

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037442.D
 Acq On : 31 Aug 2023 19:56
 Operator : JC/MD
 Sample : 04201-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1717DL

Quant Time: Sep 01 03:16:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

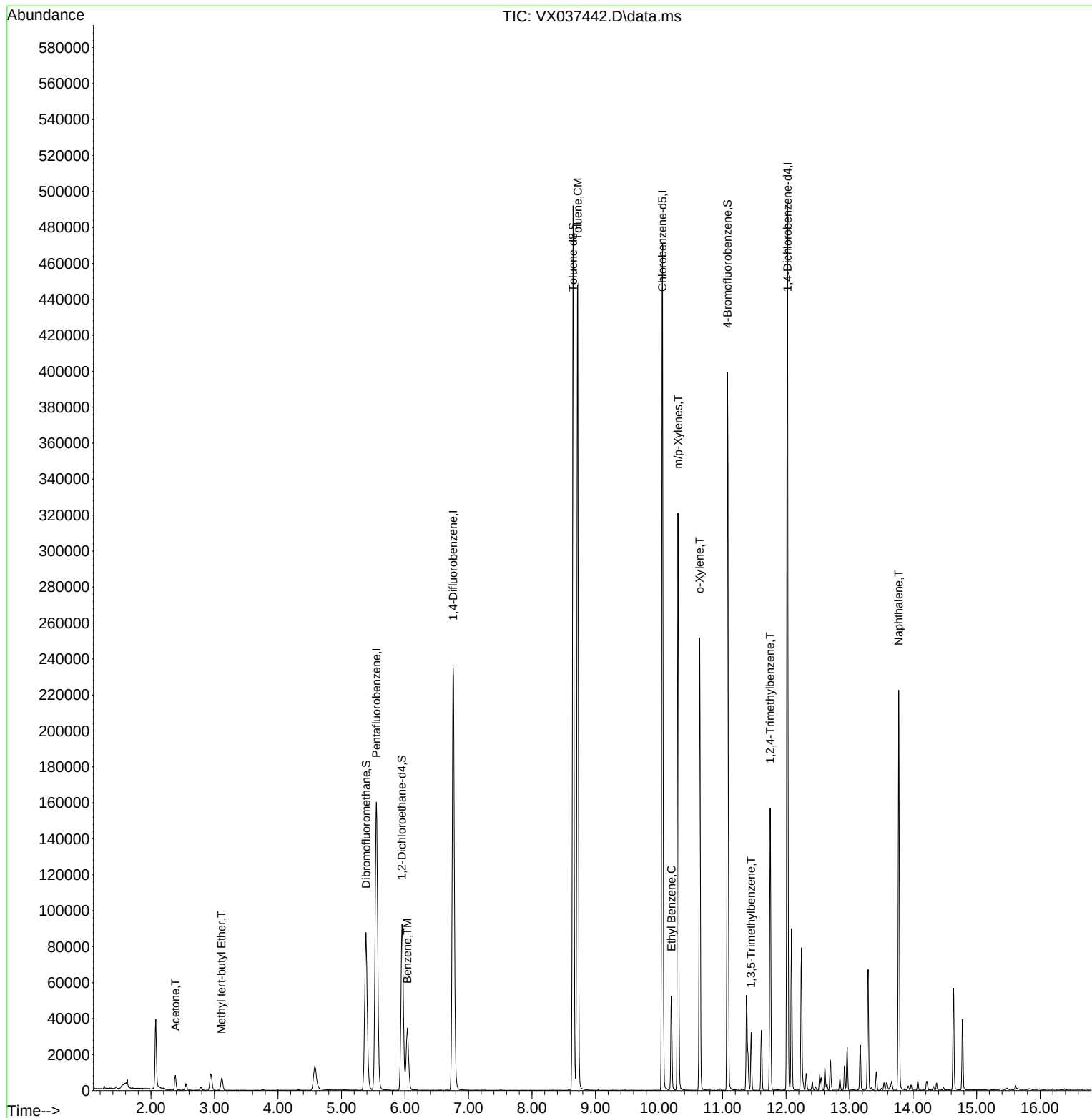
Internal Standards						
1) Pentafluorobenzene	5.550	168	152302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	253430	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92885	42.303	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.600%
35) Dibromofluoromethane	5.385	113	76706	45.702	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.400%
50) Toluene-d8	8.647	98	296291	48.666	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	112267	46.923	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.840%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	9295	10.821	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	8294	1.395	ug/l #	89
40) Benzene	6.038	78	43124	6.306	ug/l	99
52) Toluene	8.720	92	180794	40.011	ug/l	100
67) Ethyl Benzene	10.195	91	31758	3.768	ug/l	96
68) m/p-Xylenes	10.299	106	74268	22.815	ug/l	98
69) o-Xylene	10.640	106	54883	17.089	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	13733	2.108	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	71800	10.905	ug/l	97
95) Naphthalene	13.774	128	137695	15.363	ug/l	100

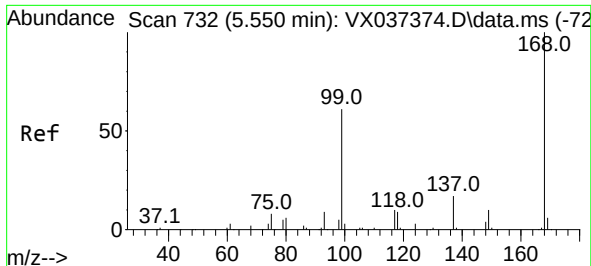
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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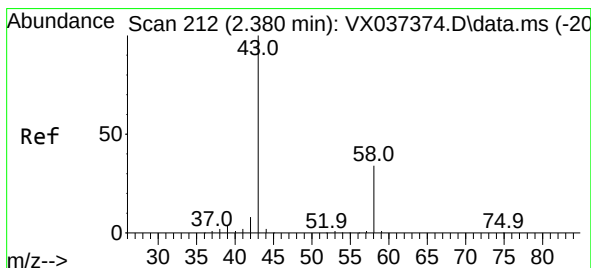
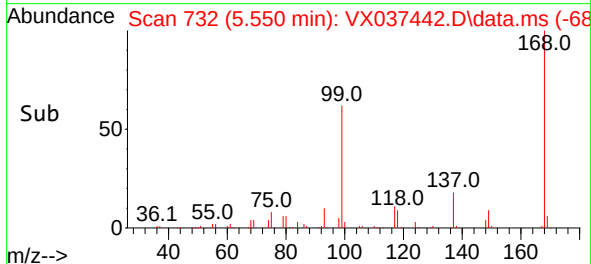
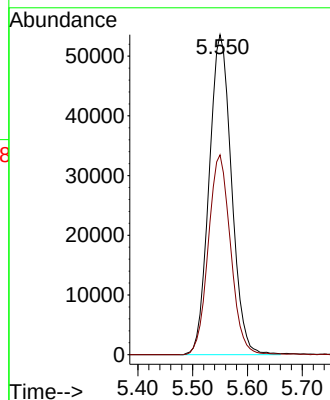
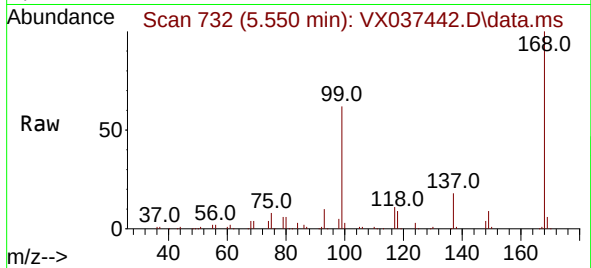




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

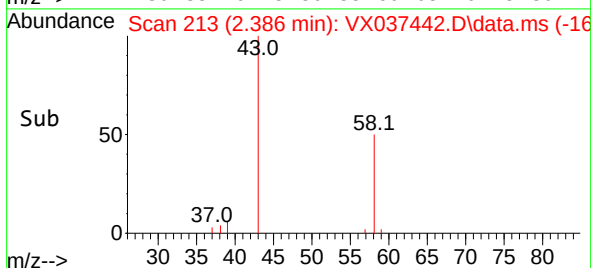
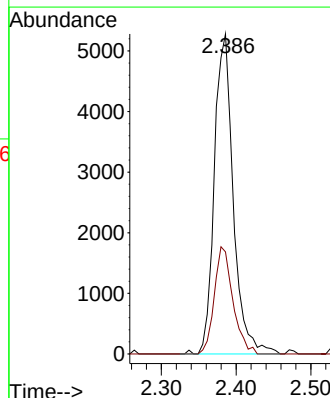
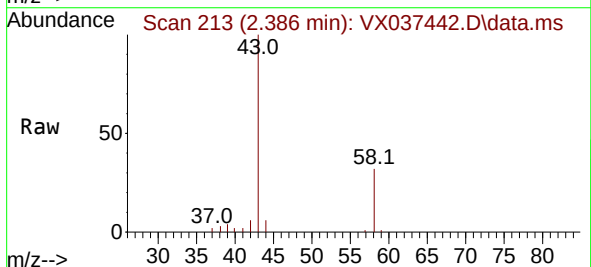
Instrument :
MSVOA_X
ClientSampleId :
1717DL

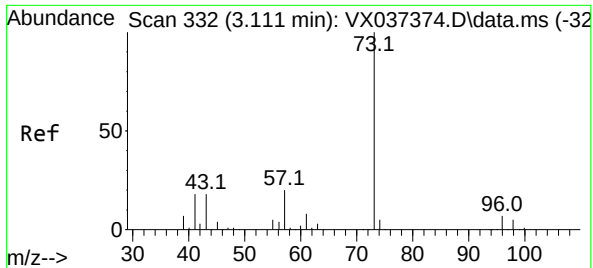
Tgt Ion:168 Resp: 152302
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#16
Acetone
Concen: 10.821 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

Tgt Ion: 43 Resp: 9295
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9

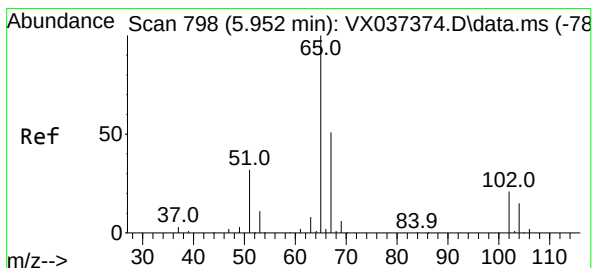
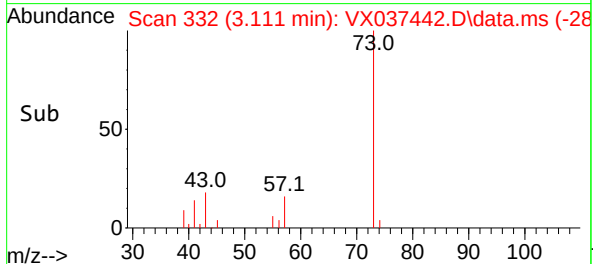
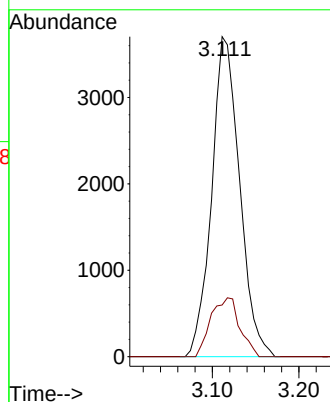
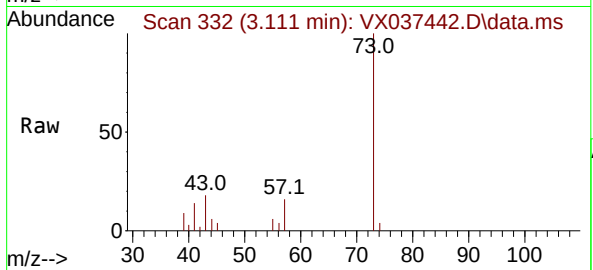




#19
Methyl tert-butyl Ether
Concen: 1.395 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

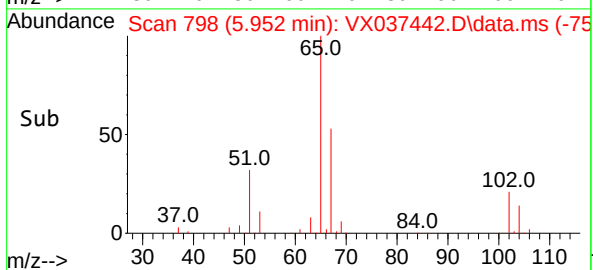
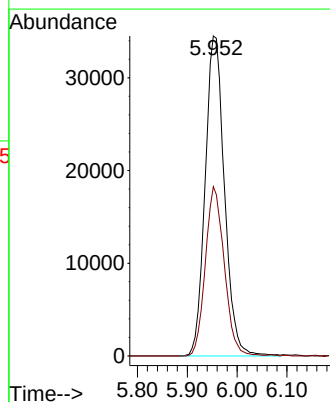
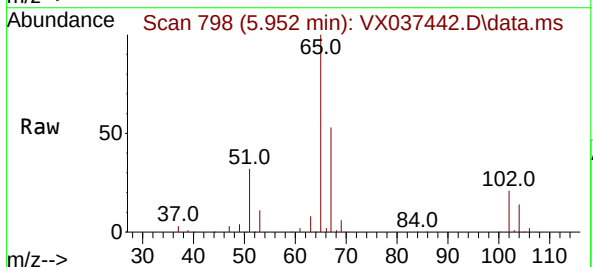
Instrument :
MSVOA_X
ClientSampleId :
1717DL

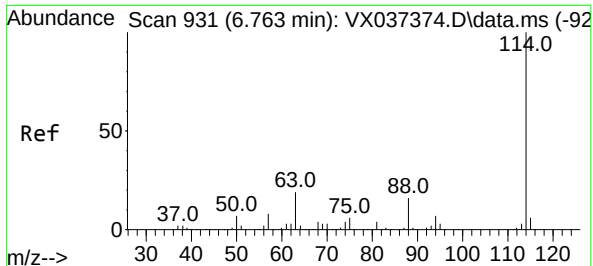
Tgt Ion: 73 Resp: 8294
Ion Ratio Lower Upper
73 100
57 16.2 17.3 25.9#



#33
1,2-Dichloroethane-d4
Concen: 42.303 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

Tgt Ion: 65 Resp: 92885
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

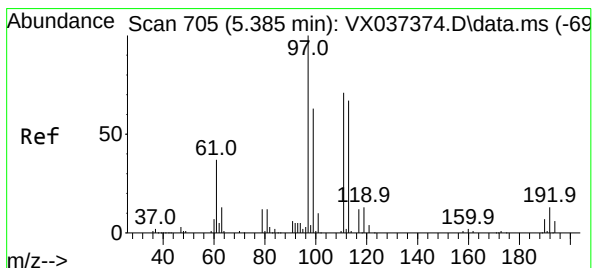
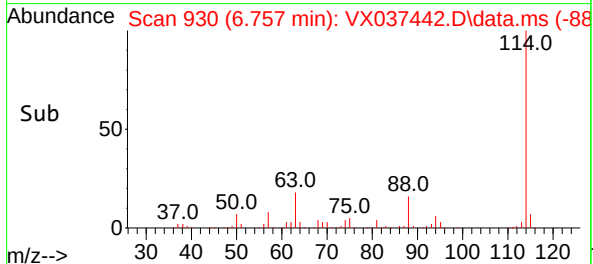
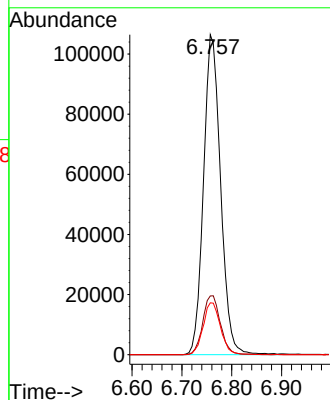
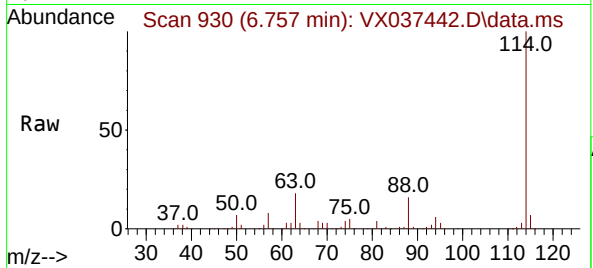




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

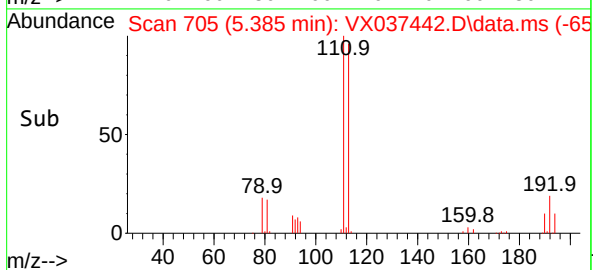
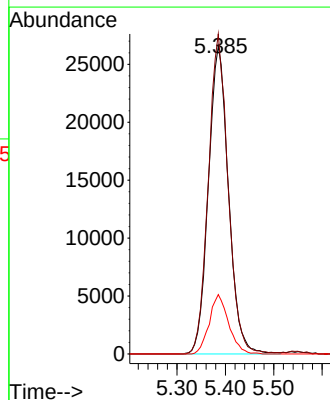
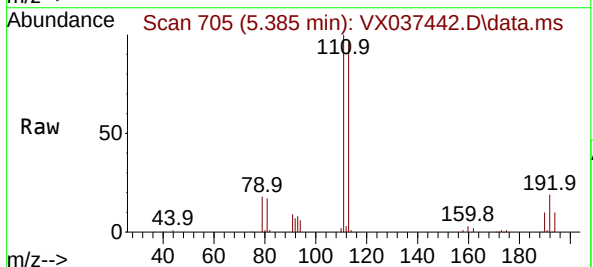
Instrument :
MSVOA_X
ClientSampleId :
1717DL

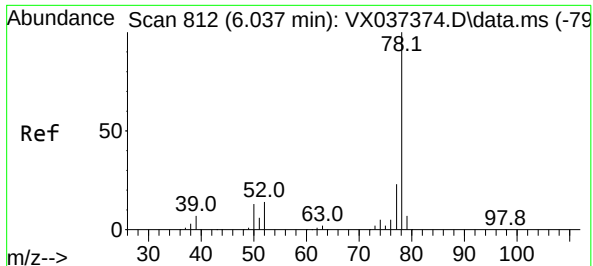
Tgt Ion:114 Resp: 253430
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.702 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

Tgt Ion:113 Resp: 76706
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.6 13.3 19.9





#40

Benzene

Concen: 6.306 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037442.D

Acq: 31 Aug 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

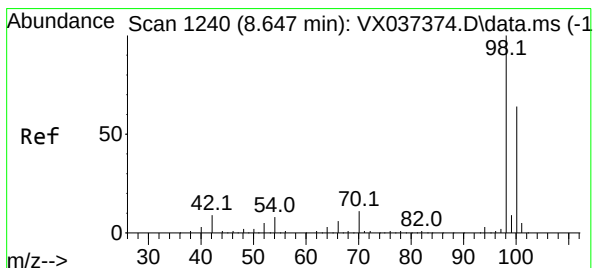
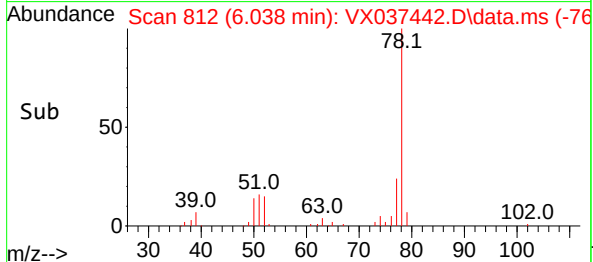
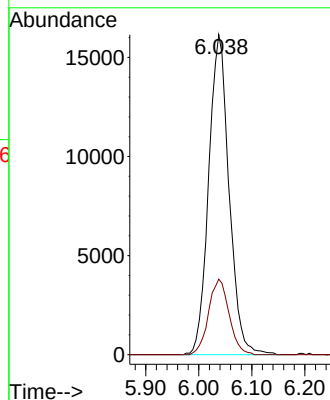
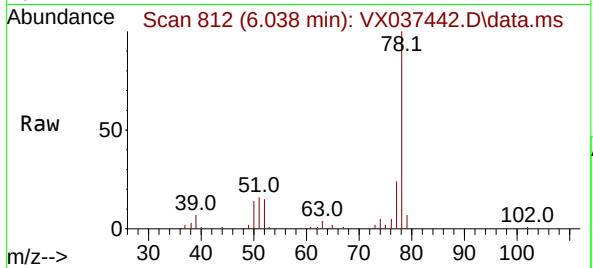
1717DL

Tgt Ion: 78 Resp: 43124

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9



#50

Toluene-d8

Concen: 48.666 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037442.D

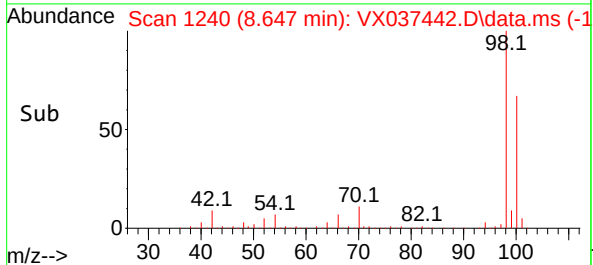
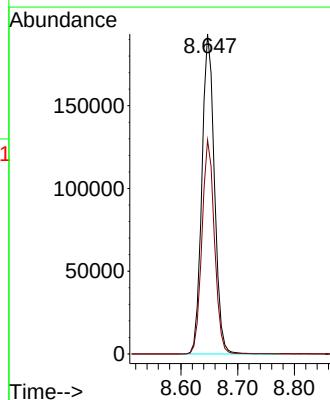
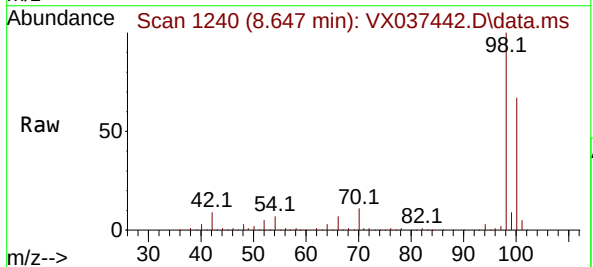
Acq: 31 Aug 2023 19:56

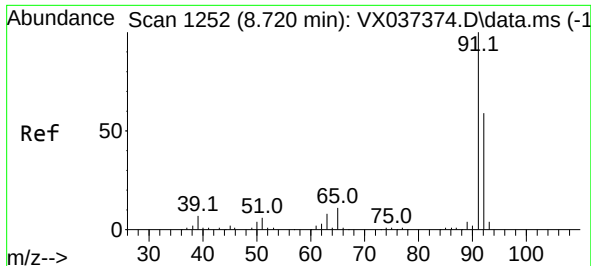
Tgt Ion: 98 Resp: 296291

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7

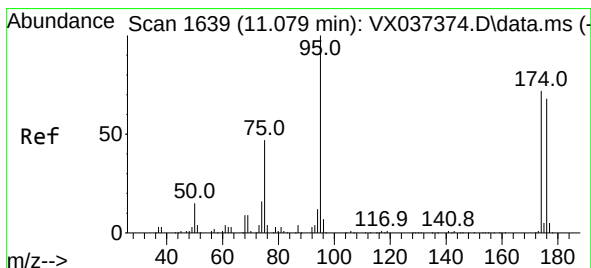
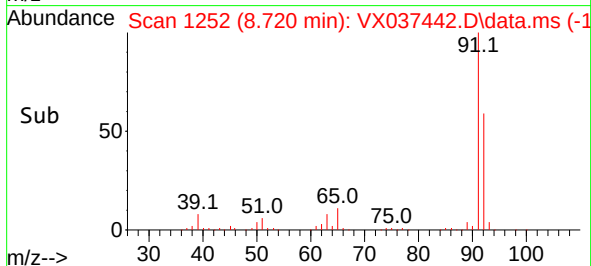
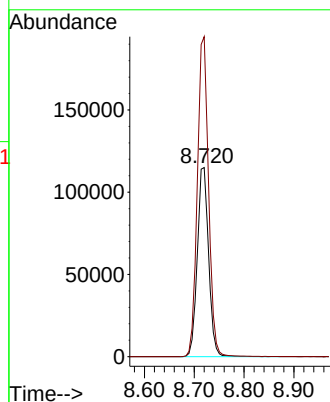
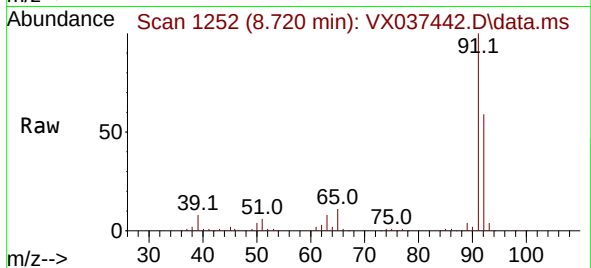




#52
Toluene
Concen: 40.011 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

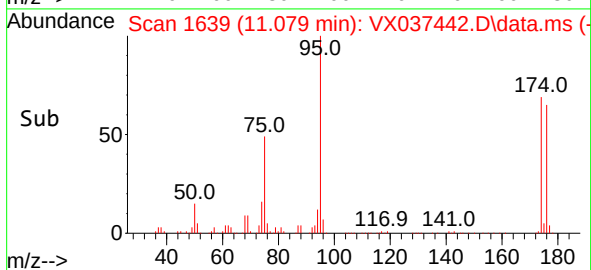
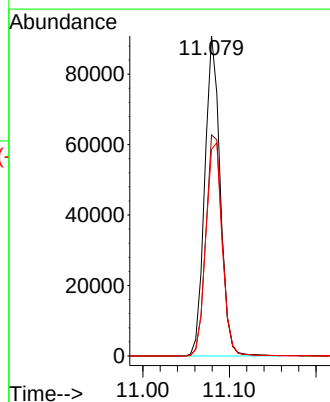
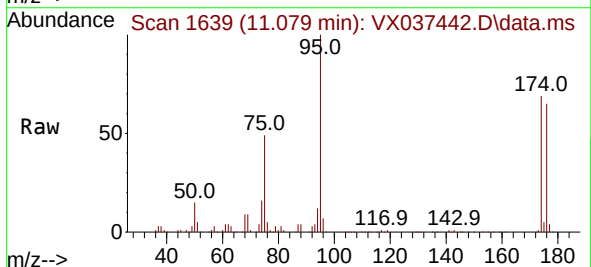
Instrument :
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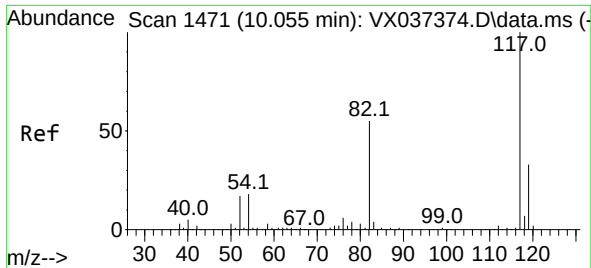
Tgt Ion: 92 Resp: 180794
Ion Ratio Lower Upper
92 100
91 168.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 46.923 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

Tgt Ion: 95 Resp: 112267
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 70.9 0.0 131.0

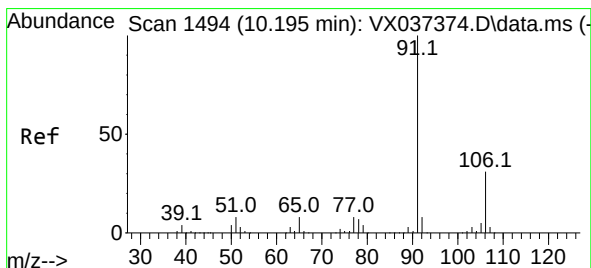
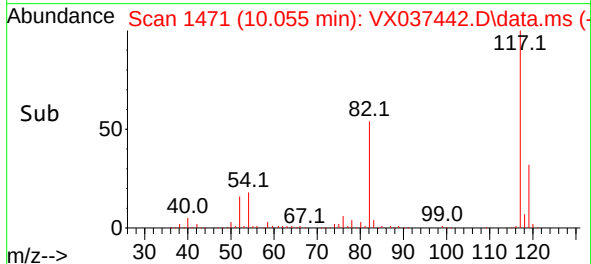
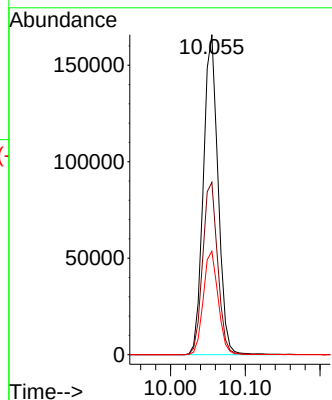
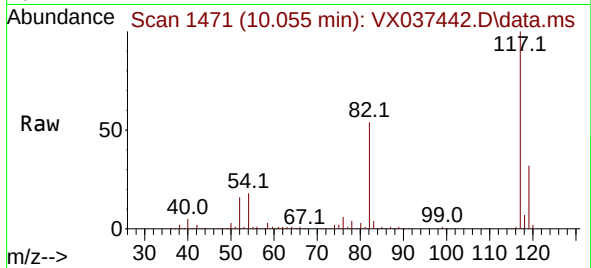




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

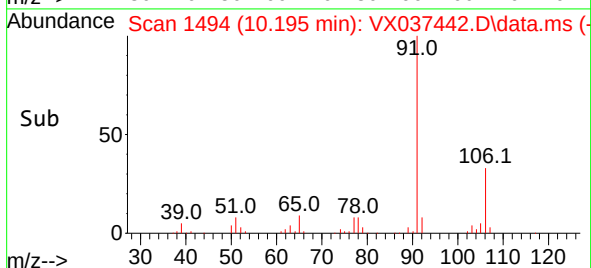
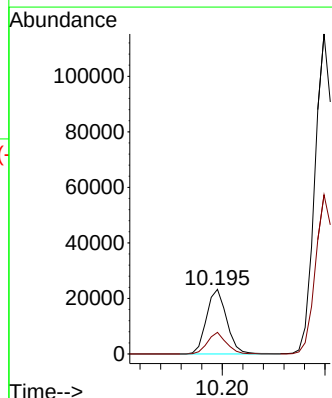
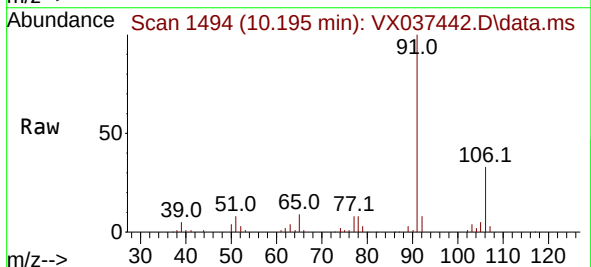
Instrument :
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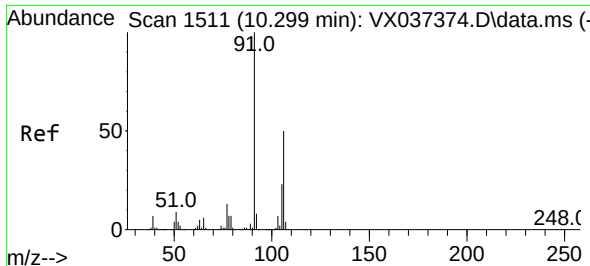
Tgt Ion:117 Resp: 226658
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.3 25.5 38.3



#67
Ethyl Benzene
Concen: 3.768 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

Tgt Ion: 91 Resp: 31758
Ion Ratio Lower Upper
91 100
106 33.5 24.9 37.3

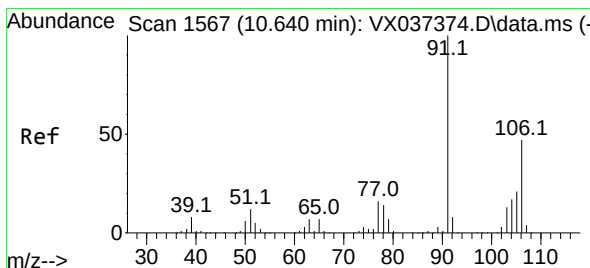
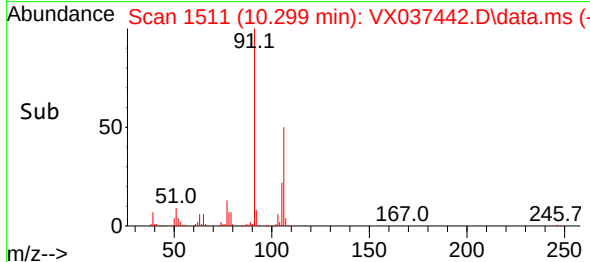
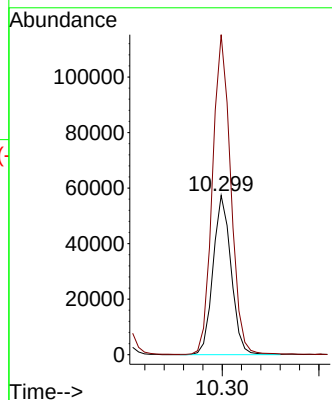
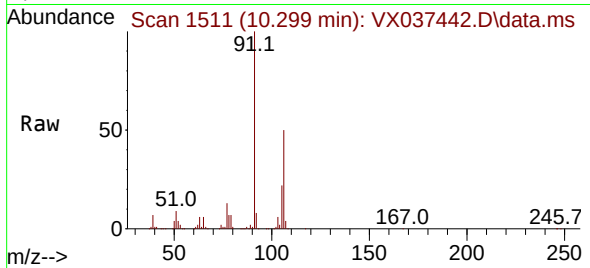




#68
m/p-Xylenes
Concen: 22.815 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

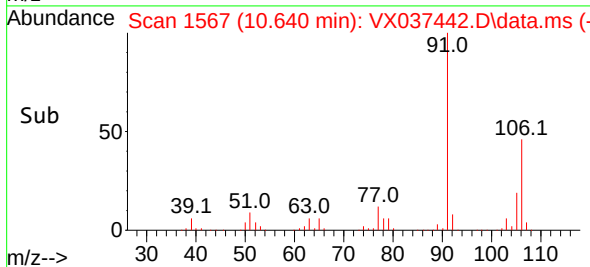
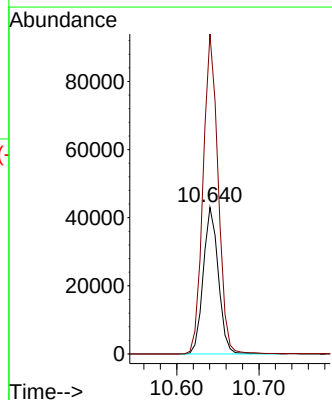
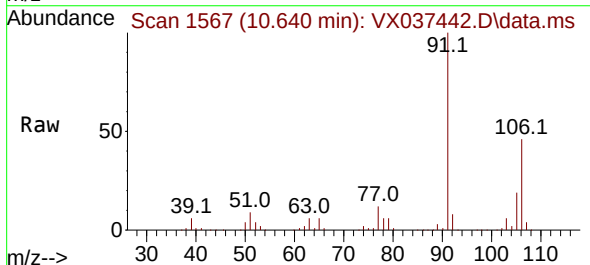
Instrument :
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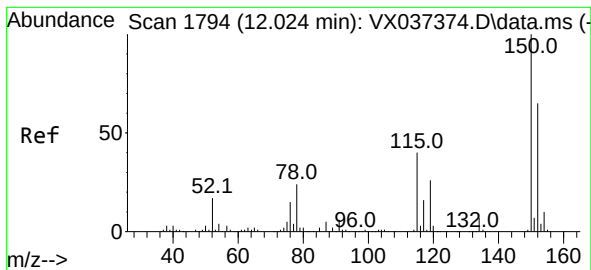
Tgt Ion:106 Resp: 74268
Ion Ratio Lower Upper
106 100
91 204.2 165.5 248.3



#69
o-Xylene
Concen: 17.089 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037442.D
Acq: 31 Aug 2023 19:56

Tgt Ion:106 Resp: 54883
Ion Ratio Lower Upper
106 100
91 217.6 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037442.D

Acq: 31 Aug 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

1717DL

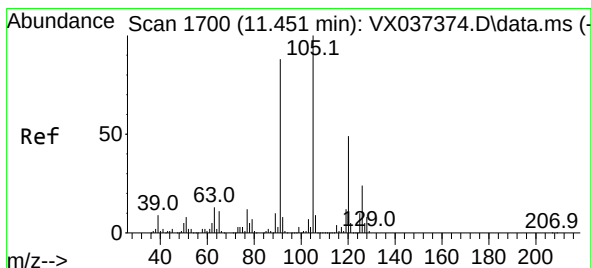
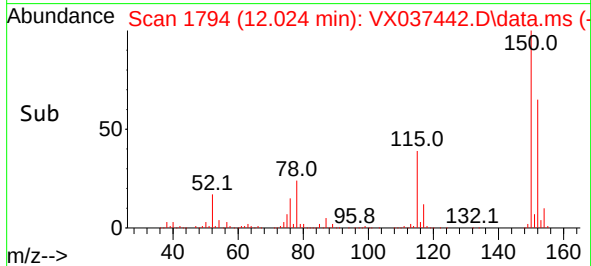
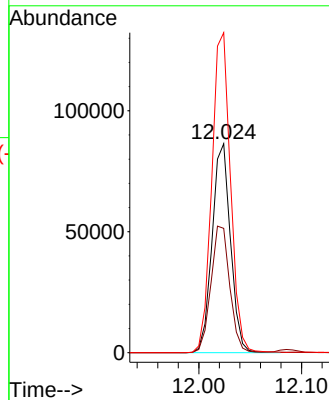
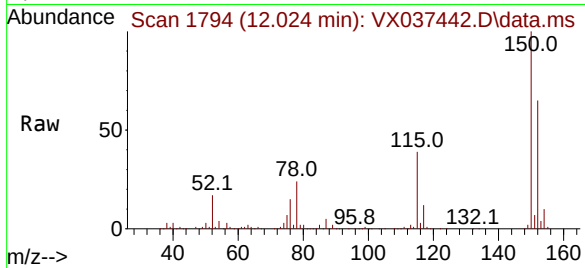
Tgt Ion:152 Resp: 107448

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 155.8 0.0 345.0



#80

1,3,5-Trimethylbenzene

Concen: 2.108 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037442.D

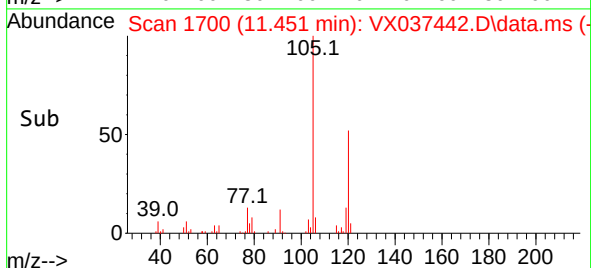
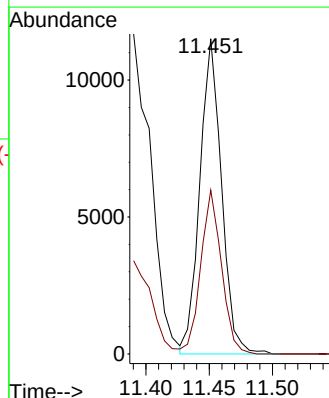
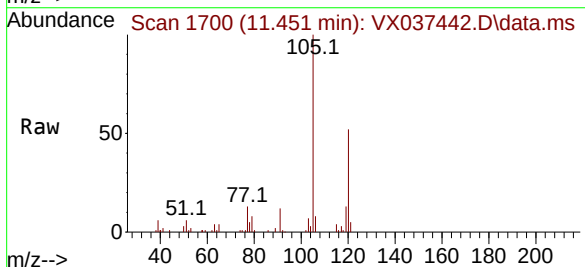
Acq: 31 Aug 2023 19:56

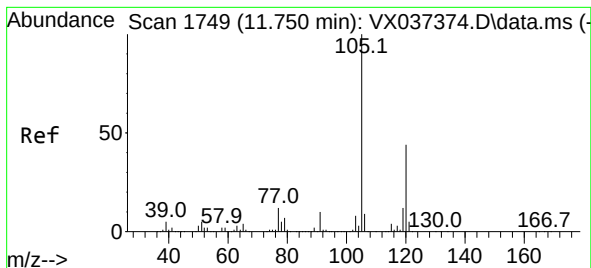
Tgt Ion:105 Resp: 13733

Ion Ratio Lower Upper

105 100

120 49.7 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 10.905 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037442.D

Acq: 31 Aug 2023 19:56

Instrument :

MSVOA_X

ClientSampleId :

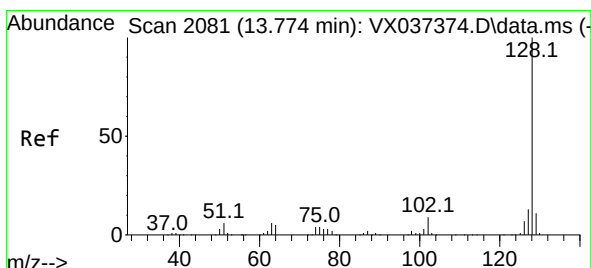
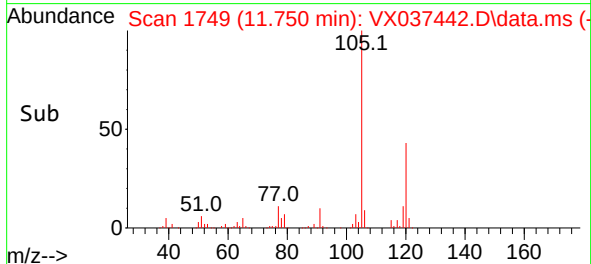
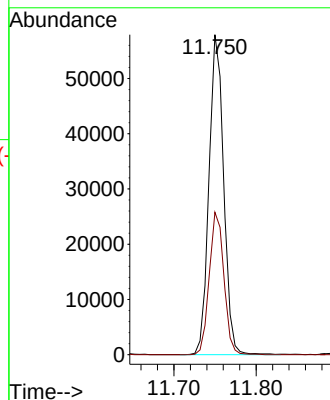
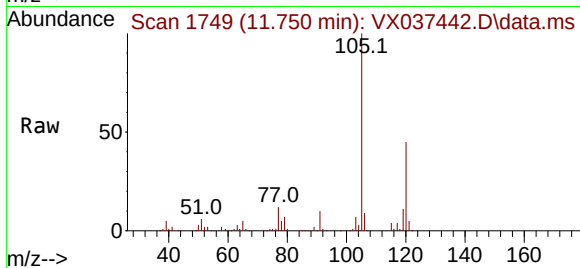
1717DL

Tgt Ion:105 Resp: 71800

Ion Ratio Lower Upper

105 100

120 44.5 21.2 63.6



#95

Naphthalene

Concen: 15.363 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037442.D

Acq: 31 Aug 2023 19:56

Tgt Ion:128 Resp: 137695

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.9 8.8 13.2

