

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102423\
 Data File : VX038452.D
 Acq On : 24 Oct 2023 13:31
 Operator : JC/MD
 Sample : 04936-06
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1708

Quant Time: Oct 24 13:56:49 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)

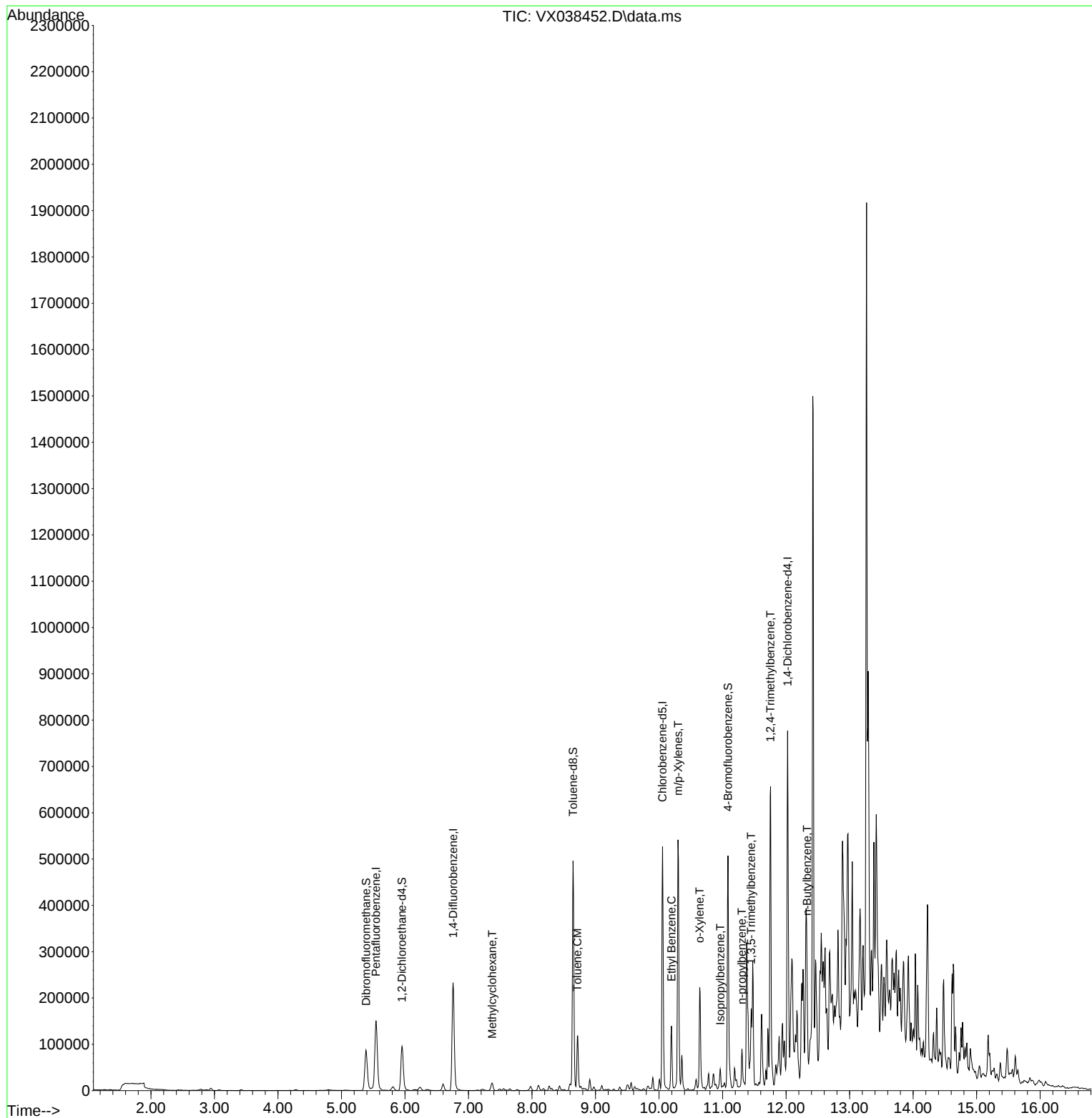
Internal Standards						
1) Pentafluorobenzene	5.543	168	146769	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.757	114	256274	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93218	39.488	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	78.980%		
35) Dibromofluoromethane	5.385	113	75928	41.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	82.240%		
50) Toluene-d8	8.647	98	308842	43.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.540%#		
62) 4-Bromofluorobenzene	11.085	95	125356	46.860	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.720%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.372	83	7229	2.424	ug/l	91
52) Toluene	8.714	92	48132	10.374	ug/l	96
67) Ethyl Benzene	10.195	91	82488	8.739	ug/l	98
68) m/p-Xylenes	10.299	106	133734	36.641	ug/l	98
69) o-Xylene	10.640	106	52677	14.788	ug/l	97
73) Isopropylbenzene	10.963	105	21666	2.169	ug/l	97
78) n-propylbenzene	11.305	91	53628	4.392	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	68064	7.900	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	280673	32.671	ug/l	97
89) n-Butylbenzene	12.329	91	52881	5.901	ug/l #	46

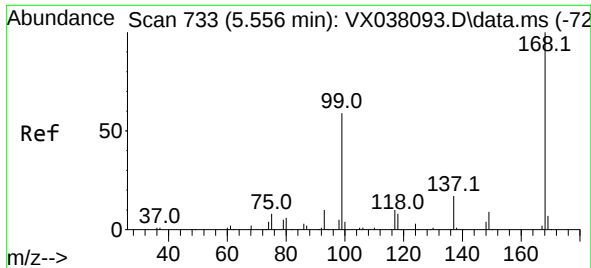
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

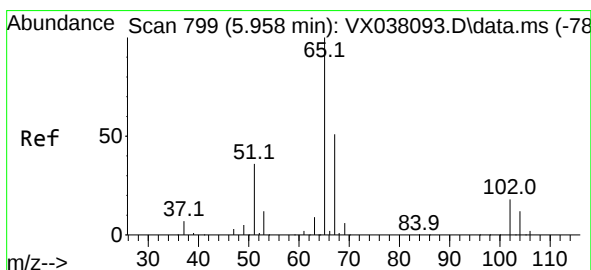
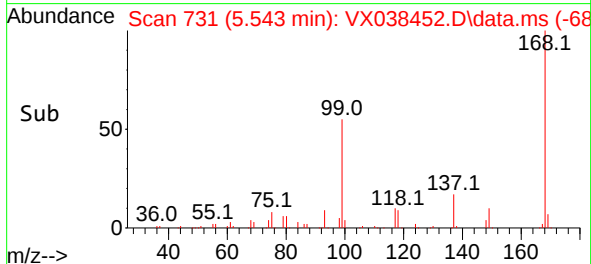
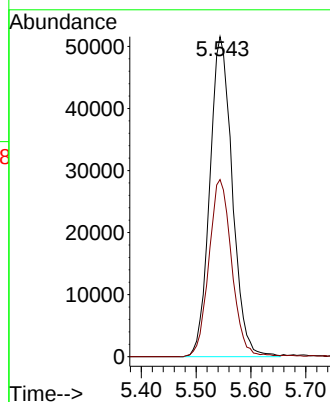
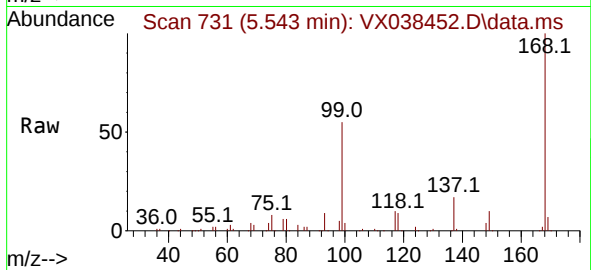




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

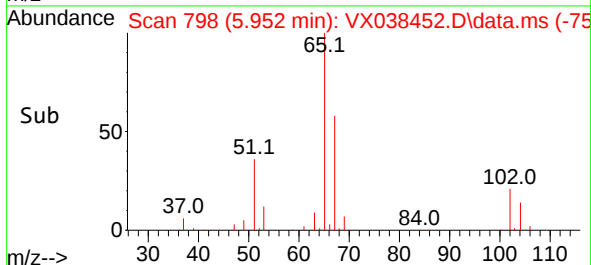
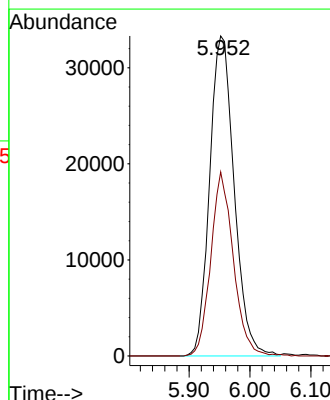
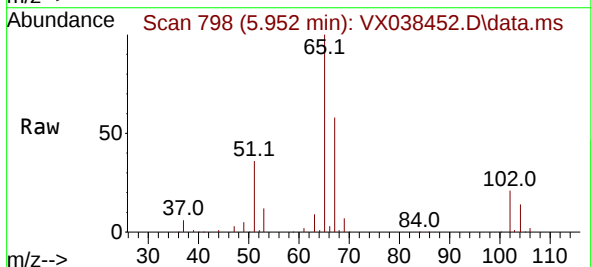
Instrument :
MSVOA_X
ClientSampleId :
1708

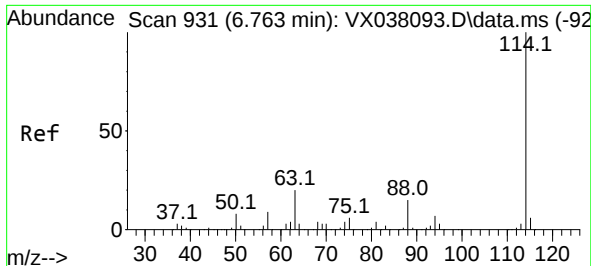
Tgt Ion:168 Resp: 146769
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 39.488 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

Tgt Ion: 65 Resp: 93218
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

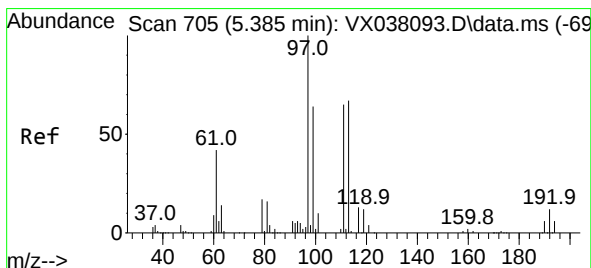
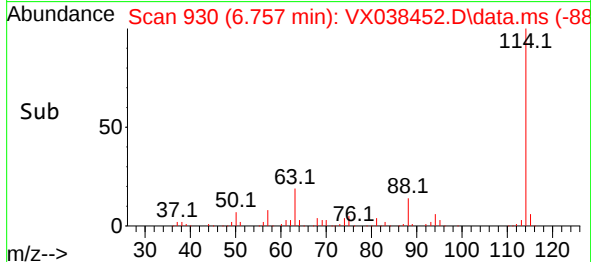
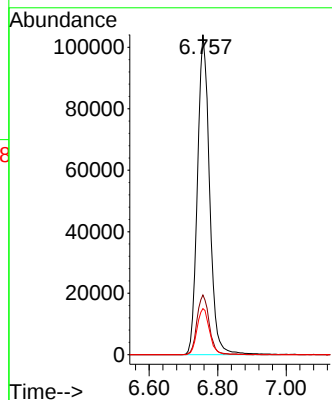
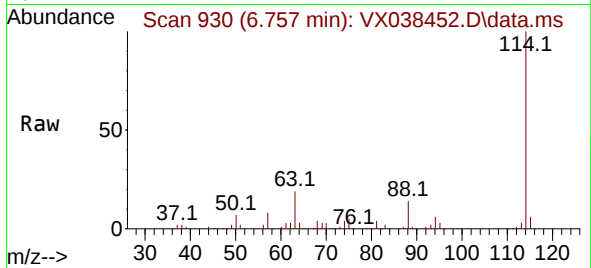




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

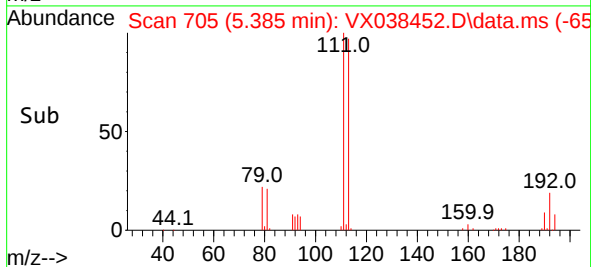
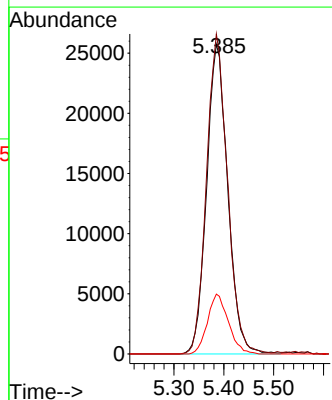
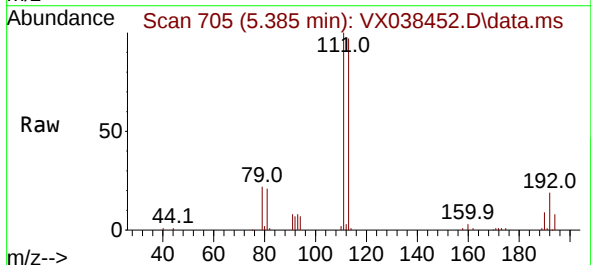
Instrument :
MSVOA_X
ClientSampleId :
1708

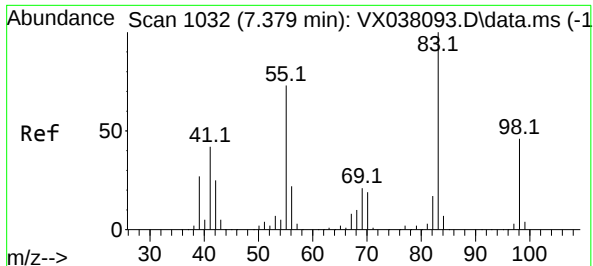
Tgt Ion:114 Resp: 256274
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 14.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 41.117 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

Tgt Ion:113 Resp: 75928
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 19.1 13.3 19.9





#39

Methylcyclohexane

Concen: 2.424 ug/l

RT: 7.372 min Scan# 1032

Delta R.T. -0.013 min

Lab File: VX038452.D

Acq: 24 Oct 2023 13:31

Instrument :

MSVOA_X

ClientSampleId :

1708

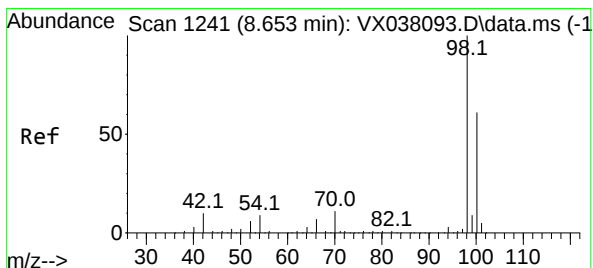
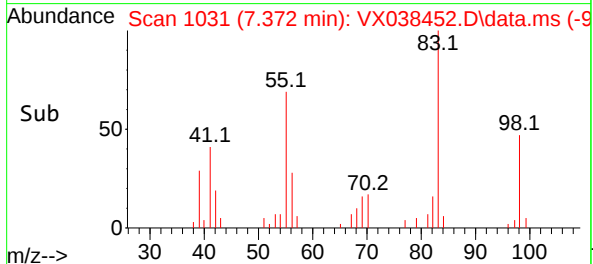
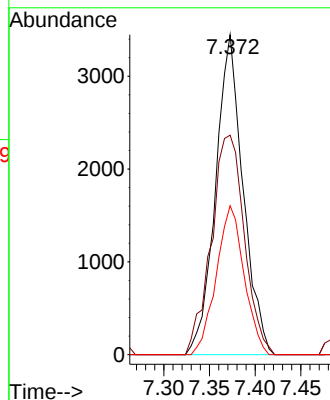
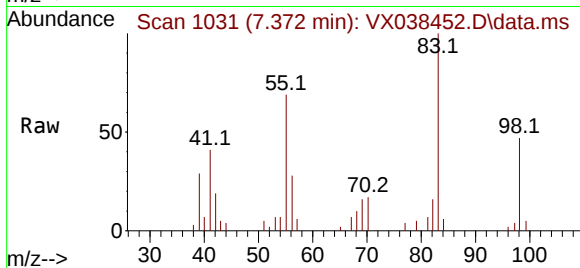
Tgt Ion: 83 Resp: 7229

Ion Ratio Lower Upper

83 100

55 68.6 64.6 97.0

98 46.6 36.7 55.1



#50

Toluene-d8

Concen: 43.768 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038452.D

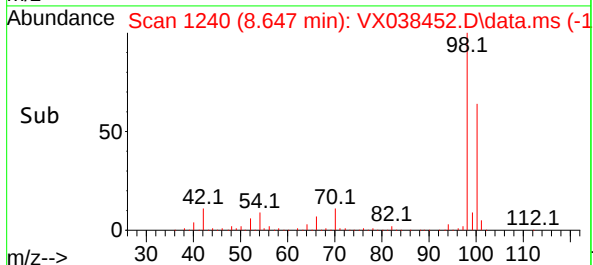
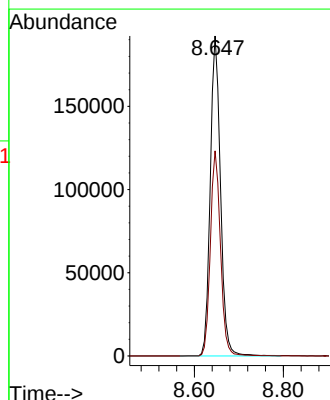
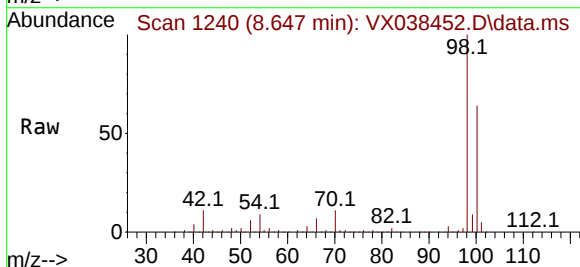
Acq: 24 Oct 2023 13:31

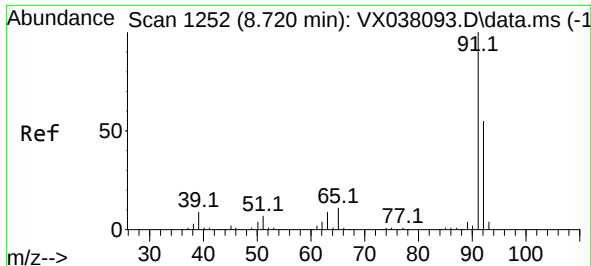
Tgt Ion: 98 Resp: 308842

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7

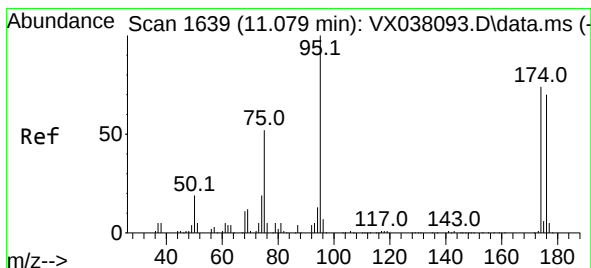
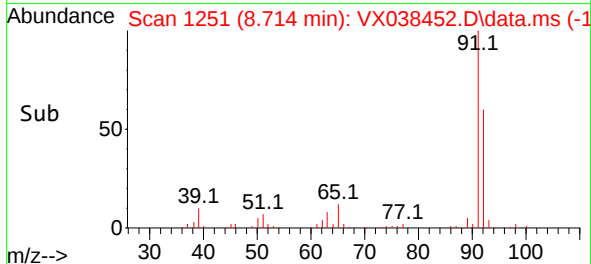
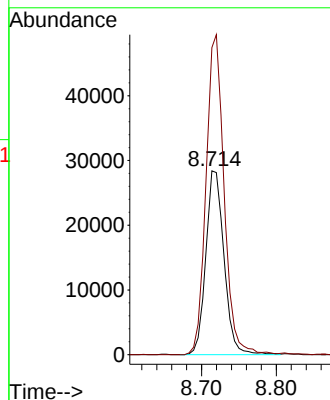
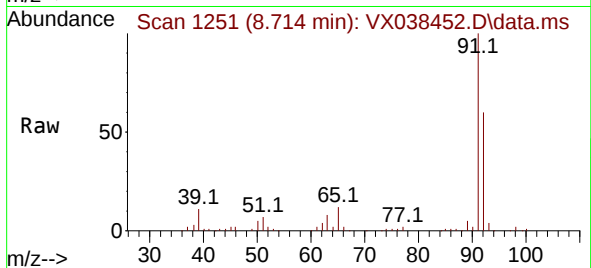




#52
Toluene
Concen: 10.374 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

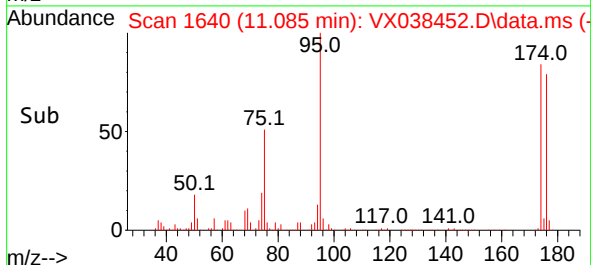
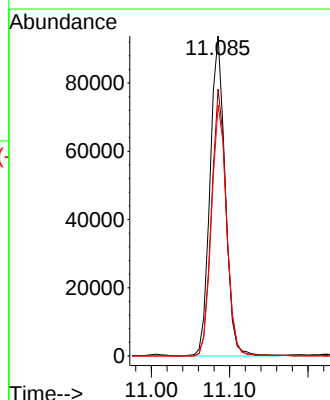
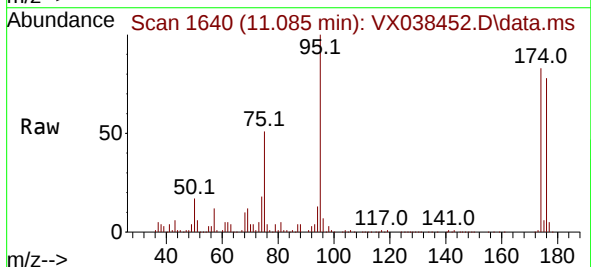
Instrument :
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ClientSampleId :
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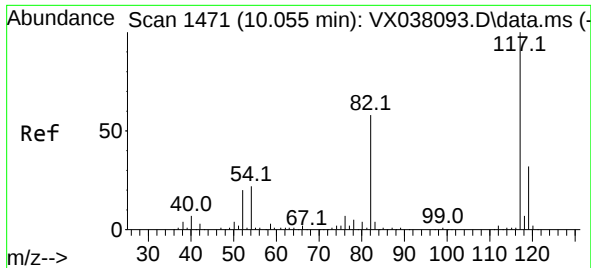
Tgt Ion: 92 Resp: 48132
Ion Ratio Lower Upper
92 100
91 172.7 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.860 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

Tgt Ion: 95 Resp: 125356
Ion Ratio Lower Upper
95 100
174 81.8 0.0 135.6
176 78.6 0.0 131.0

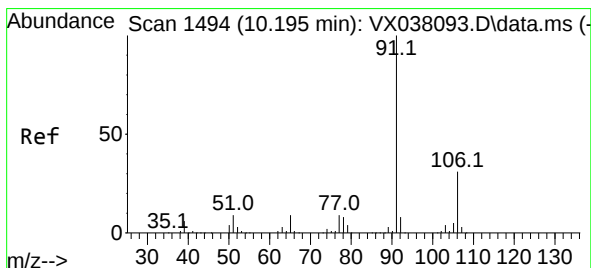
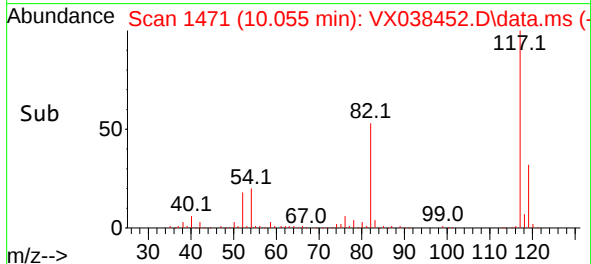
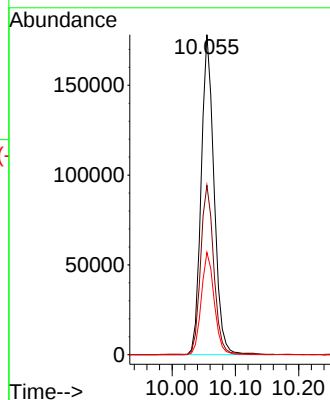
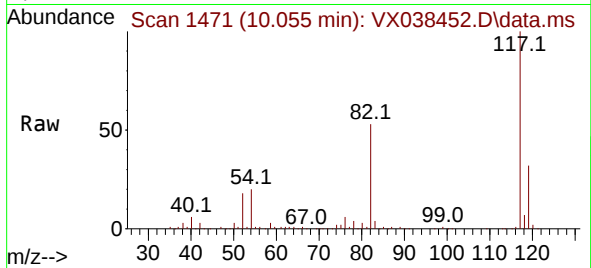




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

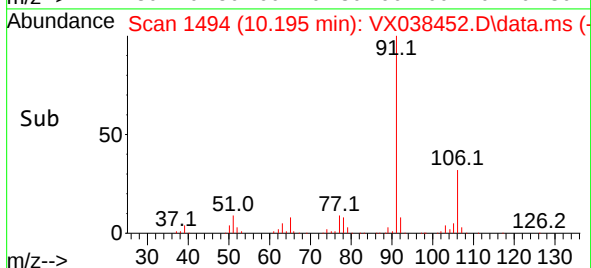
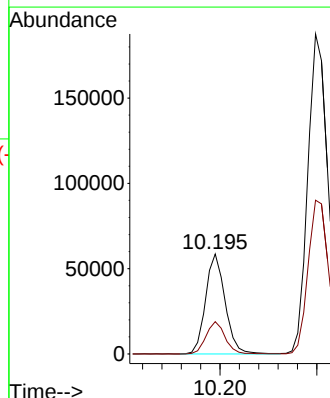
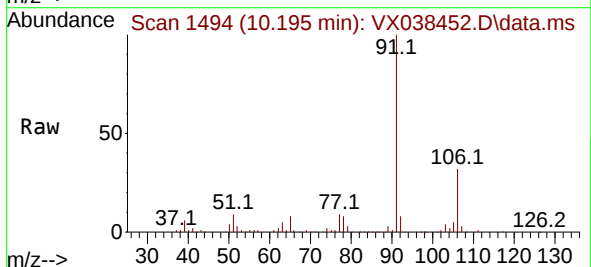
Instrument :
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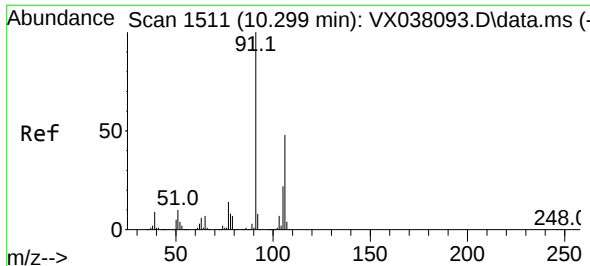
Tgt Ion:117 Resp: 252712
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 32.0 25.5 38.3



#67
Ethyl Benzene
Concen: 8.739 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

Tgt Ion: 91 Resp: 82488
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

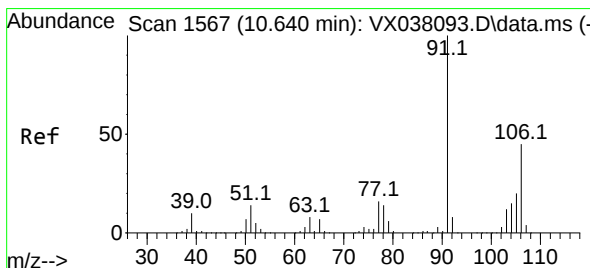
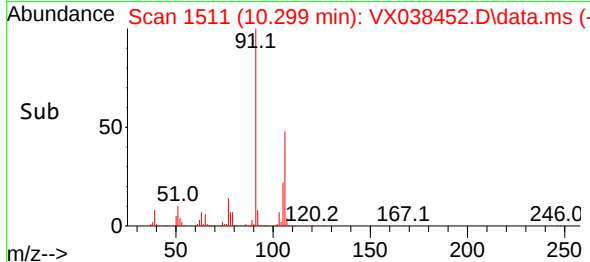
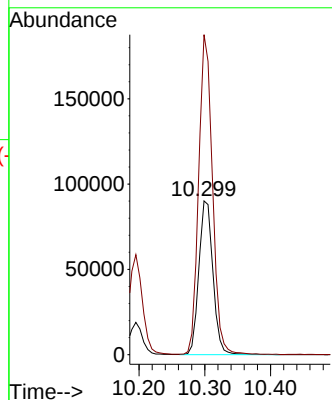
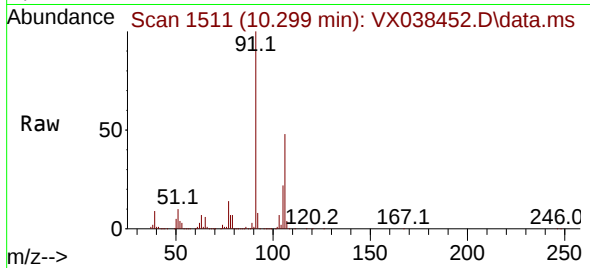




#68
m/p-Xylenes
Concen: 36.641 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

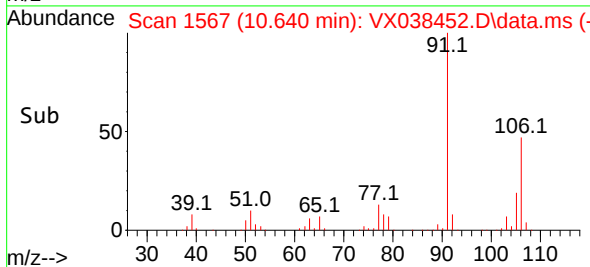
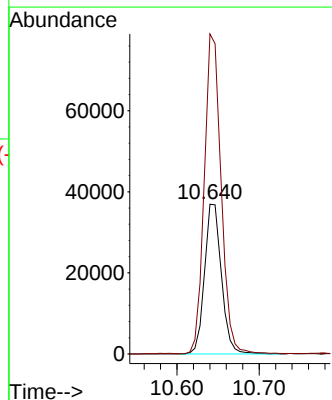
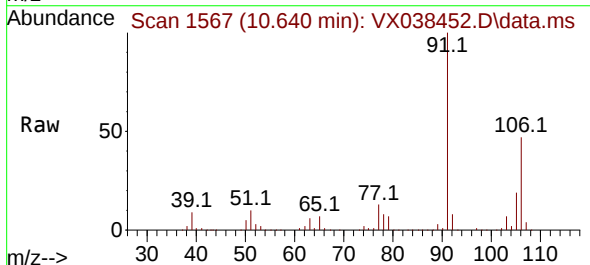
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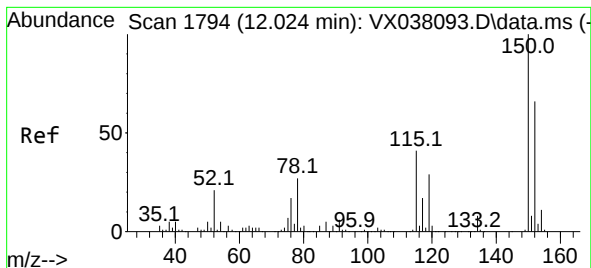
Tgt Ion:106 Resp: 133734
Ion Ratio Lower Upper
106 100
91 203.4 165.5 248.3



#69
o-Xylene
Concen: 14.788 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

Tgt Ion:106 Resp: 52677
Ion Ratio Lower Upper
106 100
91 213.0 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038452.D

Acq: 24 Oct 2023 13:31

Instrument :

MSVOA_X

ClientSampleId :

1708

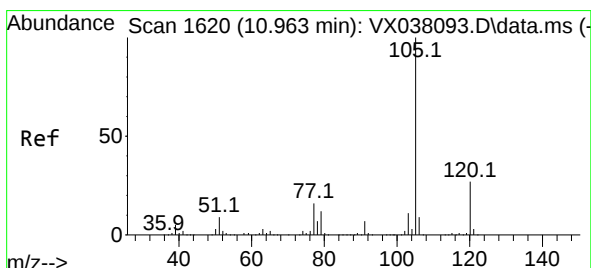
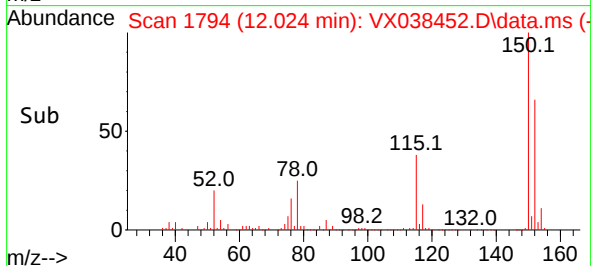
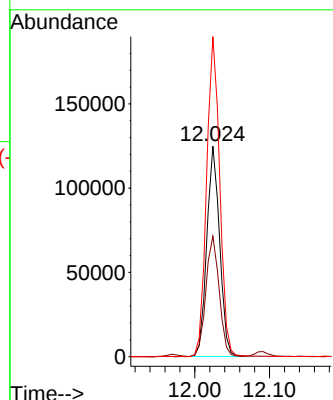
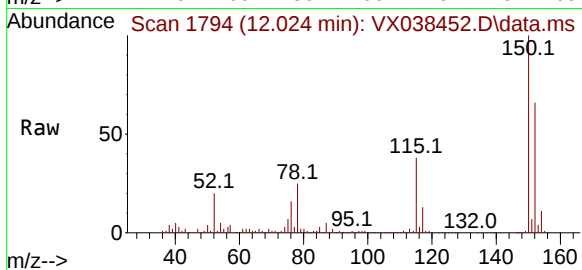
Tgt Ion:152 Resp: 148920

Ion Ratio Lower Upper

152 100

115 58.9 43.3 129.9

150 155.5 0.0 345.0



#73

Isopropylbenzene

Concen: 2.169 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038452.D

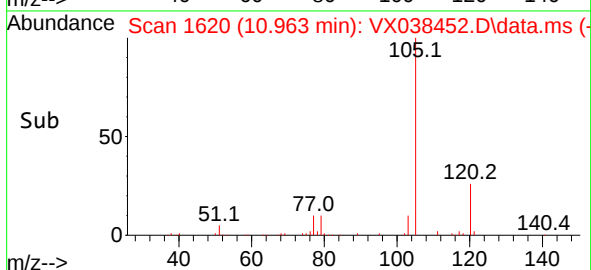
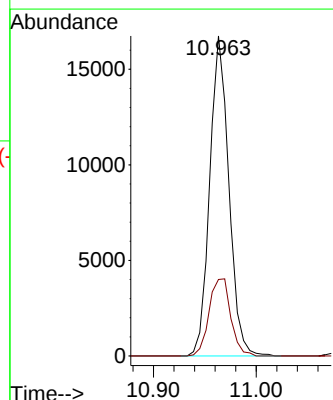
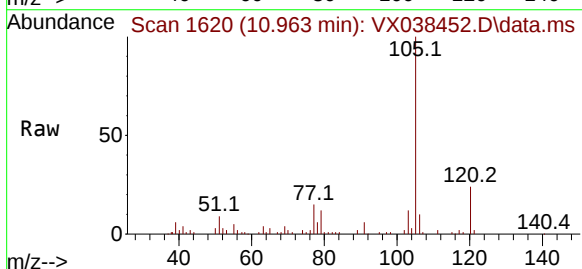
Acq: 24 Oct 2023 13:31

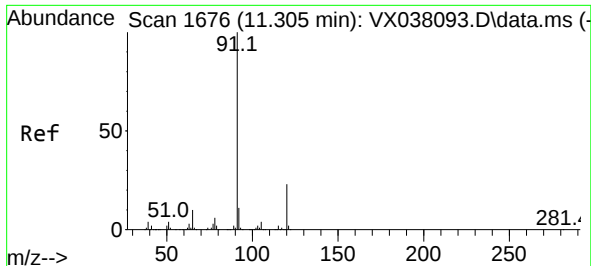
Tgt Ion:105 Resp: 21666

Ion Ratio Lower Upper

105 100

120 27.4 12.9 38.6

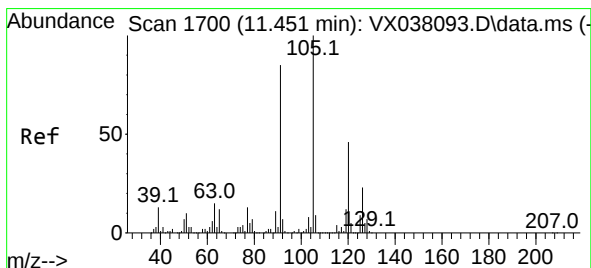
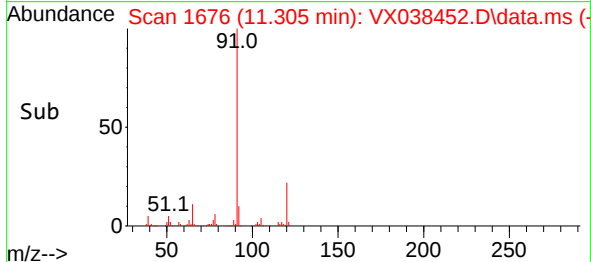
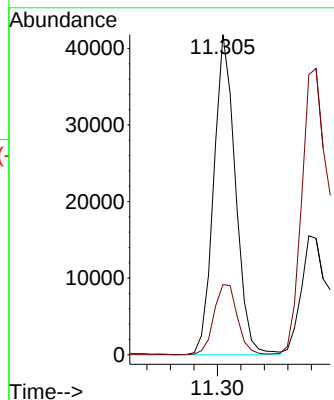
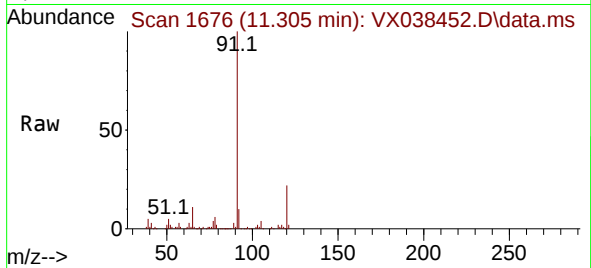




#78
n-propylbenzene
Concen: 4.392 ug/l
RT: 11.305 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

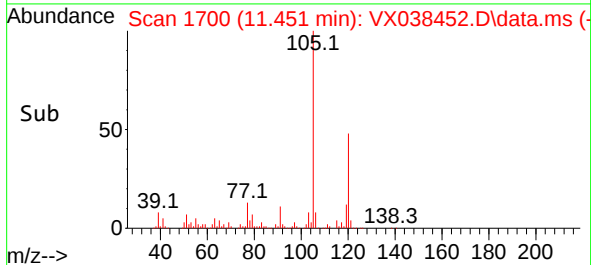
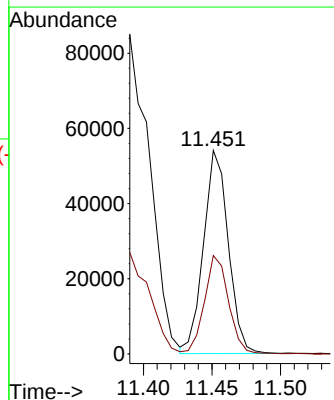
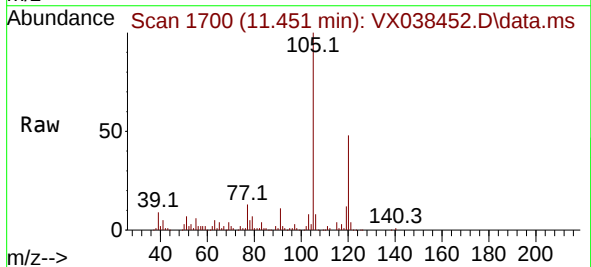
Instrument :
MSVOA_X
ClientSampleId :
1708

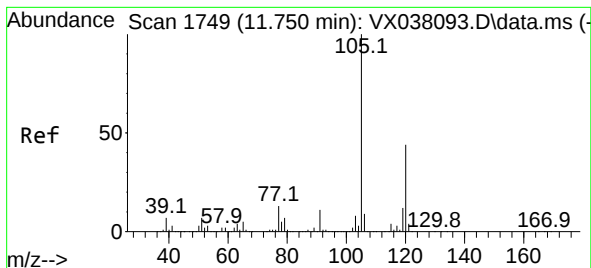
Tgt Ion: 91 Resp: 53628
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 7.900 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX038452.D
Acq: 24 Oct 2023 13:31

Tgt Ion: 105 Resp: 68064
Ion Ratio Lower Upper
105 100
120 46.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 32.671 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038452.D

Acq: 24 Oct 2023 13:31

Instrument :

MSVOA_X

ClientSampleId :

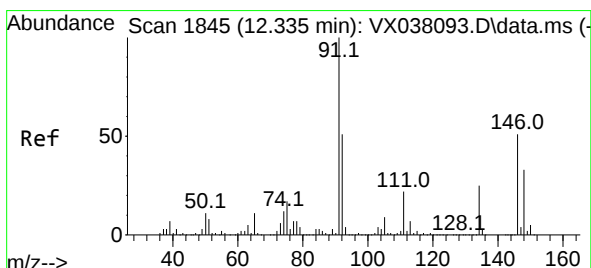
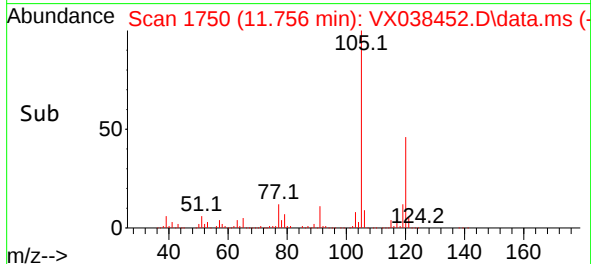
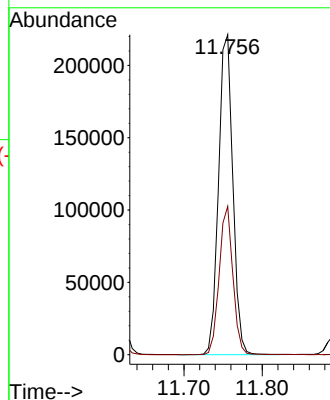
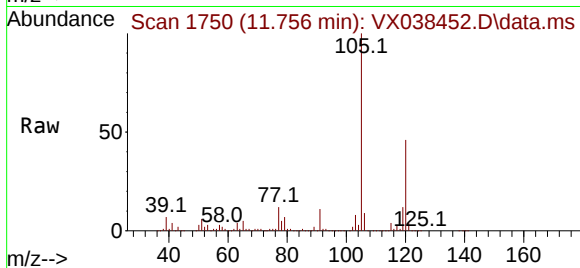
1708

Tgt Ion:105 Resp: 280673

Ion Ratio Lower Upper

105 100

120 44.5 21.2 63.6



#89

n-Butylbenzene

Concen: 5.901 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038452.D

Acq: 24 Oct 2023 13:31

Tgt Ion: 91 Resp: 52881

Ion Ratio Lower Upper

91 100

92 37.0 27.4 82.0

134 85.0 12.6 37.8#

