

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034511.D
 Acq On : 15 Mar 2023 16:22
 Operator : JC/MD
 Sample : 01892-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BOOM-030923

Quant Time: Mar 16 05:20:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

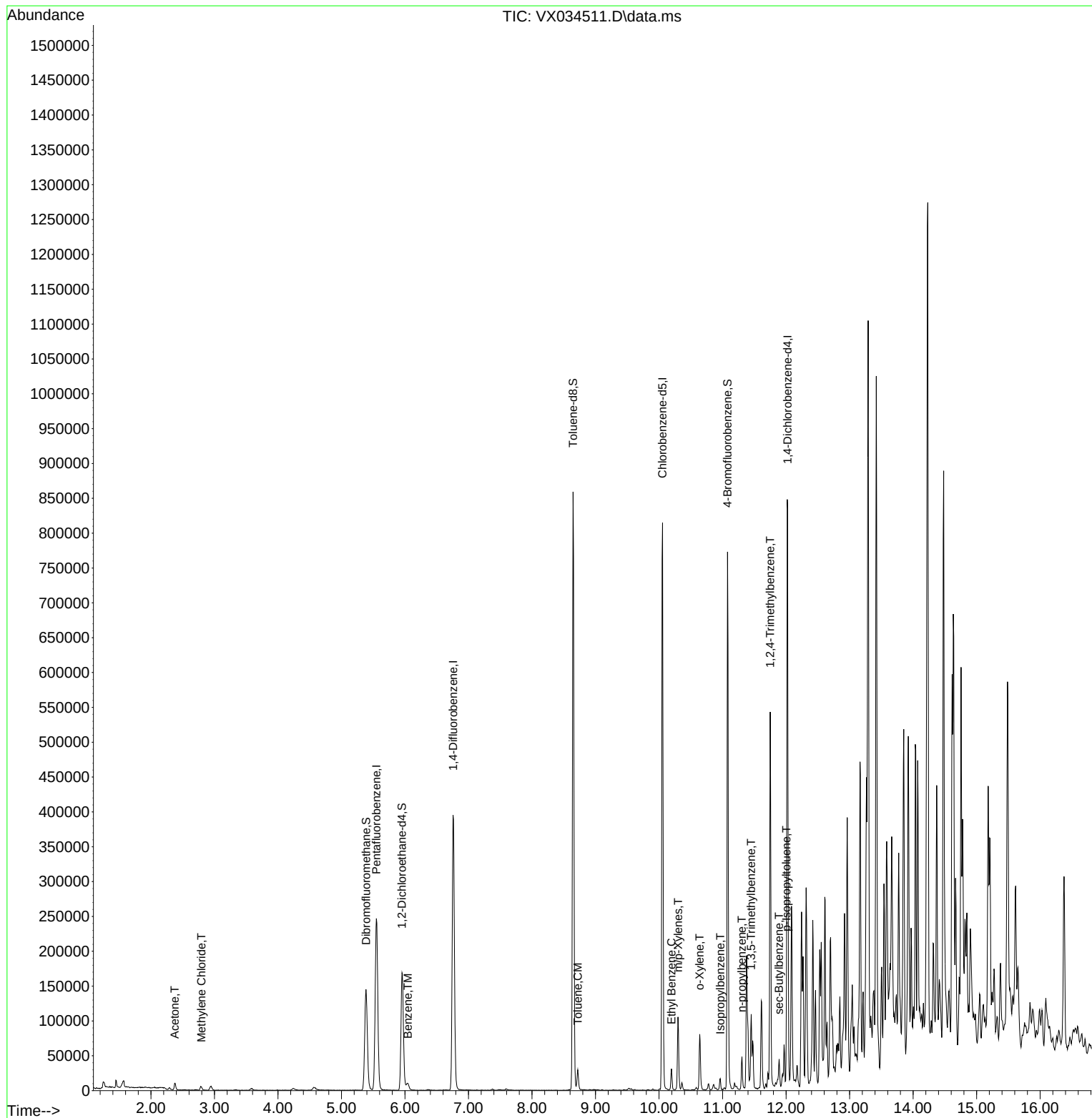
Internal Standards						
1) Pentafluorobenzene	5.550	168	238383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	404829	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	167785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160998	46.424	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.840%
35) Dibromofluoromethane	5.385	113	124617	46.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.240%
50) Toluene-d8	8.647	98	491178	49.226	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.079	95	193071	47.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	10468	6.408	ug/l	98
20) Methylene Chloride	2.794	84	2790	0.880	ug/l #	71
40) Benzene	6.044	78	11358	0.946	ug/l	96
52) Toluene	8.720	92	10692	1.438	ug/l	99
67) Ethyl Benzene	10.195	91	16963	1.197	ug/l	90
68) m/p-Xylenes	10.299	106	23441	4.305	ug/l	97
69) o-Xylene	10.640	106	17670	3.234	ug/l	97
73) Isopropylbenzene	10.963	105	8219	0.634	ug/l	92
78) n-propylbenzene	11.305	91	28336	1.892	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	42128	3.873	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	218657	19.670	ug/l	98
85) sec-Butylbenzene	11.890	105	14878	1.110	ug/l	88
86) p-Isopropyltoluene	12.006	119	10899	0.967	ug/l	93

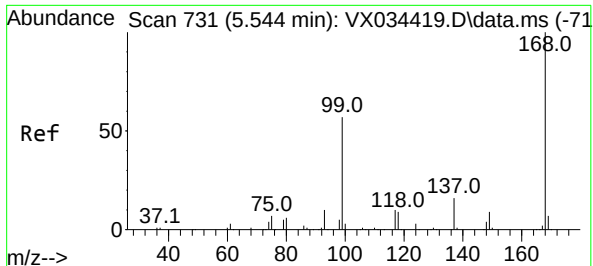
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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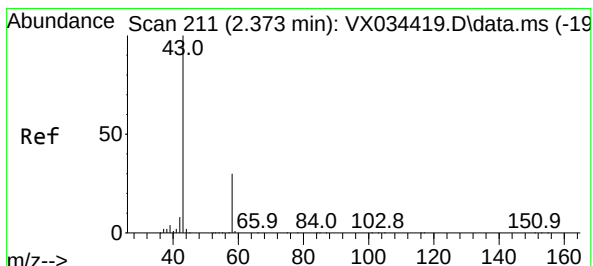
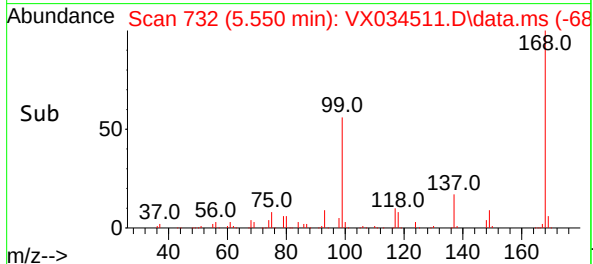
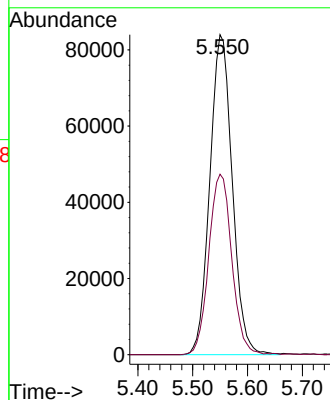
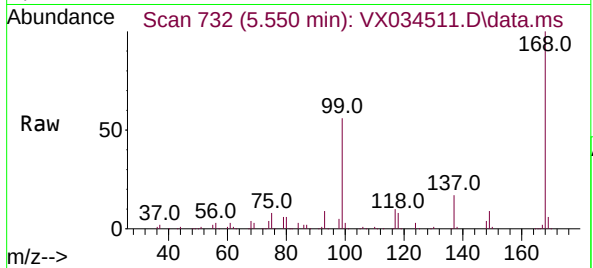




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

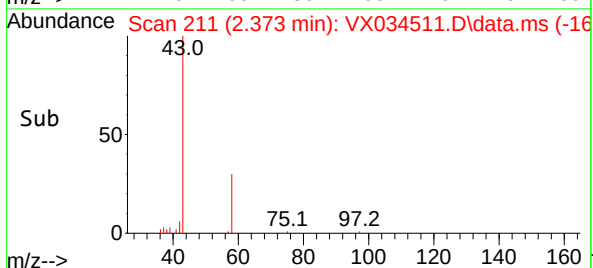
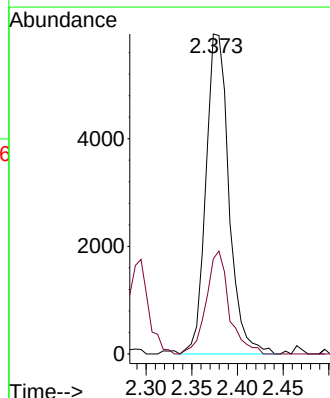
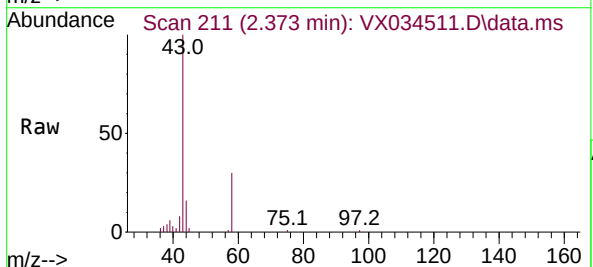
Instrument :
MSVOA_X
ClientSampleId :
BOOM-030923

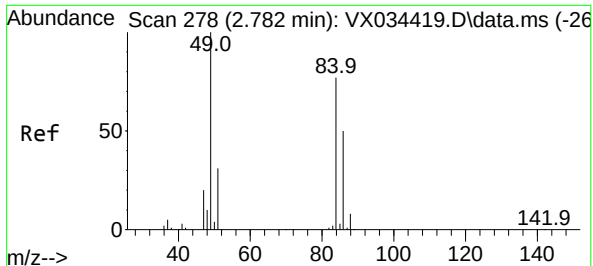
Tgt Ion:168 Resp: 238383
Ion Ratio Lower Upper
168 100
99 56.4 45.7 68.5



#16
Acetone
Concen: 6.408 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

Tgt Ion: 43 Resp: 10468
Ion Ratio Lower Upper
43 100
58 29.8 24.7 37.1

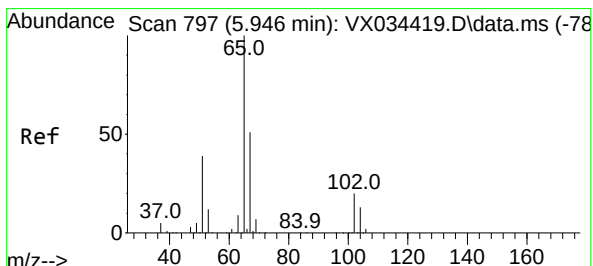
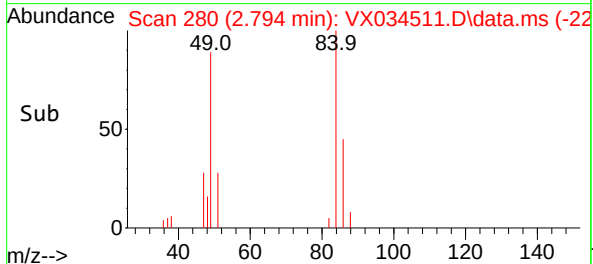
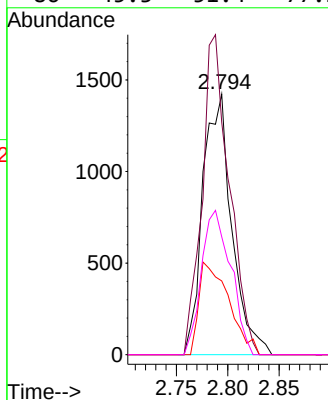
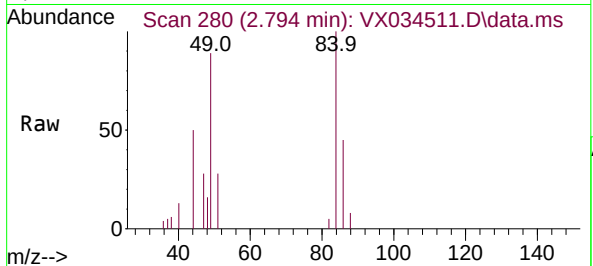




#20
Methylene Chloride
Concen: 0.880 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

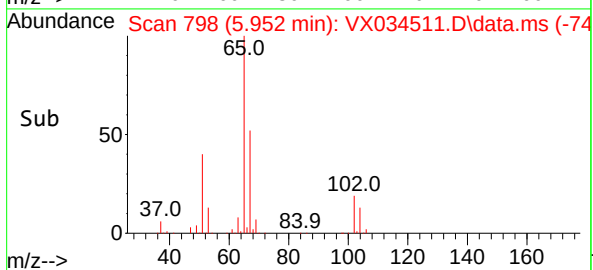
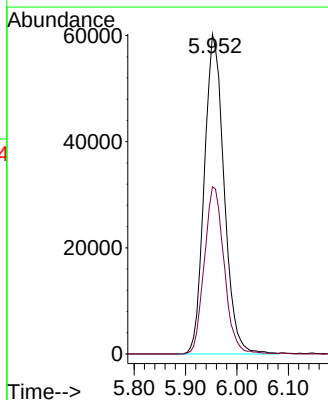
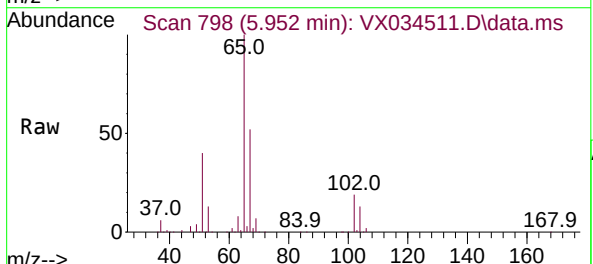
Instrument :
MSVOA_X
ClientSampleId :
BOOM-030923

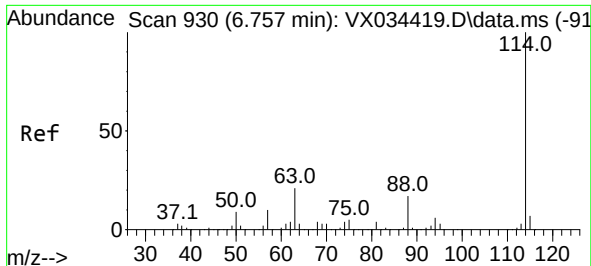
Tgt Ion:	84	Resp:	2790
Ion	Ratio	Lower	Upper
84	100		
49	89.2	103.8	155.8#
51	28.3	31.8	47.8#
86	45.3	51.4	77.2#



#33
1,2-Dichloroethane-d4
Concen: 46.424 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

Tgt Ion:	65	Resp:	160998
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.0

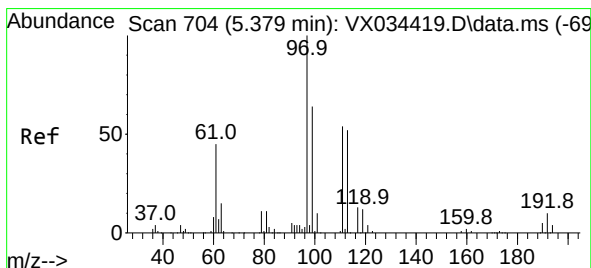
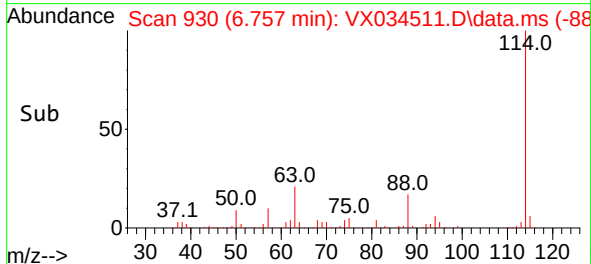
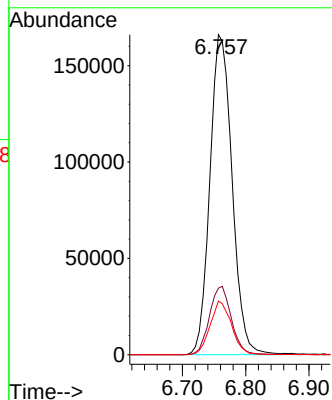
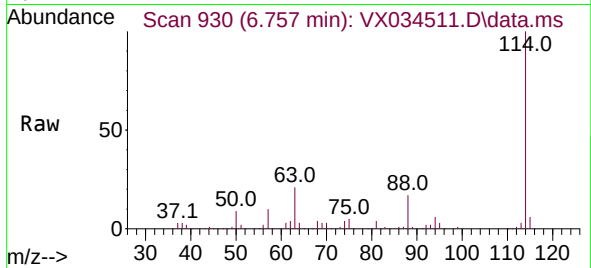




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

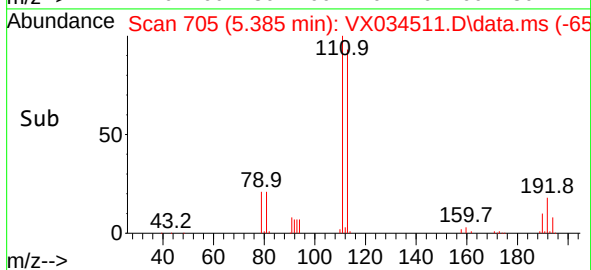
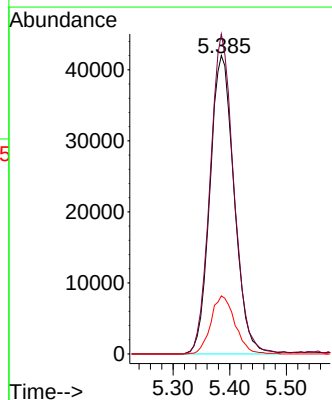
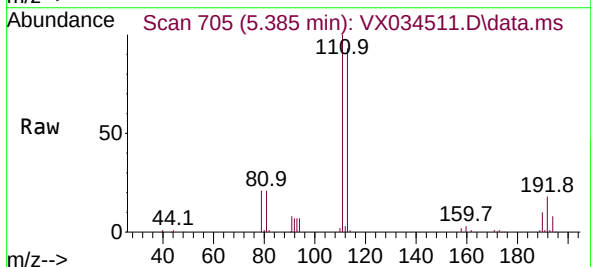
Instrument :
MSVOA_X
ClientSampleId :
BOOM-030923

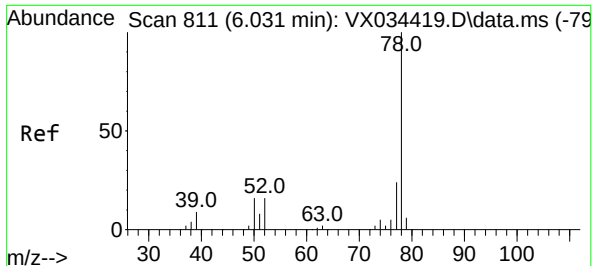
Tgt Ion:114 Resp: 404829
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 16.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.623 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

Tgt Ion:113 Resp: 124617
Ion Ratio Lower Upper
113 100
111 105.2 83.7 125.5
192 19.4 15.4 23.2





#40

Benzene

Concen: 0.946 ug/l

RT: 6.044 min Scan# 811

Delta R.T. 0.012 min

Lab File: VX034511.D

Acq: 15 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

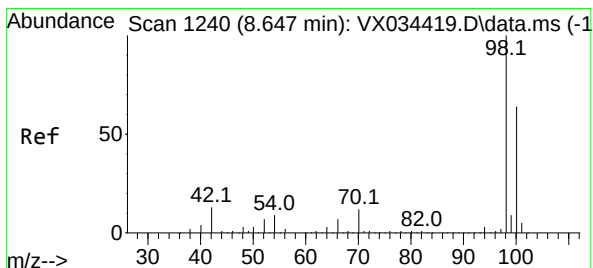
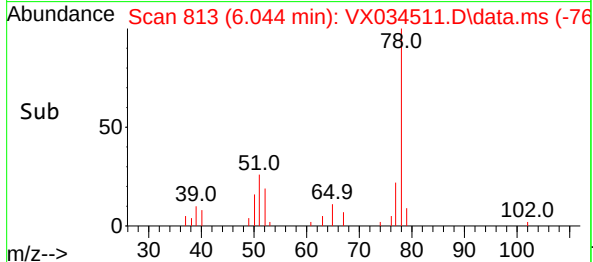
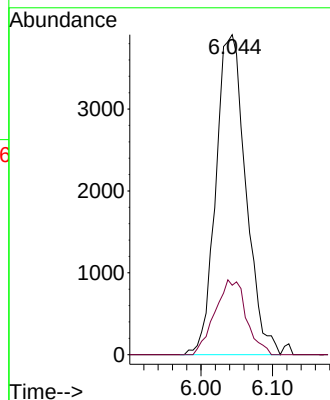
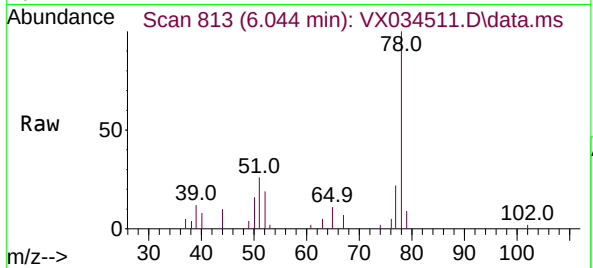
BOOM-030923

Tgt Ion: 78 Resp: 11358

Ion Ratio Lower Upper

78 100

77 21.7 19.0 28.4



#50

Toluene-d8

Concen: 49.226 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034511.D

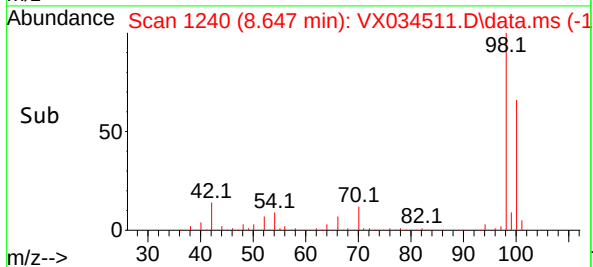
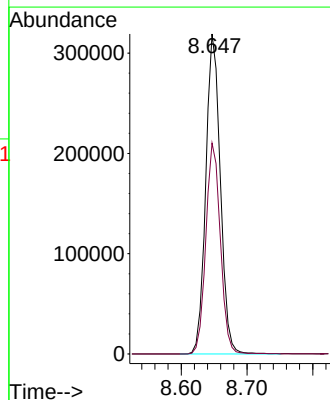
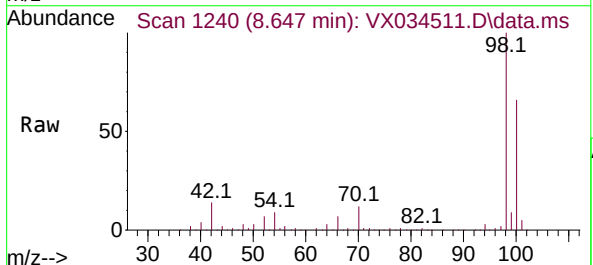
Acq: 15 Mar 2023 16:22

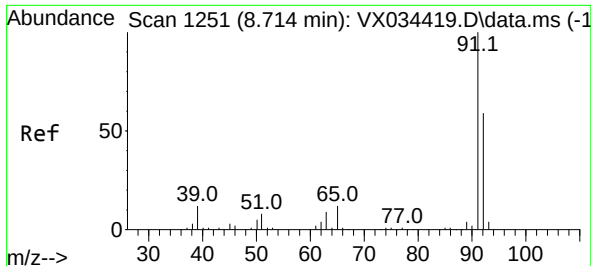
Tgt Ion: 98 Resp: 491178

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

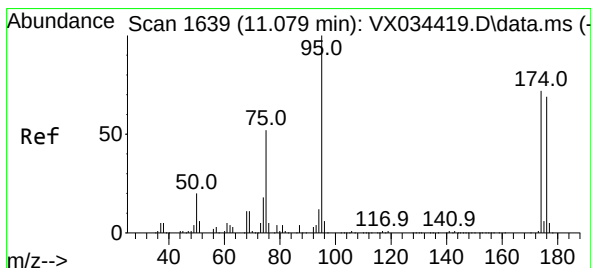
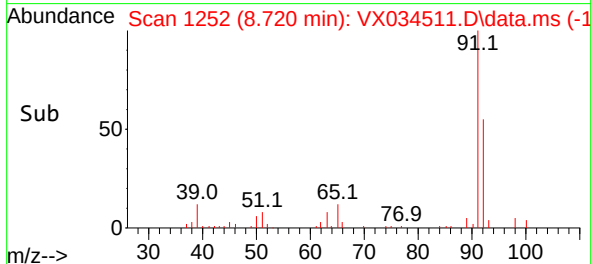
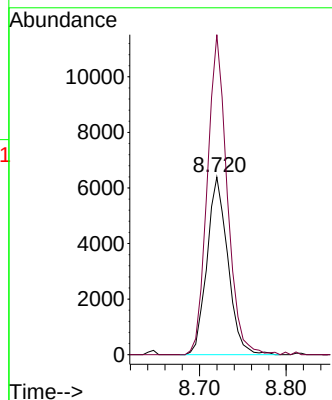
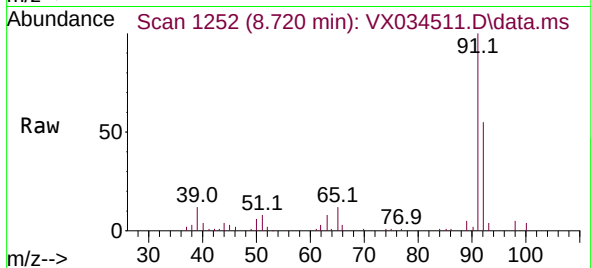




#52
Toluene
Concen: 1.438 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

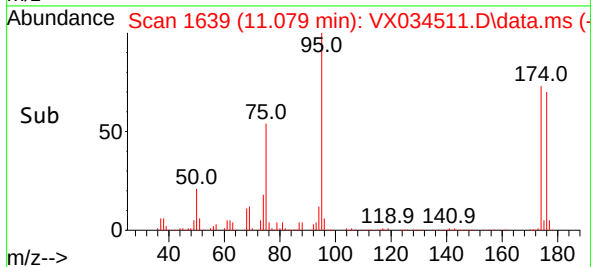
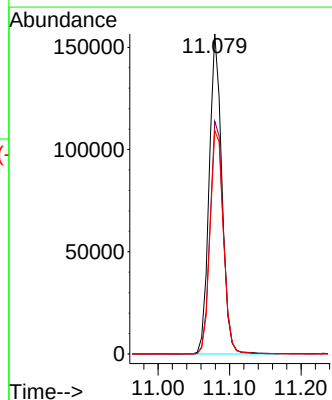
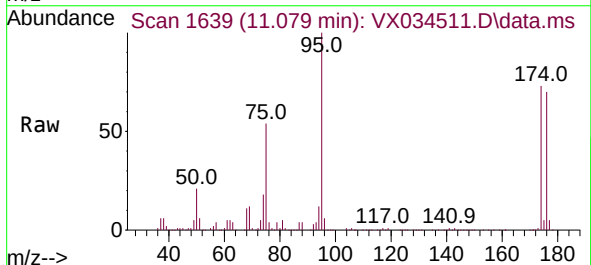
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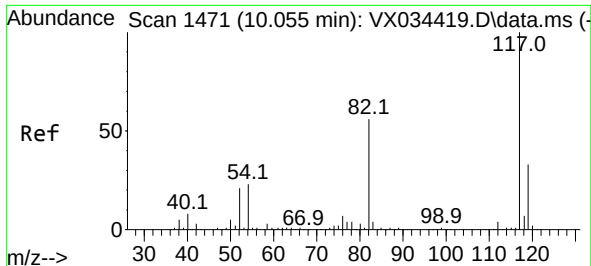
Tgt Ion: 92 Resp: 10692
Ion Ratio Lower Upper
92 100
91 171.8 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 47.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

Tgt Ion: 95 Resp: 193071
Ion Ratio Lower Upper
95 100
174 76.2 0.0 147.4
176 73.3 0.0 140.6

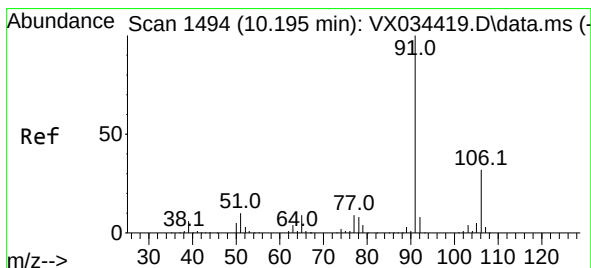
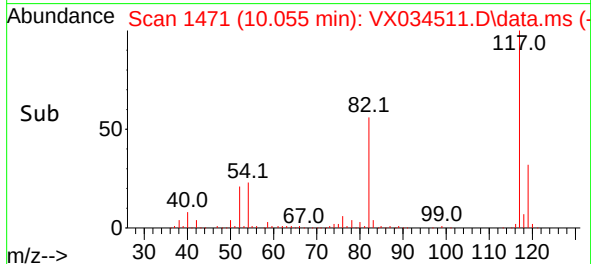
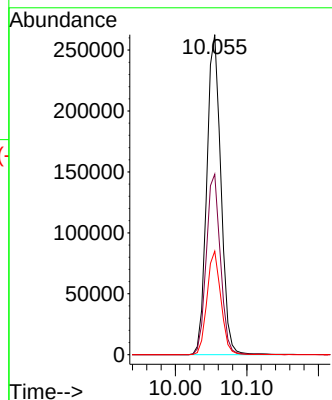
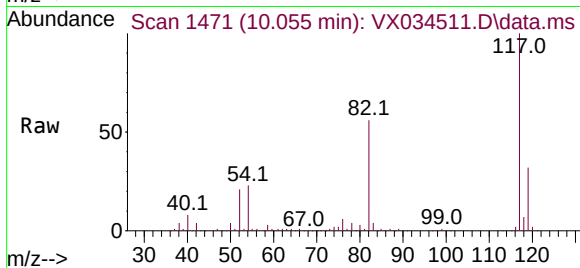




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

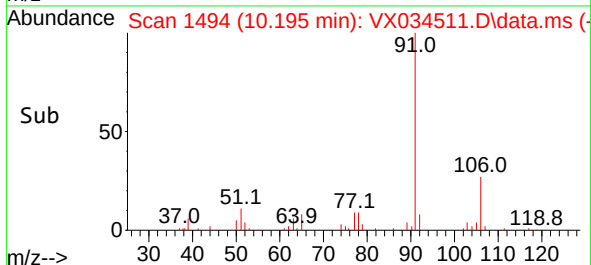
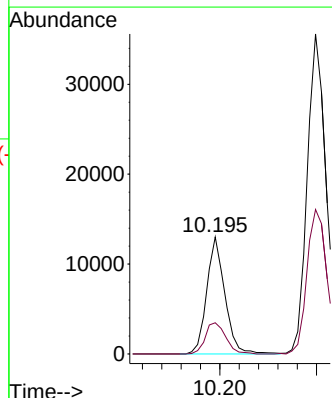
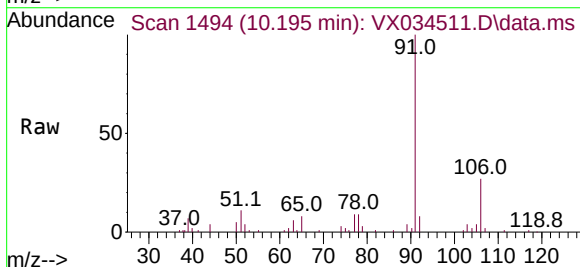
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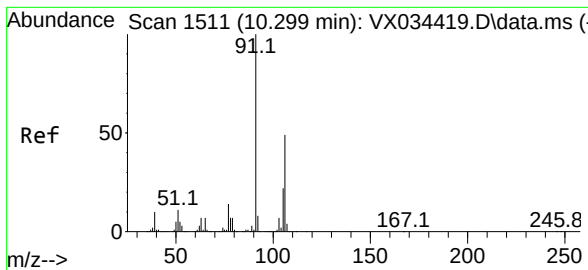
Tgt Ion:117 Resp: 360881
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.3 26.0 39.0



#67
Ethyl Benzene
Concen: 1.197 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

Tgt Ion: 91 Resp: 16963
Ion Ratio Lower Upper
91 100
106 26.7 25.6 38.4

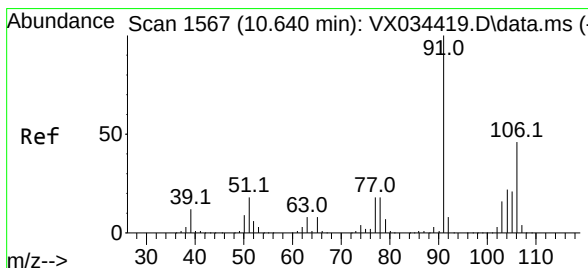
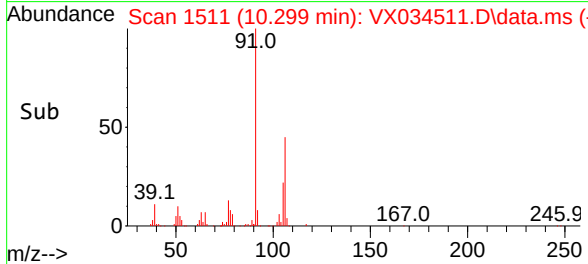
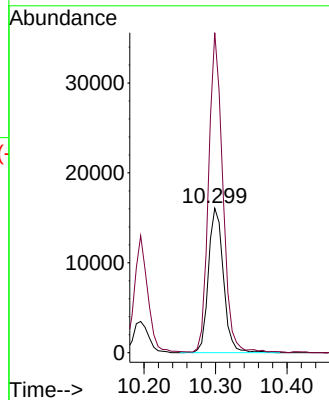
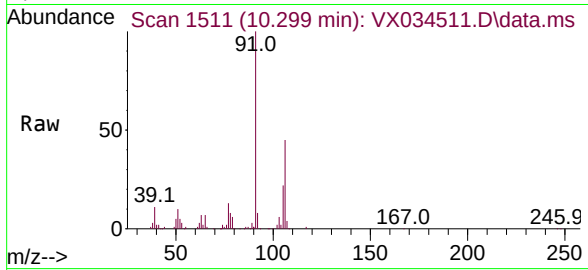




#68
m/p-Xylenes
Concen: 4.305 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

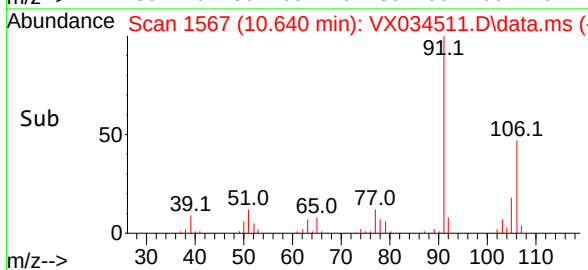
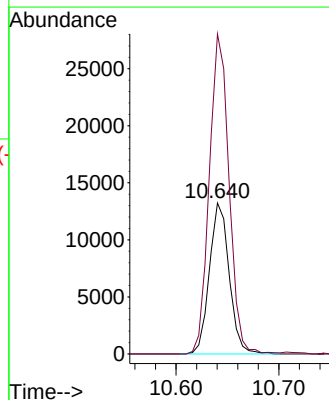
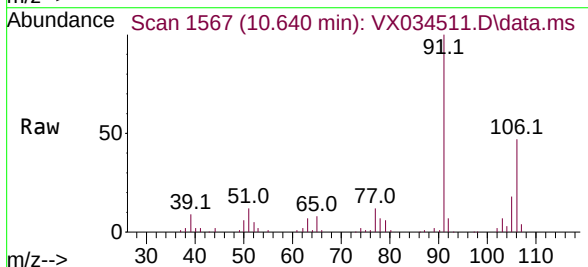
Instrument :
MSVOA_X
ClientSampleId :
BOOM-030923

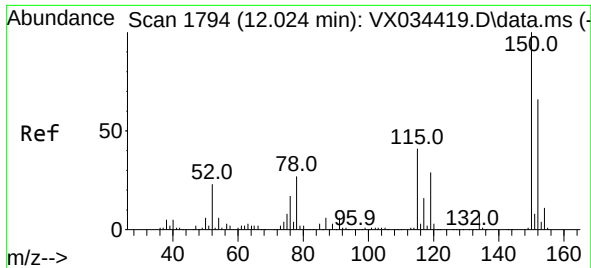
Tgt Ion:106 Resp: 23441
Ion Ratio Lower Upper
106 100
91 209.9 164.0 246.0



#69
o-Xylene
Concen: 3.234 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

Tgt Ion:106 Resp: 17670
Ion Ratio Lower Upper
106 100
91 211.5 108.5 325.3

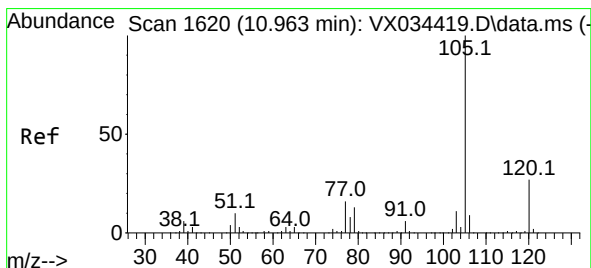
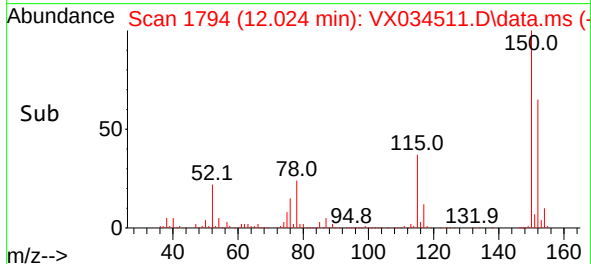
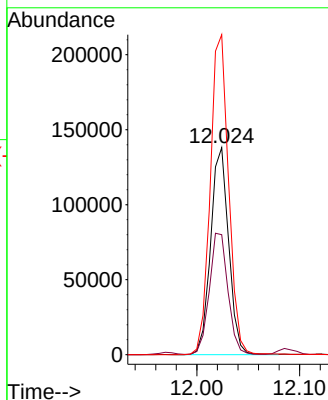
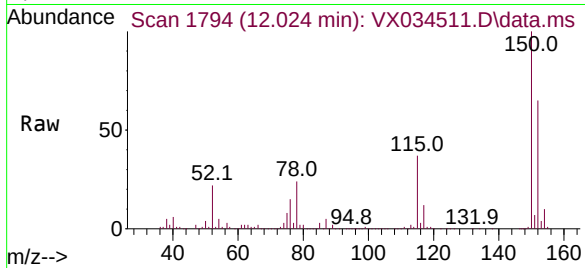




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

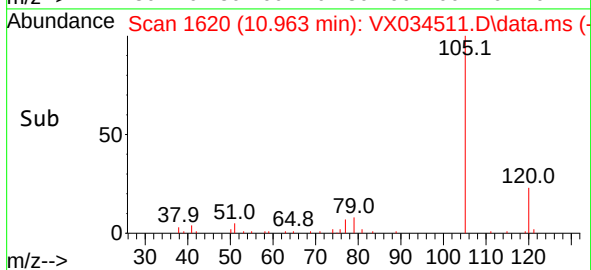
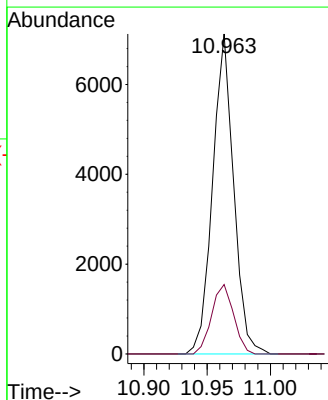
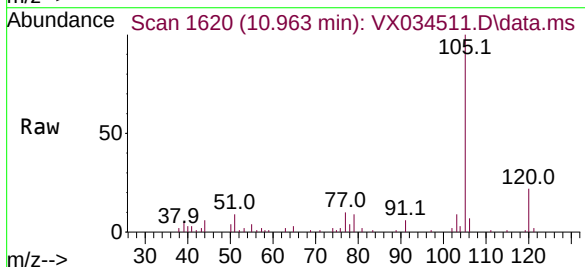
Instrument :
MSVOA_X
ClientSampleId :
BOOM-030923

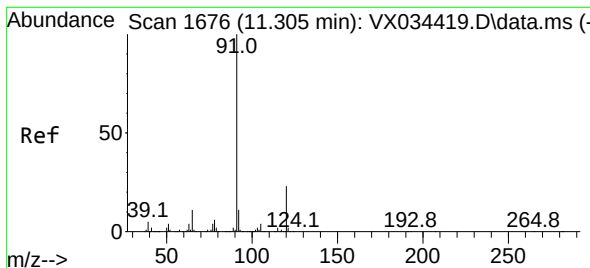
Tgt Ion:152 Resp: 167785
Ion Ratio Lower Upper
152 100
115 60.4 45.0 135.0
150 157.8 0.0 352.4



#73
Isopropylbenzene
Concen: 0.634 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

Tgt Ion:105 Resp: 8219
Ion Ratio Lower Upper
105 100
120 22.7 13.3 39.9





#78

n-propylbenzene

Concen: 1.892 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034511.D

Acq: 15 Mar 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

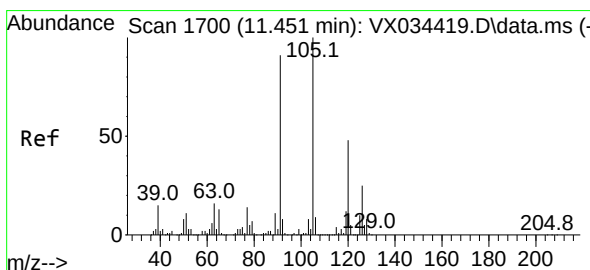
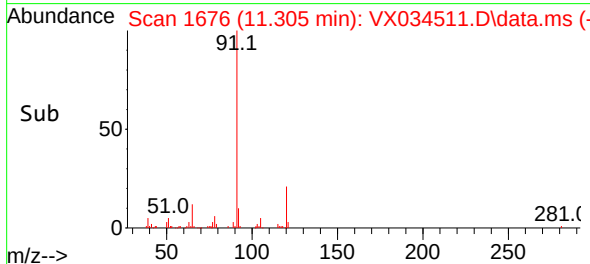
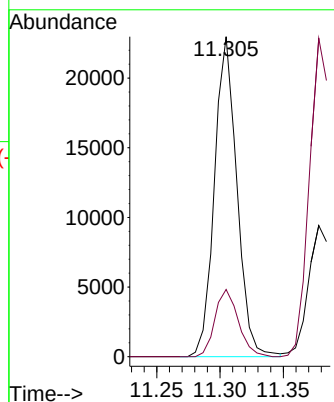
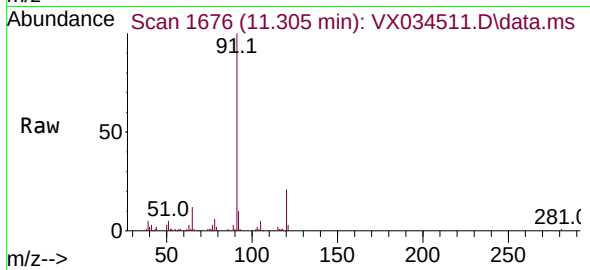
BOOM-030923

Tgt Ion: 91 Resp: 28336

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.5



#80

1,3,5-Trimethylbenzene

Concen: 3.873 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034511.D

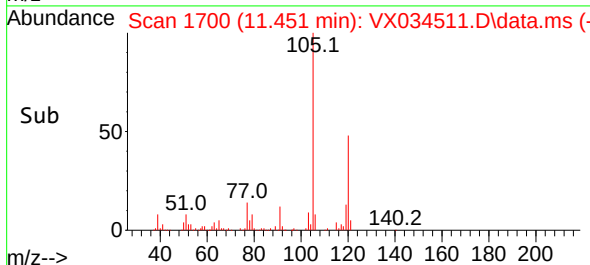
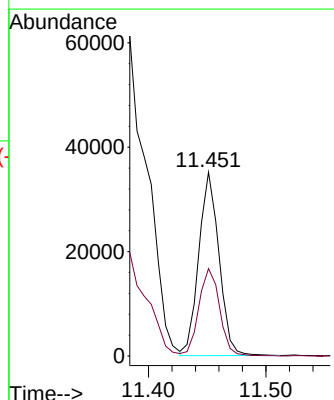
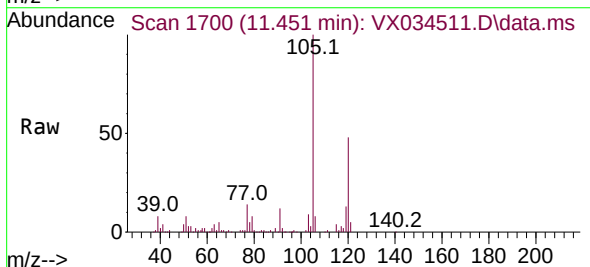
Acq: 15 Mar 2023 16:22

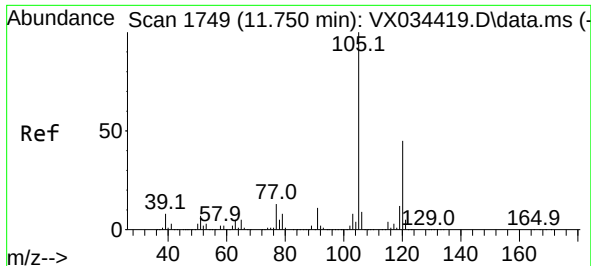
Tgt Ion: 105 Resp: 42128

Ion Ratio Lower Upper

105 100

120 48.9 23.7 71.1

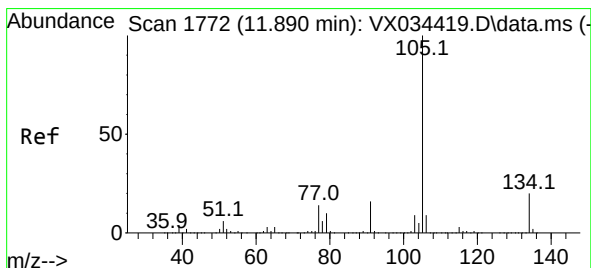
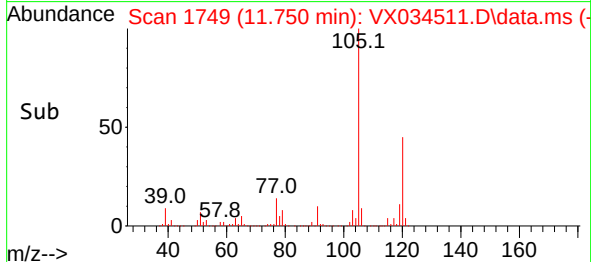
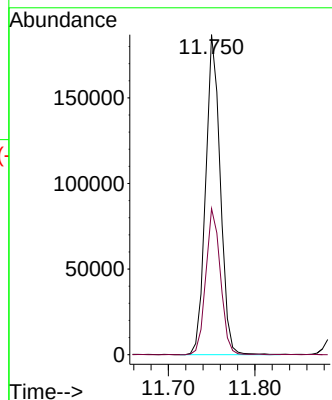
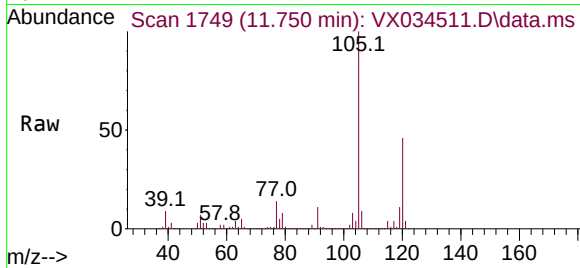




#84
1,2,4-Trimethylbenzene
Concen: 19.670 ug/l
RT: 11.750 min Scan# 11749
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

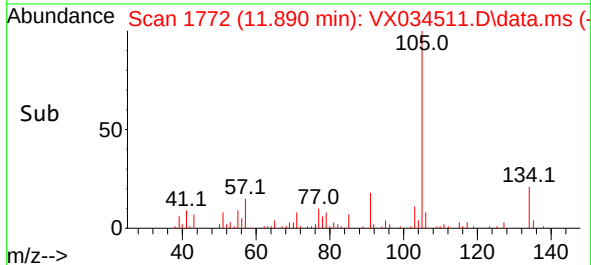
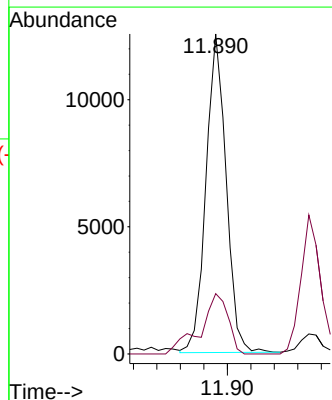
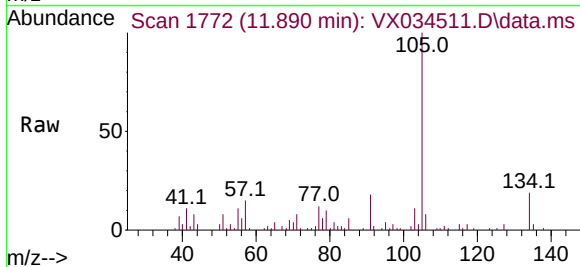
Instrument :
MSVOA_X
ClientSampleId :
BOOM-030923

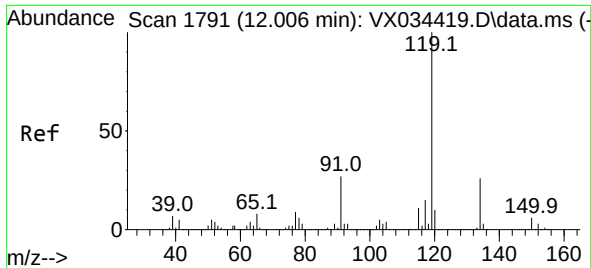
Tgt Ion:105 Resp: 218657
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.0



#85
sec-Butylbenzene
Concen: 1.110 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034511.D
Acq: 15 Mar 2023 16:22

Tgt Ion:105 Resp: 14878
Ion Ratio Lower Upper
105 100
134 25.9 10.2 30.4





#86
 p-Isopropyltoluene
 Concen: 0.967 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034511.D
 Acq: 15 Mar 2023 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 BOOM-030923

Tgt Ion:119 Resp: 10899
 Ion Ratio Lower Upper
 119 100
 134 30.1 13.2 39.5
 91 29.1 12.9 38.7

