

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039802.D
 Acq On : 17 Jan 2024 15:08
 Operator : JC/MD
 Sample : P1152-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A2421DL

Quant Time: Jan 18 02:43:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

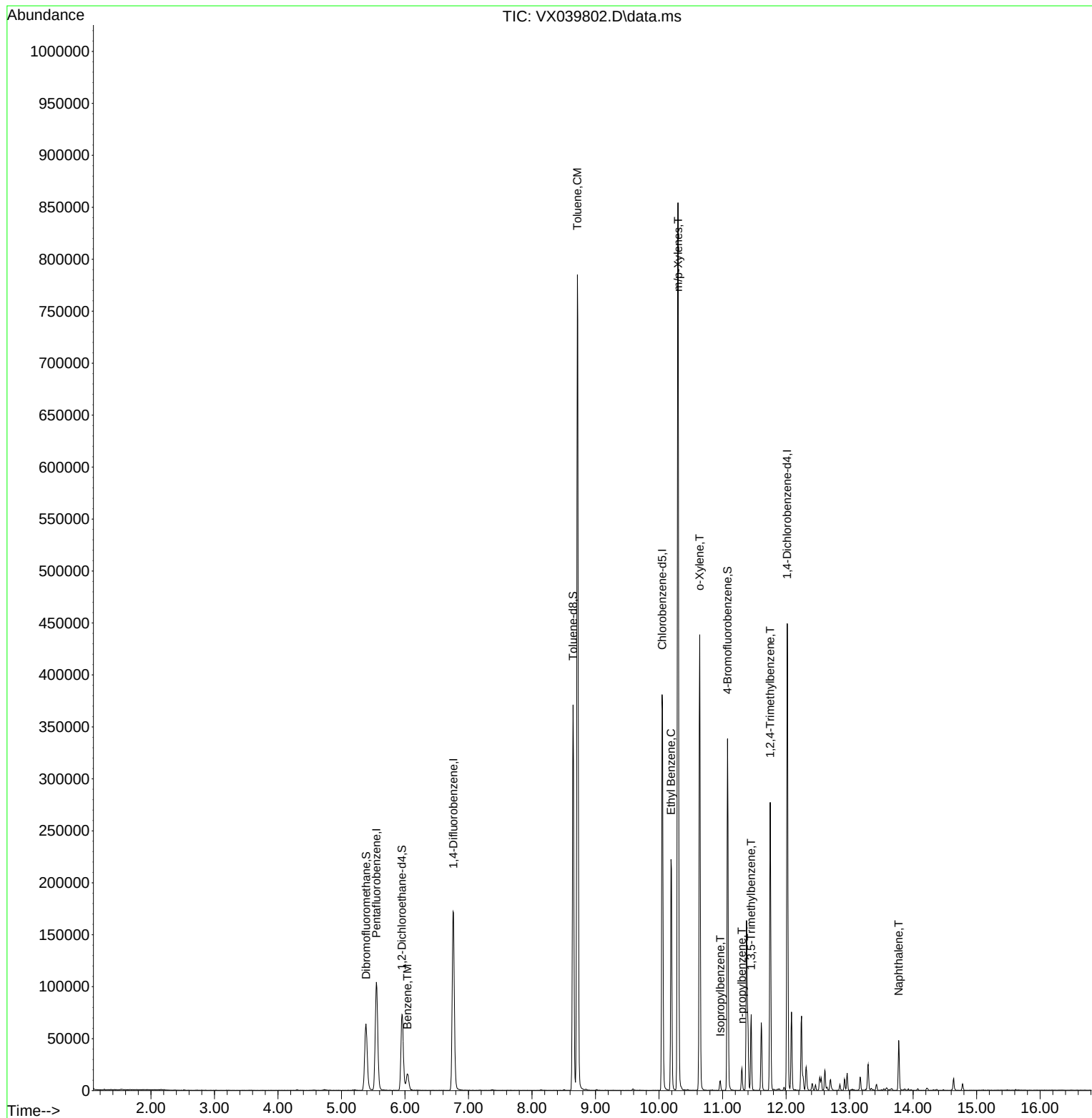
Internal Standards						
1) Pentafluorobenzene	5.550	168	91778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	166521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71094	46.243	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.480%		
35) Dibromofluoromethane	5.385	113	55060	47.729	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	8.647	98	212269	48.788	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.580%		
62) 4-Bromofluorobenzene	11.079	95	87912	51.671	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.340%		
Target Compounds					Qvalue	
40) Benzene	6.037	78	19060	3.749	ug/l	99
52) Toluene	8.714	92	283415	93.322	ug/l	95
67) Ethyl Benzene	10.189	91	129046	20.041	ug/l	98
68) m/p-Xylenes	10.299	106	186890	78.921	ug/l	96
69) o-Xylene	10.640	106	87727	37.408	ug/l	95
73) Isopropylbenzene	10.963	105	4984	0.738	ug/l	99
78) n-propylbenzene	11.305	91	13905	1.702	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	29581	5.161	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	115445	20.187	ug/l	98
95) Naphthalene	13.774	128	28243	4.408	ug/l	99

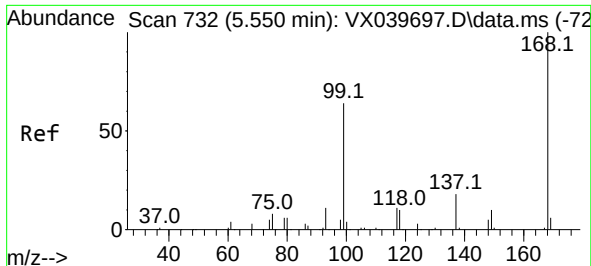
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jan 18 02:43:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

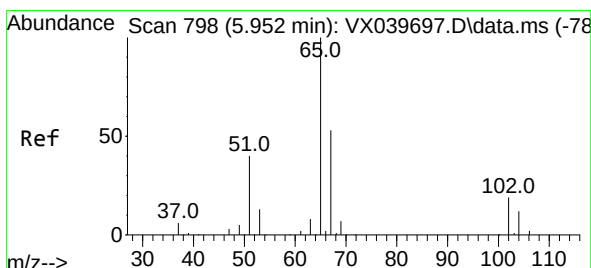
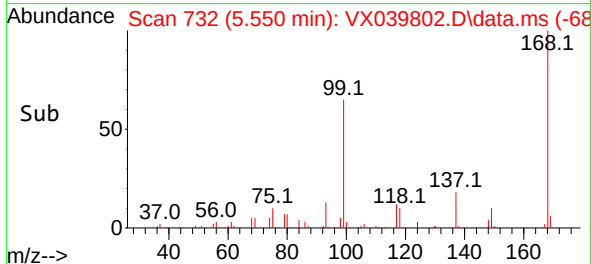
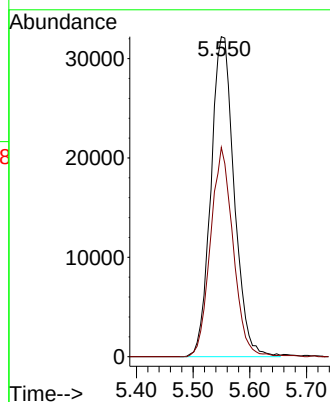
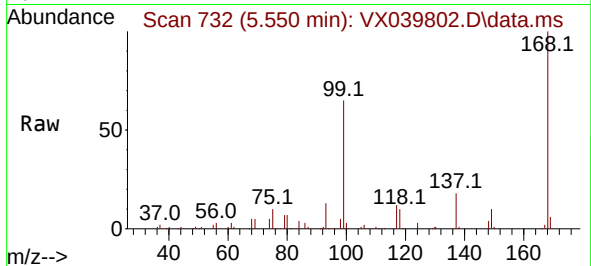




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

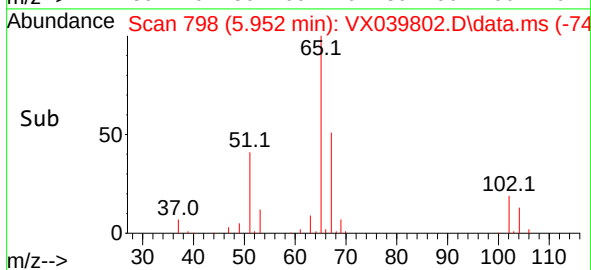
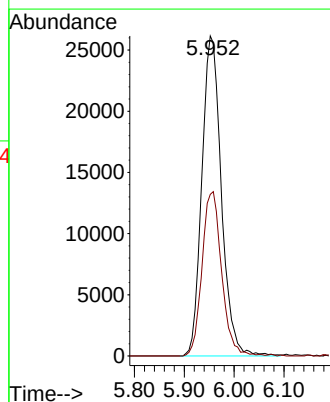
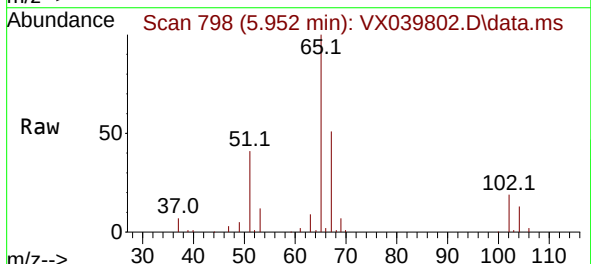
Instrument :
MSVOA_X
ClientSampleId :
A2421DL

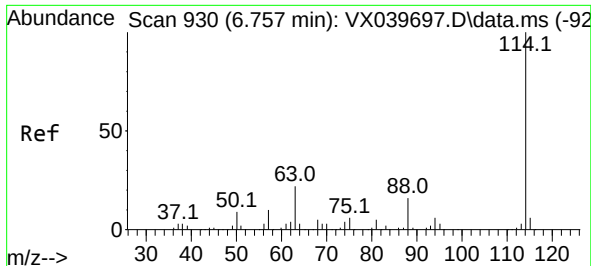
Tgt Ion:168 Resp: 91778
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.243 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

Tgt Ion: 65 Resp: 71094
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX039802.D

Acq: 17 Jan 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

A2421DL

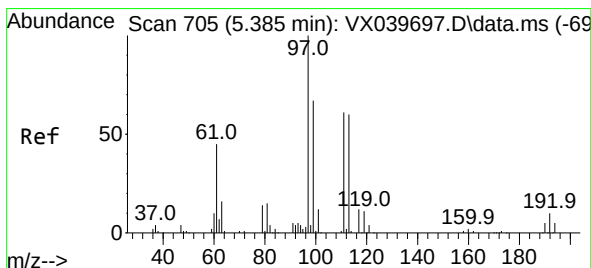
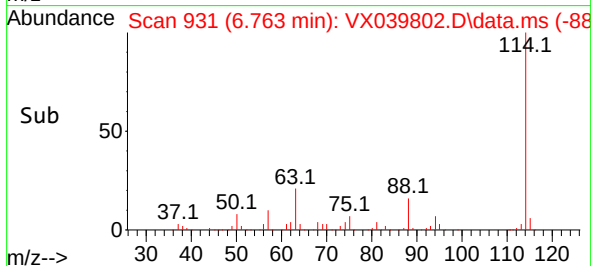
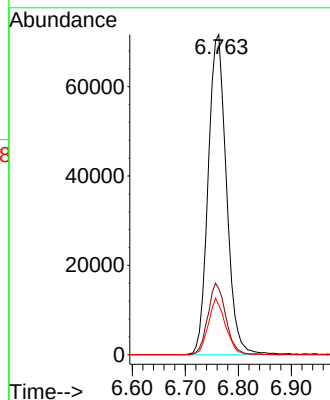
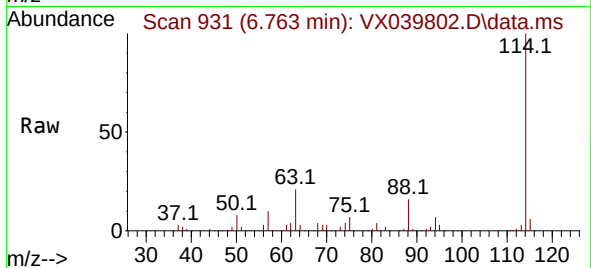
Tgt Ion:114 Resp: 171271

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 15.5 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.729 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX039802.D

Acq: 17 Jan 2024 15:08

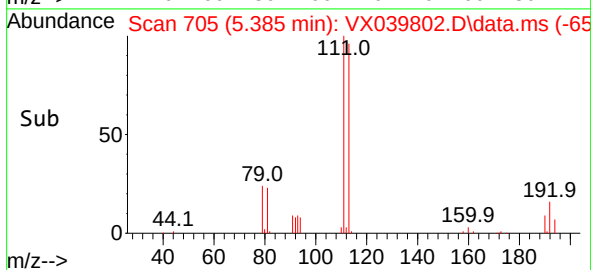
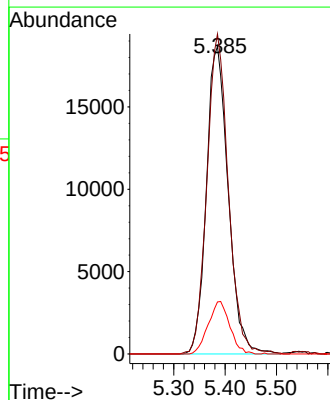
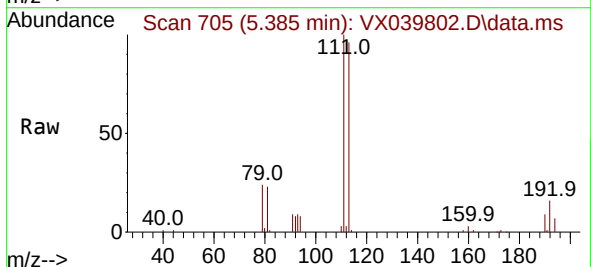
Tgt Ion:113 Resp: 55060

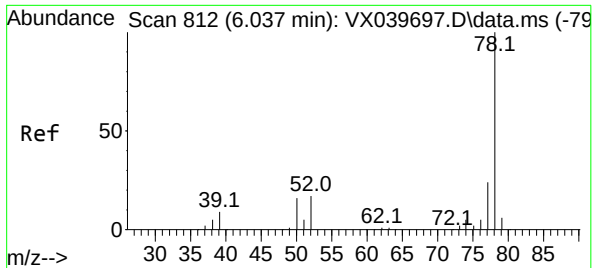
Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 16.8 13.3 19.9

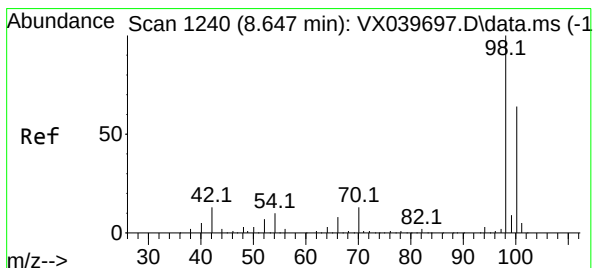
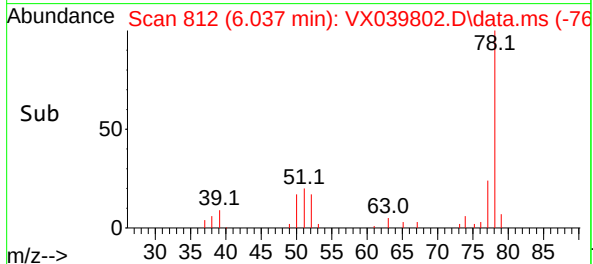
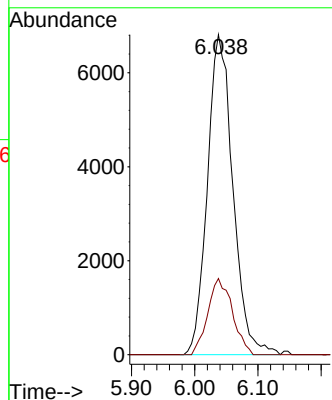
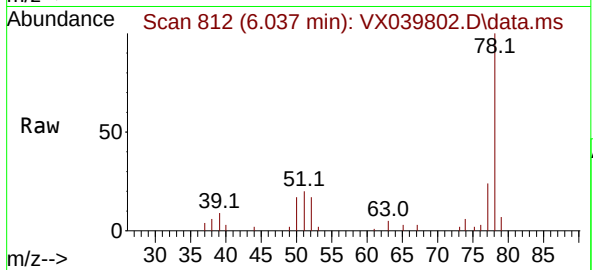




#40
Benzene
Concen: 3.749 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

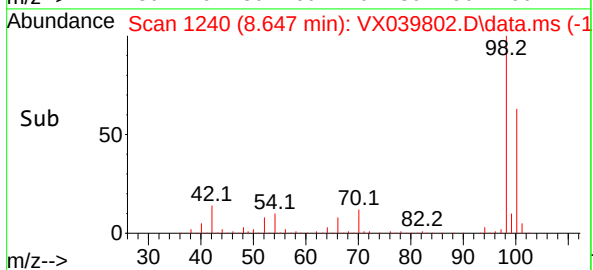
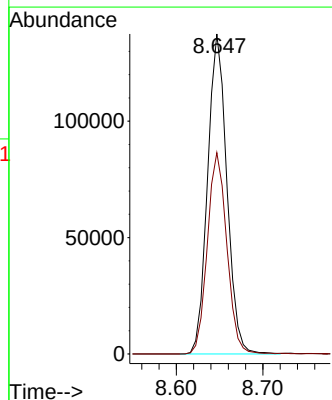
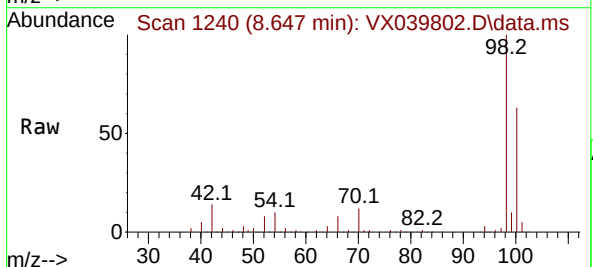
Instrument :
MSVOA_X
ClientSampleId :
A2421DL

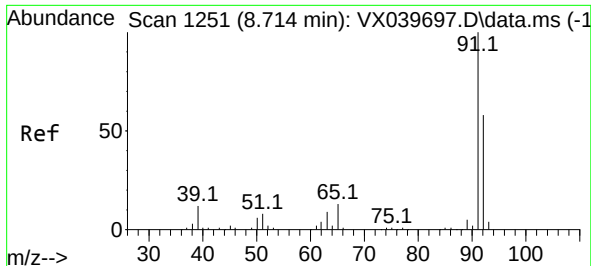
Tgt Ion: 78 Resp: 19060
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



#50
Toluene-d8
Concen: 48.788 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

Tgt Ion: 98 Resp: 212269
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

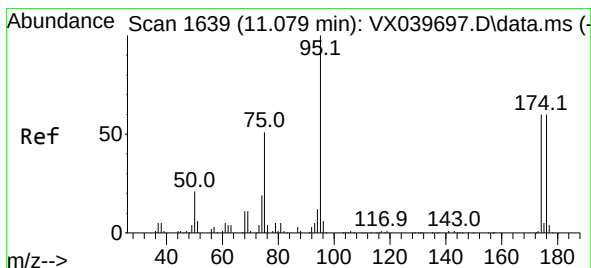
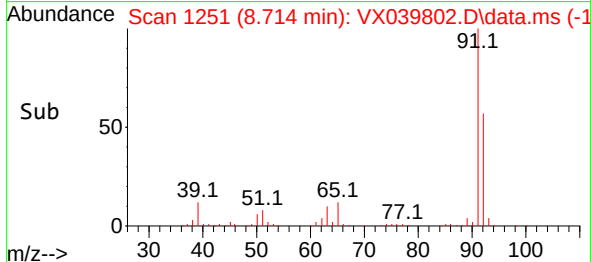
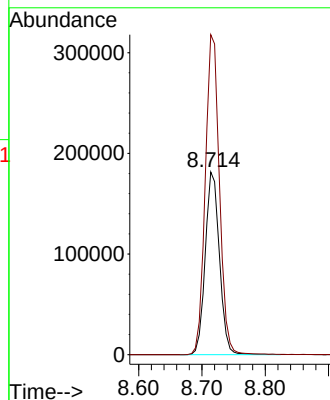
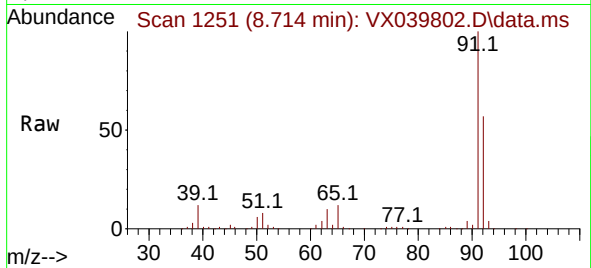




#52
Toluene
Concen: 93.322 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

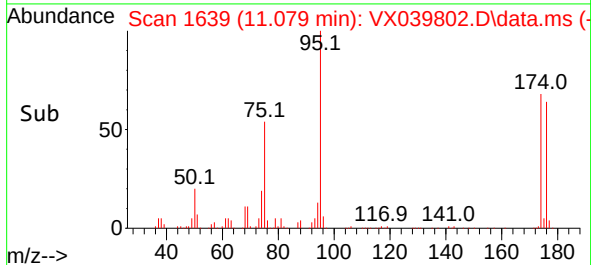
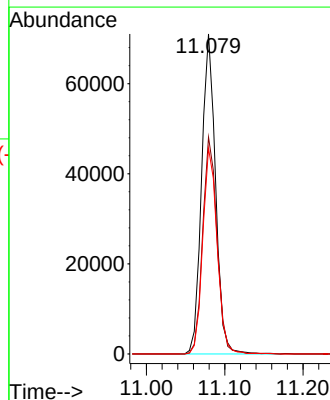
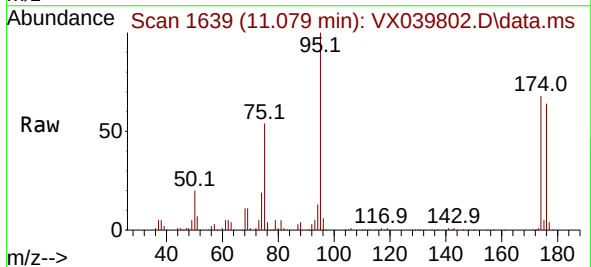
Instrument :
MSVOA_X
ClientSampleId :
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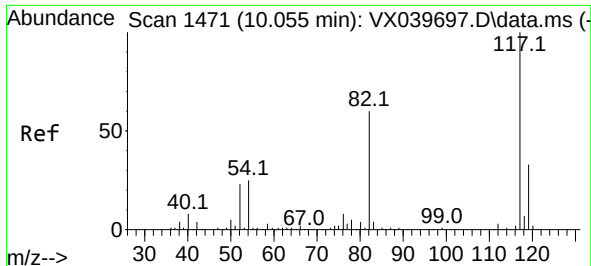
Tgt Ion: 92 Resp: 283415
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 51.671 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

Tgt Ion: 95 Resp: 87912
Ion Ratio Lower Upper
95 100
174 69.8 0.0 135.6
176 66.1 0.0 131.0

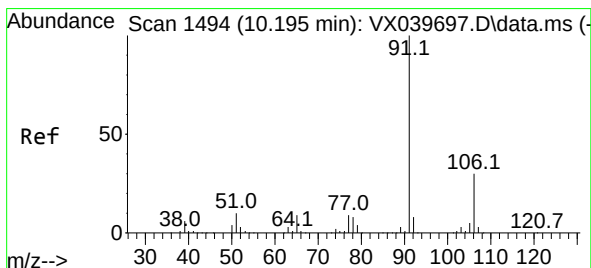
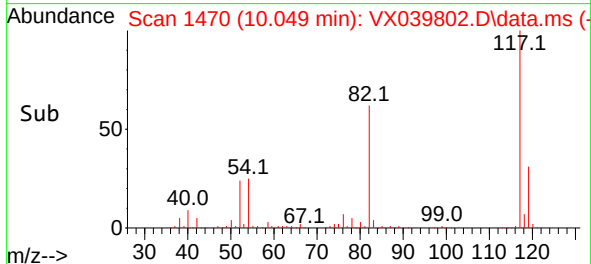
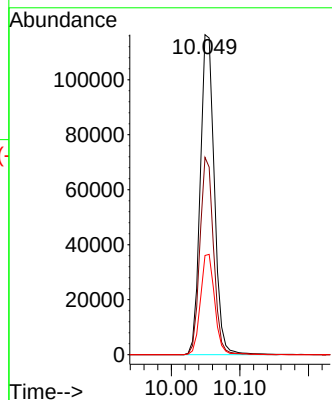
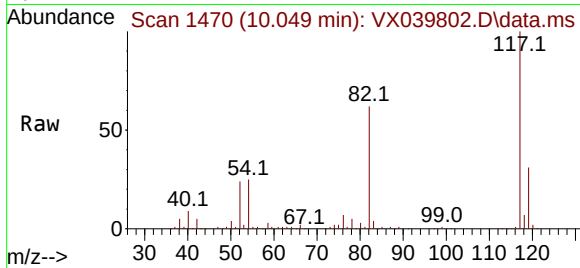




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

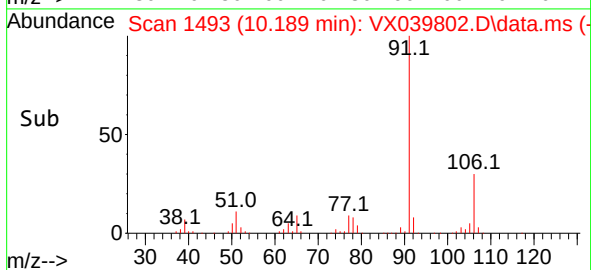
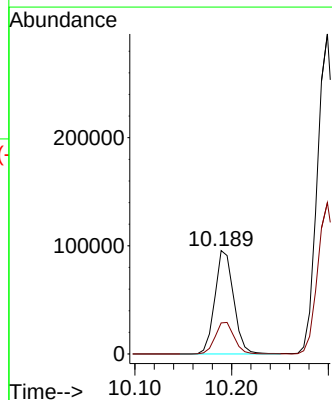
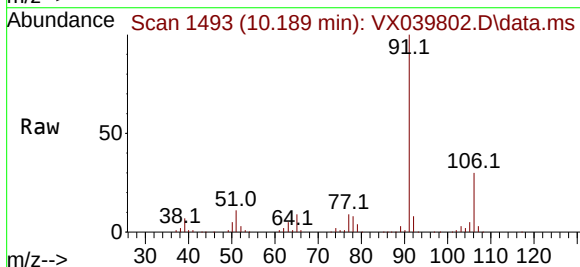
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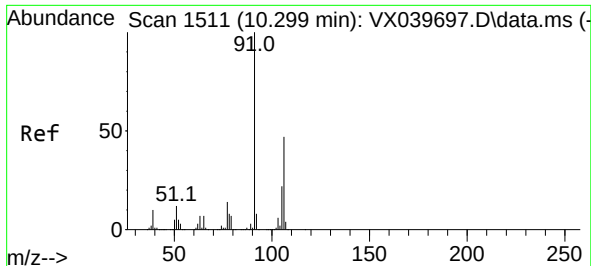
Tgt Ion:117 Resp: 166521
Ion Ratio Lower Upper
117 100
82 61.6 46.2 69.4
119 31.0 25.5 38.3



#67
Ethyl Benzene
Concen: 20.041 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

Tgt Ion: 91 Resp: 129046
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3

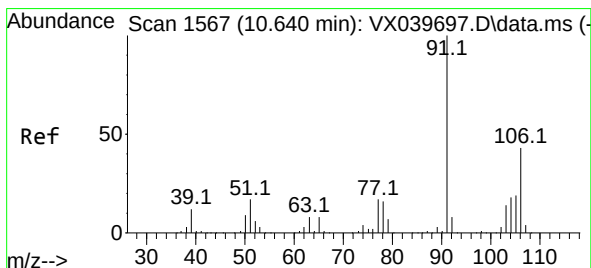
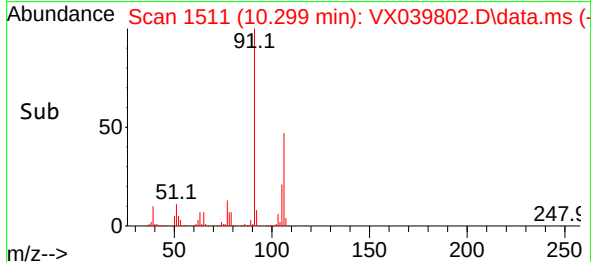
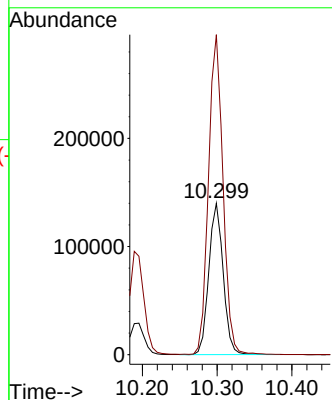
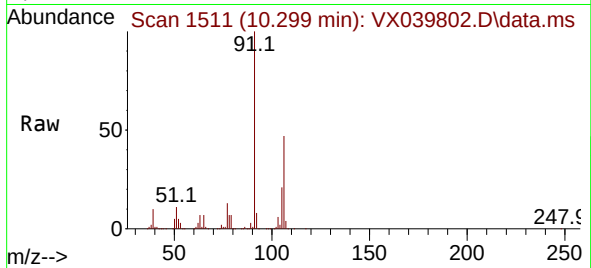




#68
m/p-Xylenes
Concen: 78.921 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

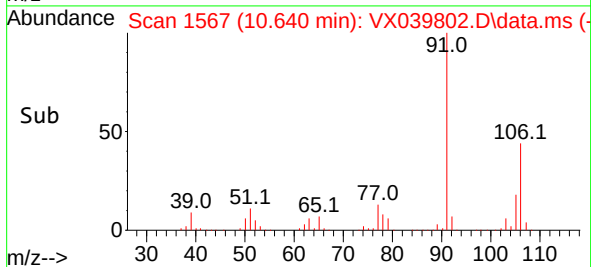
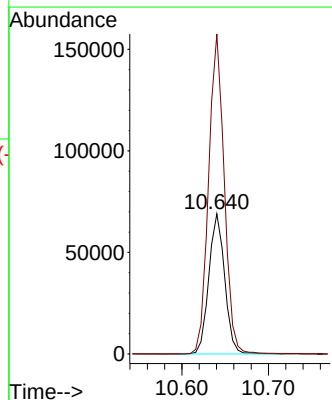
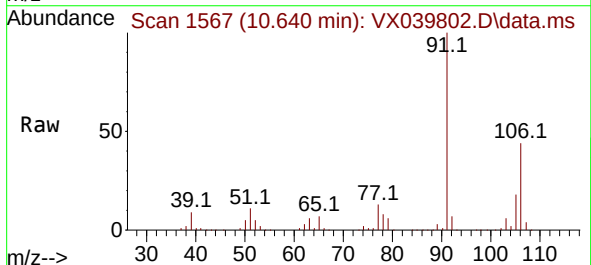
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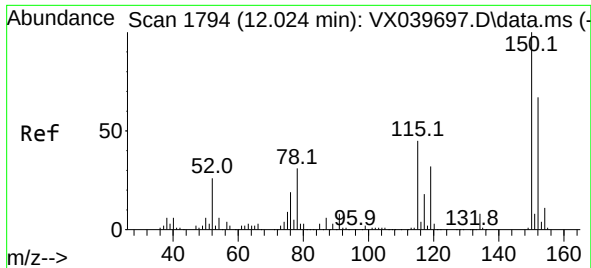
Tgt Ion:106 Resp: 186890
Ion Ratio Lower Upper
106 100
91 213.6 165.5 248.3



#69
o-Xylene
Concen: 37.408 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

Tgt Ion:106 Resp: 87727
Ion Ratio Lower Upper
106 100
91 225.5 108.9 326.8

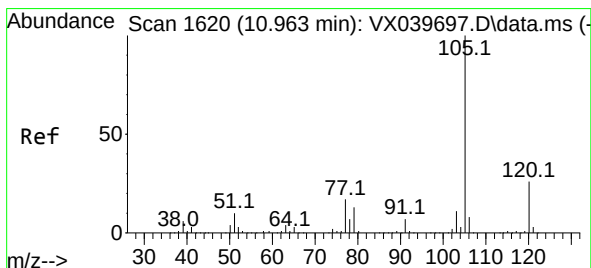
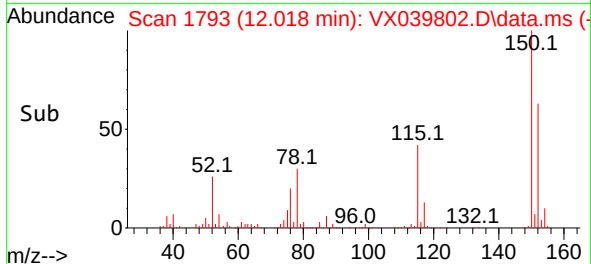
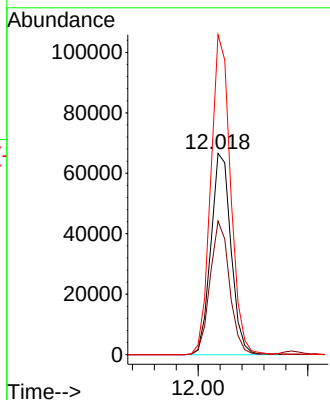
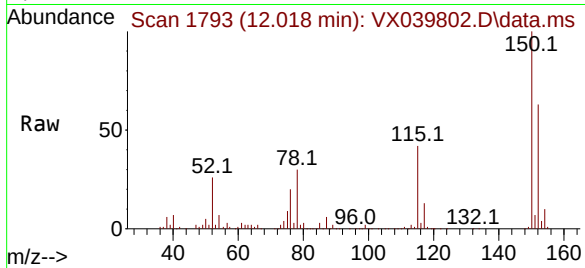




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

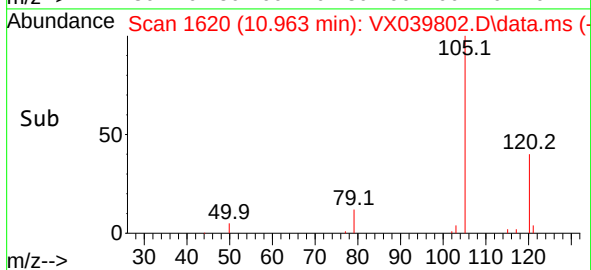
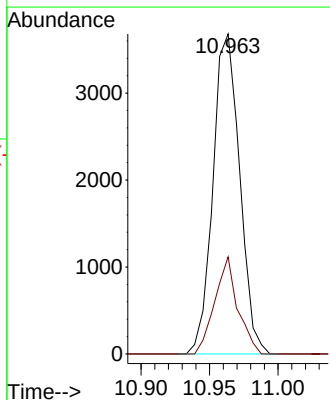
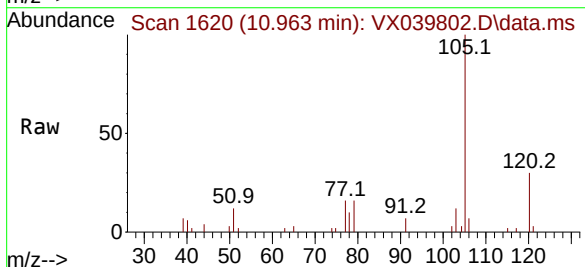
Instrument :
MSVOA_X
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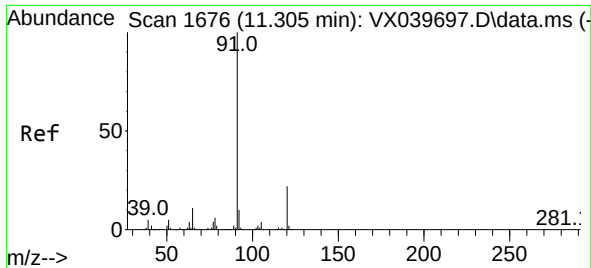
Tgt Ion:152 Resp: 84770
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 157.4 0.0 345.0



#73
Isopropylbenzene
Concen: 0.738 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

Tgt Ion:105 Resp: 4984
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

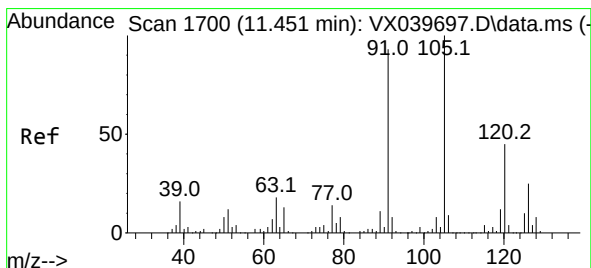
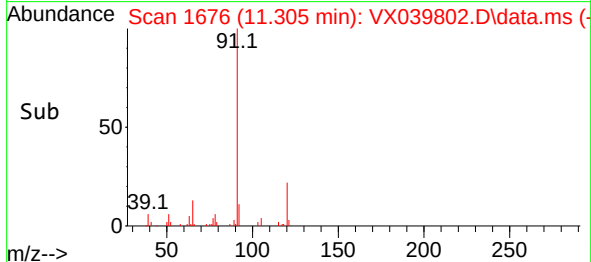
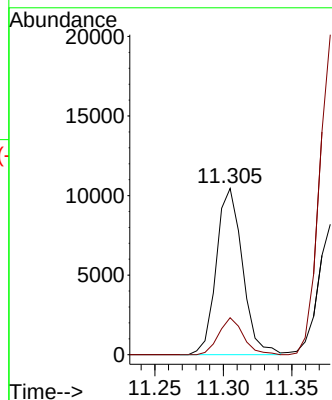
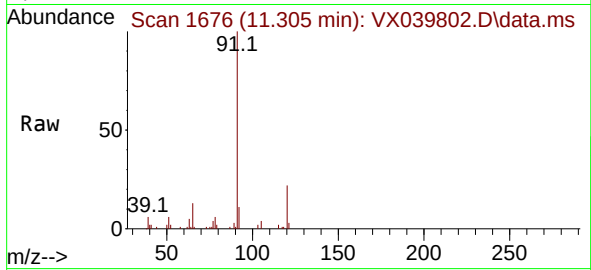




#78
n-propylbenzene
Concen: 1.702 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

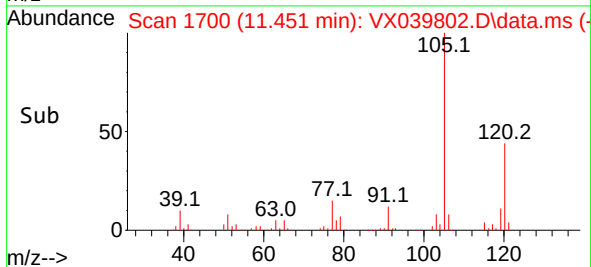
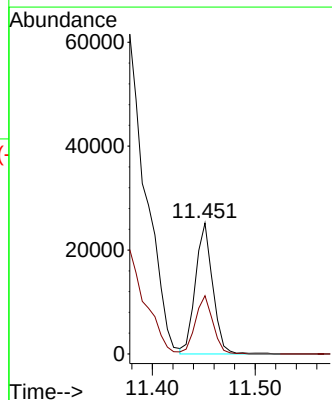
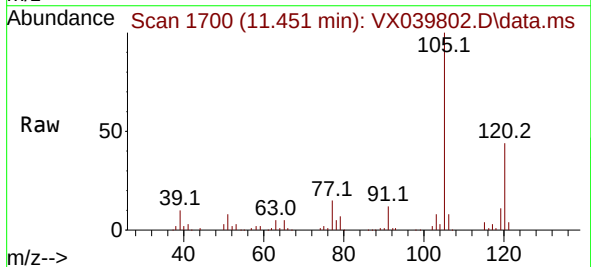
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MSVOA_X
ClientSampleId :
A2421DL

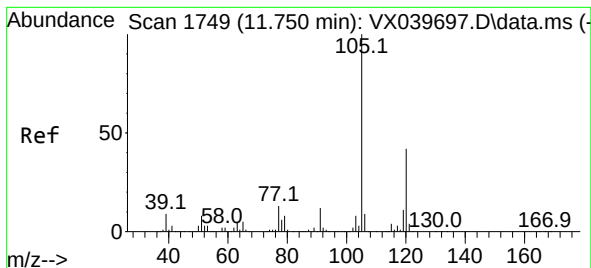
Tgt Ion: 91 Resp: 13905
Ion Ratio Lower Upper
91 100
120 20.8 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 5.161 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039802.D
Acq: 17 Jan 2024 15:08

Tgt Ion: 105 Resp: 29581
Ion Ratio Lower Upper
105 100
120 45.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 20.187 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039802.D

Acq: 17 Jan 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

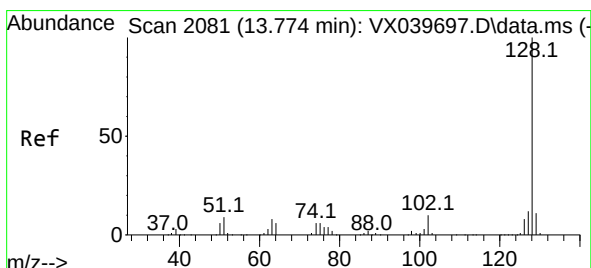
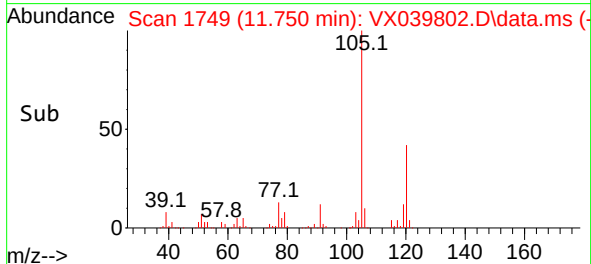
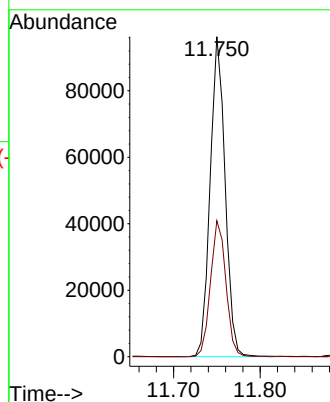
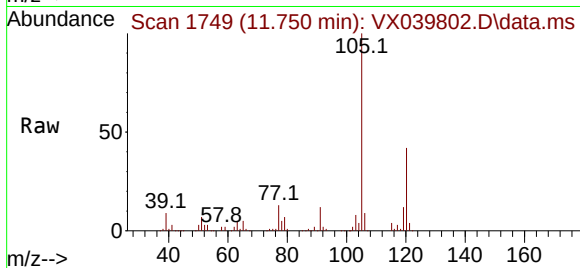
A2421DL

Tgt Ion:105 Resp: 115445

Ion Ratio Lower Upper

105 100

120 43.7 21.2 63.6



#95

Naphthalene

Concen: 4.408 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039802.D

Acq: 17 Jan 2024 15:08

Tgt Ion:128 Resp: 28243

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.7 8.8 13.2

