

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020923\
 Data File : VX034069.D
 Acq On : 07 Feb 2023 18:24
 Operator : JC/MD
 Sample : 01467-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33906

Quant Time: Feb 08 00:06:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

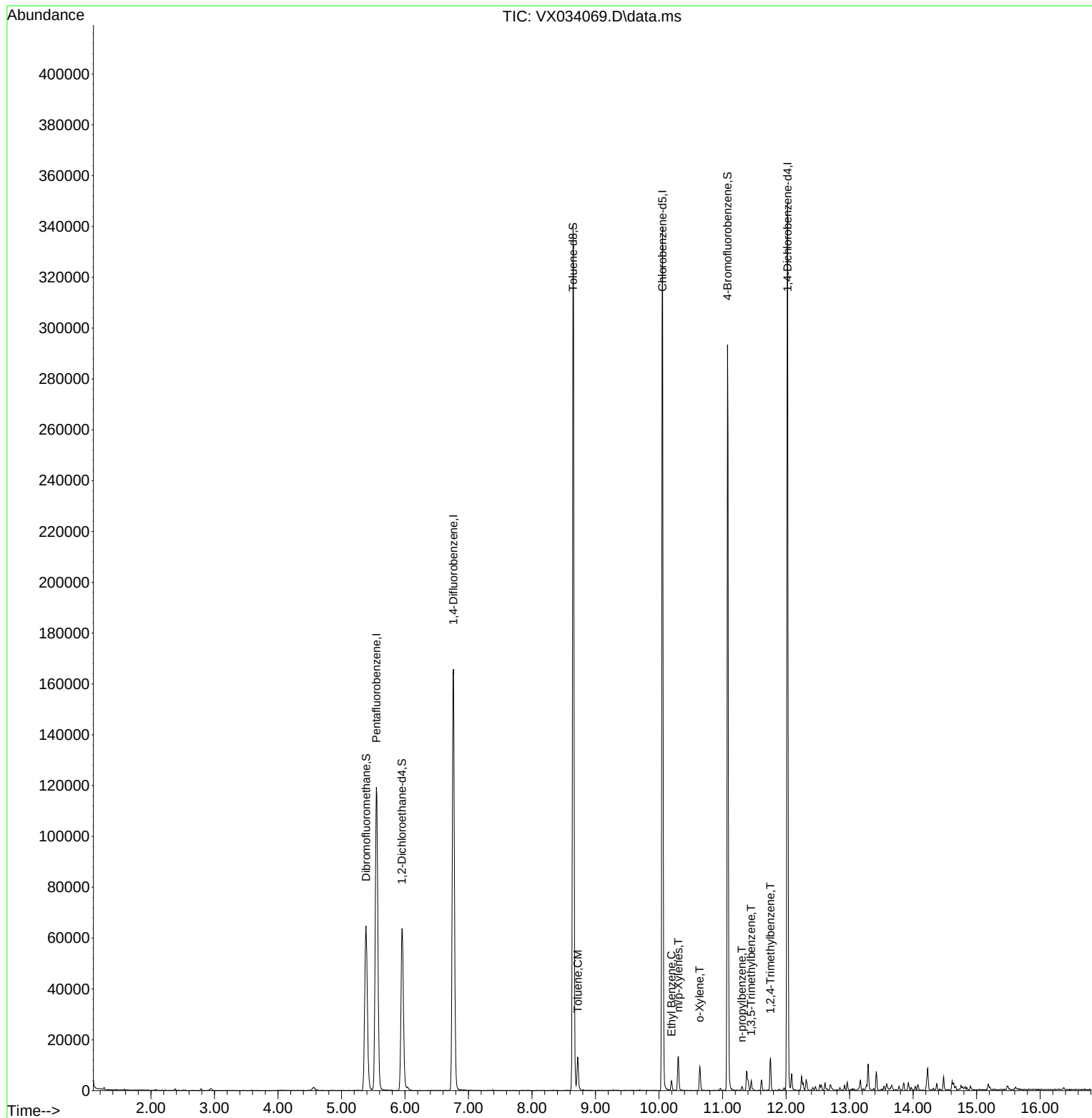
Internal Standards						
1) Pentafluorobenzene	5.550	168	131882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182272	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63790	50.173	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.340%		
35) Dibromofluoromethane	5.385	113	57026	49.159	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.320%		
50) Toluene-d8	8.647	98	208209	49.816	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 99.640%		
62) 4-Bromofluorobenzene	11.079	95	74357	49.813	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.620%		
Target Compounds						
					Qvalue	
52) Toluene	8.720	92	5206	1.746	ug/l	100
67) Ethyl Benzene	10.195	91	2610	0.456	ug/l	92
68) m/p-Xylenes	10.305	106	3493	1.528	ug/l	93
69) o-Xylene	10.640	106	2403	1.095	ug/l	97
78) n-propylbenzene	11.305	91	1242	0.205	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	1908	0.418	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	6089	1.336	ug/l	96

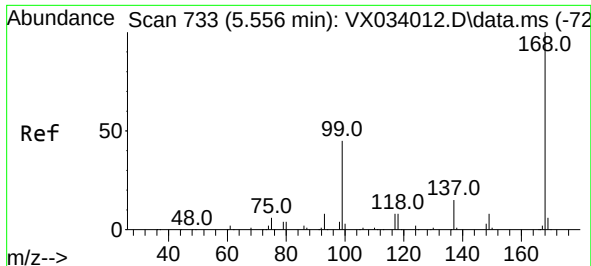
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
33906

Quant Time: Feb 08 00:06:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 03 23:25:45 2023
Response via : Initial Calibration

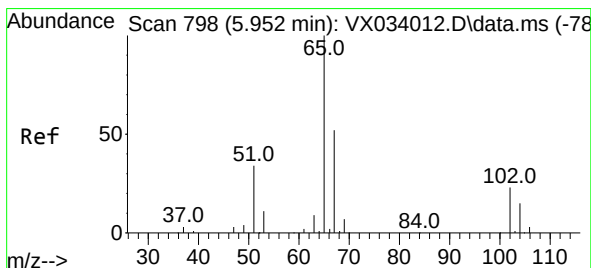
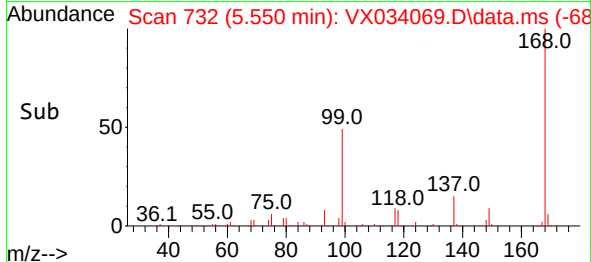
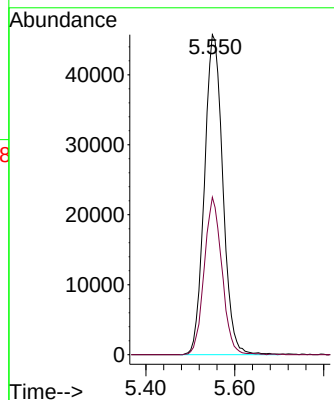
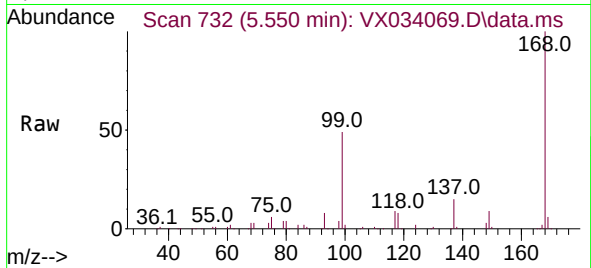




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

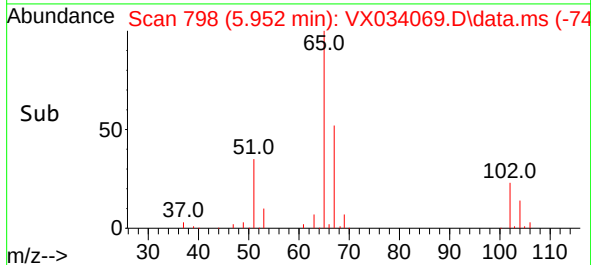
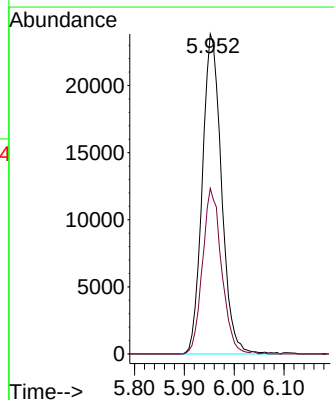
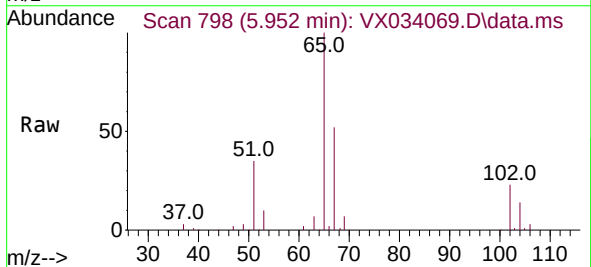
Instrument :
MSVOA_X
ClientSampleId :
33906

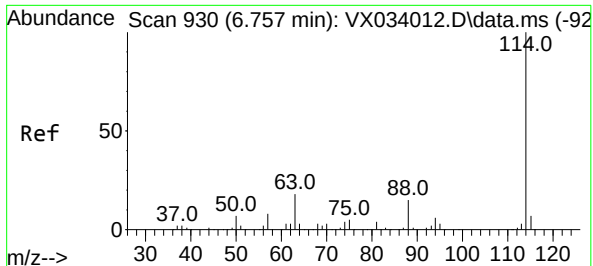
Tgt Ion:168 Resp: 131882
Ion Ratio Lower Upper
168 100
99 49.2 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 50.173 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

Tgt Ion: 65 Resp: 63790
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034069.D

Acq: 07 Feb 2023 18:24

Instrument :

MSVOA_X

ClientSampleId :

33906

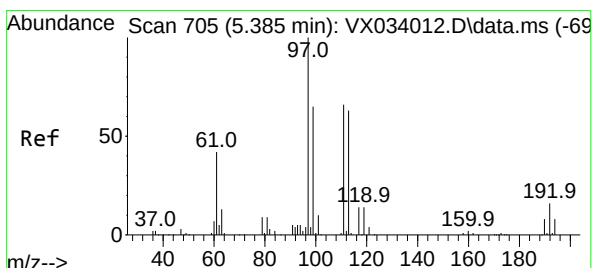
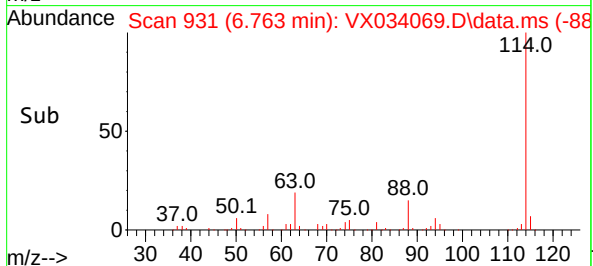
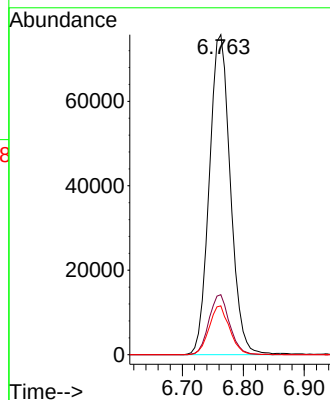
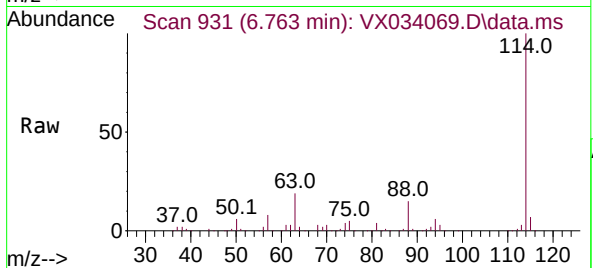
Tgt Ion:114 Resp: 182272

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.159 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034069.D

Acq: 07 Feb 2023 18:24

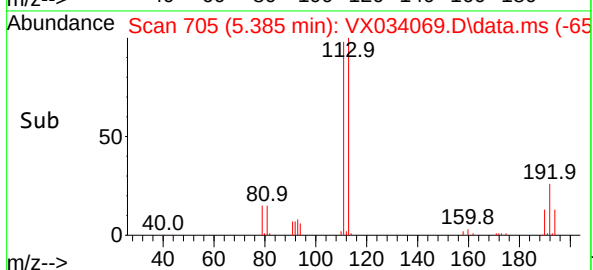
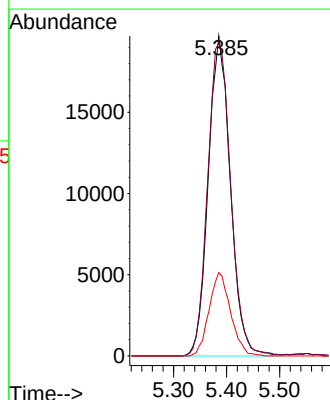
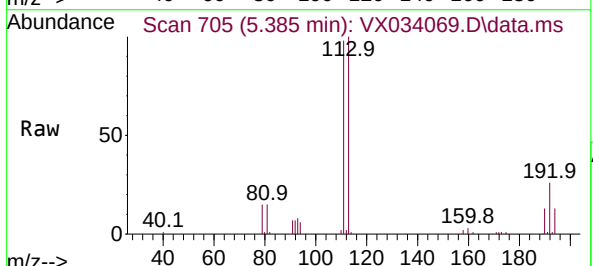
Tgt Ion:113 Resp: 57026

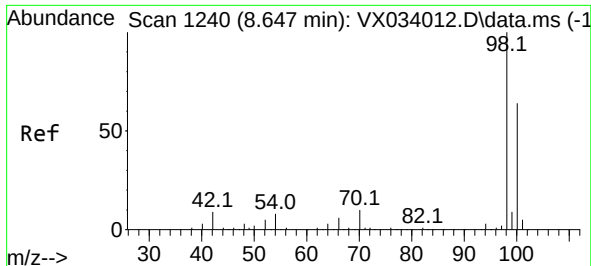
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

192 25.4 19.0 28.4

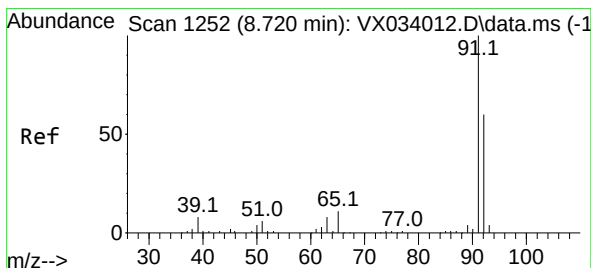
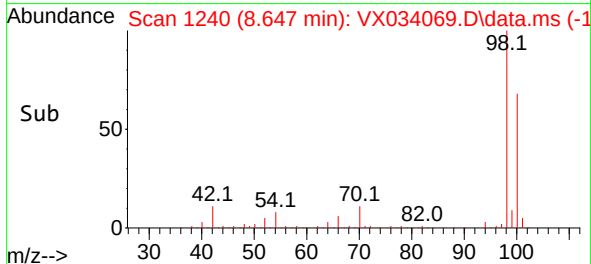
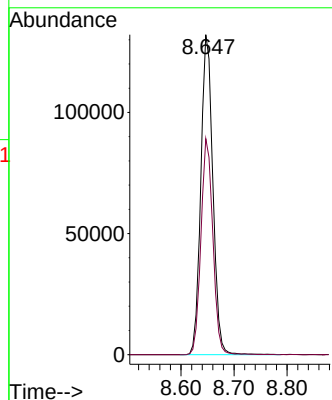
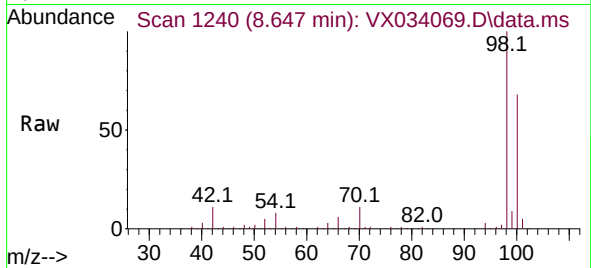




#50
Toluene-d8
Concen: 49.816 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

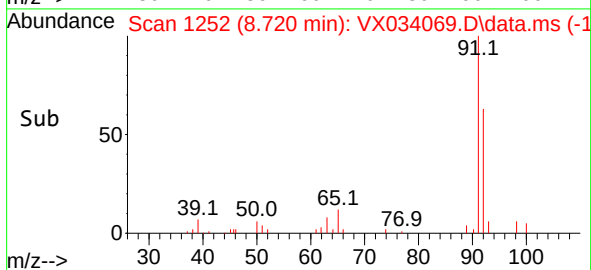
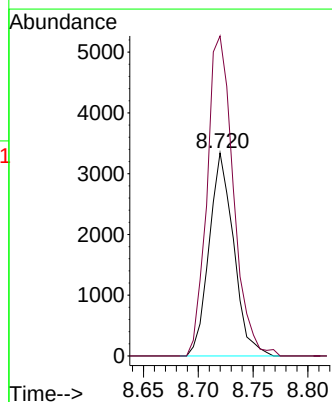
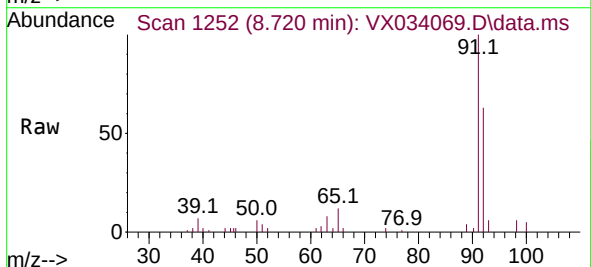
Instrument :
MSVOA_X
ClientSampleId :
33906

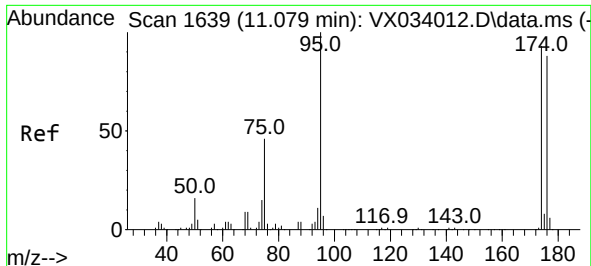
Tgt Ion: 98 Resp: 208209
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4



#52
Toluene
Concen: 1.746 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

Tgt Ion: 92 Resp: 5206
Ion Ratio Lower Upper
92 100
91 169.4 135.5 203.3

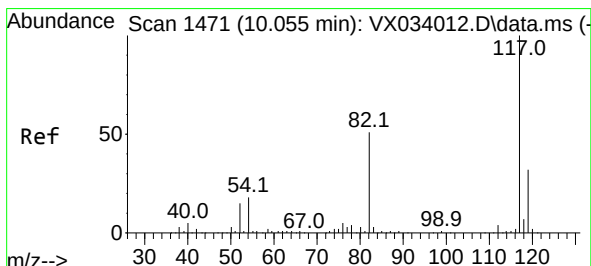
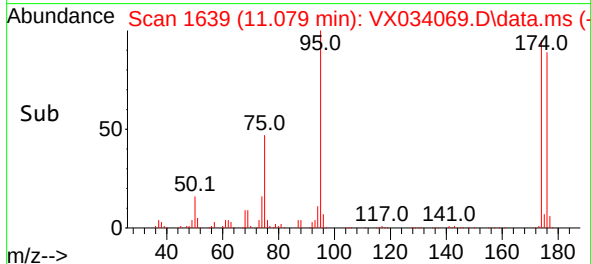
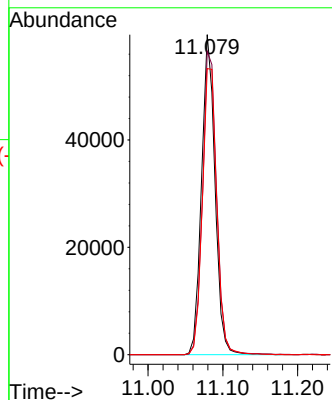
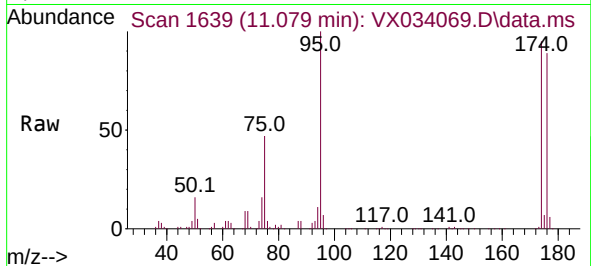




#62
4-Bromofluorobenzene
Concen: 49.813 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

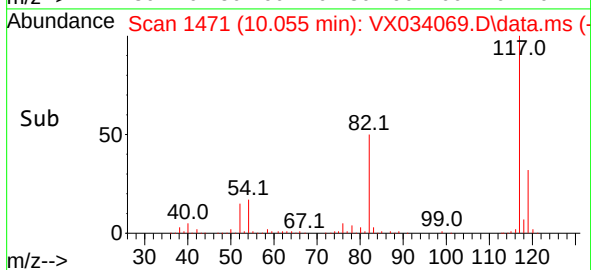
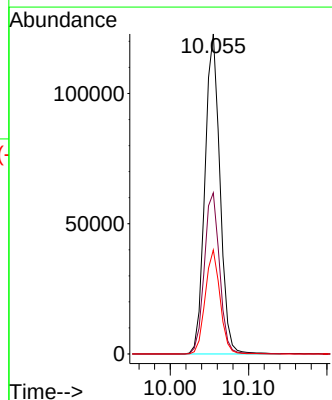
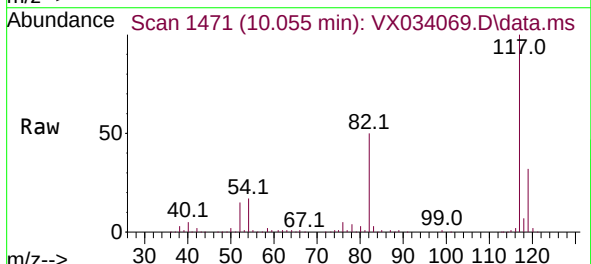
Instrument :
MSVOA_X
ClientSampleId :
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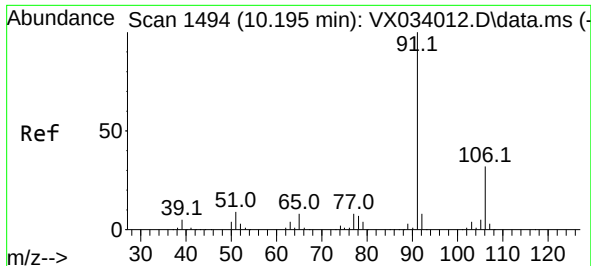
Tgt Ion: 95 Resp: 74357
Ion Ratio Lower Upper
95 100
174 99.4 0.0 184.4
176 96.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

Tgt Ion: 117 Resp: 163560
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 32.5 25.6 38.4

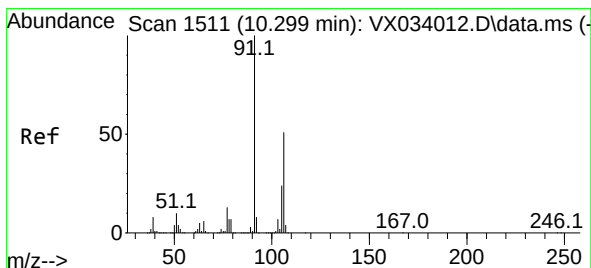
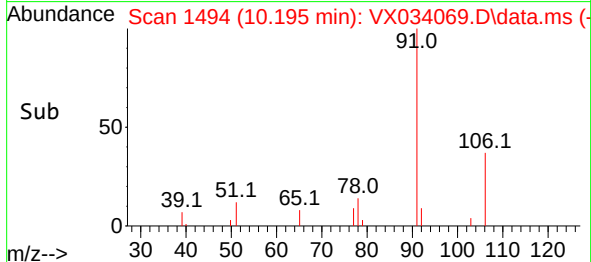
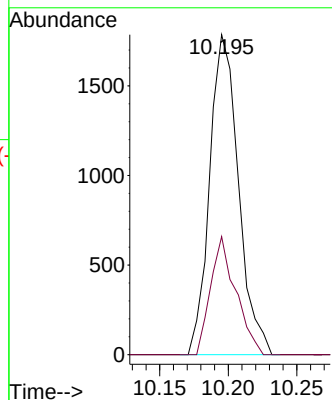
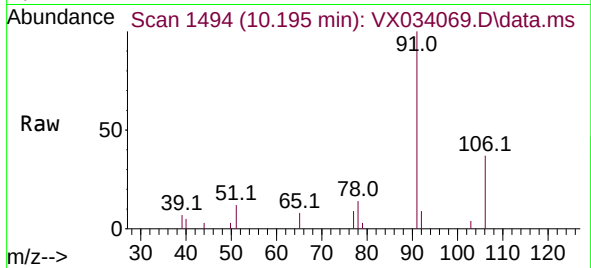




#67
Ethyl Benzene
Concen: 0.456 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

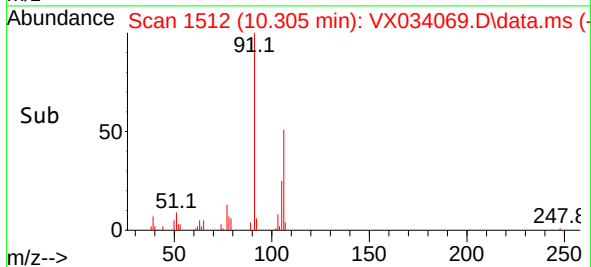
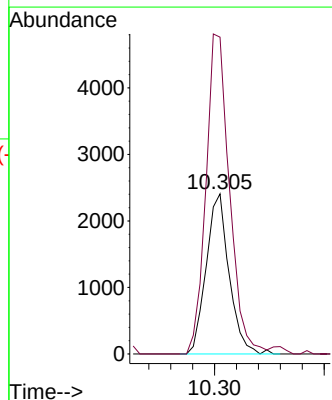
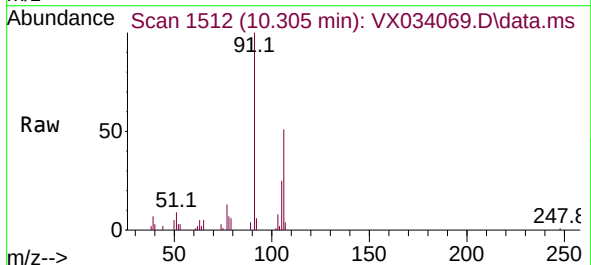
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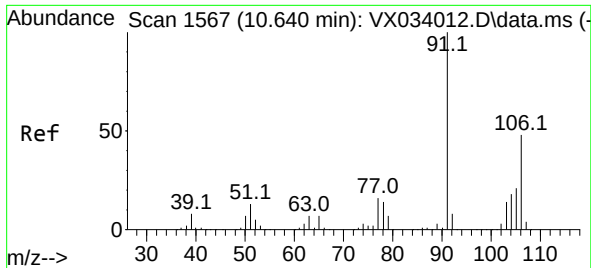
Tgt Ion: 91 Resp: 2610
Ion Ratio Lower Upper
91 100
106 36.9 25.8 38.8



#68
m/p-Xylenes
Concen: 1.528 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

Tgt Ion: 106 Resp: 3493
Ion Ratio Lower Upper
106 100
91 205.4 156.4 234.6

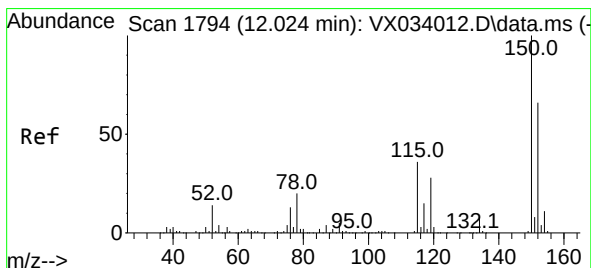
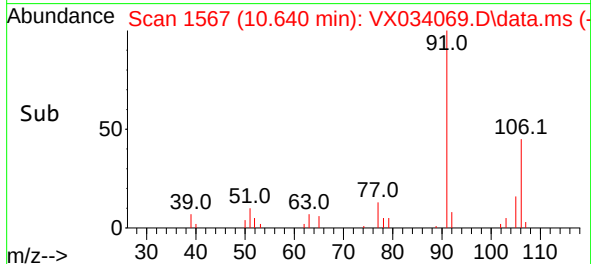
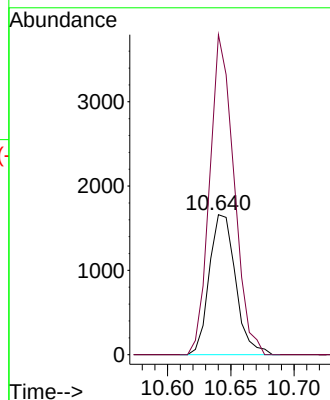
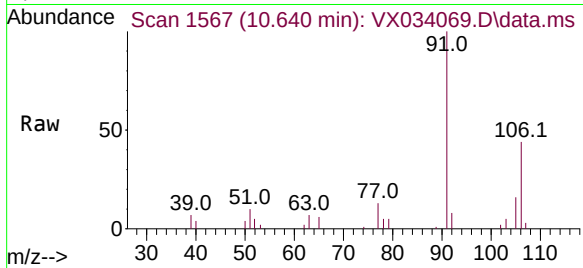




#69
o-Xylene
Concen: 1.095 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

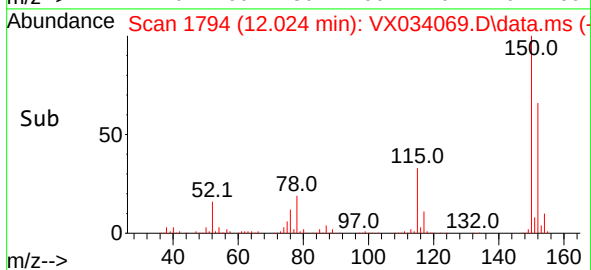
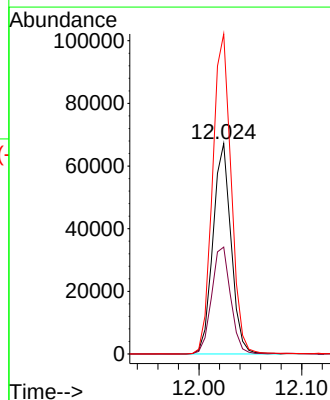
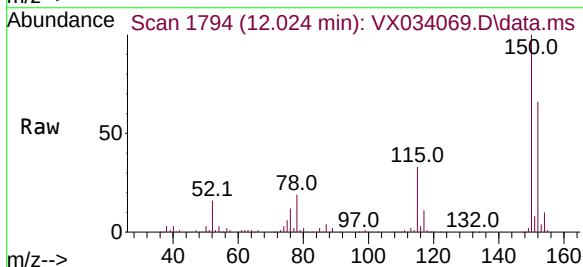
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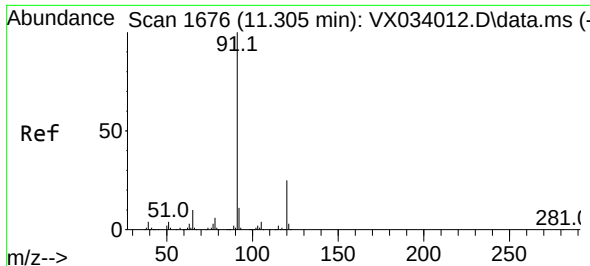
Tgt Ion:106 Resp: 2403
Ion Ratio Lower Upper
106 100
91 211.2 103.1 309.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

Tgt Ion:152 Resp: 82007
Ion Ratio Lower Upper
152 100
115 53.2 38.7 116.1
150 156.5 0.0 348.2

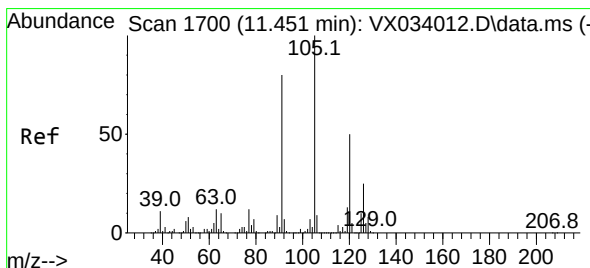
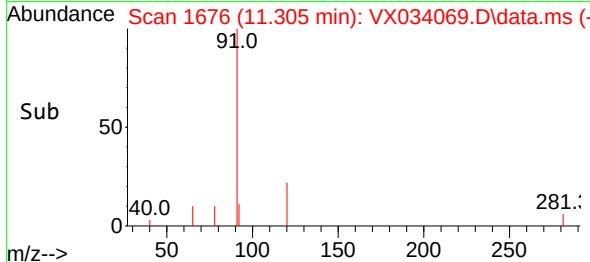
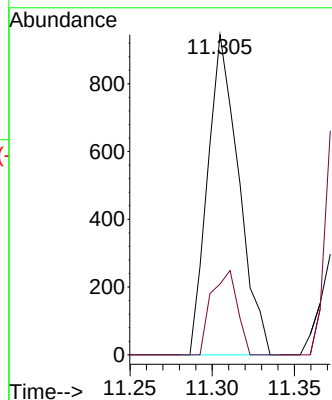
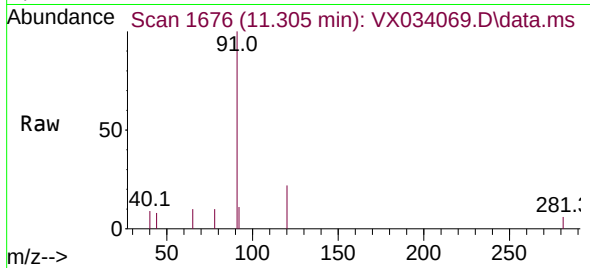




#78
n-propylbenzene
Concen: 0.205 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

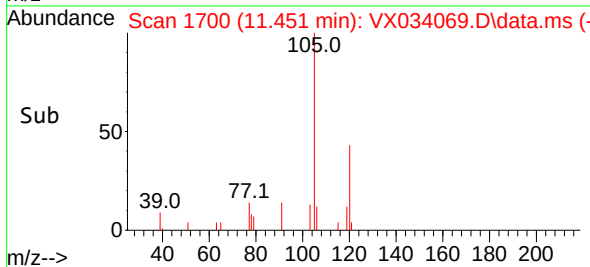
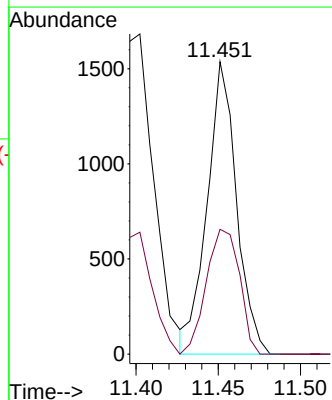
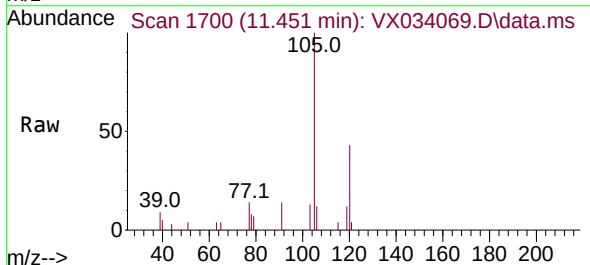
Instrument :
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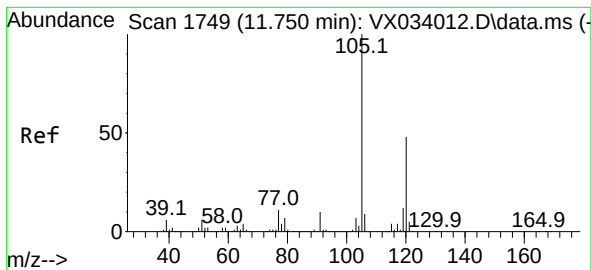
Tgt Ion: 91 Resp: 1242
Ion Ratio Lower Upper
91 100
120 22.0 12.3 36.8



#80
1,3,5-Trimethylbenzene
Concen: 0.418 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX034069.D
Acq: 07 Feb 2023 18:24

Tgt Ion: 105 Resp: 1908
Ion Ratio Lower Upper
105 100
120 48.2 25.6 76.8





#84

1,2,4-Trimethylbenzene

Concen: 1.336 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX034069.D

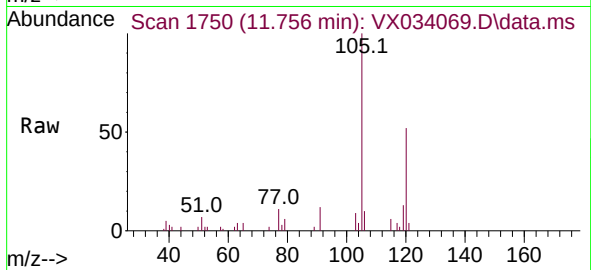
Acq: 07 Feb 2023 18:24

Instrument :

MSVOA_X

ClientSampleId :

33906



Tgt Ion:105 Resp: 6089

Ion Ratio Lower Upper

105 100

120 49.8 23.4 70.2

