

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021023\
 Data File : VX034080.D
 Acq On : 08 Feb 2023 13:10
 Operator : JC/MD
 Sample : 01467-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33906

Quant Time: Feb 09 04:49:13 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)

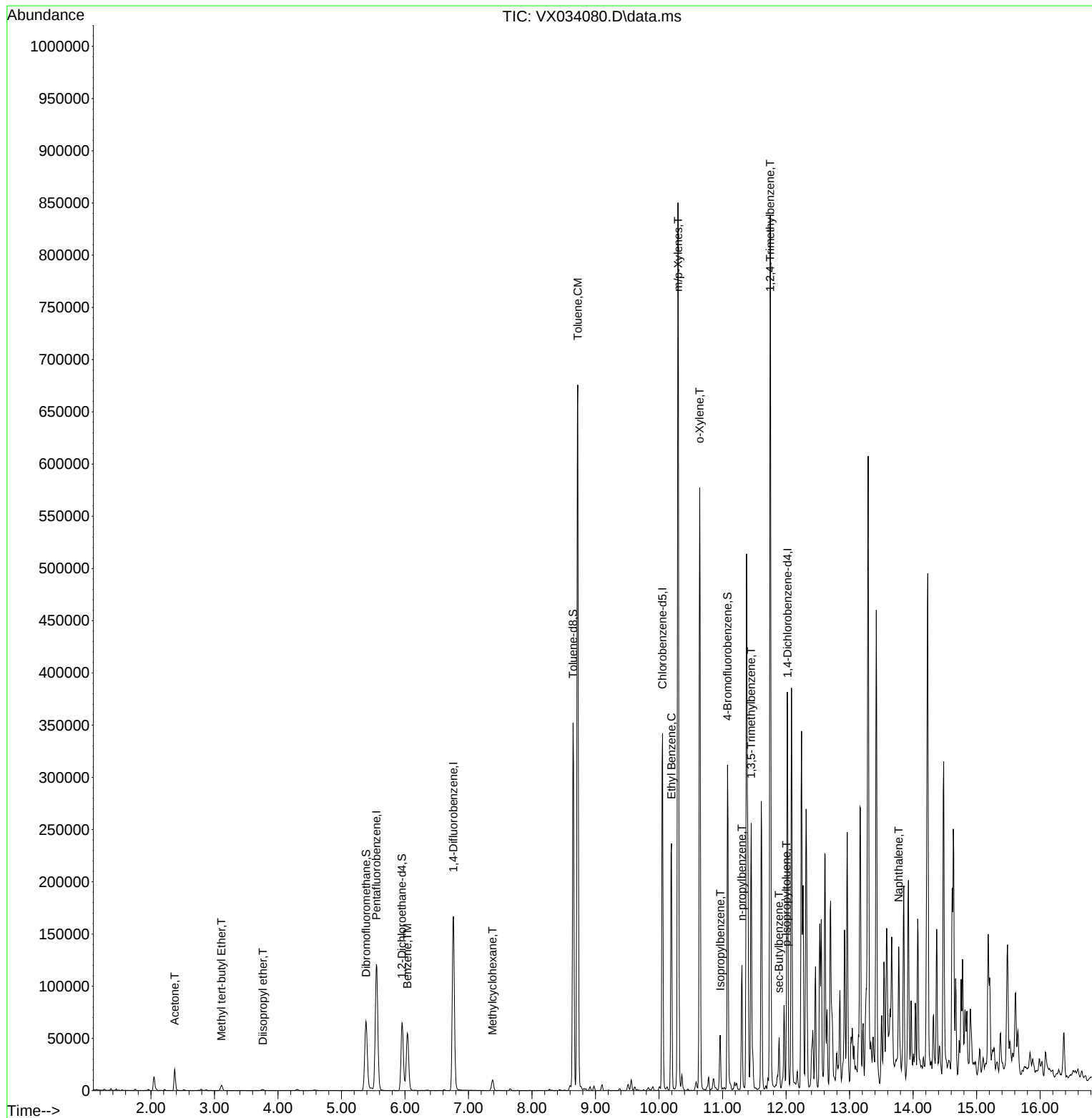
Internal Standards						
1) Pentafluorobenzene	5.550	168	132534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184042	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63299	49.542	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.080%
35) Dibromofluoromethane	5.385	113	58619	50.046	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.100%
50) Toluene-d8	8.647	98	210013	49.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.520%
62) 4-Bromofluorobenzene	11.079	95	75843	50.319	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.640%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	21275	39.424	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	5520	1.650	ug/l	94
22) Diisopropyl ether	3.763	45	1212	0.347	ug/l	87
39) Methylcyclohexane	7.379	83	4907	2.427	ug/l	95
40) Benzene	6.037	78	69498	14.957	ug/l	99
52) Toluene	8.720	92	260868	86.629	ug/l	99
67) Ethyl Benzene	10.195	91	140258	24.268	ug/l	98
68) m/p-Xylenes	10.299	106	199533	86.372	ug/l	100
69) o-Xylene	10.640	106	130447	58.794	ug/l	98
73) Isopropylbenzene	10.963	105	28503	5.040	ug/l	100
78) n-propylbenzene	11.305	91	71490	11.434	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	106814	22.692	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	366033	77.838	ug/l	99
85) sec-Butylbenzene	11.890	105	23067	3.965	ug/l	86
86) p-Isopropyltoluene	12.006	119	15053	2.950	ug/l	96
95) Naphthalene	13.774	128	77635	14.251	ug/l	96

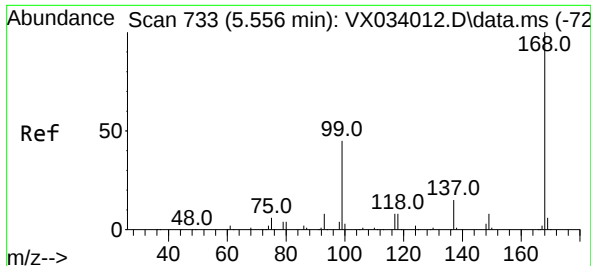
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 09 04:49:13 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

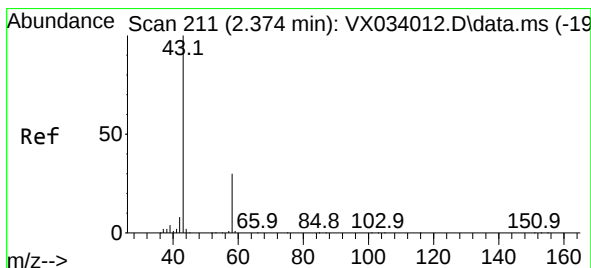
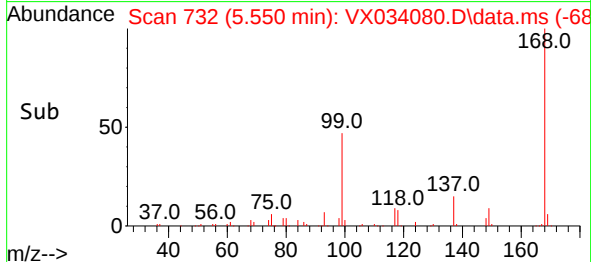
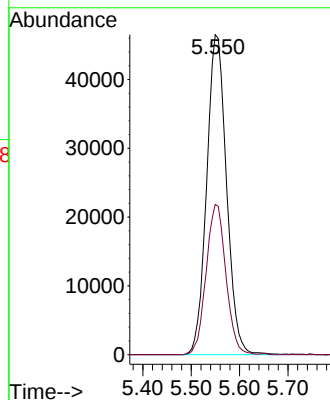
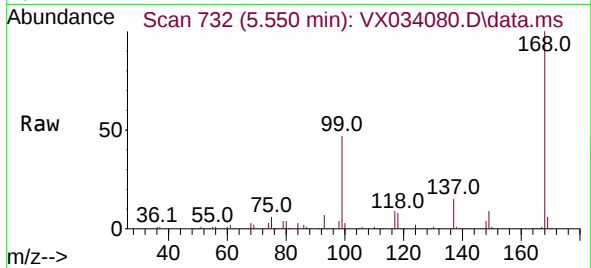




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

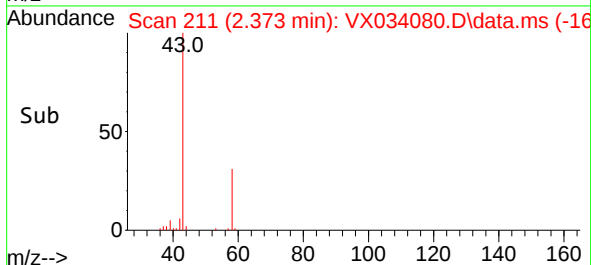
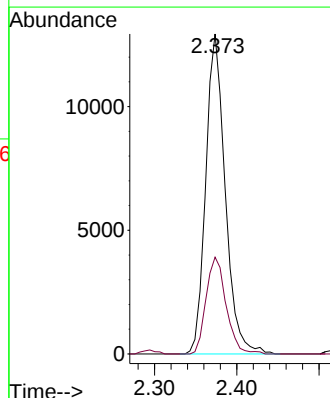
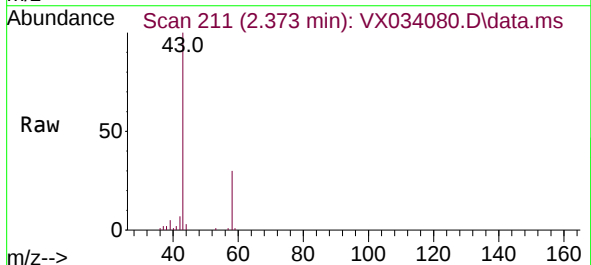
Instrument :
MSVOA_X
ClientSampleId :
33906

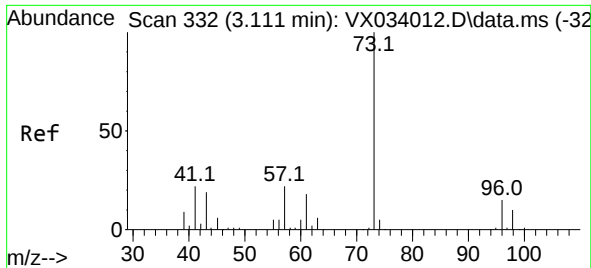
Tgt Ion:168 Resp: 132534
Ion Ratio Lower Upper
168 100
99 46.9 39.6 59.4



#16
Acetone
Concen: 39.424 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion: 43 Resp: 21275
Ion Ratio Lower Upper
43 100
58 30.2 22.6 33.8

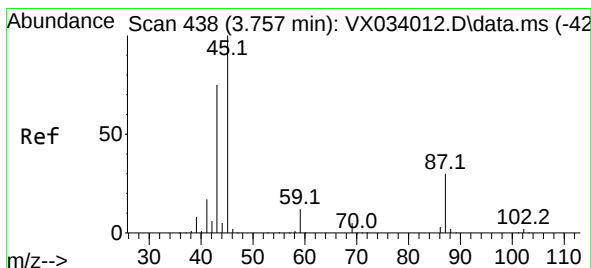
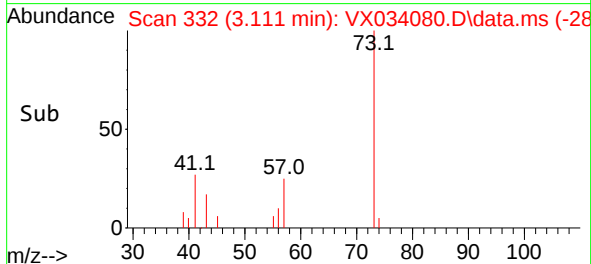
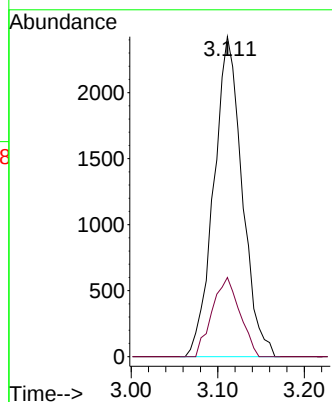
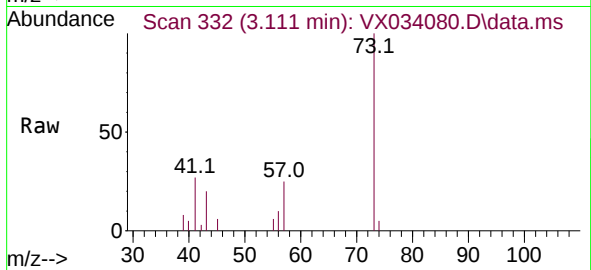




#19
Methyl tert-butyl Ether
Concen: 1.650 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

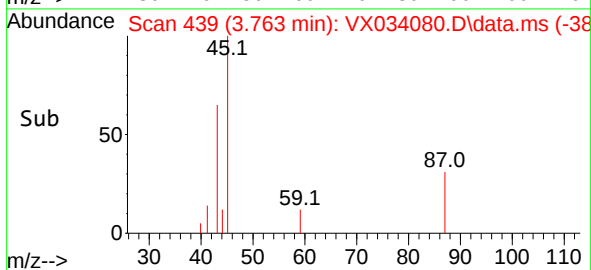
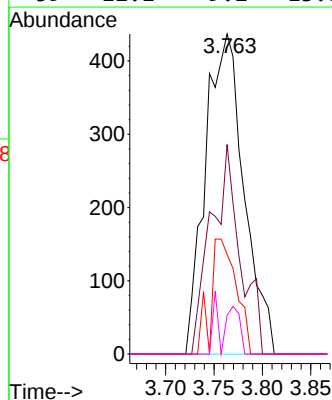
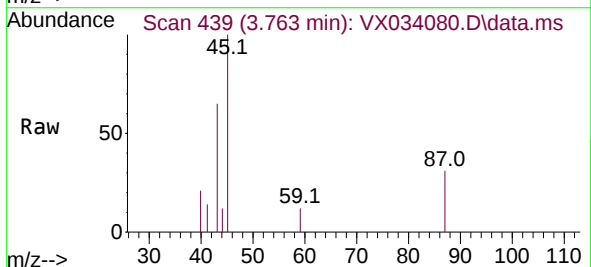
Instrument :
MSVOA_X
ClientSampleId :
33906

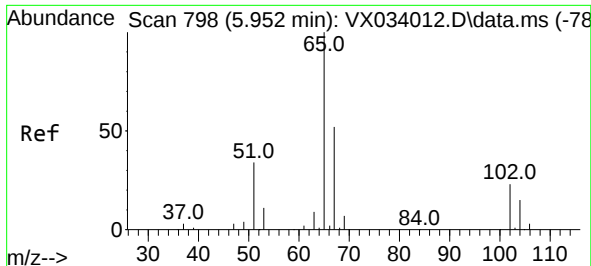
Tgt Ion: 73 Resp: 5520
Ion Ratio Lower Upper
73 100
57 24.8 17.4 26.0



#22
Diisopropyl ether
Concen: 0.347 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion: 45 Resp: 1212
Ion Ratio Lower Upper
45 100
43 65.4 64.6 97.0
87 31.1 21.9 32.9
59 12.1 9.2 13.8





#33

1,2-Dichloroethane-d4

Concen: 49.542 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX034080.D

Acq: 08 Feb 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

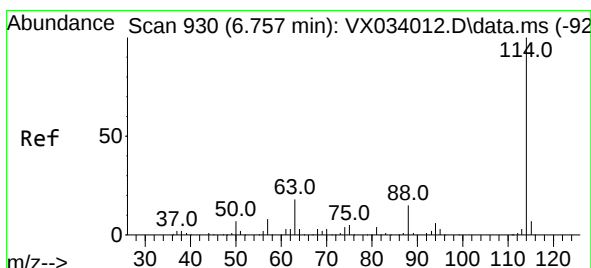
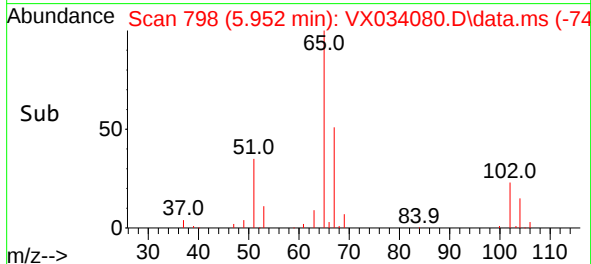
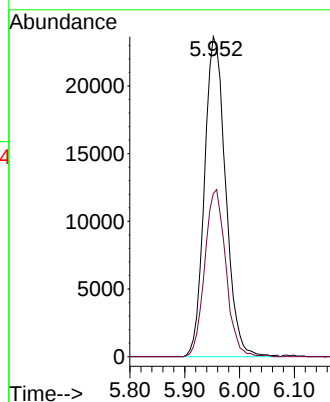
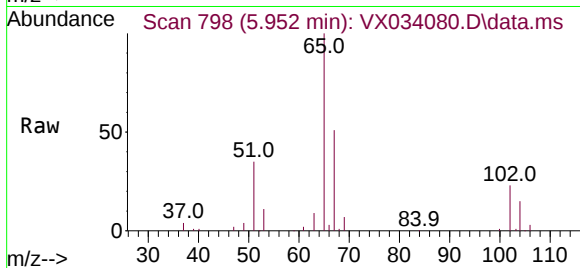
33906

Tgt Ion: 65 Resp: 63299

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034080.D

Acq: 08 Feb 2023 13:10

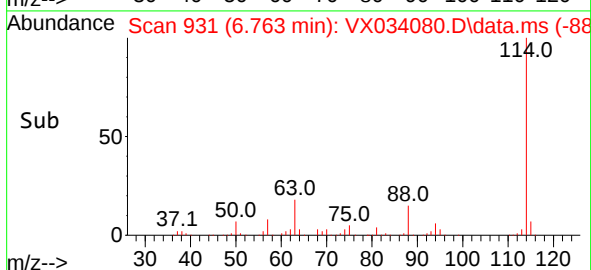
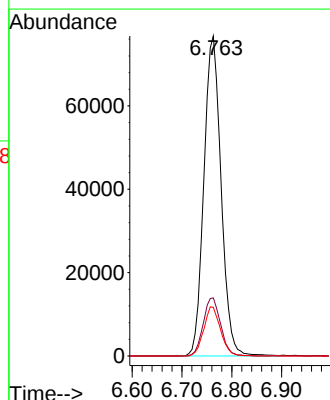
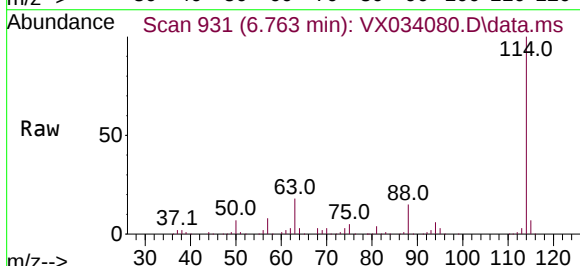
Tgt Ion: 114 Resp: 184042

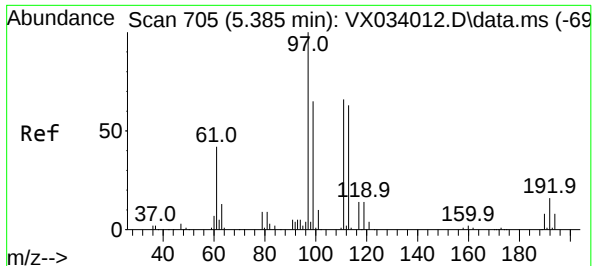
Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.4

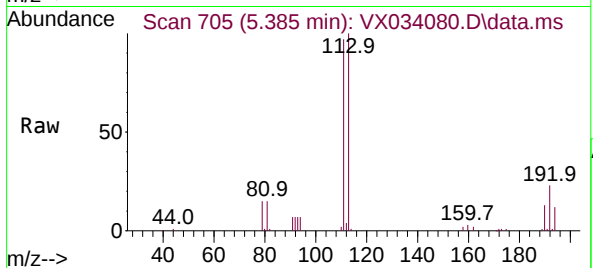
88 15.2 0.0 30.6



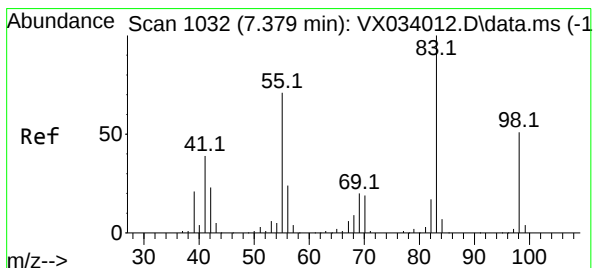
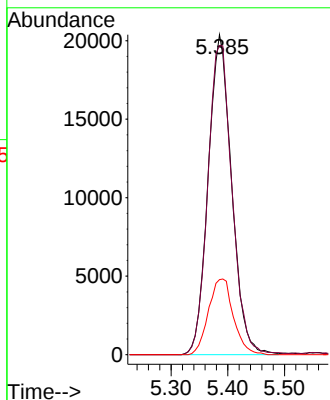
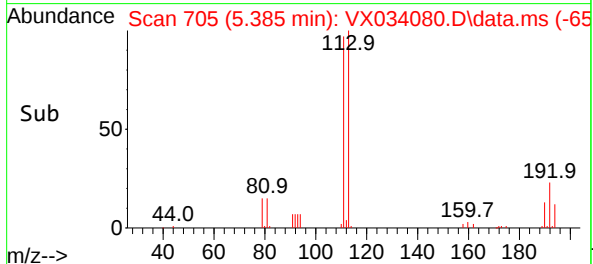


#35
Dibromofluoromethane
Concen: 50.046 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :
33906

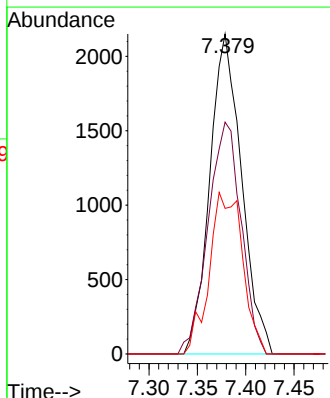
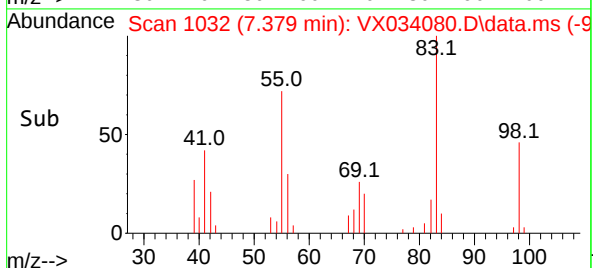
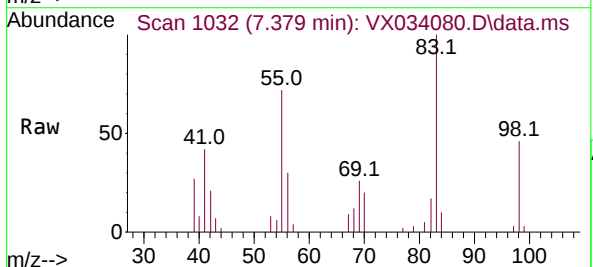


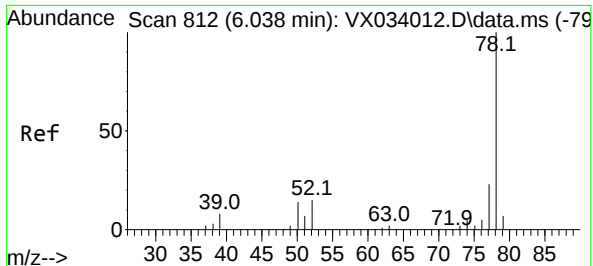
Tgt Ion:113 Resp: 58619
Ion Ratio Lower Upper
113 100
111 100.2 83.0 124.6
192 25.1 19.0 28.4



#39
Methylcyclohexane
Concen: 2.427 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion: 83 Resp: 4907
Ion Ratio Lower Upper
83 100
55 72.4 61.8 92.6
98 45.5 39.3 58.9

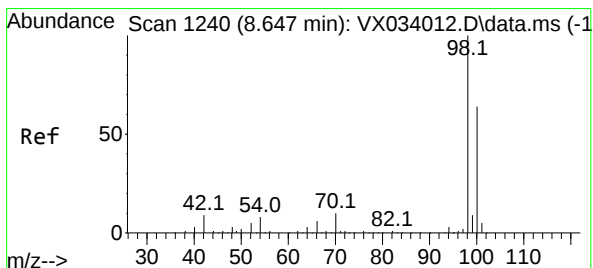
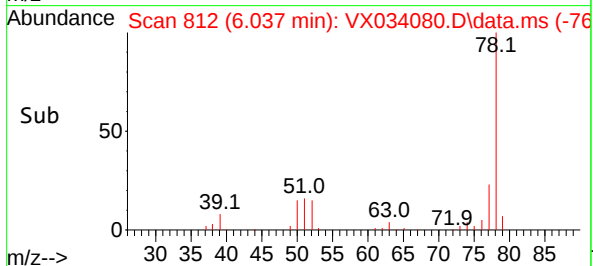
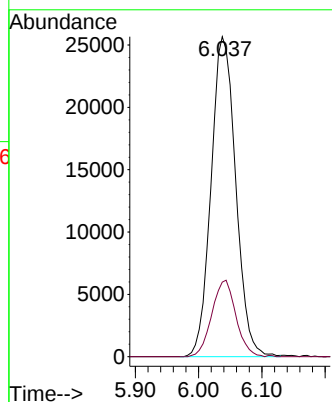
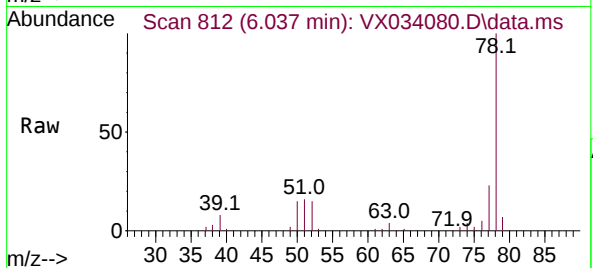




#40
Benzene
Concen: 14.957 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

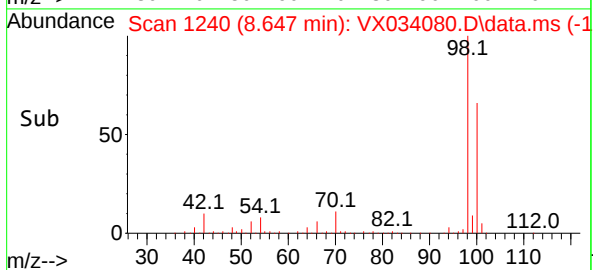
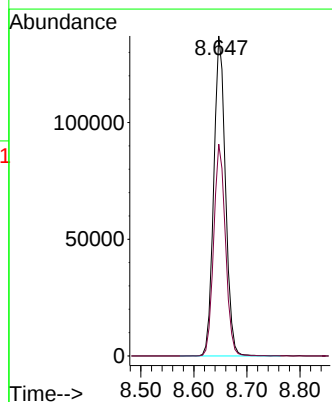
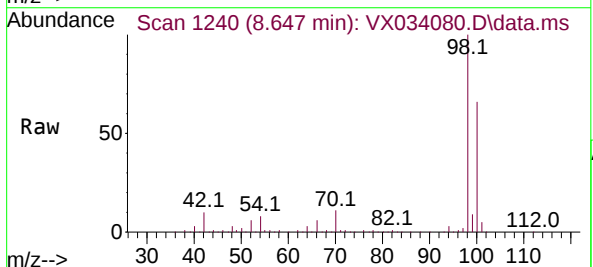
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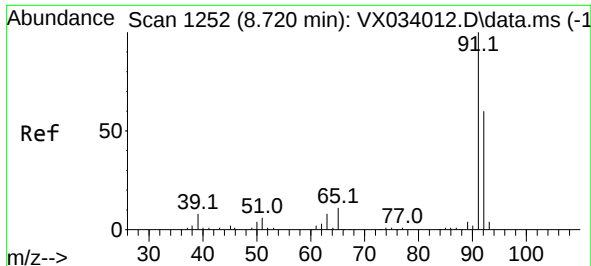
Tgt Ion: 78 Resp: 69498
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



#50
Toluene-d8
Concen: 49.765 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion: 98 Resp: 210013
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4

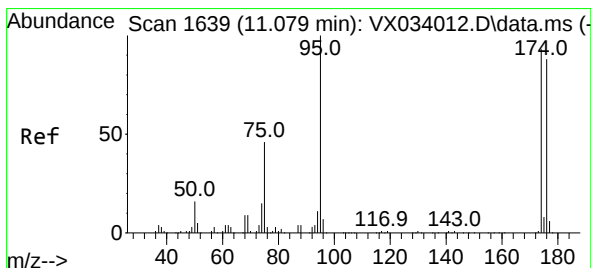
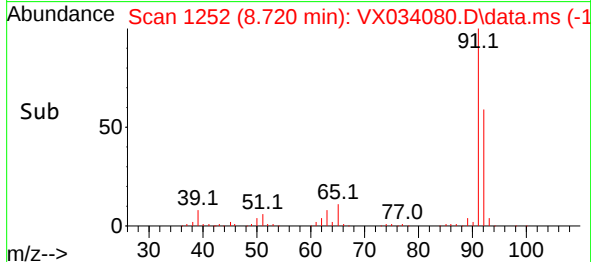
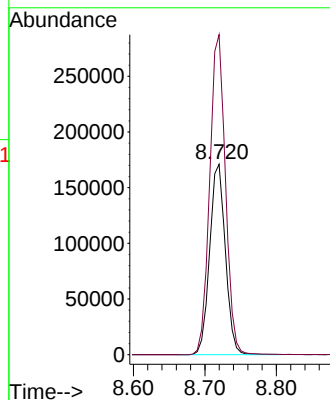
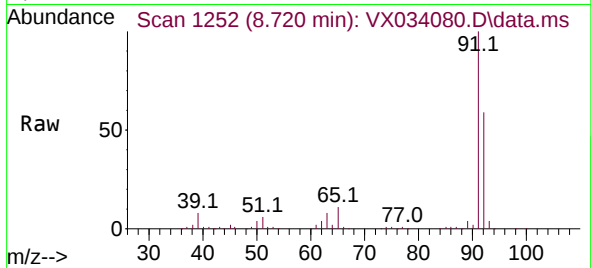




#52
Toluene
Concen: 86.629 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

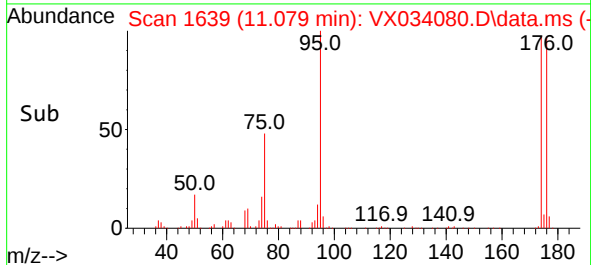
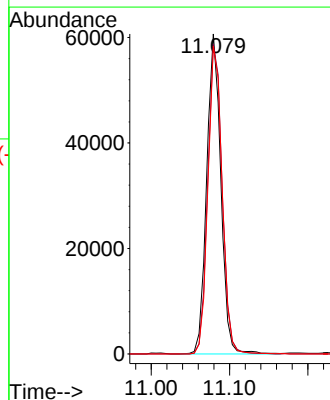
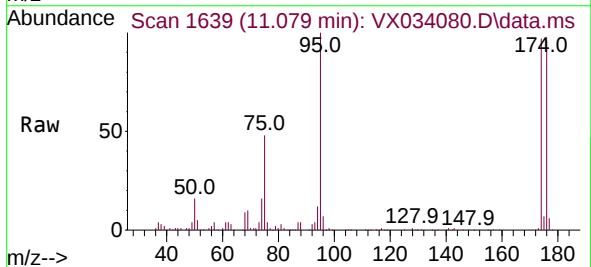
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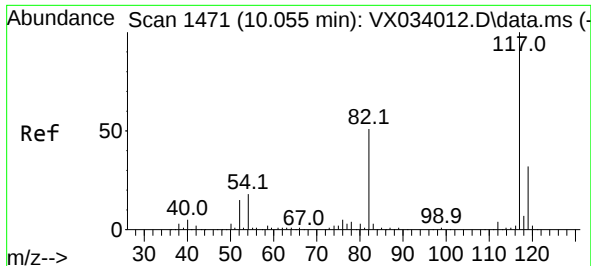
Tgt Ion: 92 Resp: 260868
Ion Ratio Lower Upper
92 100
91 168.6 135.5 203.3



#62
4-Bromofluorobenzene
Concen: 50.319 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion: 95 Resp: 75843
Ion Ratio Lower Upper
95 100
174 98.4 0.0 184.4
176 96.3 0.0 178.8

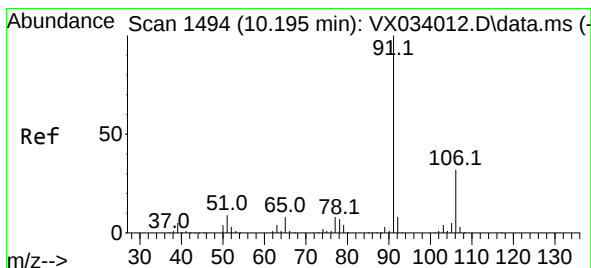
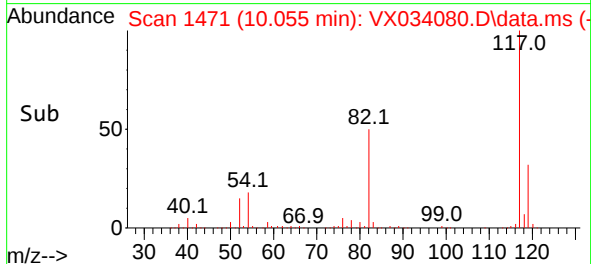
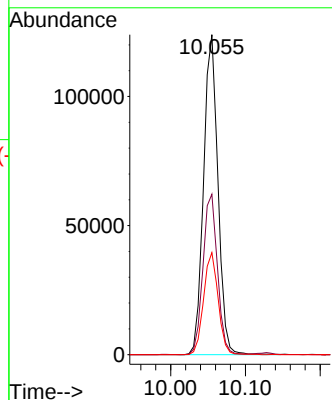
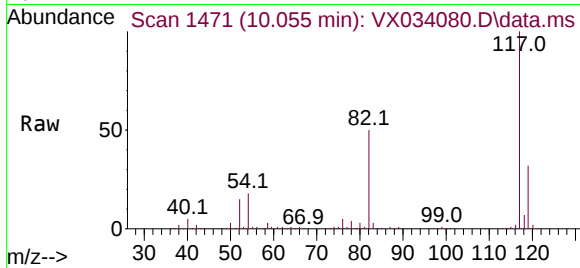




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

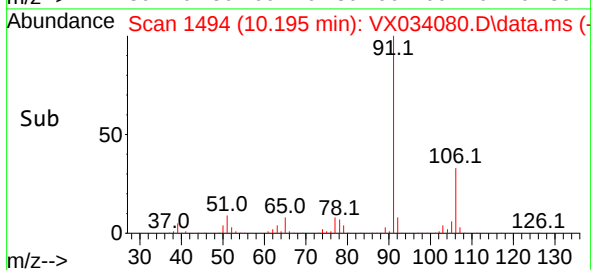
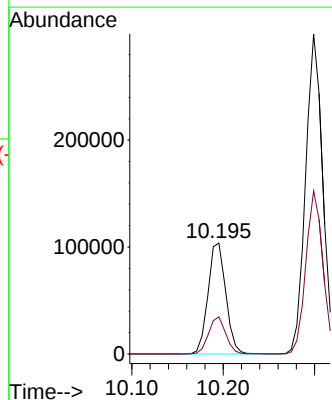
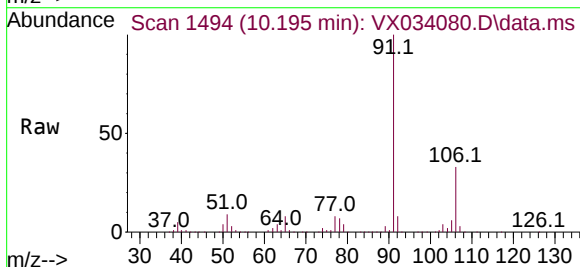
Instrument :
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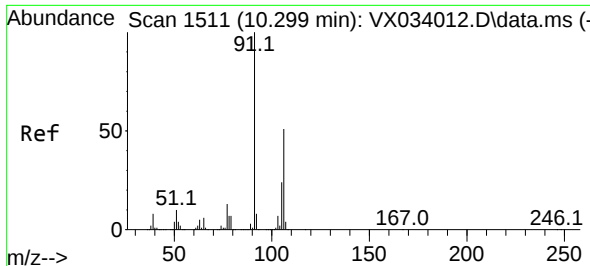
Tgt Ion:117 Resp: 165332
Ion Ratio Lower Upper
117 100
82 50.2 40.6 60.8
119 31.9 25.6 38.4



#67
Ethyl Benzene
Concen: 24.268 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion: 91 Resp: 140258
Ion Ratio Lower Upper
91 100
106 33.4 25.8 38.8

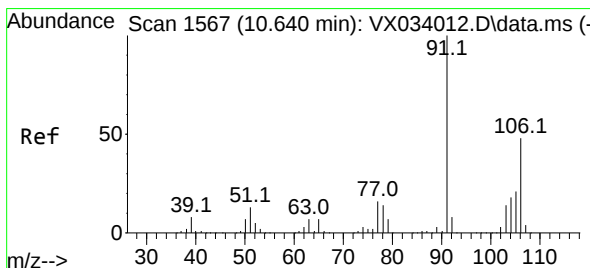
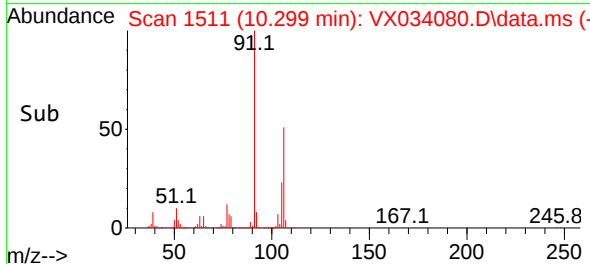
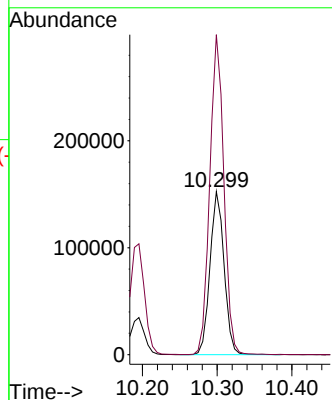
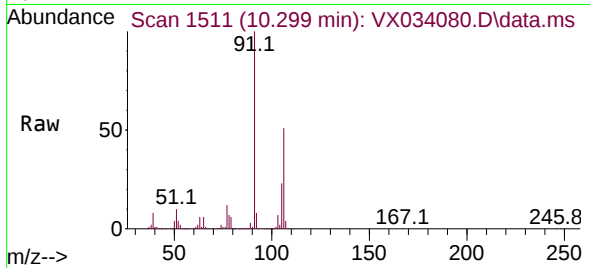




#68
m/p-Xylenes
Concen: 86.372 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

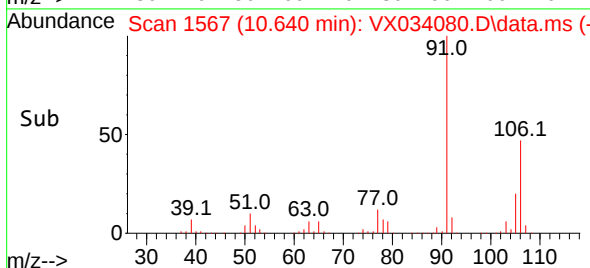
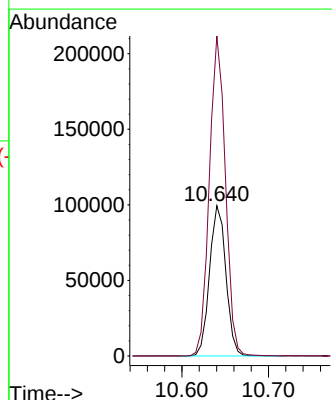
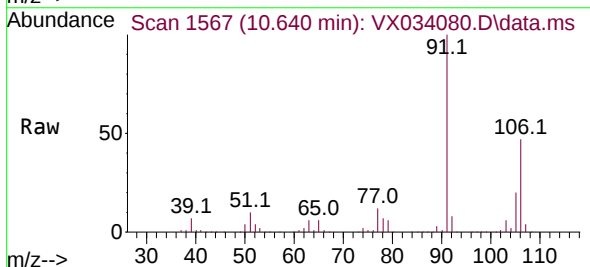
Instrument :
MSVOA_X
ClientSampleId :
33906

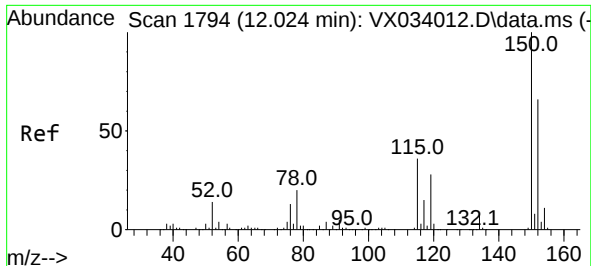
Tgt Ion:106 Resp: 199533
Ion Ratio Lower Upper
106 100
91 195.5 156.4 234.6



#69
o-Xylene
Concen: 58.794 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion:106 Resp: 130447
Ion Ratio Lower Upper
106 100
91 209.2 103.1 309.3

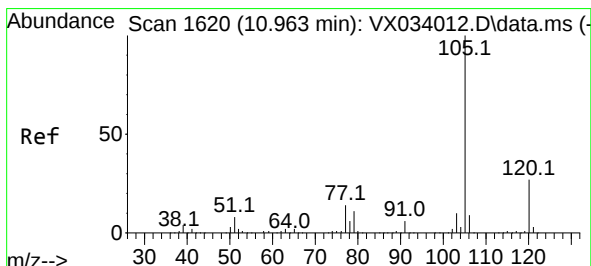
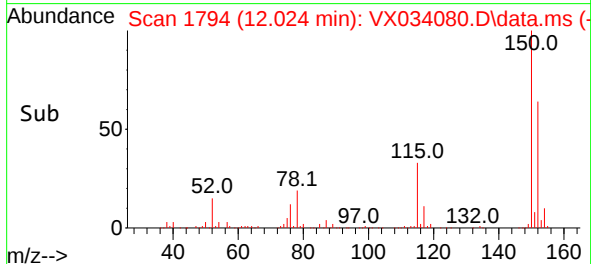
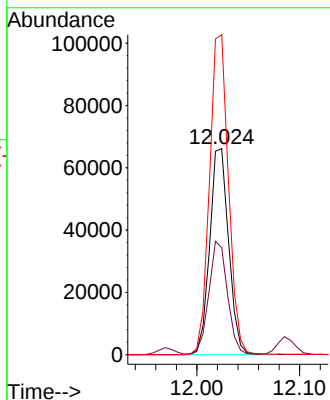
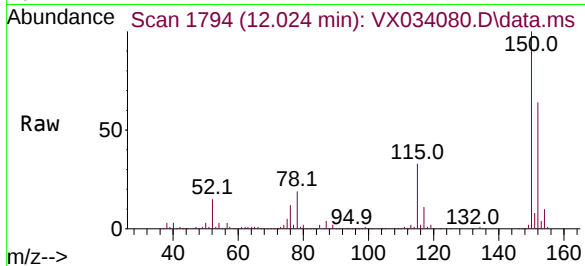




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

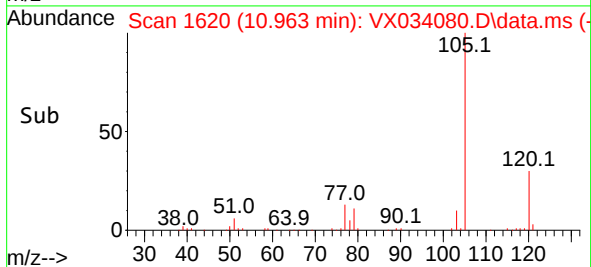
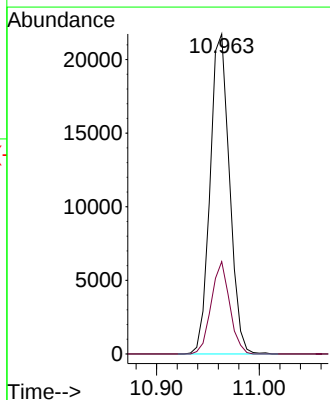
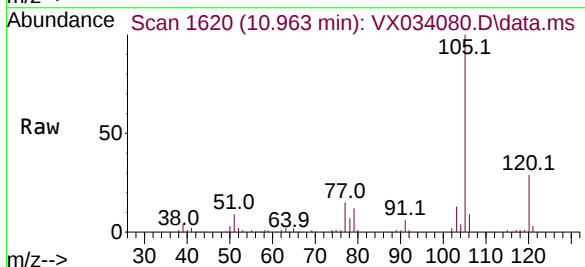
Instrument :
MSVOA_X
ClientSampleId :
33906

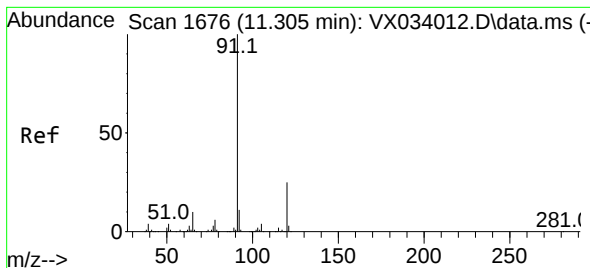
Tgt Ion:152 Resp: 84614
Ion Ratio Lower Upper
152 100
115 54.3 38.7 116.1
150 155.2 0.0 348.2



#73
Isopropylbenzene
Concen: 5.040 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion:105 Resp: 28503
Ion Ratio Lower Upper
105 100
120 27.4 13.6 40.8





#78

n-propylbenzene

Concen: 11.434 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034080.D

Acq: 08 Feb 2023 13:10

Instrument :

MSVOA_X

ClientSampleId :

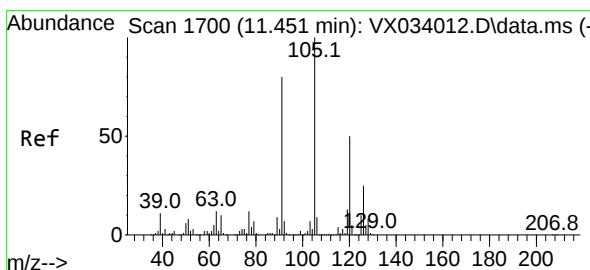
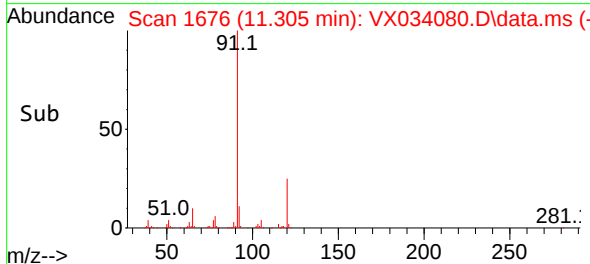
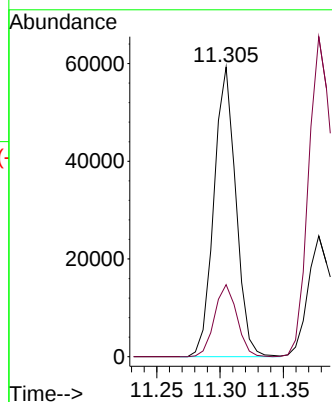
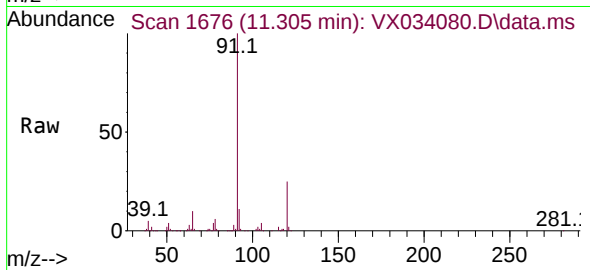
33906

Tgt Ion: 91 Resp: 71490

Ion Ratio Lower Upper

91 100

120 25.4 12.3 36.8



#80

1,3,5-Trimethylbenzene

Concen: 22.692 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX034080.D

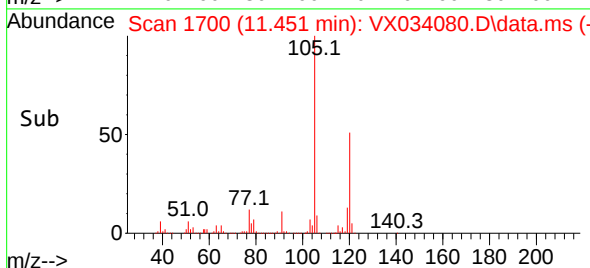
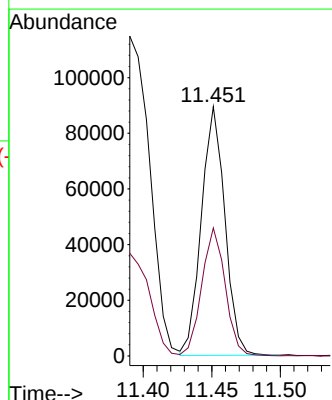
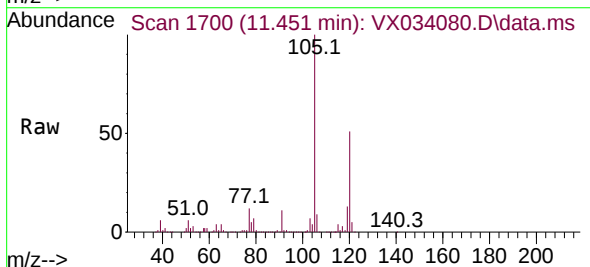
Acq: 08 Feb 2023 13:10

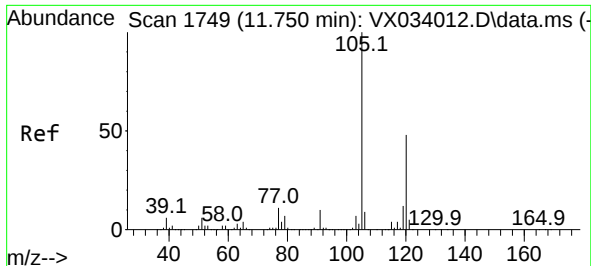
Tgt Ion: 105 Resp: 106814

Ion Ratio Lower Upper

105 100

120 51.1 25.6 76.8

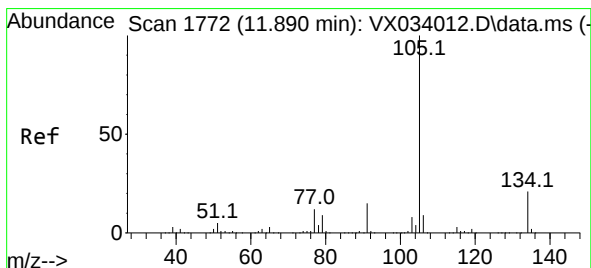
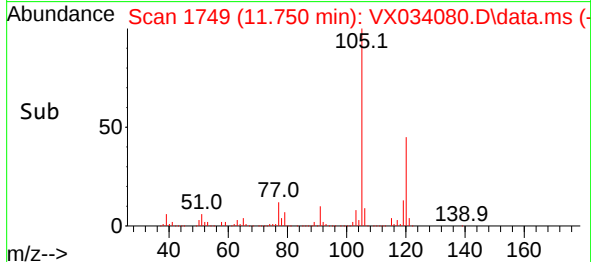
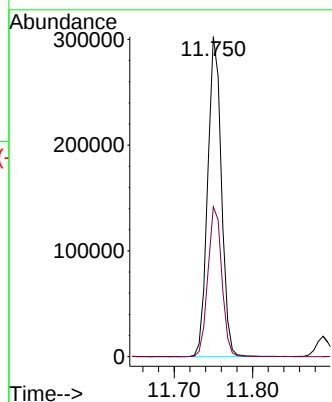
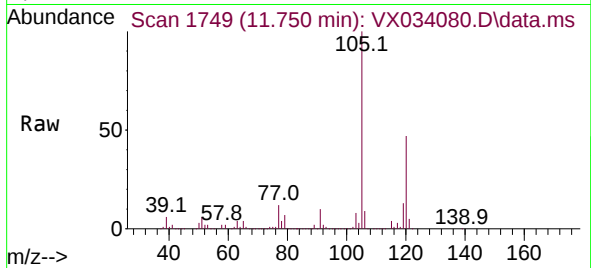




#84
1,2,4-Trimethylbenzene
Concen: 77.838 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

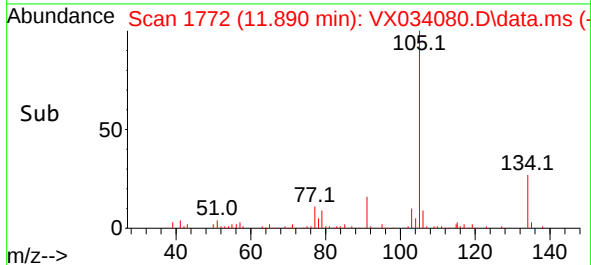
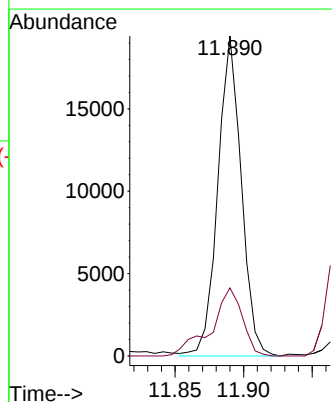
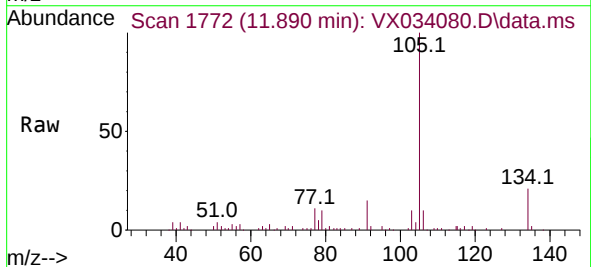
Instrument :
MSVOA_X
ClientSampleId :
33906

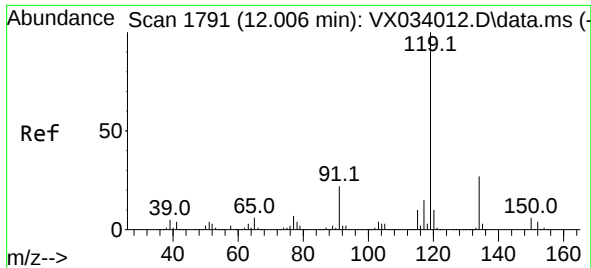
Tgt Ion:105 Resp: 366033
Ion Ratio Lower Upper
105 100
120 47.6 23.4 70.2



#85
sec-Butylbenzene
Concen: 3.965 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion:105 Resp: 23067
Ion Ratio Lower Upper
105 100
134 28.1 10.8 32.3

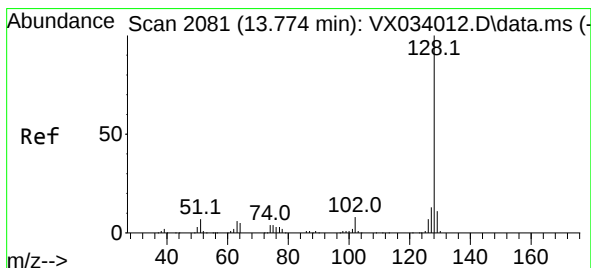
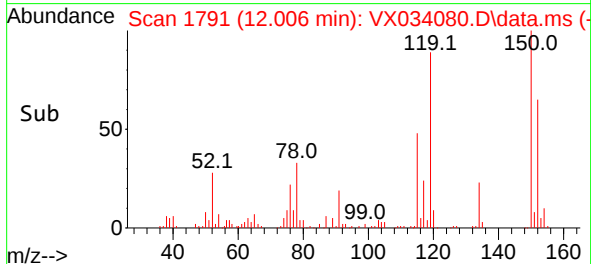
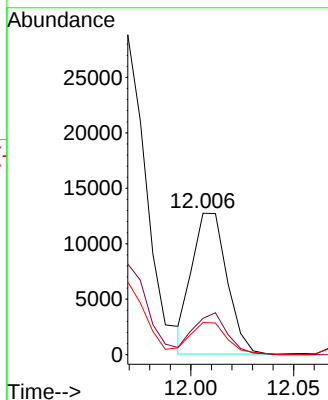
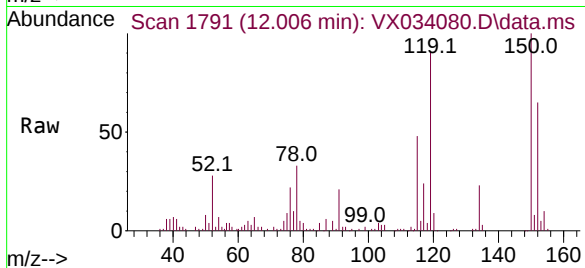




#86
p-Isopropyltoluene
Concen: 2.950 ug/l
RT: 12.006 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Instrument :
MSVOA_X
ClientSampleId :
33906

Tgt Ion:119 Resp: 15053
Ion Ratio Lower Upper
119 100
134 28.6 13.6 40.8
91 25.0 11.0 33.0



#95
Naphthalene
Concen: 14.251 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034080.D
Acq: 08 Feb 2023 13:10

Tgt Ion:128 Resp: 77635
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 12.6 8.7 13.1

