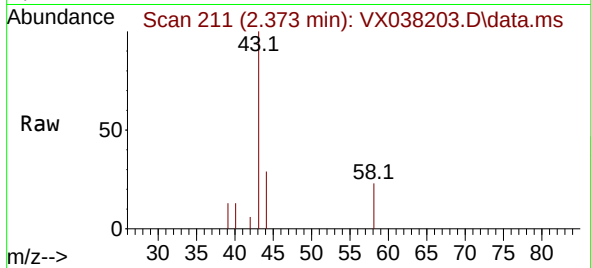




#16
Acetone
Concen: 2.254 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

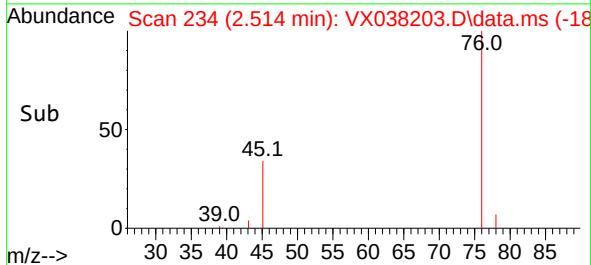
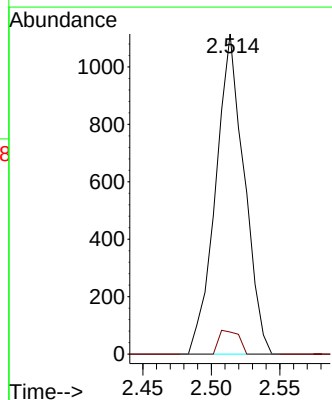
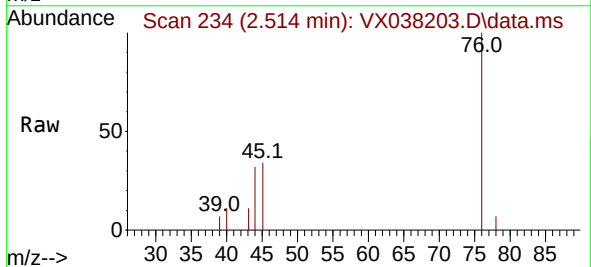
Instrument :
MSVOA_X
ClientSampleId :
GW-4-37-40

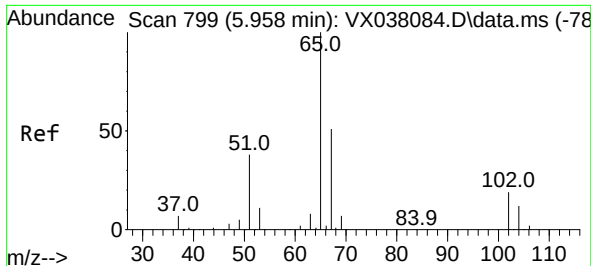
Tgt Ion: 43 Resp: 1531
Ion Ratio Lower Upper
43 100
58 22.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.606 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

Tgt Ion: 76 Resp: 1618
Ion Ratio Lower Upper
76 100
78 6.9 7.0 10.6#





#33

1,2-Dichloroethane-d4

Concen: 46.294 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038203.D

Acq: 10 Oct 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

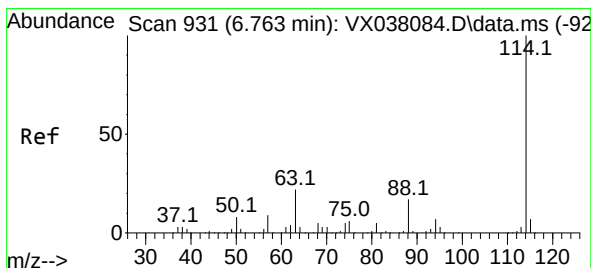
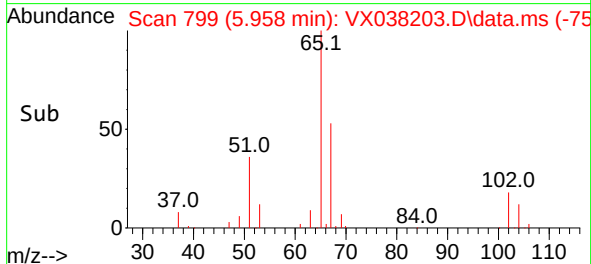
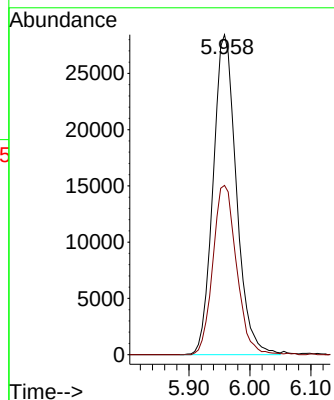
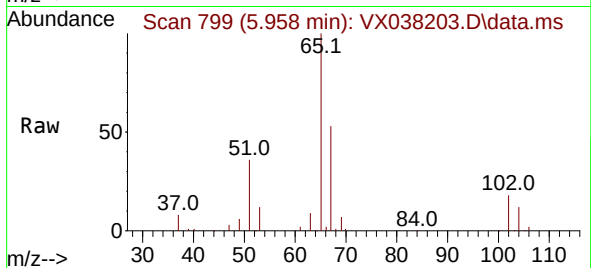
GW-4-37-40

Tgt Ion: 65 Resp: 75333

Ion Ratio Lower Upper

65 100

67 53.8 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: VX038203.D

Acq: 10 Oct 2023 15:56

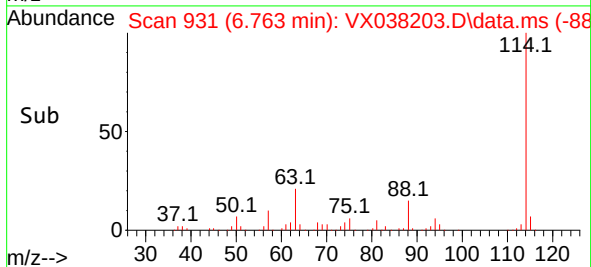
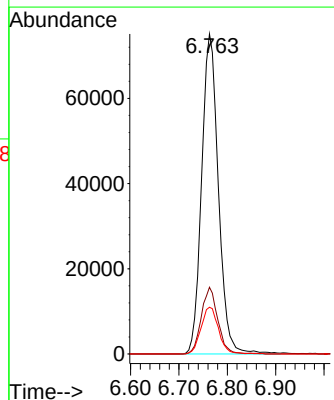
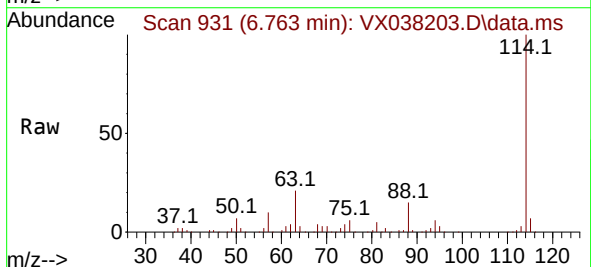
Tgt Ion: 114 Resp: 180943

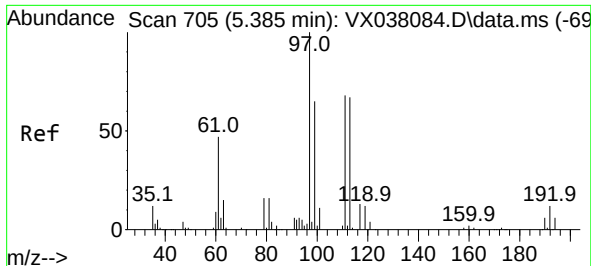
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.126 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038203.D

Acq: 10 Oct 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

GW-4-37-40

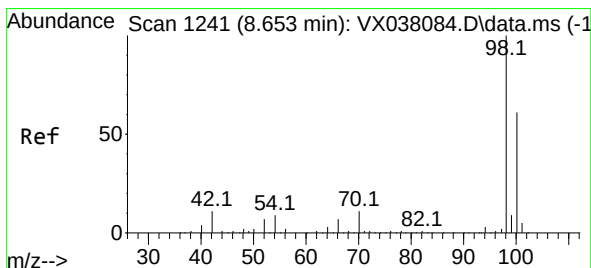
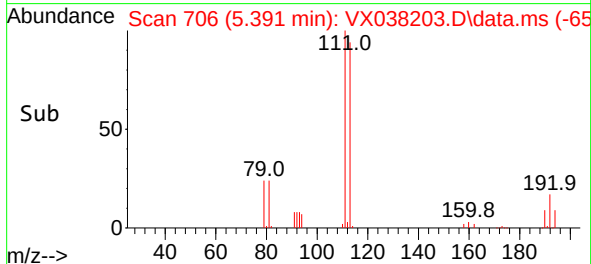
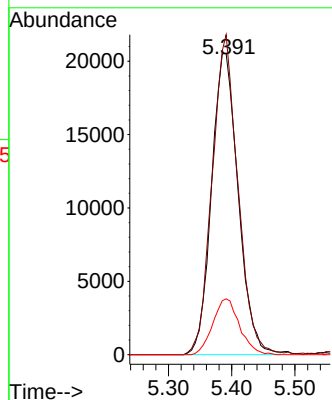
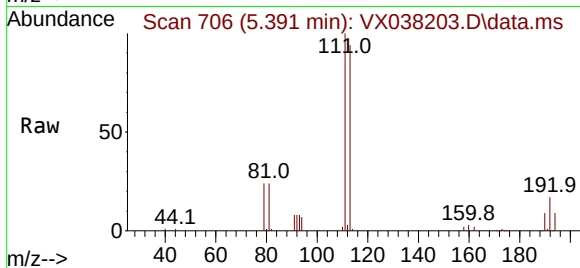
Tgt Ion:113 Resp: 60140

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.6 13.3 19.9



#50

Toluene-d8

Concen: 45.774 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX038203.D

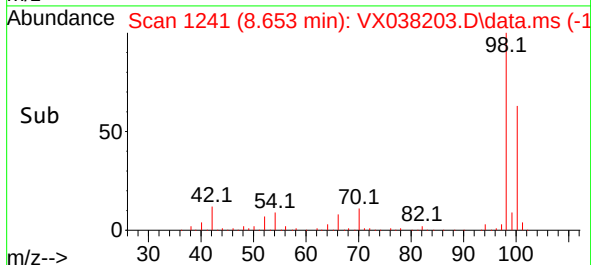
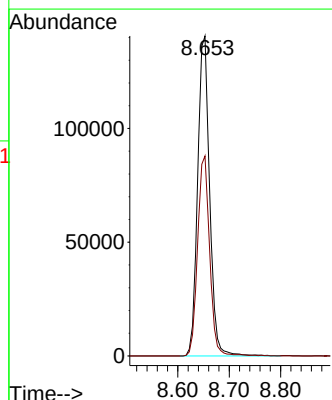
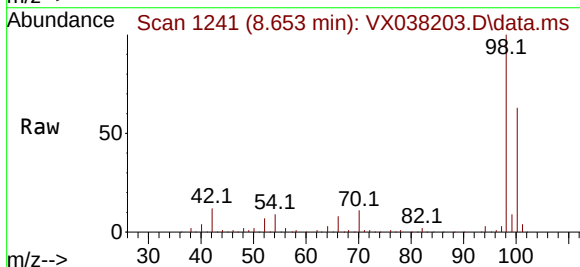
Acq: 10 Oct 2023 15:56

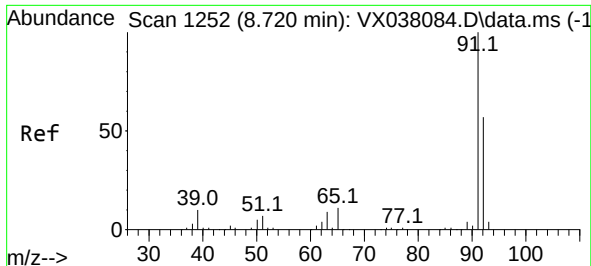
Tgt Ion: 98 Resp: 228055

Ion Ratio Lower Upper

98 100

100 62.9 53.1 79.7

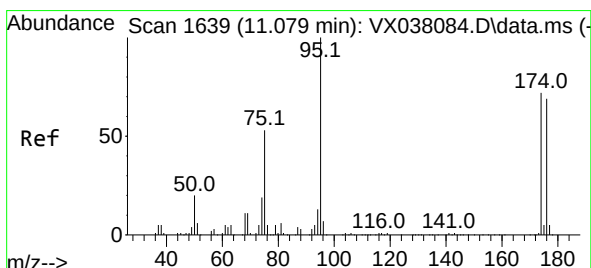
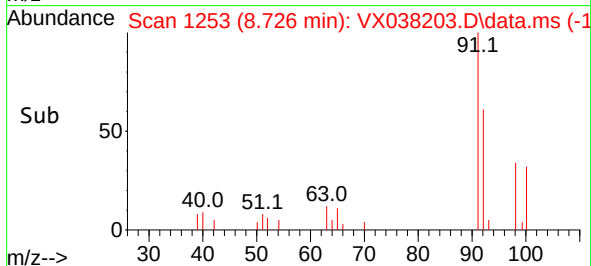
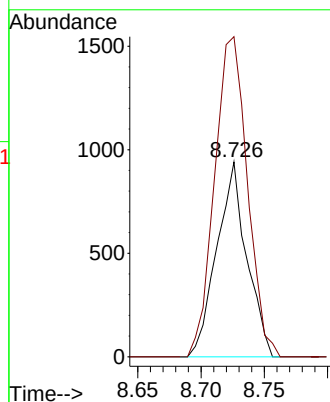
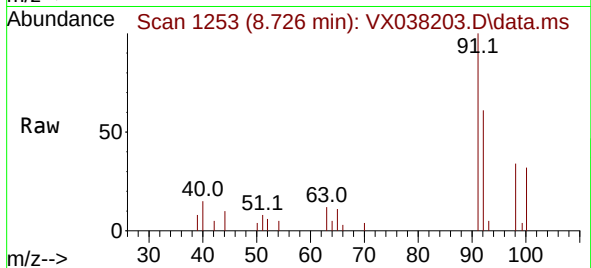




#52
Toluene
Concen: 0.473 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

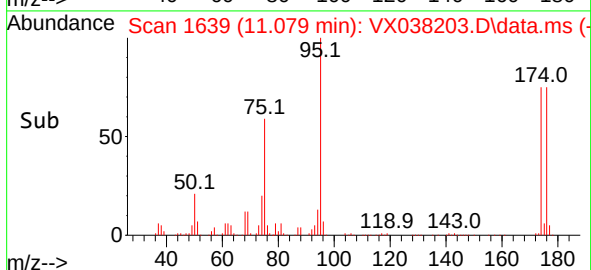
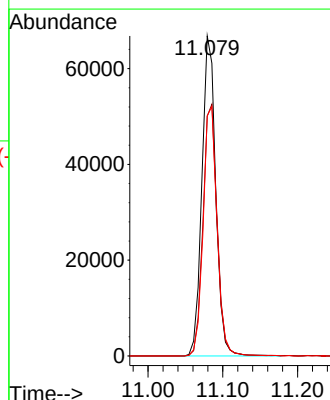
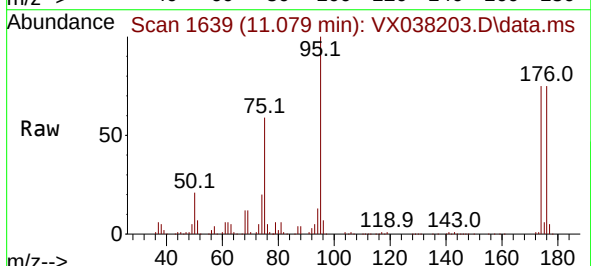
Instrument :
MSVOA_X
ClientSampleId :
GW-4-37-40

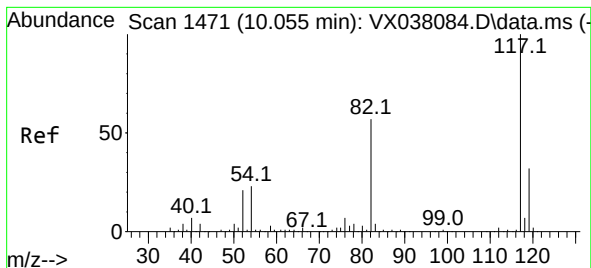
Tgt Ion: 92 Resp: 1548
Ion Ratio Lower Upper
92 100
91 180.2 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

Tgt Ion: 95 Resp: 85899
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 78.5 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: VX038203.D

Acq: 10 Oct 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

GW-4-37-40

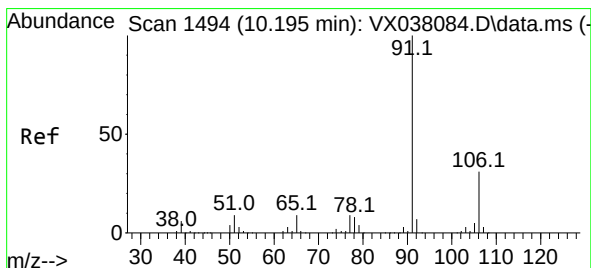
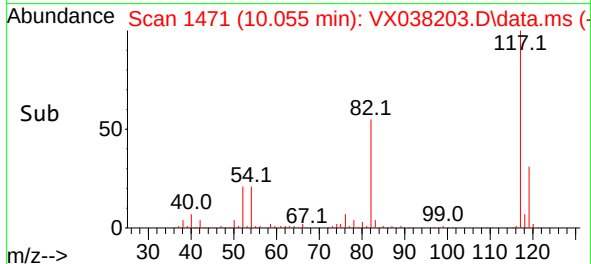
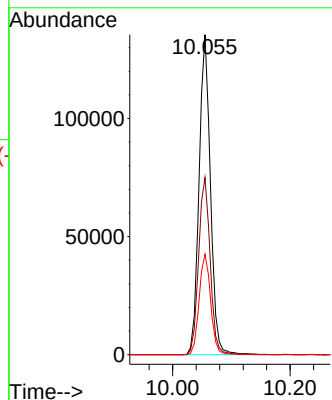
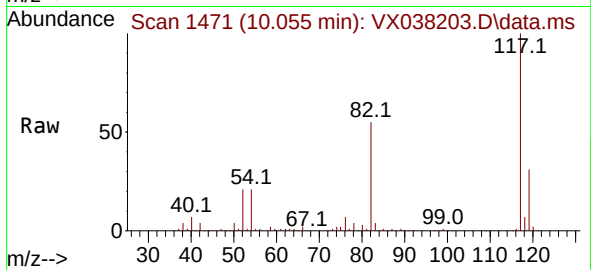
Tgt Ion:117 Resp: 182257

Ion Ratio Lower Upper

117 100

82 55.4 46.2 69.4

119 31.4 25.5 38.3



#67

Ethyl Benzene

Concen: 4.451 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038203.D

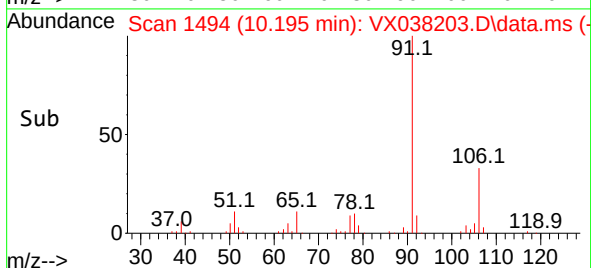
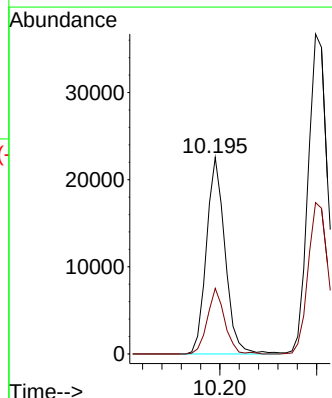
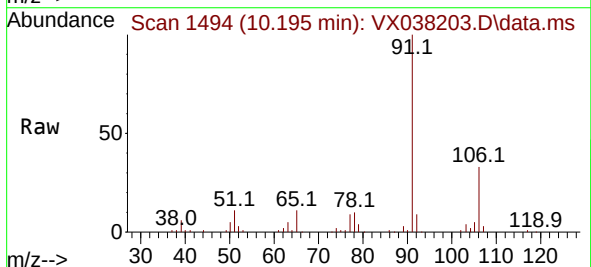
Acq: 10 Oct 2023 15:56

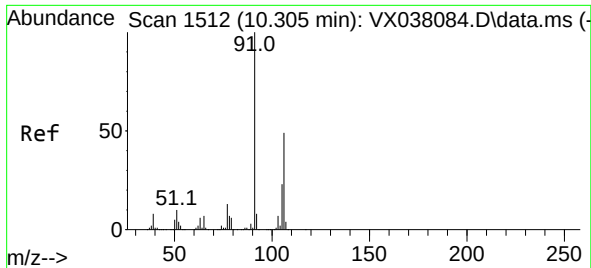
Tgt Ion: 91 Resp: 30301

Ion Ratio Lower Upper

91 100

106 33.4 24.9 37.3

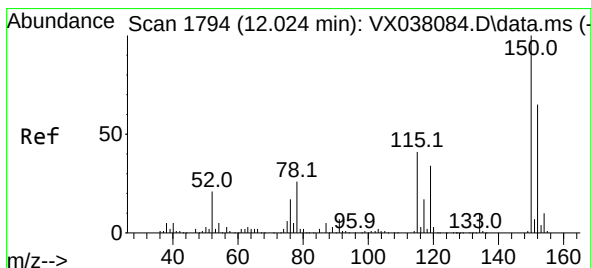
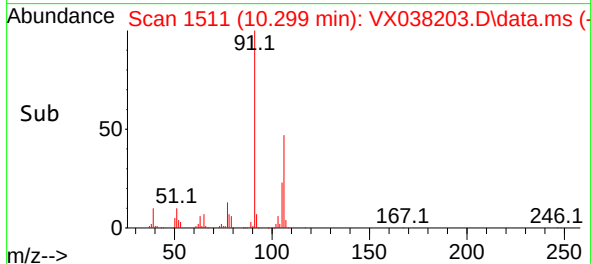
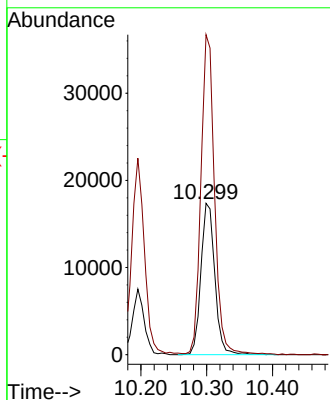
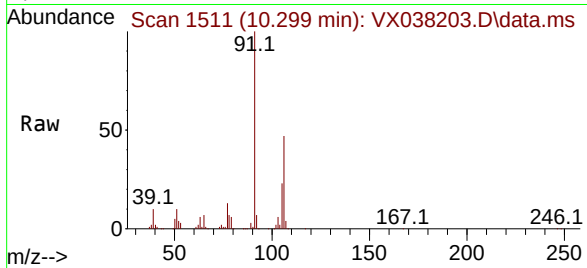




#68
m/p-Xylenes
Concen: 9.704 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

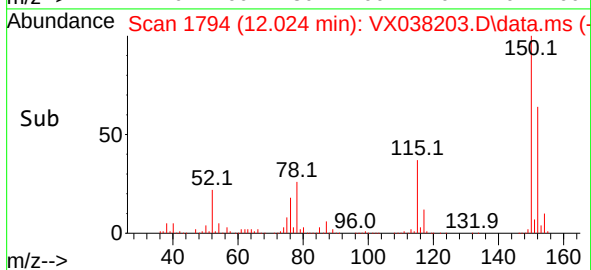
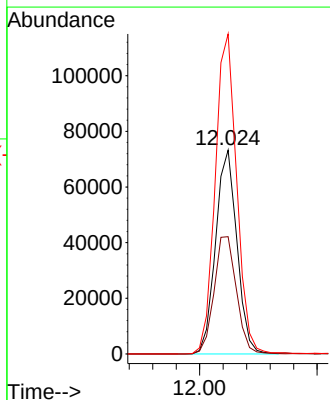
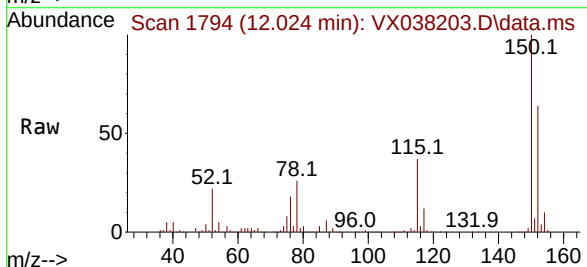
Instrument :
MSVOA_X
ClientSampleId :
GW-4-37-40

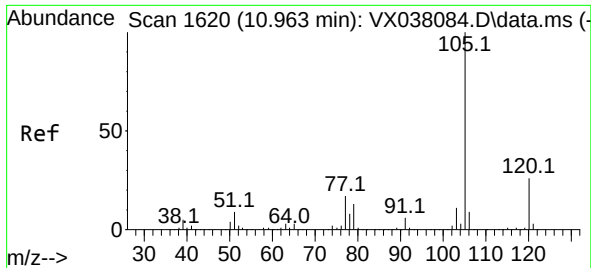
Tgt Ion:106 Resp: 25543
Ion Ratio Lower Upper
106 100
91 207.2 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

Tgt Ion:152 Resp: 92526
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 158.6 0.0 345.0

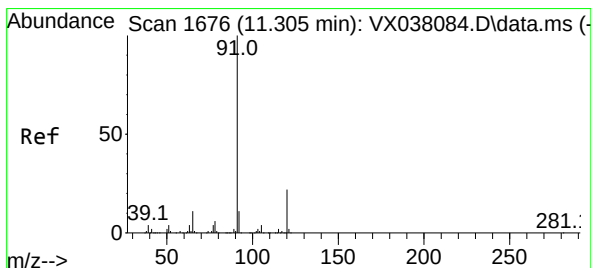
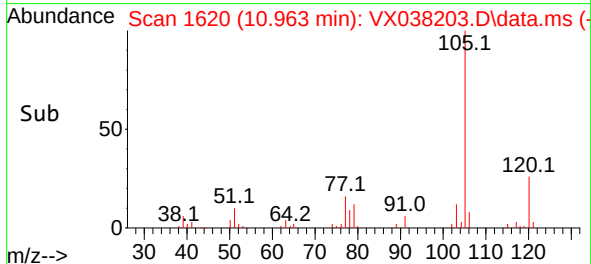
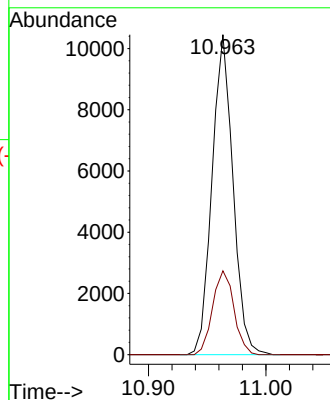
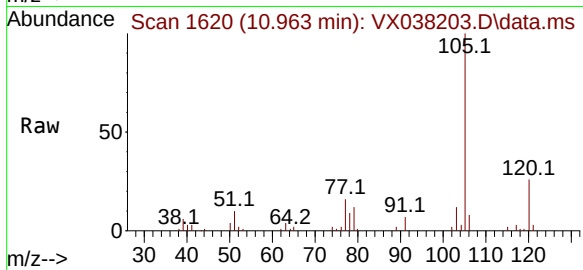




#73
Isopropylbenzene
Concen: 2.084 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

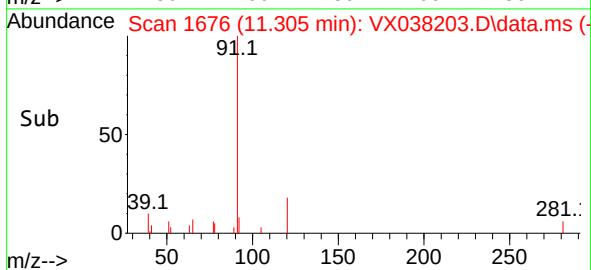
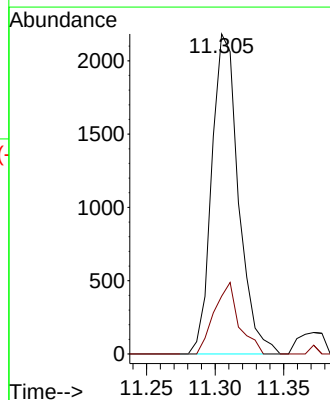
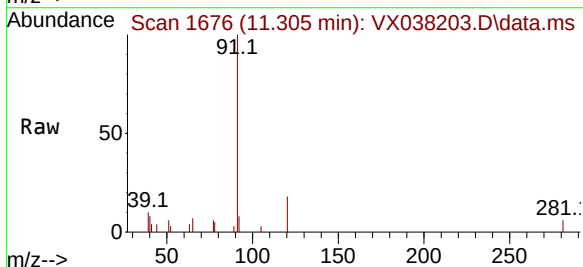
Instrument :
MSVOA_X
ClientSampleId :
GW-4-37-40

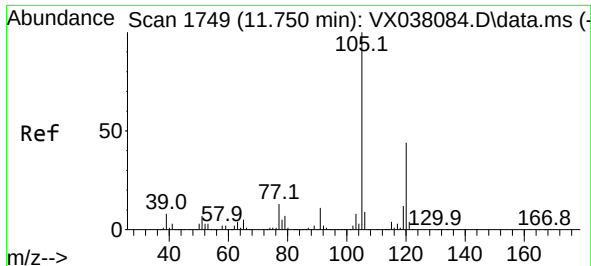
Tgt Ion:105 Resp: 12934
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6



#78
n-propylbenzene
Concen: 0.391 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038203.D
Acq: 10 Oct 2023 15:56

Tgt Ion: 91 Resp: 2964
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 0.386 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038203.D

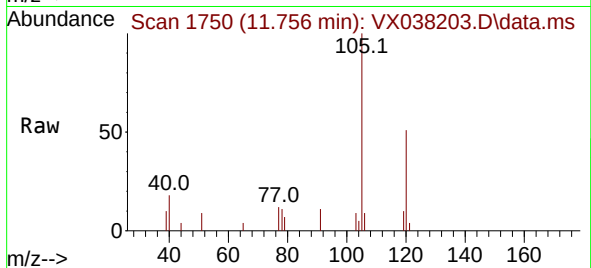
Acq: 10 Oct 2023 15:56

Instrument :

MSVOA_X

ClientSampleId :

GW-4-37-40



Tgt Ion:105 Resp: 2060

Ion Ratio Lower Upper

105 100

120 41.8 21.2 63.6

