

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040237.D
 Acq On : 14 Feb 2024 21:39
 Operator : JC/MD
 Sample : P1424-03 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1288

Quant Time: Feb 15 00:10:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

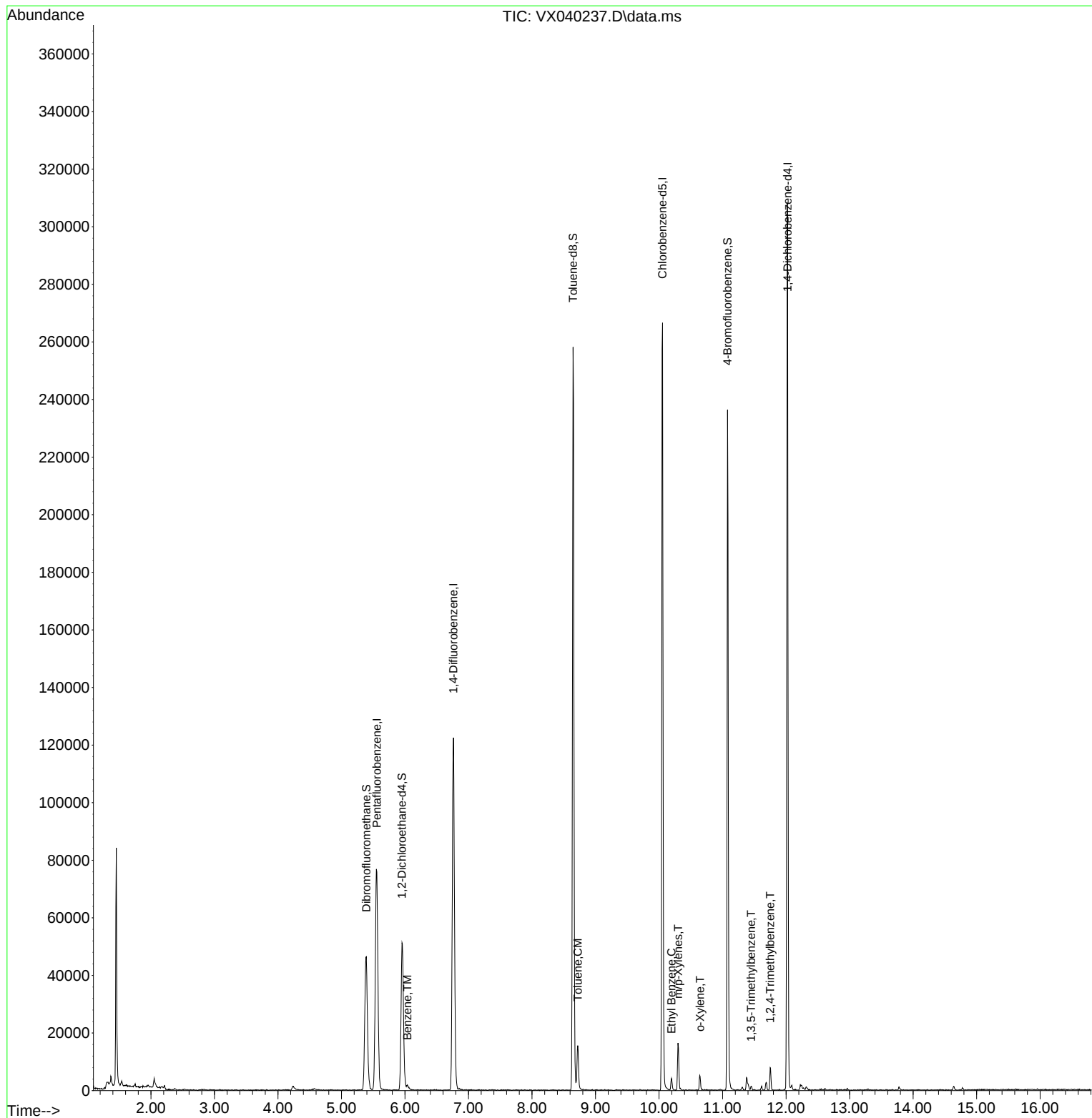
Internal Standards						
1) Pentafluorobenzene	5.556	168	73789	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	126456	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64523	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49547	45.135	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.260%
35) Dibromofluoromethane	5.391	113	40857	46.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.647	98	153307	46.409	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.820%
62) 4-Bromofluorobenzene	11.079	95	61745	45.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.660%
Target Compounds						
					Qvalue	
40) Benzene	6.037	78	1722	0.498	ug/l	96
52) Toluene	8.720	92	6008	2.651	ug/l	96
67) Ethyl Benzene	10.195	91	2878	0.633	ug/l	97
68) m/p-Xylenes	10.299	106	4107	2.392	ug/l	98
69) o-Xylene	10.646	106	1223	0.733	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	870	0.227	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	3744	0.967	ug/l	96

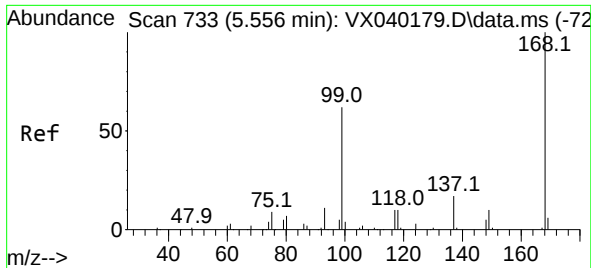
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1288

Quant Time: Feb 15 00:10:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

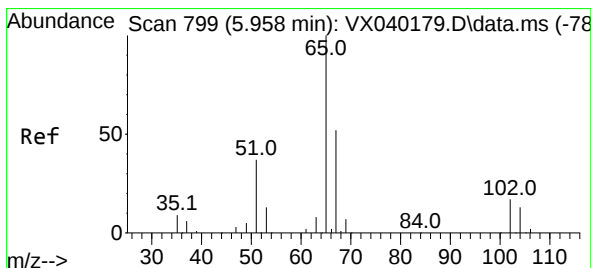
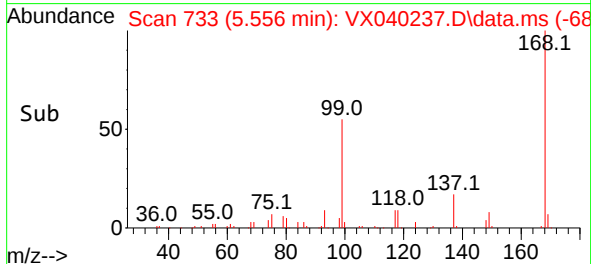
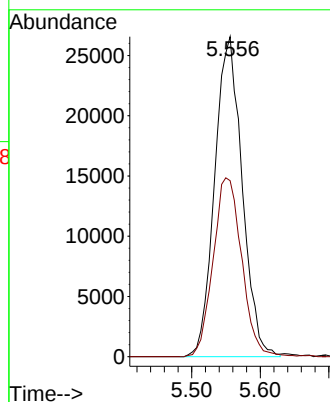
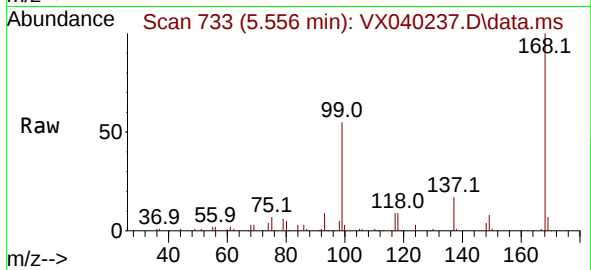




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.006 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

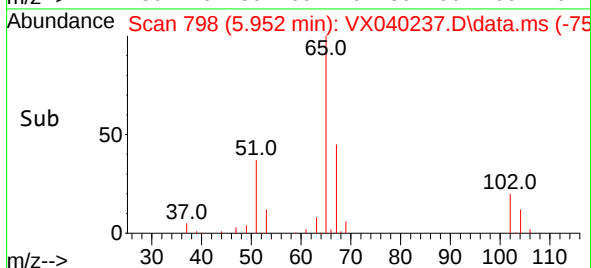
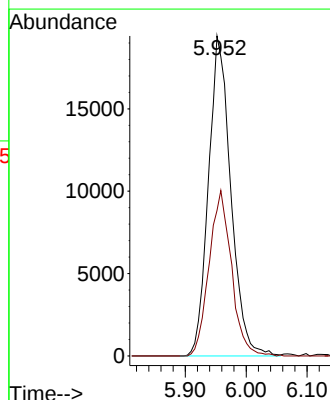
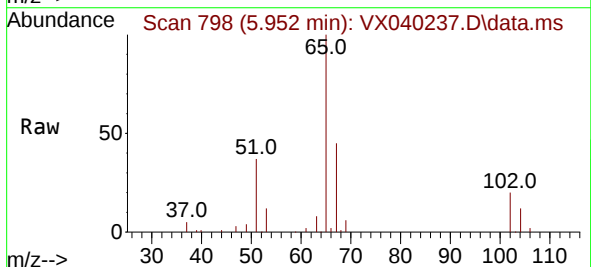
Instrument :
MSVOA_X
ClientSampleId :
1288

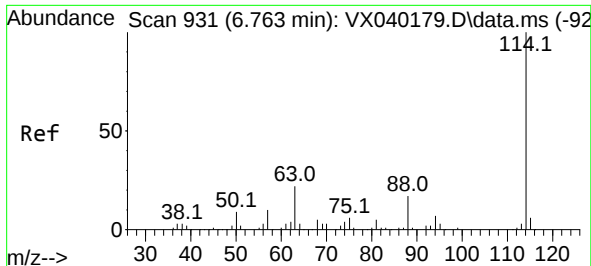
Tgt Ion:168 Resp: 73789
Ion Ratio Lower Upper
168 100
99 55.0 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 45.135 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion: 65 Resp: 49547
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

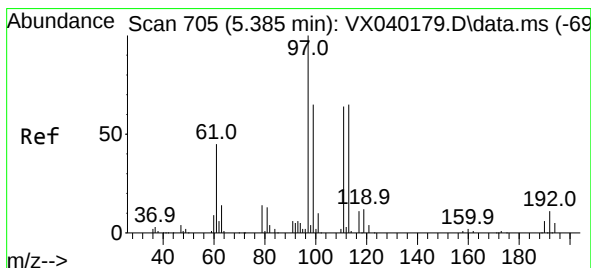
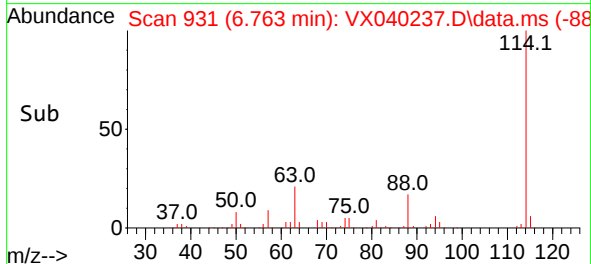
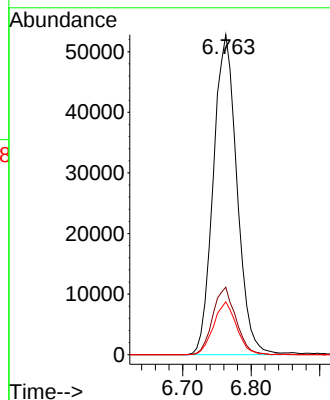
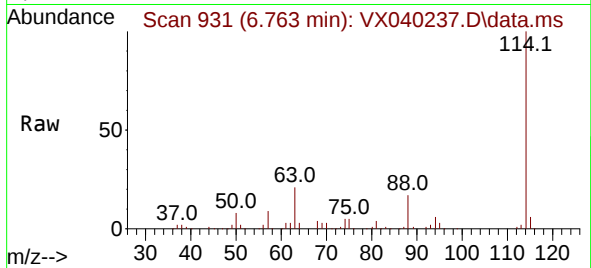




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

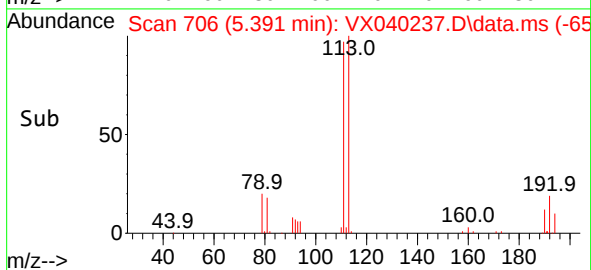
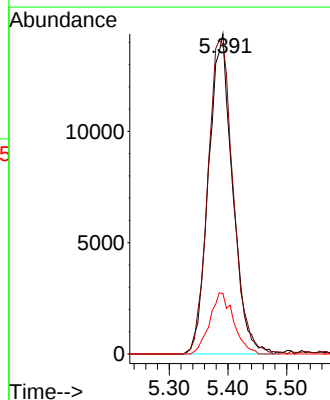
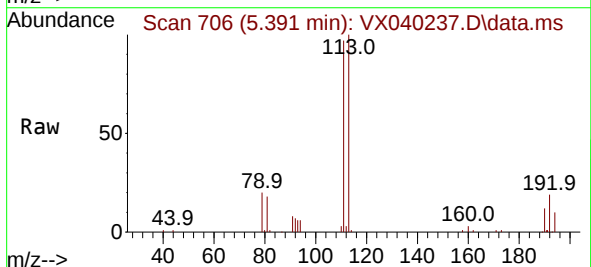
Instrument :
MSVOA_X
ClientSampleId :
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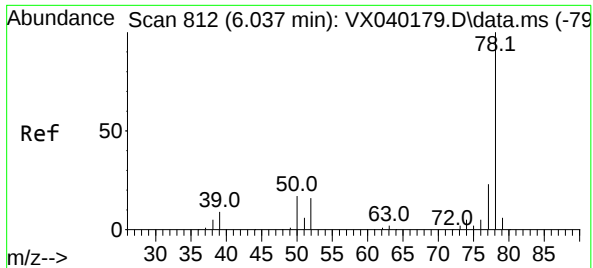
Tgt Ion:114 Resp: 126456
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.265 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion:113 Resp: 40857
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 19.0 13.3 19.9

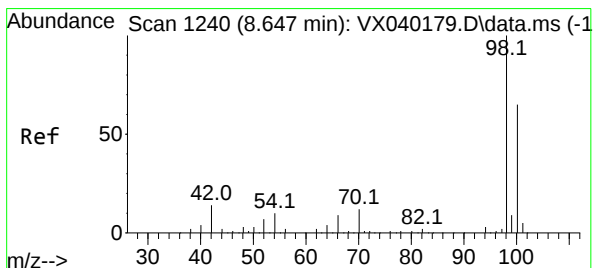
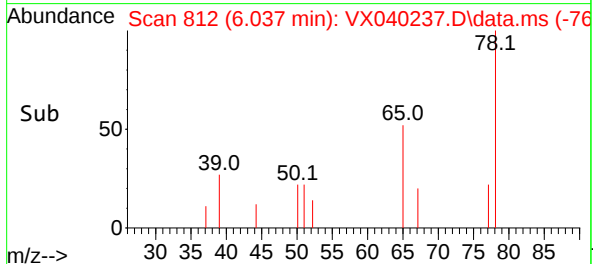
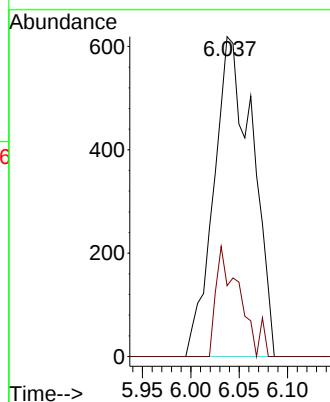
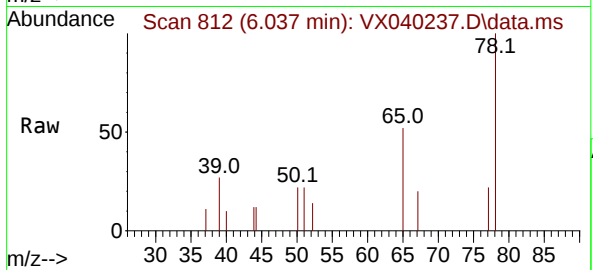




#40
Benzene
Concen: 0.498 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

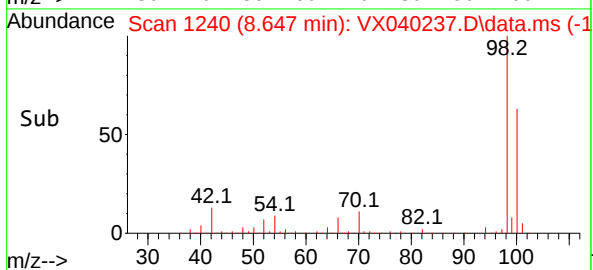
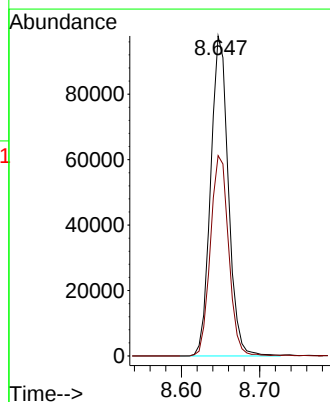
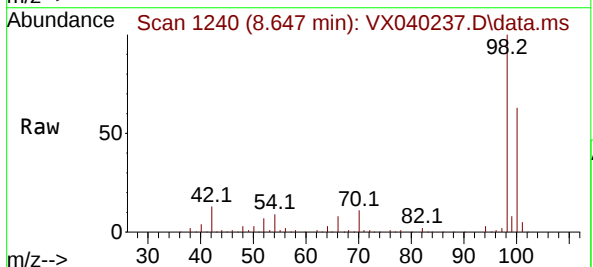
Instrument :
MSVOA_X
ClientSampleId :
1288

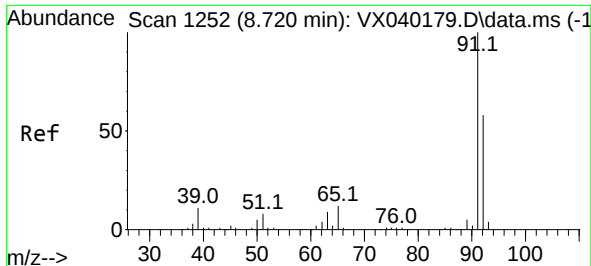
Tgt Ion: 78 Resp: 1722
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9



#50
Toluene-d8
Concen: 46.409 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion: 98 Resp: 153307
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

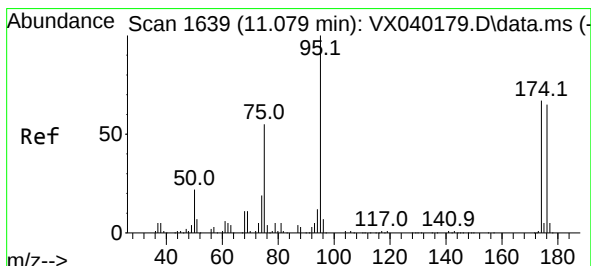
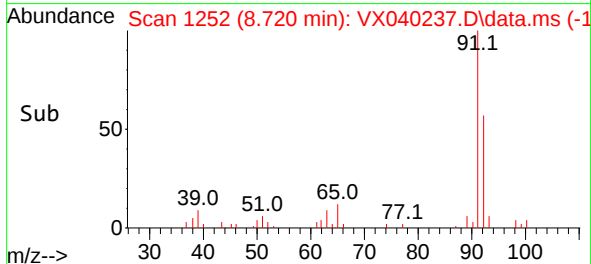
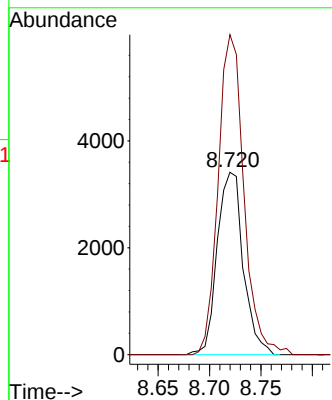
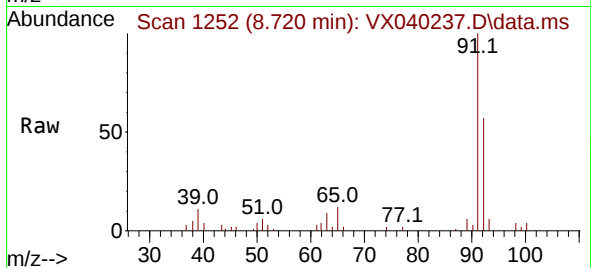




#52
Toluene
Concen: 2.651 ug/l
RT: 8.720 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

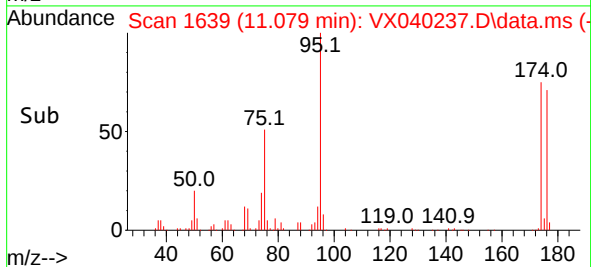
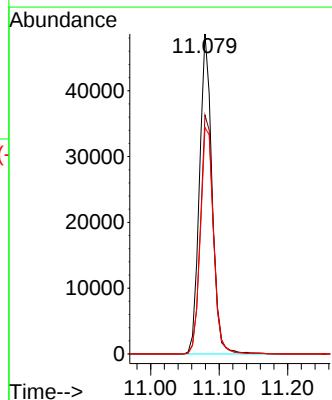
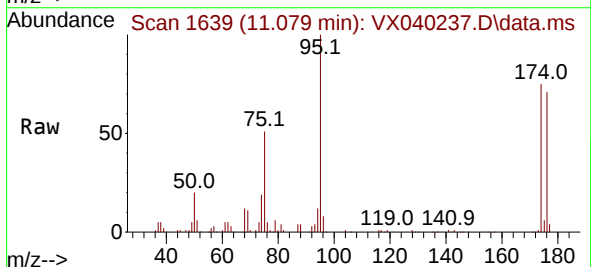
Instrument :
MSVOA_X
ClientSampleId :
1288

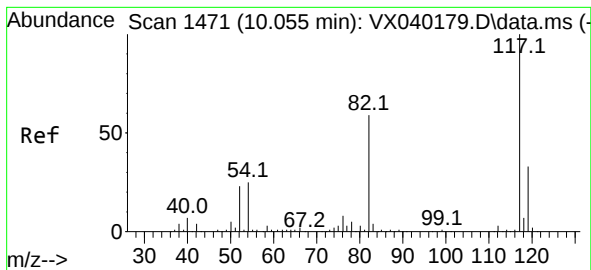
Tgt Ion: 92 Resp: 6008
Ion Ratio Lower Upper
92 100
91 172.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 45.830 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion: 95 Resp: 61745
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 74.5 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: VX040237.D

Acq: 14 Feb 2024 21:39

Instrument :

MSVOA_X

ClientSampleId :

1288

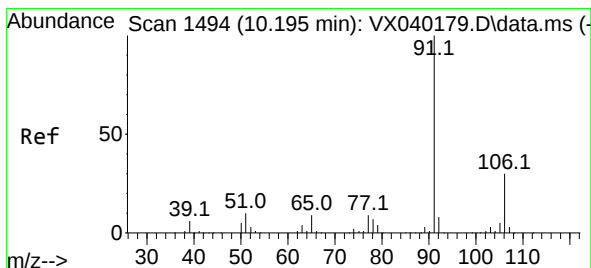
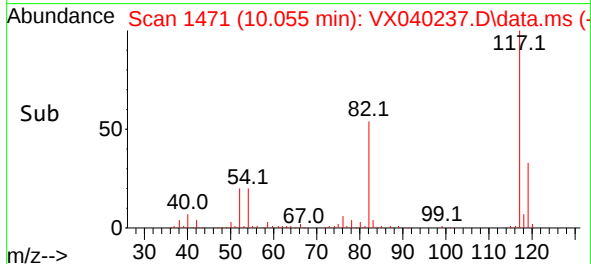
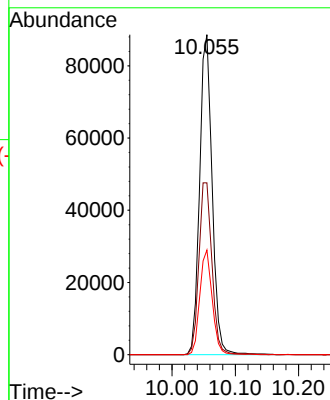
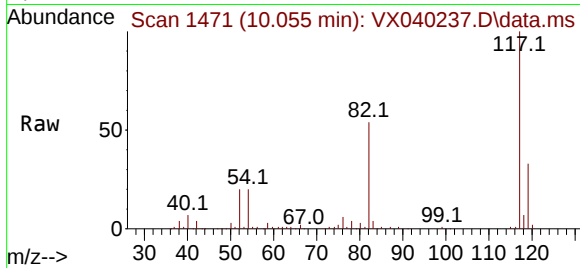
Tgt Ion:117 Resp: 122306

Ion Ratio Lower Upper

117 100

82 53.7 46.2 69.4

119 32.7 25.5 38.3



#67

Ethyl Benzene

Concen: 0.633 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040237.D

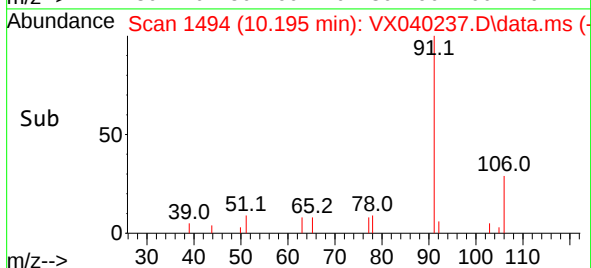
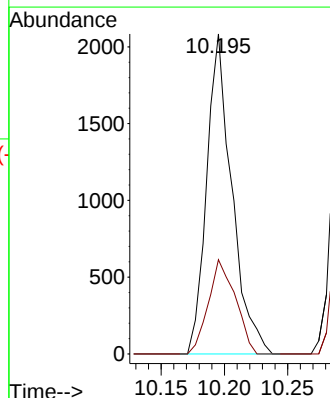
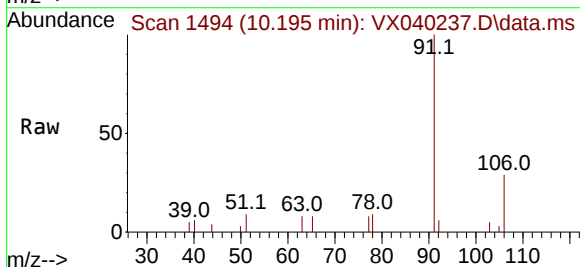
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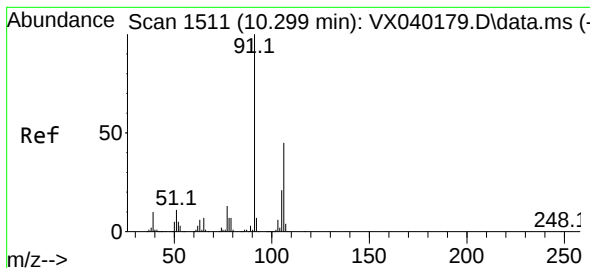
Tgt Ion: 91 Resp: 2878

Ion Ratio Lower Upper

91 100

106 29.4 24.9 37.3

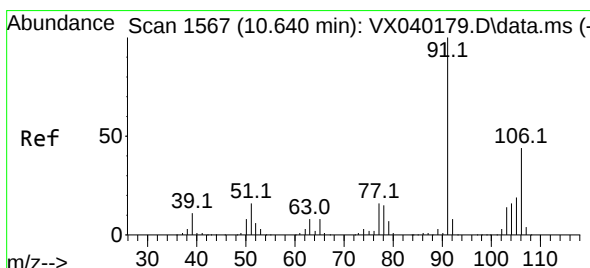
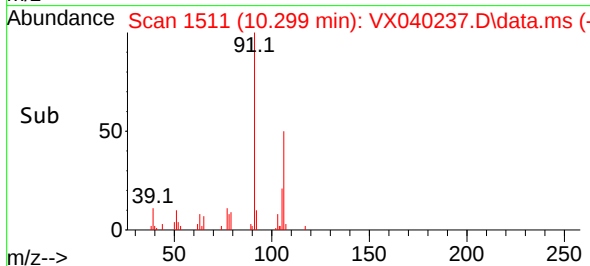
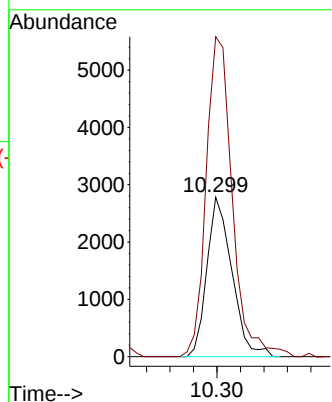
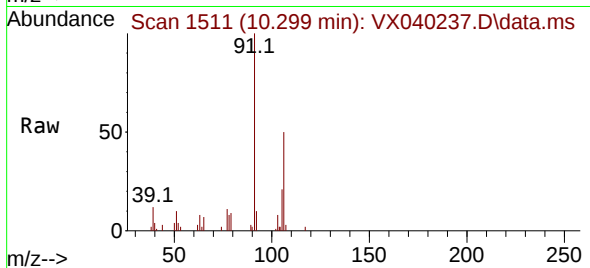




#68
m/p-Xylenes
Concen: 2.392 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

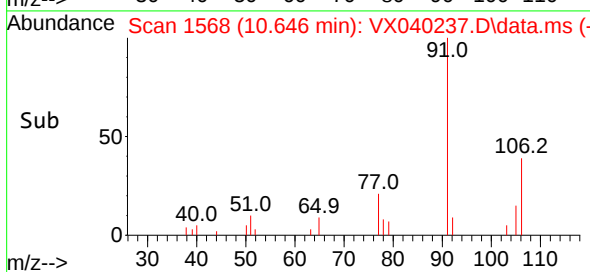
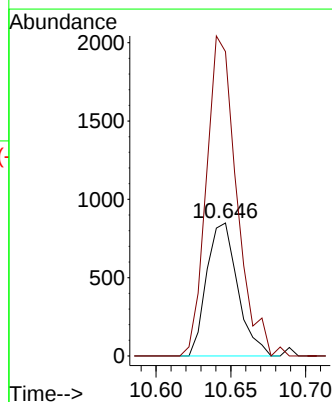
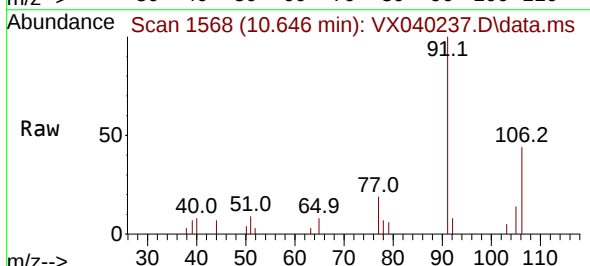
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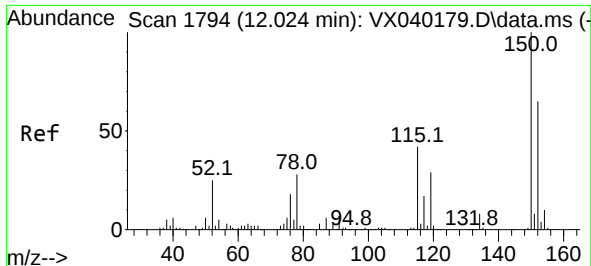
Tgt Ion:106 Resp: 4107
Ion Ratio Lower Upper
106 100
91 210.1 165.5 248.3



#69
o-Xylene
Concen: 0.733 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX040237.D
Acq: 14 Feb 2024 21:39

Tgt Ion:106 Resp: 1223
Ion Ratio Lower Upper
106 100
91 236.2 108.9 326.8

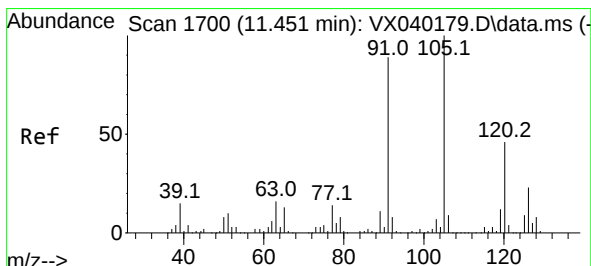
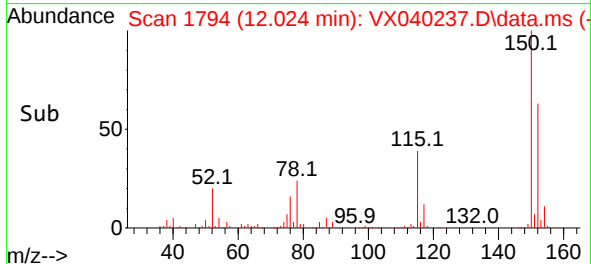
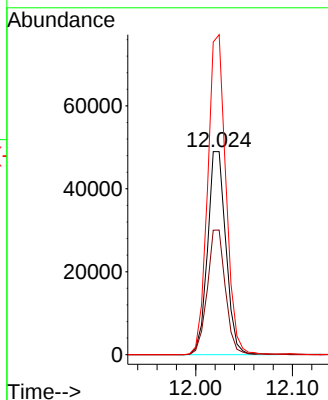
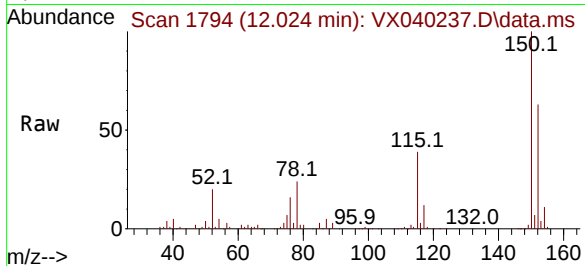




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040237.D
 Acq: 14 Feb 2024 21:39

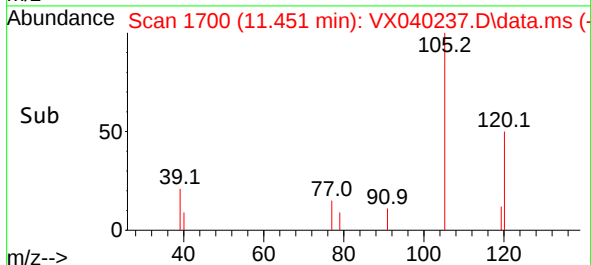
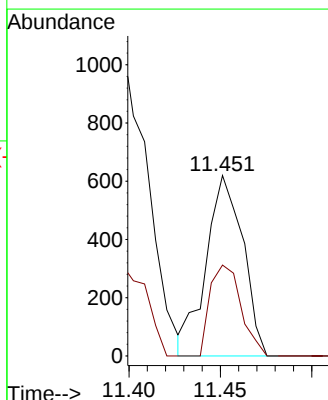
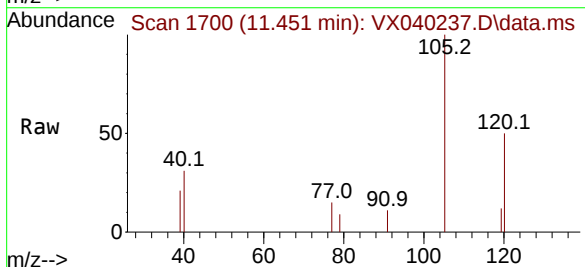
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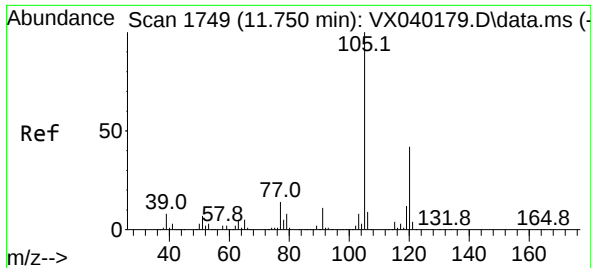
Tgt Ion:152 Resp: 64523
 Ion Ratio Lower Upper
 152 100
 115 60.9 43.3 129.9
 150 157.0 0.0 345.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.227 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX040237.D
 Acq: 14 Feb 2024 21:39

Tgt Ion:105 Resp: 870
 Ion Ratio Lower Upper
 105 100
 120 42.4 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 0.967 ug/l

RT: 11.750 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040237.D

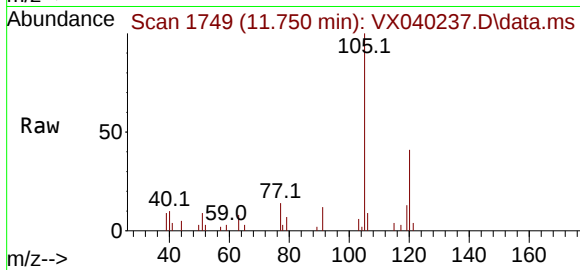
Acq: 14 Feb 2024 21:39

Instrument :

MSVOA_X

ClientSampleId :

1288



Tgt Ion:105 Resp: 3744

Ion Ratio Lower Upper

105 100

120 45.1 21.2 63.6

