

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038199.D
 Acq On : 10 Oct 2023 14:23
 Operator : JC/MD
 Sample : 04782-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-3-37-40

Quant Time: Oct 11 01:38:02 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)

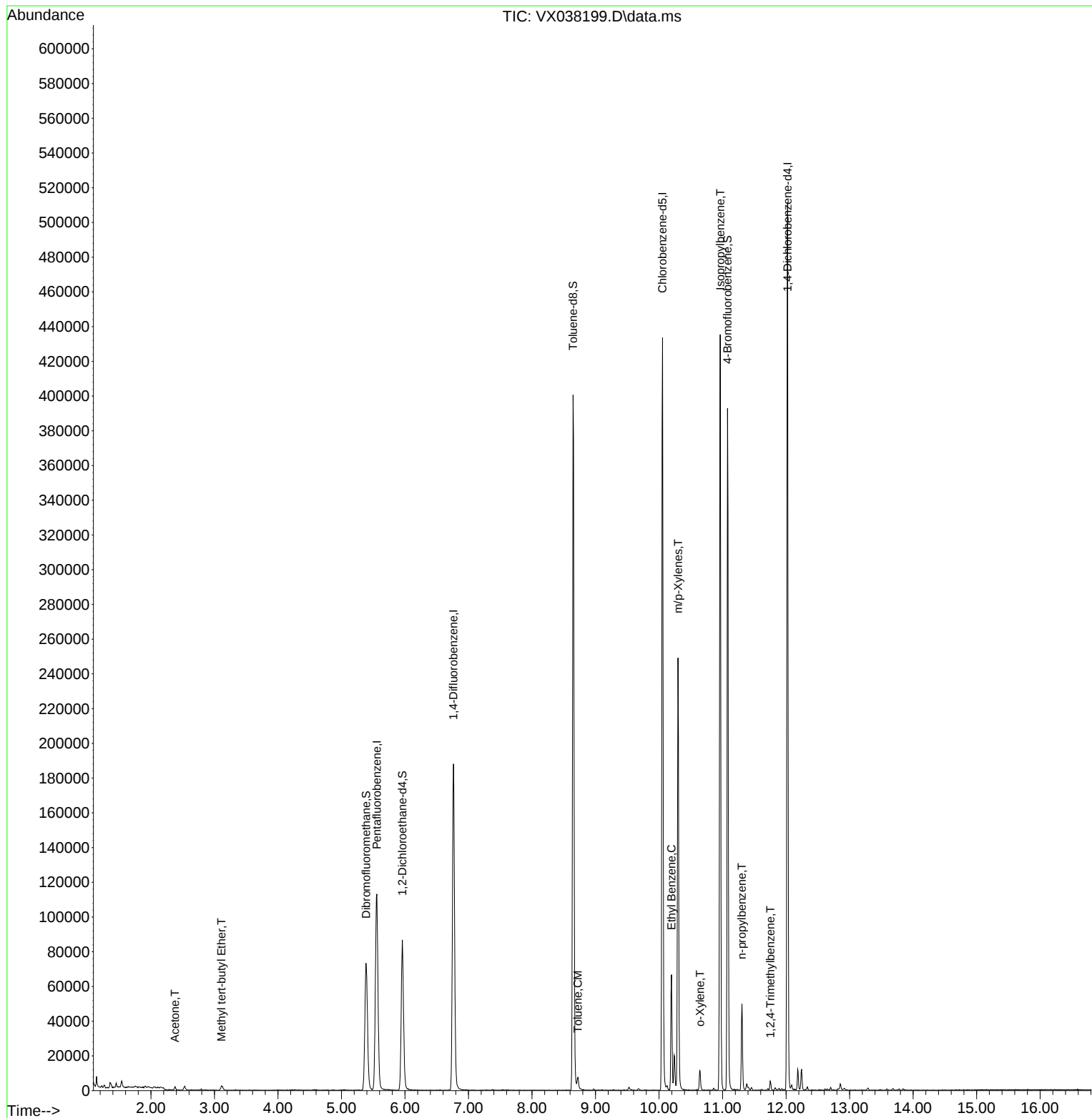
Internal Standards						
1) Pentafluorobenzene	5.556	168	105601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79320	46.699	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.400%
35) Dibromofluoromethane	5.385	113	63307	46.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	8.647	98	239128	45.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	95917	48.589	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.180%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1656	2.336	ug/l #	80
19) Methyl tert-butyl Ether	3.111	73	2899	0.753	ug/l	96
52) Toluene	8.720	92	2242	0.655	ug/l	89
67) Ethyl Benzene	10.195	91	38410	5.330	ug/l	100
68) m/p-Xylenes	10.299	106	54755	19.650	ug/l	97
69) o-Xylene	10.646	106	2767	1.017	ug/l	95
73) Isopropylbenzene	10.963	105	217417	31.537	ug/l	99
78) n-propylbenzene	11.305	91	32159	3.815	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	2378	0.401	ug/l	88

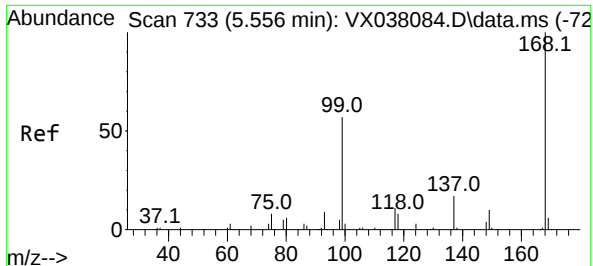
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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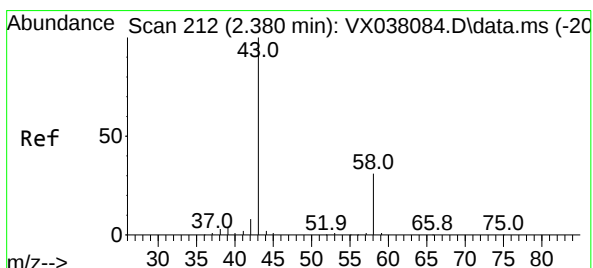
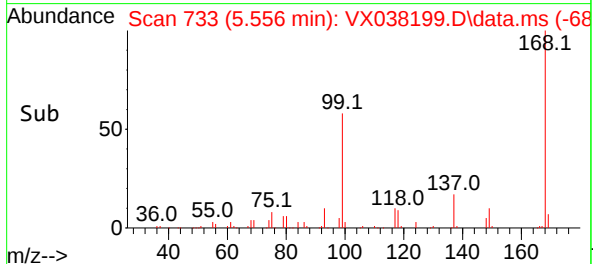
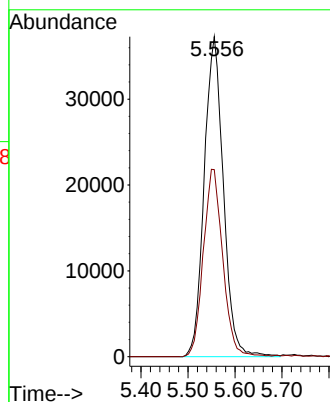
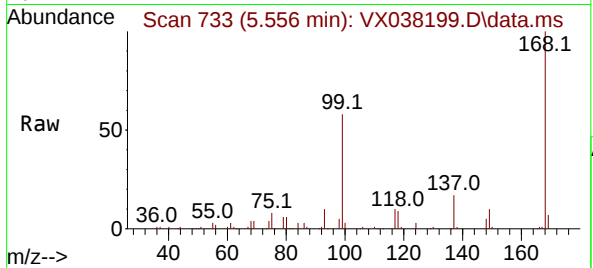




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

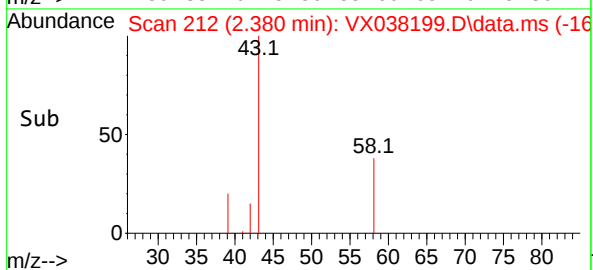
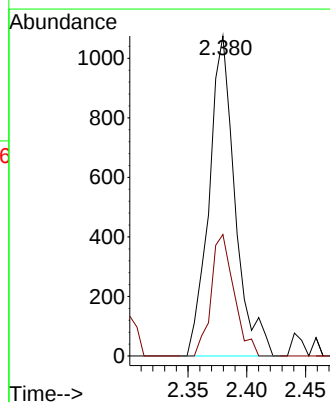
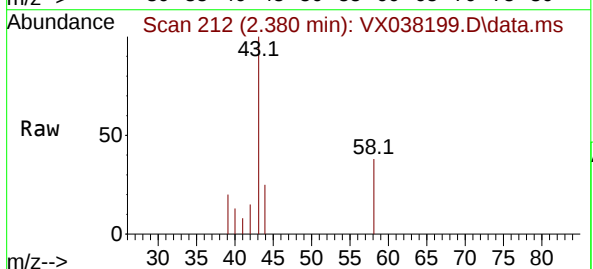
Instrument :
MSVOA_X
ClientSampleId :
GW-3-37-40

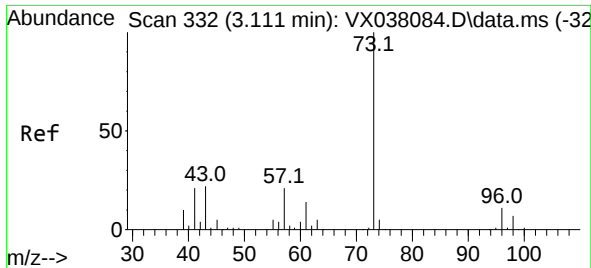
Tgt Ion:168 Resp: 105601
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#16
Acetone
Concen: 2.336 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

Tgt Ion: 43 Resp: 1656
Ion Ratio Lower Upper
43 100
58 38.0 21.9 32.9#

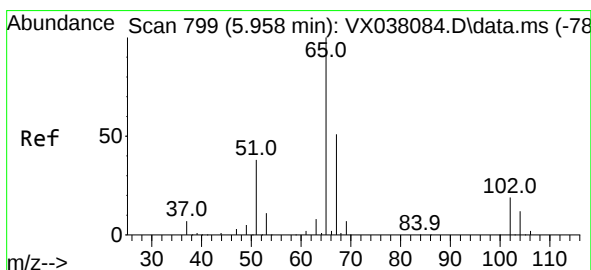
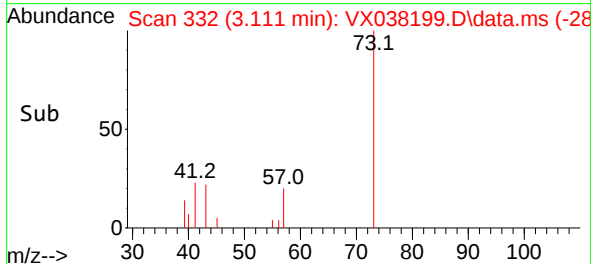
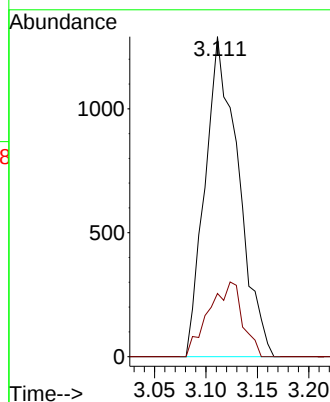
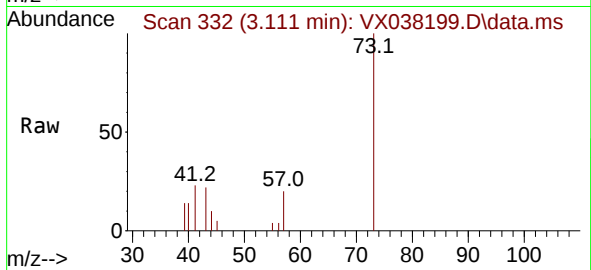




#19
Methyl tert-butyl Ether
Concen: 0.753 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

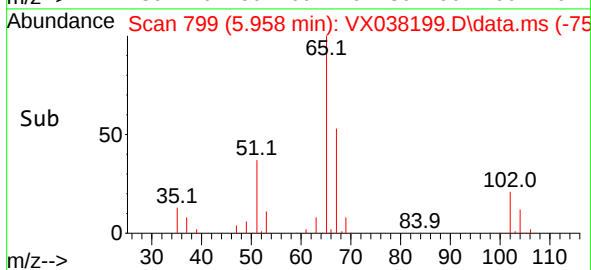
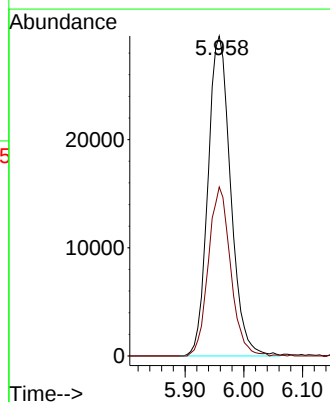
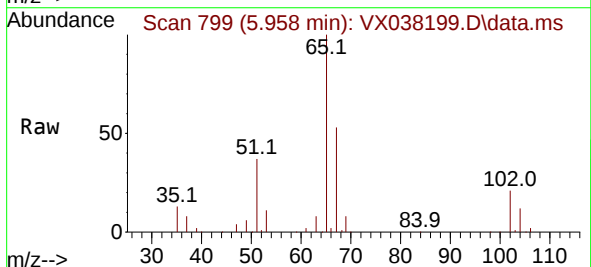
Instrument :
MSVOA_X
ClientSampleId :
GW-3-37-40

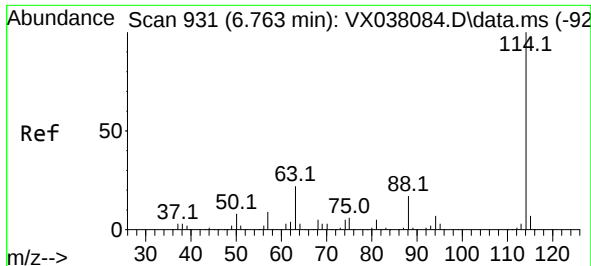
Tgt Ion: 73 Resp: 2899
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 46.699 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

Tgt Ion: 65 Resp: 79320
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

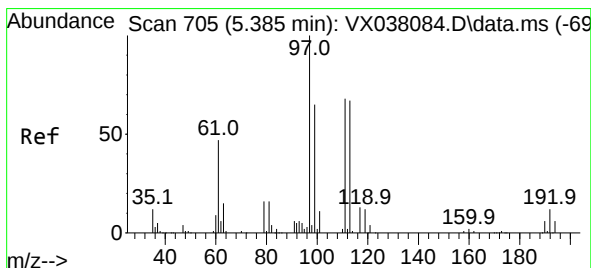
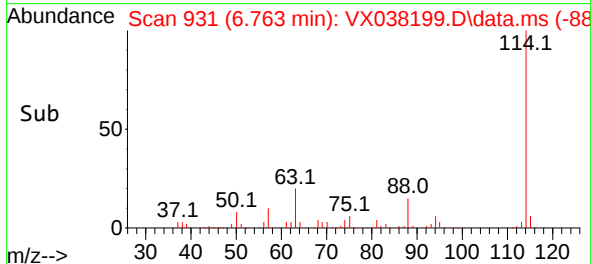
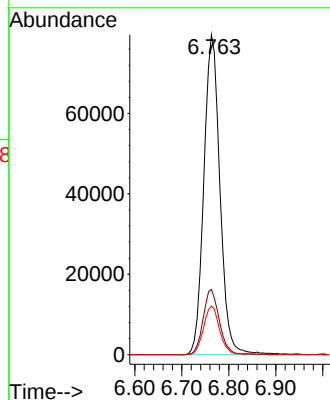
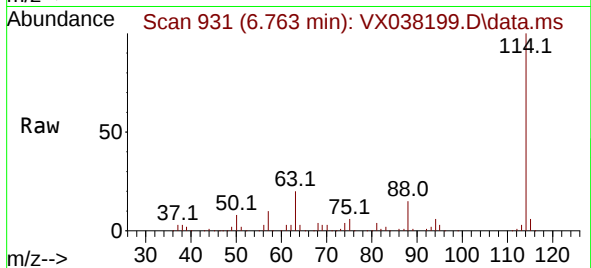




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

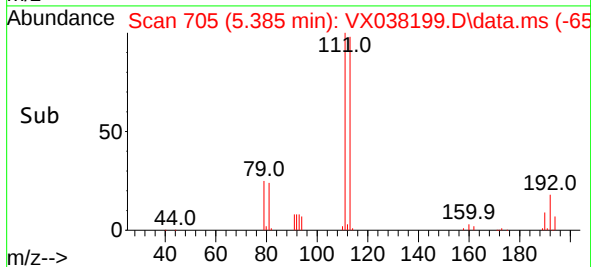
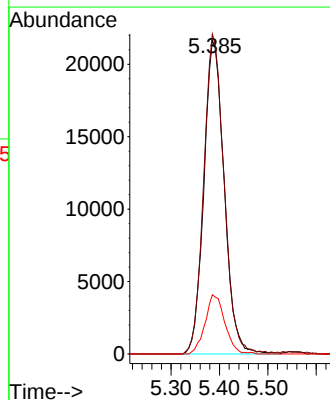
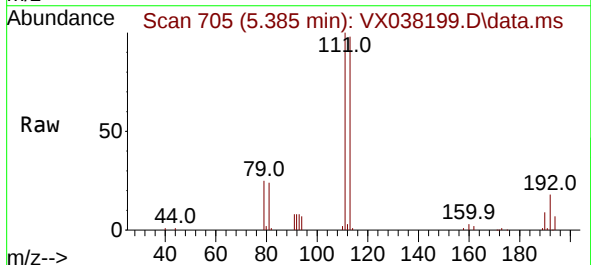
Instrument :
MSVOA_X
ClientSampleId :
GW-3-37-40

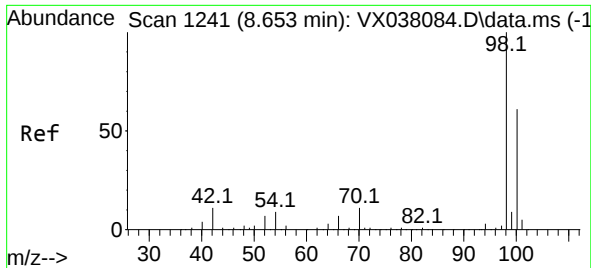
Tgt Ion:114 Resp: 189111
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.458 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

Tgt Ion:113 Resp: 63307
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.4 13.3 19.9

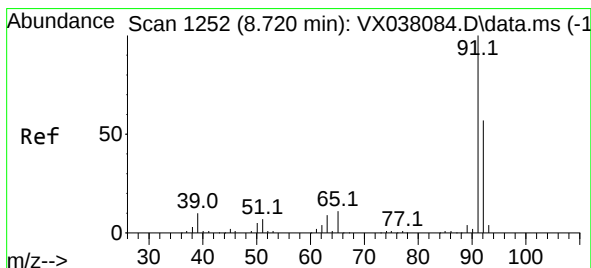
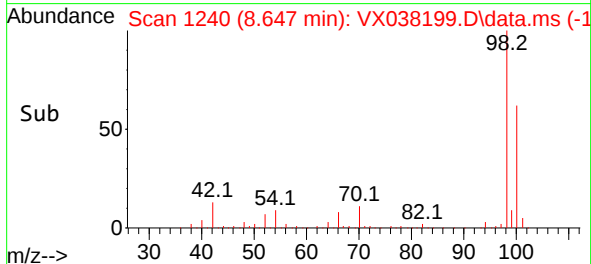
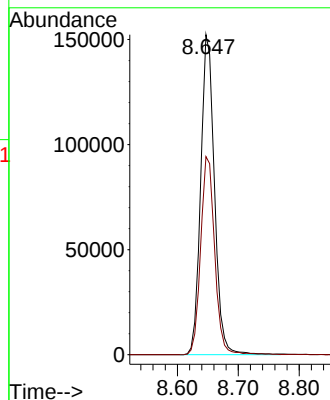
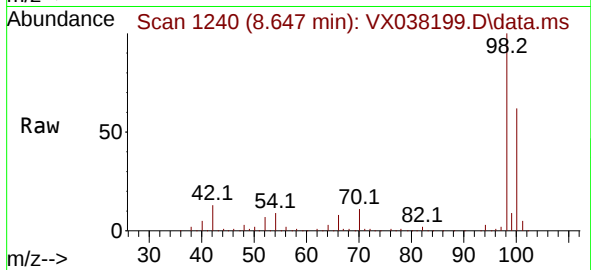




#50
Toluene-d8
Concen: 45.924 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

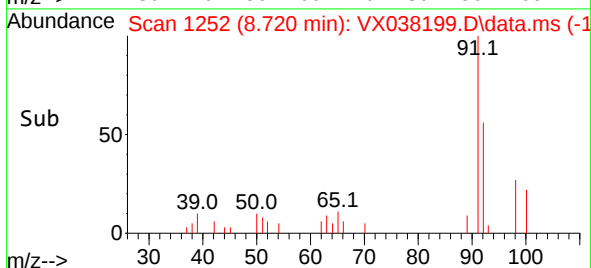
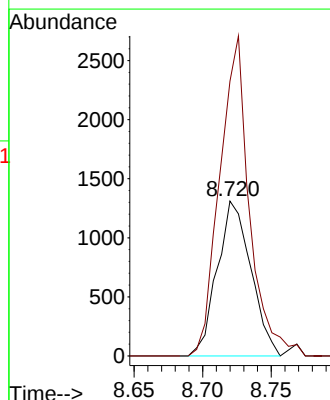
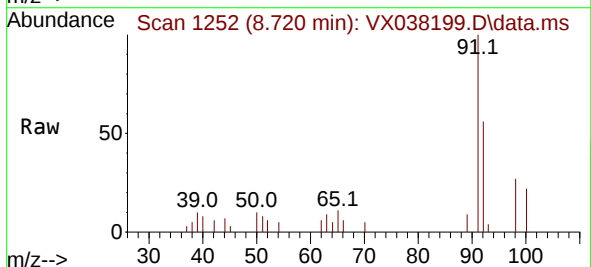
Instrument :
MSVOA_X
ClientSampleId :
GW-3-37-40

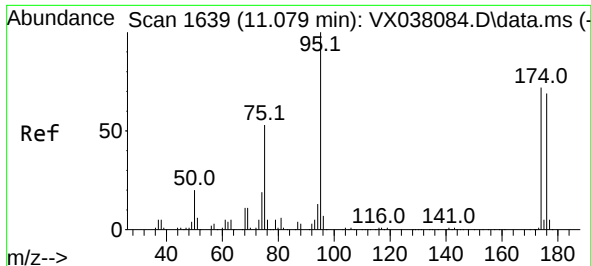
Tgt Ion: 98 Resp: 239128
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#52
Toluene
Concen: 0.655 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

Tgt Ion: 92 Resp: 2242
Ion Ratio Lower Upper
92 100
91 182.3 134.2 201.2

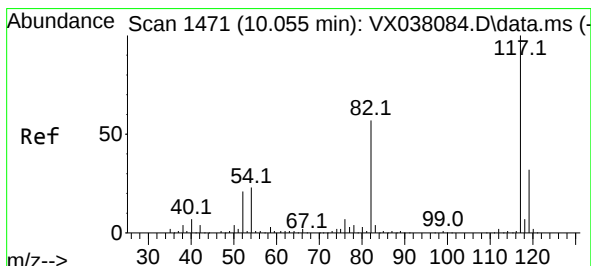
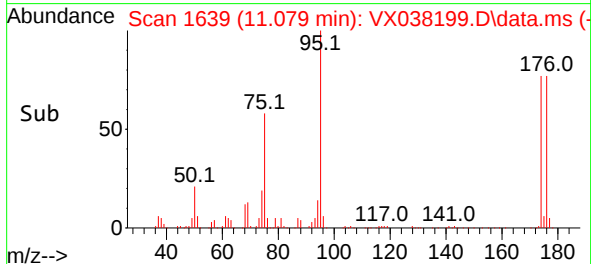
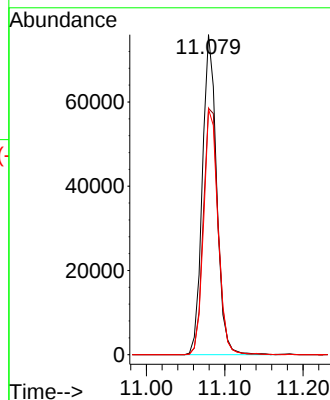
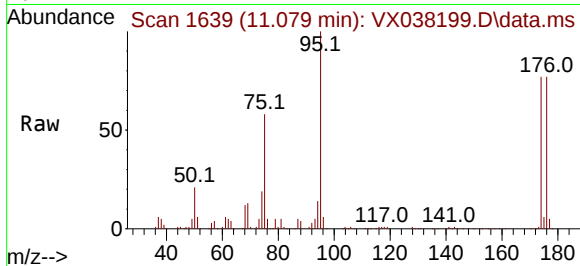




#62
4-Bromofluorobenzene
Concen: 48.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

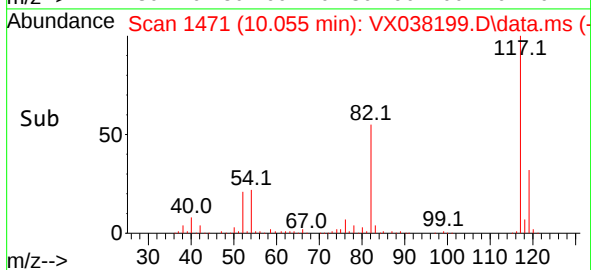
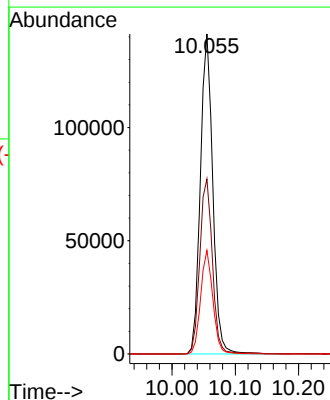
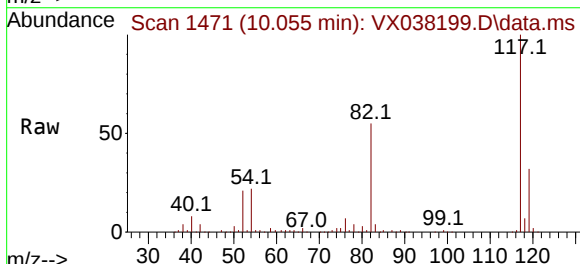
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ClientSampleId :
GW-3-37-40

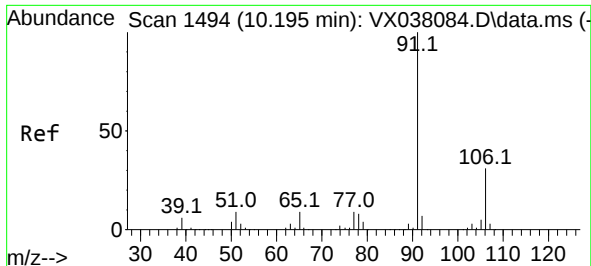
Tgt Ion: 95 Resp: 95917
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 77.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

Tgt Ion: 117 Resp: 192937
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.4 25.5 38.3





#67

Ethyl Benzene

Concen: 5.330 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038199.D

Acq: 10 Oct 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

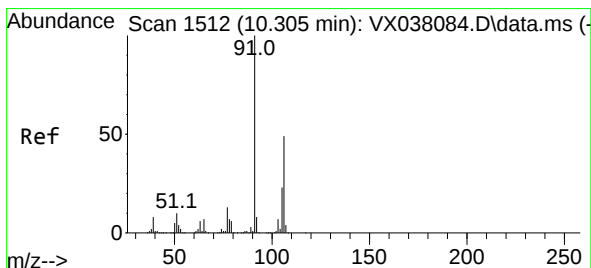
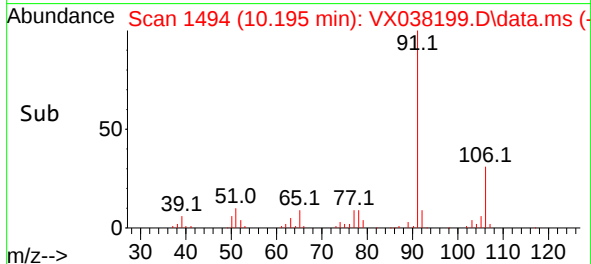
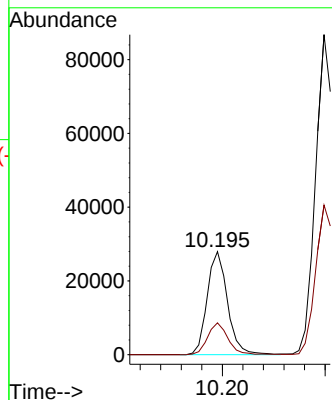
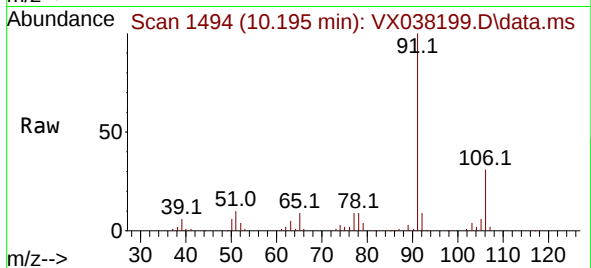
GW-3-37-40

Tgt Ion: 91 Resp: 38410

Ion Ratio Lower Upper

91 100

106 30.9 24.9 37.3



#68

m/p-Xylenes

Concen: 19.650 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX038199.D

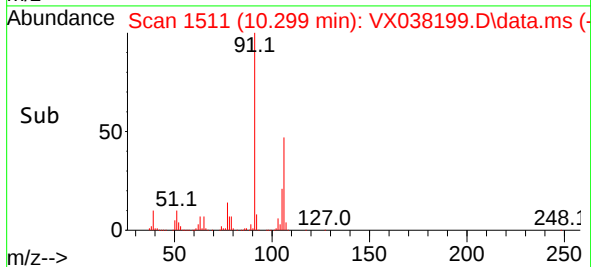
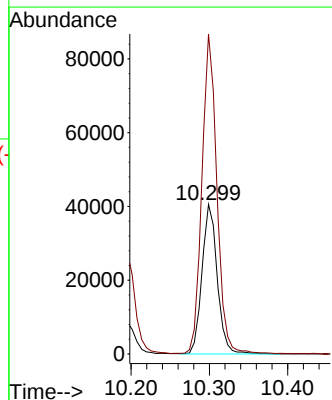
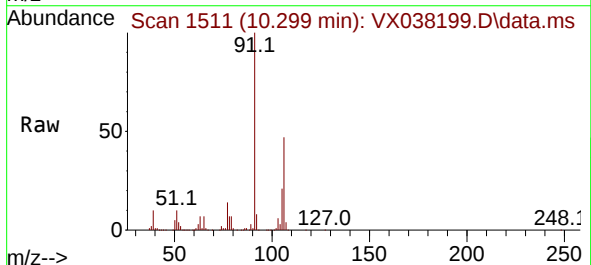
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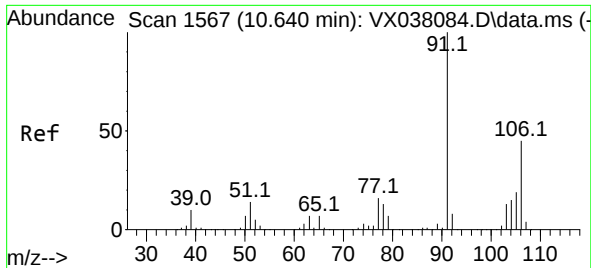
Tgt Ion:106 Resp: 54755

Ion Ratio Lower Upper

106 100

91 211.4 165.5 248.3

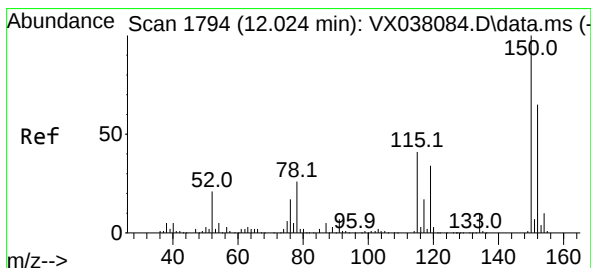
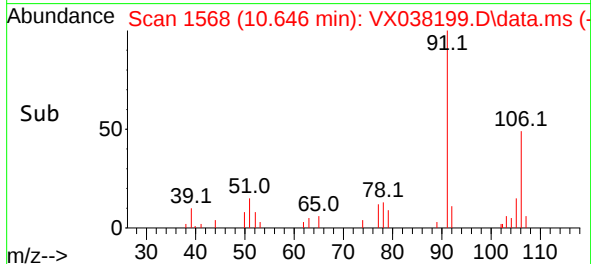
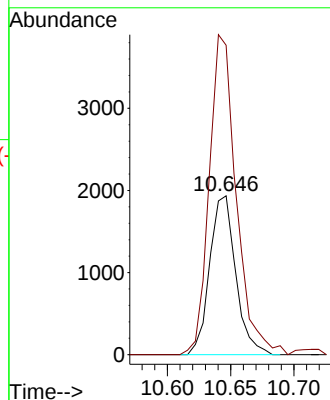
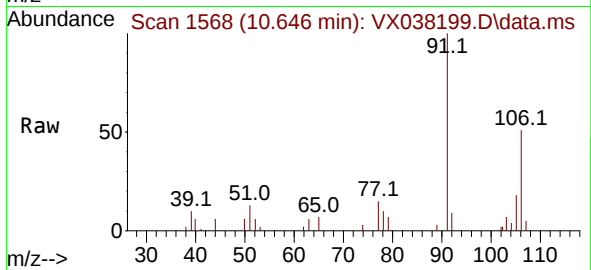




#69
o-Xylene
Concen: 1.017 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

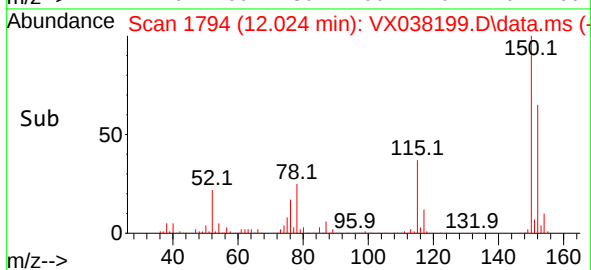
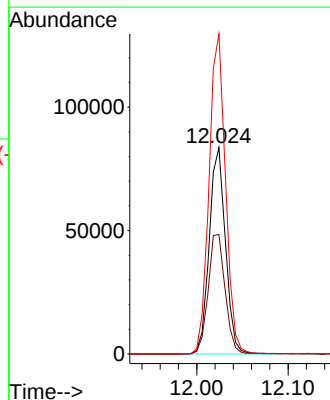
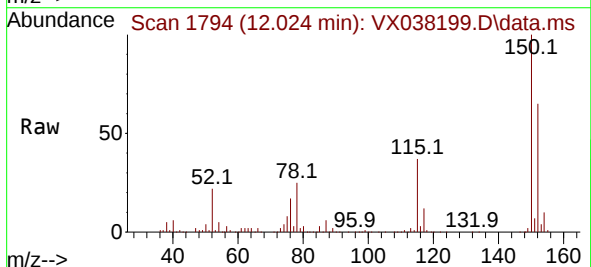
Instrument :
MSVOA_X
ClientSampleId :
GW-3-37-40

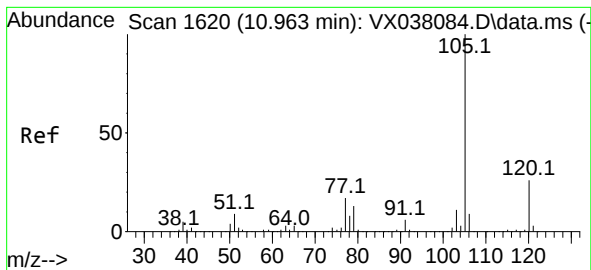
Tgt Ion:106 Resp: 2767
Ion Ratio Lower Upper
106 100
91 209.2 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038199.D
Acq: 10 Oct 2023 14:23

Tgt Ion:152 Resp: 102800
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 157.5 0.0 345.0





#73

Isopropylbenzene

Concen: 31.537 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038199.D

Acq: 10 Oct 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

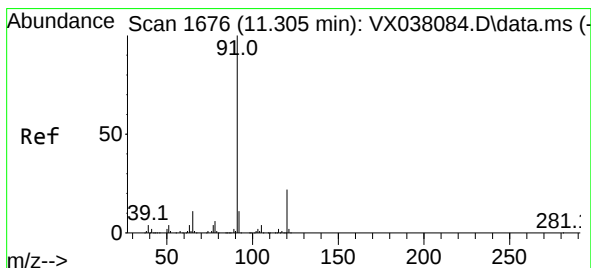
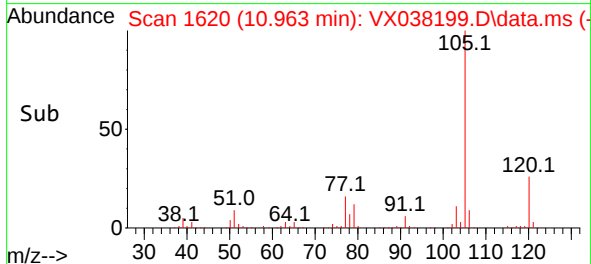
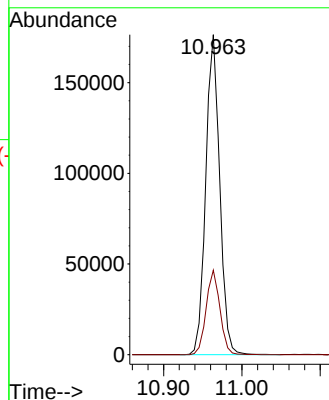
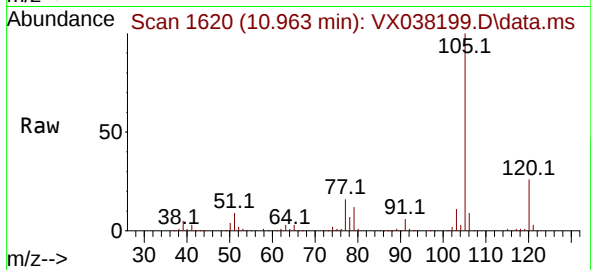
GW-3-37-40

Tgt Ion:105 Resp: 217417

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.6



#78

n-propylbenzene

Concen: 3.815 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX038199.D

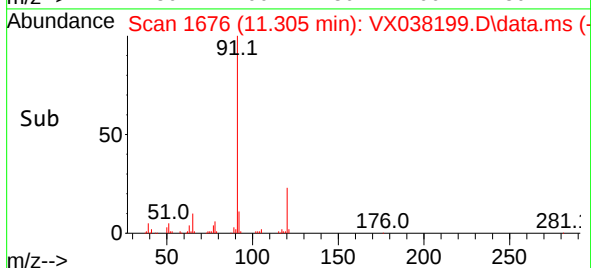
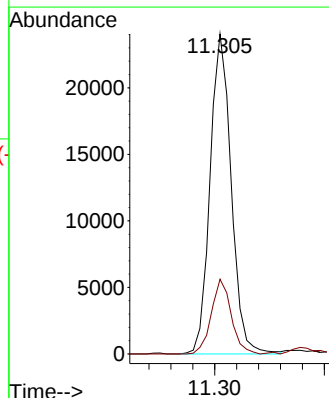
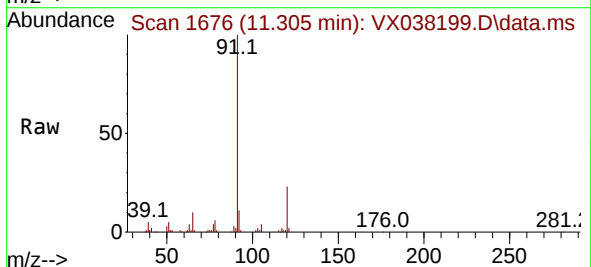
Acq: 10 Oct 2023 14:23

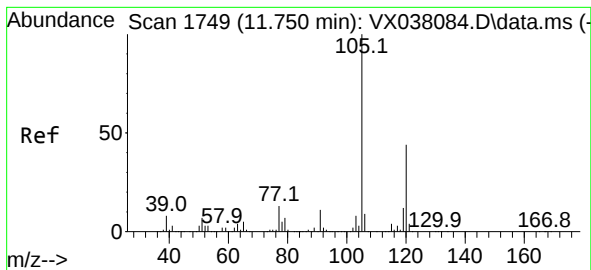
Tgt Ion: 91 Resp: 32159

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 0.401 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038199.D

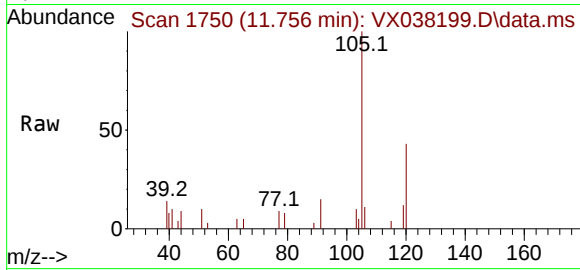
Acq: 10 Oct 2023 14:23

Instrument :

MSVOA_X

ClientSampleId :

GW-3-37-40



Tgt Ion:105 Resp: 2378

Ion Ratio Lower Upper

105 100

120 50.0 21.2 63.6

