

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024262.D
 Acq On : 15 Sep 2021 15:50
 Operator : JC/MD
 Sample : M3724-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33128

Quant Time: Sep 16 04:44:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

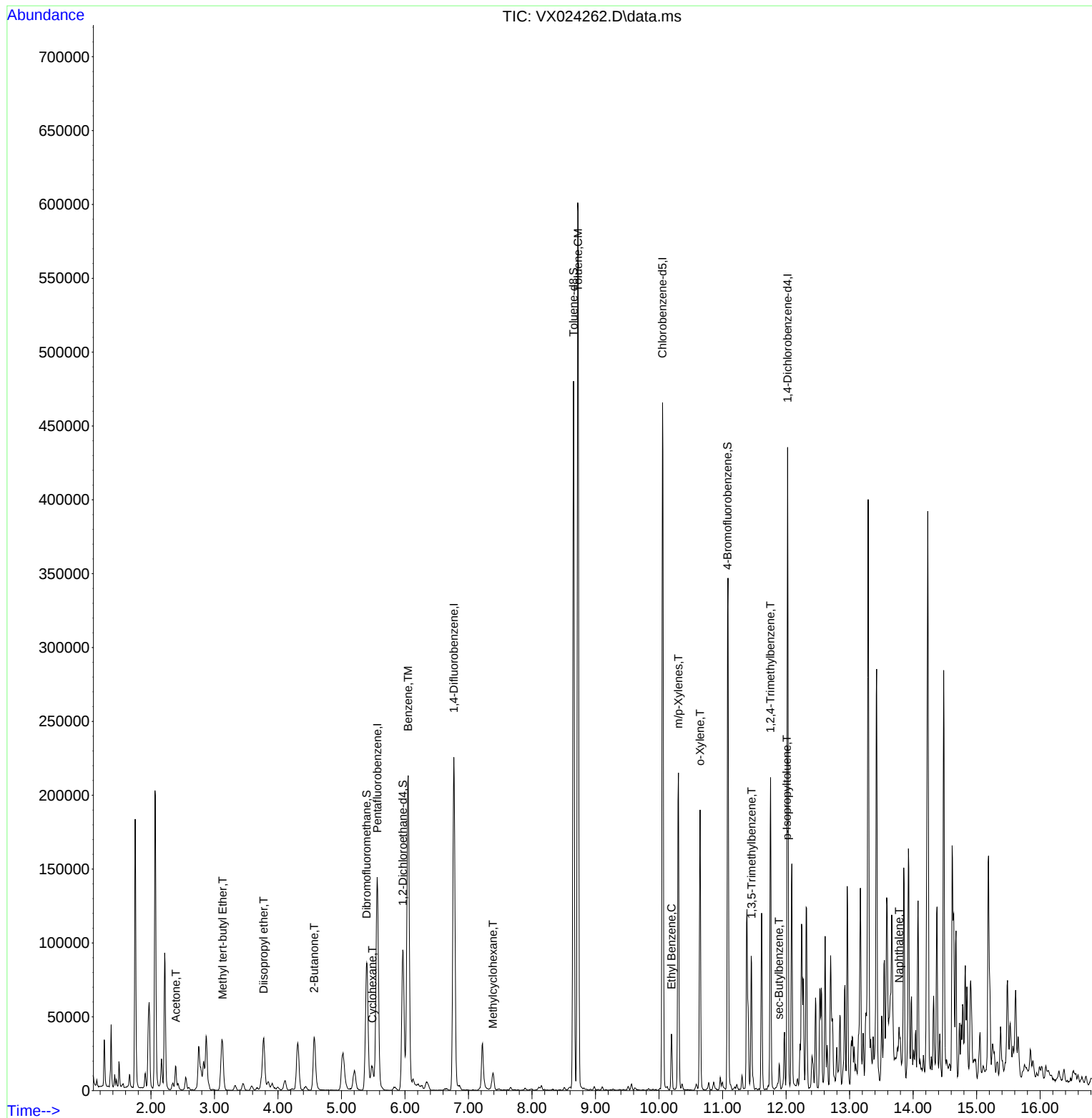
Internal Standards						
1) Pentafluorobenzene	5.562	168	133050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97308	51.289	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.580%	
35) Dibromofluoromethane	5.397	113	74770	49.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.960%	
50) Toluene-d8	8.653	98	278878	51.168	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	11.079	95	88623	41.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.560%	
Target Compounds						Qvalue
16) Acetone	2.392	43	17180	21.237	ug/l #	87
19) Methyl tert-butyl Ether	3.130	73	28930	6.417	ug/l #	88
22) Diisopropyl ether	3.776	45	35995	8.220	ug/l #	85
25) 2-Butanone	4.568	43	63404	53.213	ug/l	93
31) Cyclohexane	5.483	56	10859	4.893	ug/l	94
39) Methylcyclohexane	7.385	83	4911	2.006	ug/l #	86
40) Benzene	6.050	78	252344	42.897	ug/l	99
52) Toluene	8.726	92	224083	58.120	ug/l	98
67) Ethyl Benzene	10.195	91	20750	2.724	ug/l	99
68) m/p-Xylenes	10.305	106	47715	16.362	ug/l	95
69) o-Xylene	10.646	106	38879	13.356	ug/l	94
80) 1,3,5-Trimethylbenzene	11.457	105	38615	7.381	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	86642	16.835	ug/l	99
85) sec-Butylbenzene	11.890	105	8144	1.287	ug/l	86
86) p-Isopropyltoluene	12.012	119	6656	1.253	ug/l	91
95) Naphthalene	13.780	128	18704	4.346	ug/l #	89

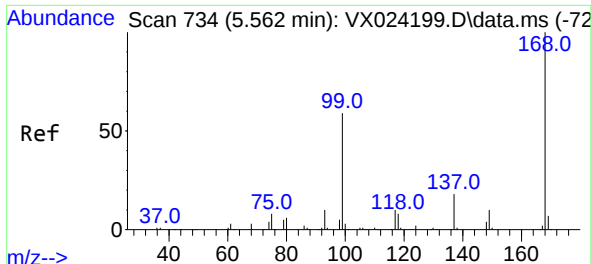
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
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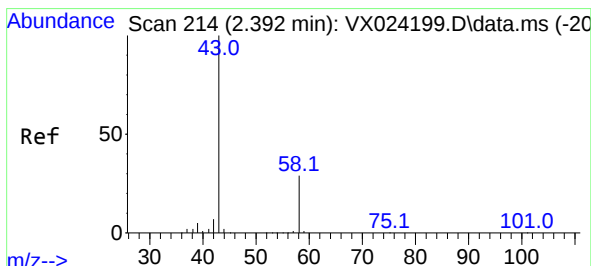
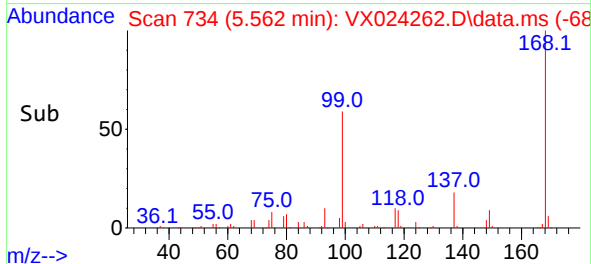
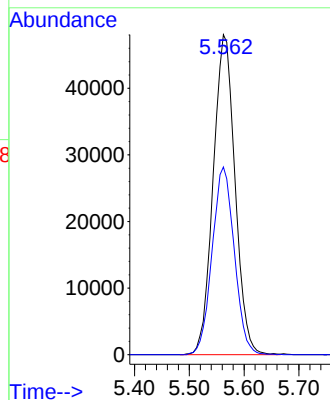
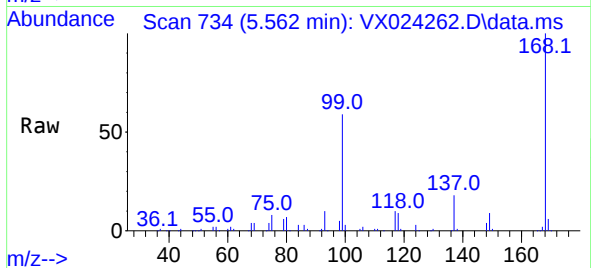




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

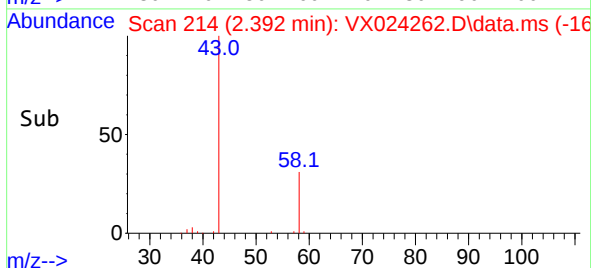
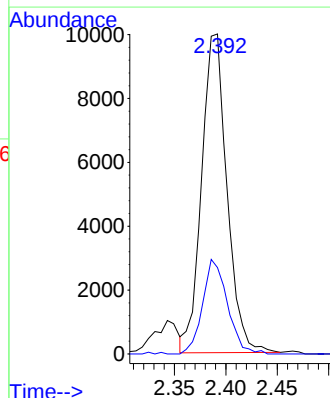
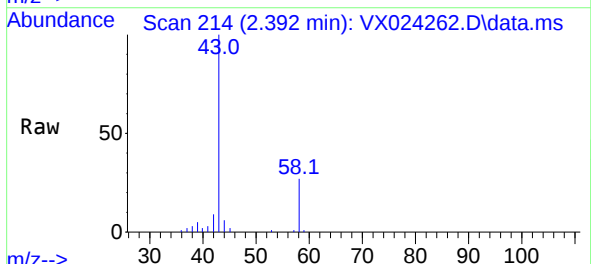
Instrument :
MSVOA_X
ClientSampled :
33128

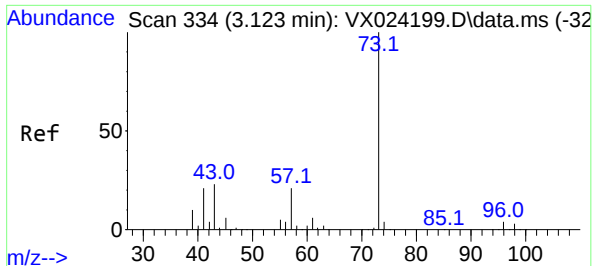
Tgt Ion:168 Resp: 133050
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#16
Acetone
Concen: 21.237 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion: 43 Resp: 17180
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#

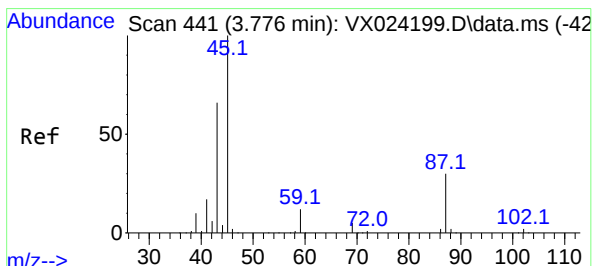
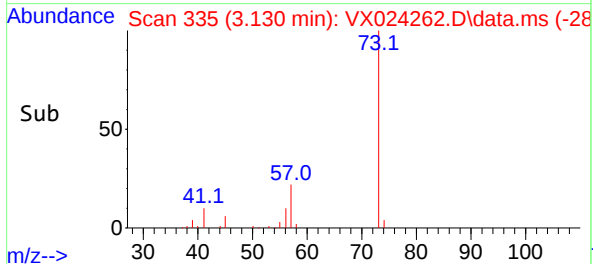
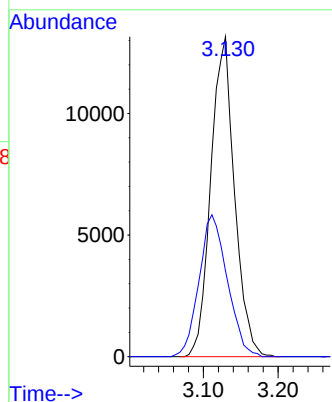
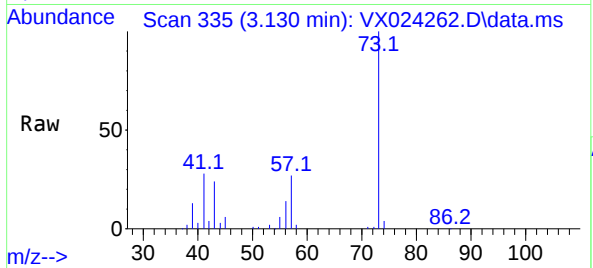




#19
Methyl tert-butyl Ether
Concen: 6.417 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.007 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

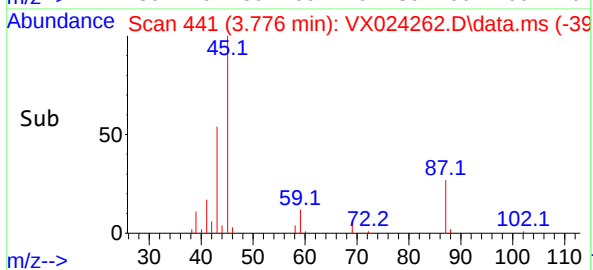
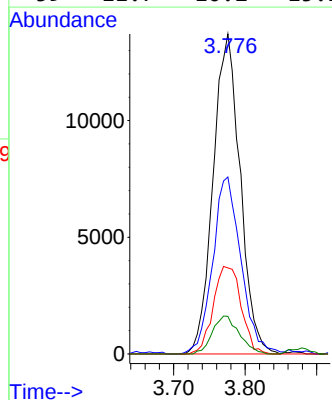
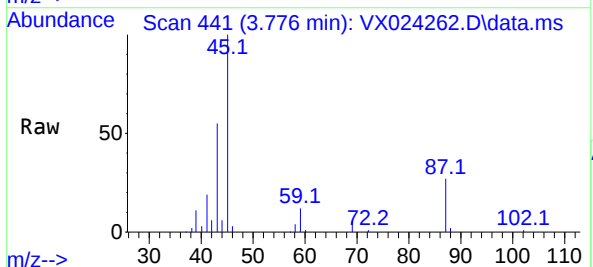
Instrument :
MSVOA_X
ClientSampleId :
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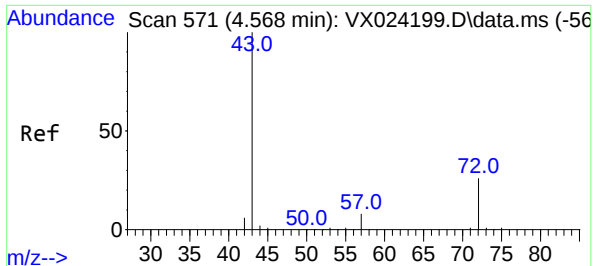
Tgt Ion: 73 Resp: 28930
Ion Ratio Lower Upper
73 100
57 26.9 17.1 25.7#



#22
Diisopropyl ether
Concen: 8.220 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion: 45 Resp: 35995
Ion Ratio Lower Upper
45 100
43 55.3 58.0 87.0#
87 26.9 25.4 38.0
59 11.7 10.2 15.2

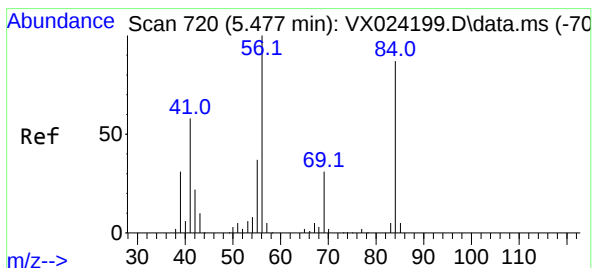
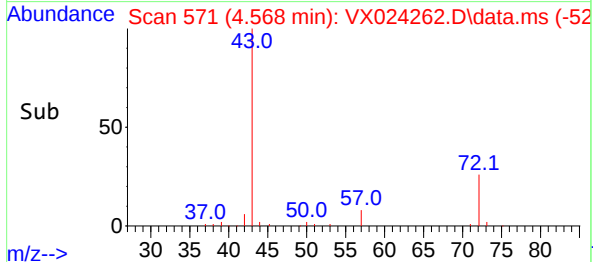
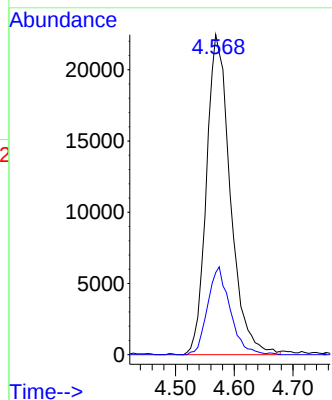
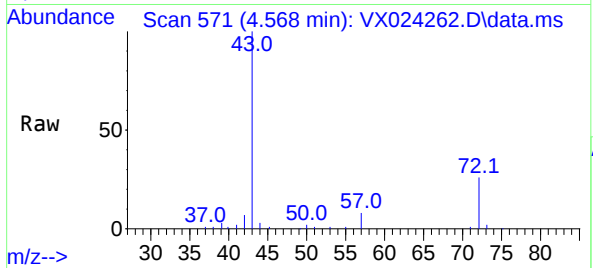




#25
2-Butanone
Concen: 53.213 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

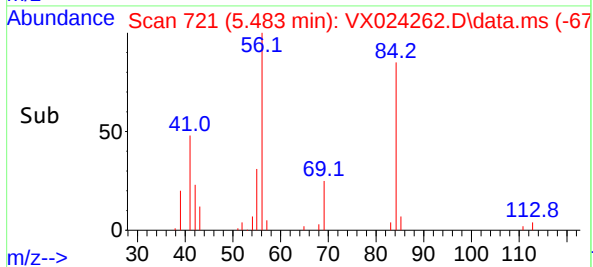
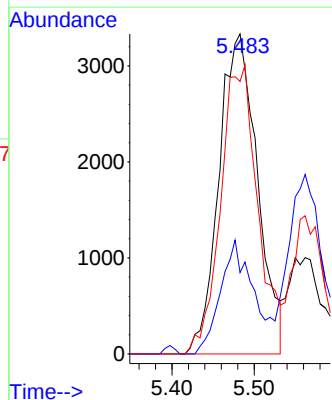
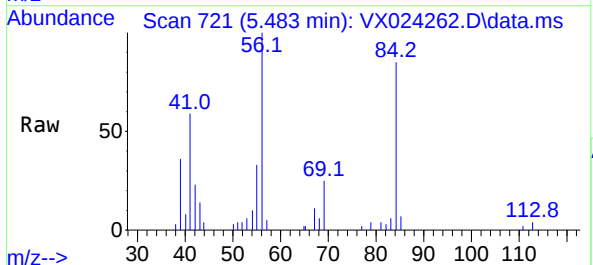
Instrument :
MSVOA_X
ClientSampled :
33128

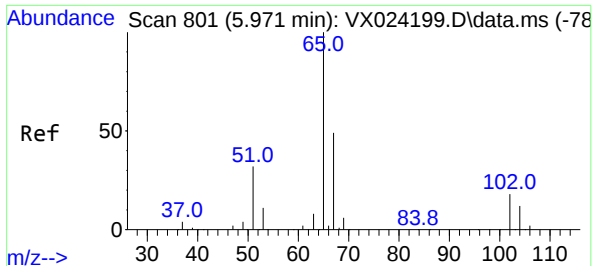
Tgt Ion: 43 Resp: 63404
Ion Ratio Lower Upper
43 100
72 25.7 23.7 35.5



#31
Cyclohexane
Concen: 4.893 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion: 56 Resp: 10859
Ion Ratio Lower Upper
56 100
69 25.4 25.3 37.9
84 85.2 71.4 107.0



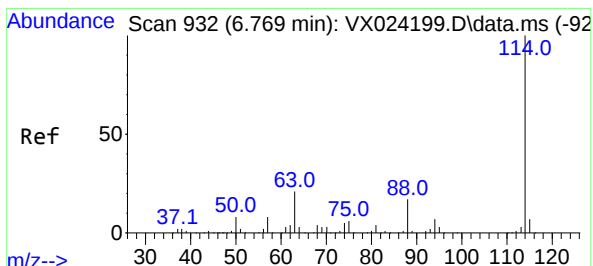
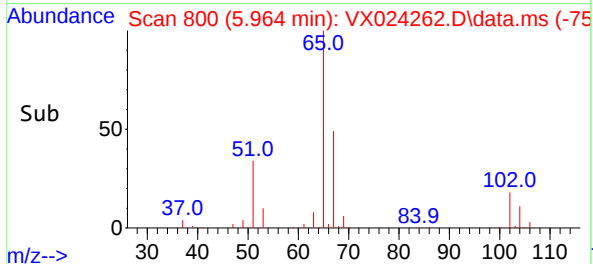
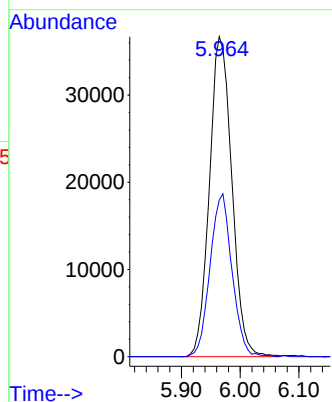
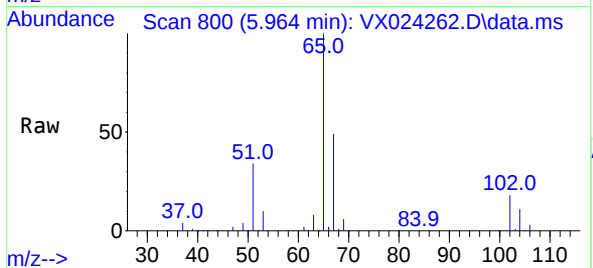


#33

1,2-Dichloroethane-d4
Concen: 51.289 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Instrument :
MSVOA_X
ClientSampled :
33128

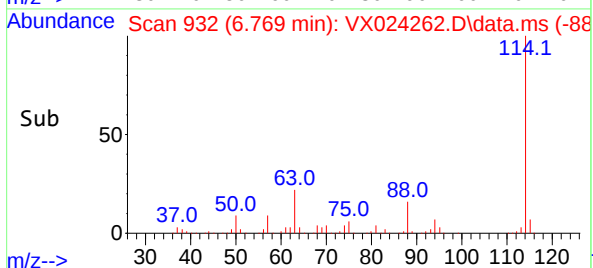
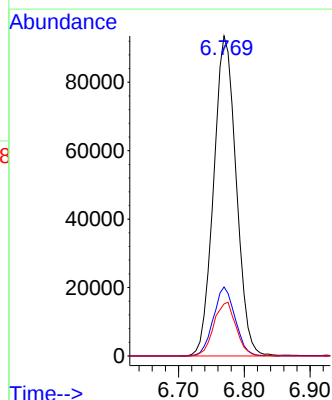
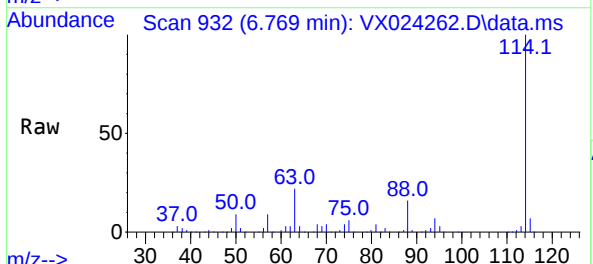
Tgt Ion: 65 Resp: 97308
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

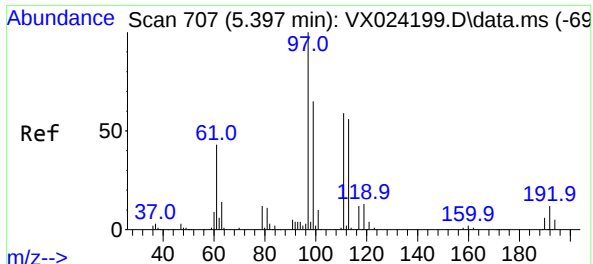


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion: 114 Resp: 223084
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.2 0.0 32.8

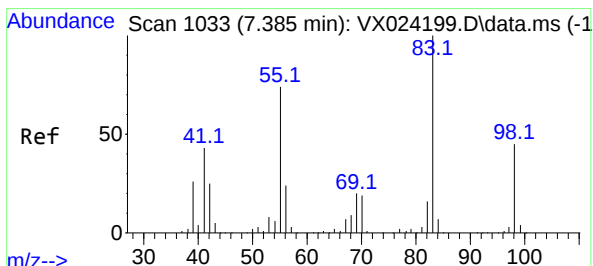
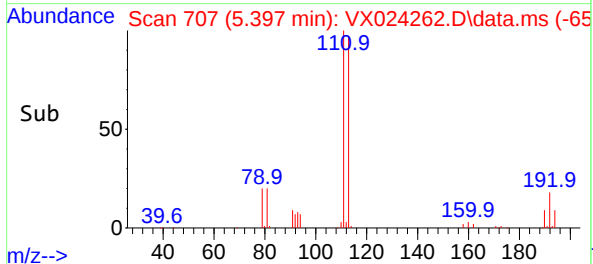
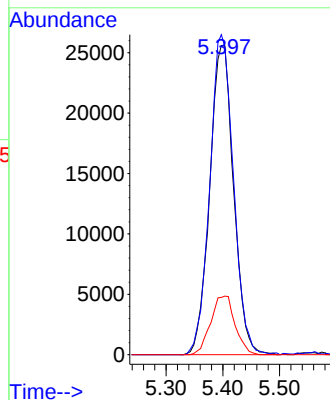
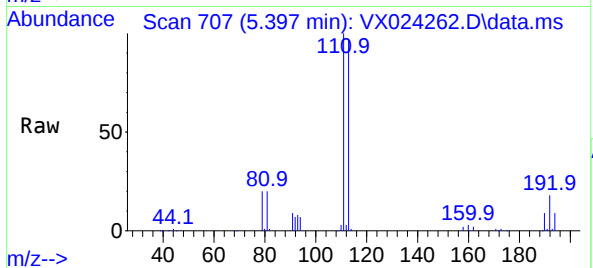




#35
Dibromofluoromethane
Concen: 49.977 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

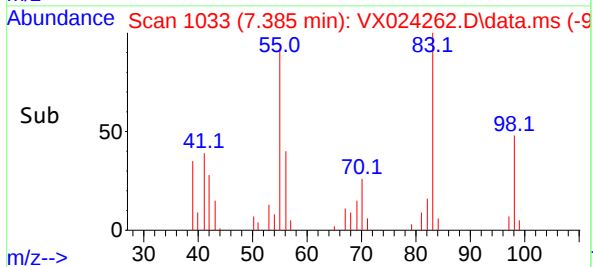
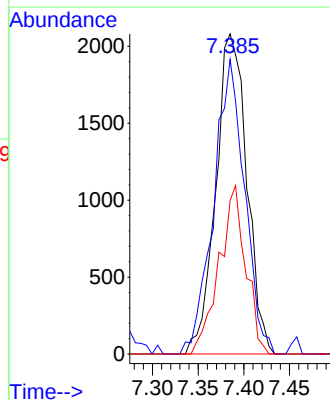
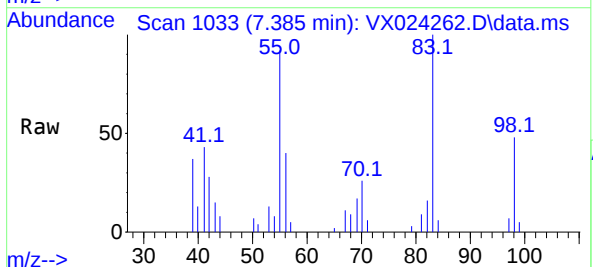
Instrument :
MSVOA_X
ClientSampleId :
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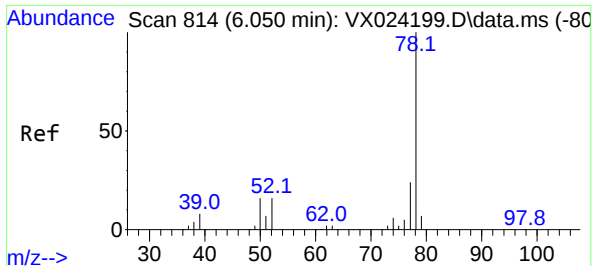
Tgt Ion:113 Resp: 74770
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.4 16.7 25.1



#39
Methylcyclohexane
Concen: 2.006 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion: 83 Resp: 4911
Ion Ratio Lower Upper
83 100
55 92.1 58.9 88.3#
98 48.0 38.1 57.1

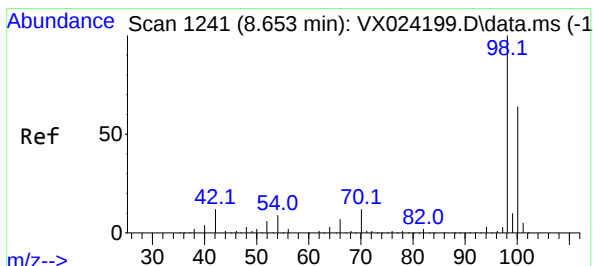
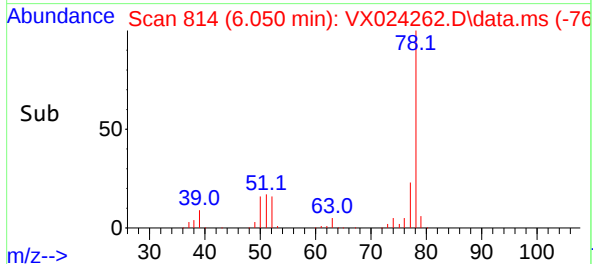
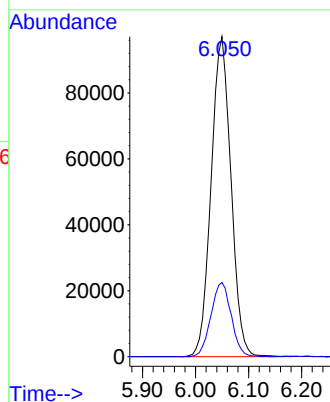
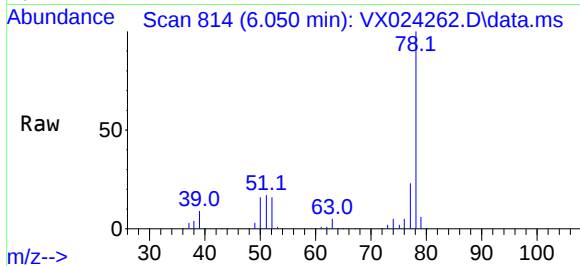




#40
Benzene
Concen: 42.897 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

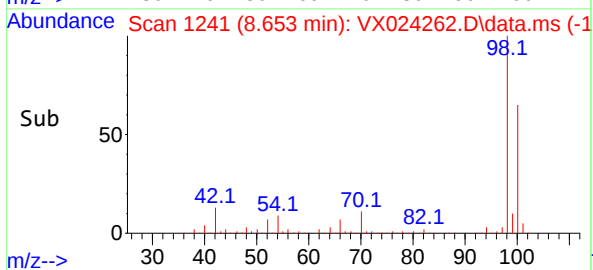
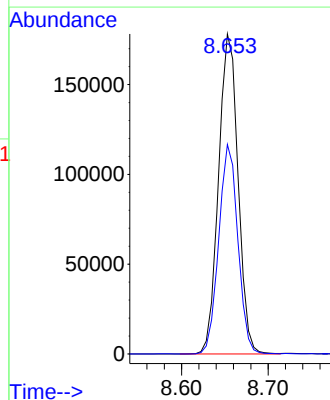
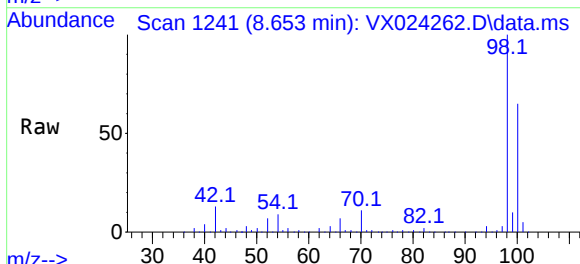
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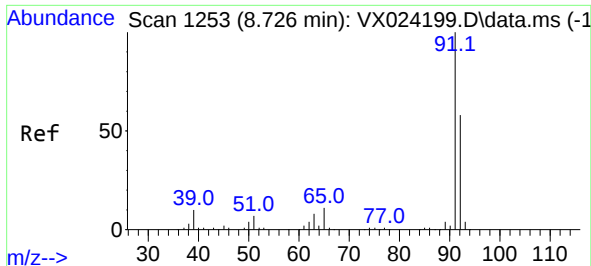
Tgt Ion: 78 Resp: 252344
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3



#50
Toluene-d8
Concen: 51.168 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion: 98 Resp: 278878
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

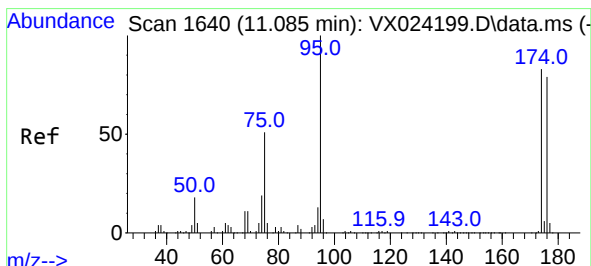
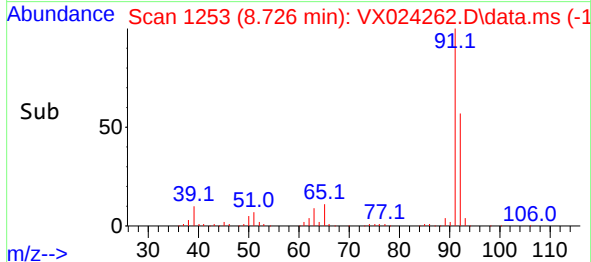
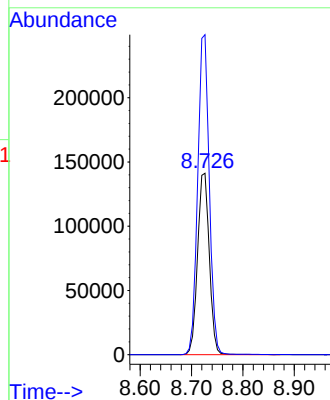
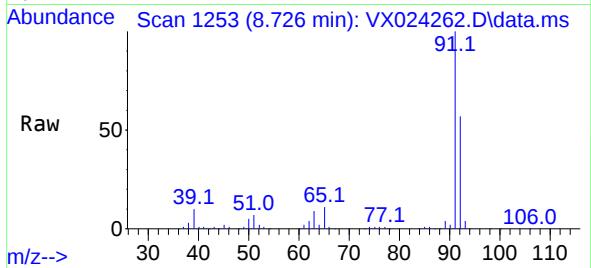




#52
Toluene
Concen: 58.120 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

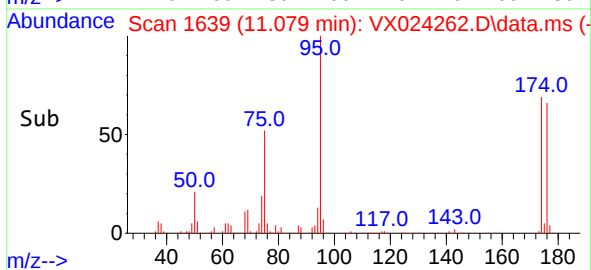
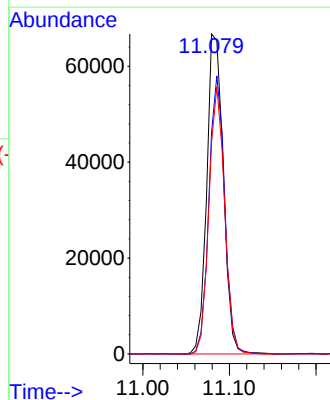
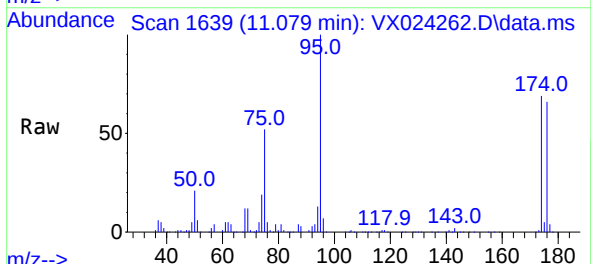
Instrument :
MSVOA_X
ClientSampled :
33128

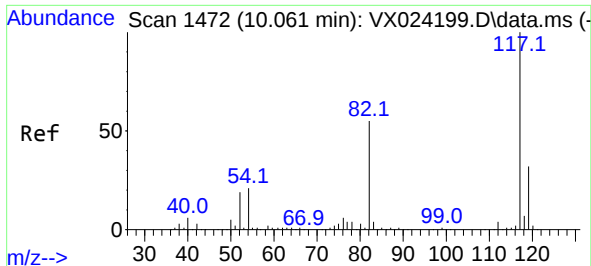
Tgt Ion: 92 Resp: 224083
Ion Ratio Lower Upper
92 100
91 173.6 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 41.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion: 95 Resp: 88623
Ion Ratio Lower Upper
95 100
174 82.9 0.0 154.6
176 78.8 0.0 155.8

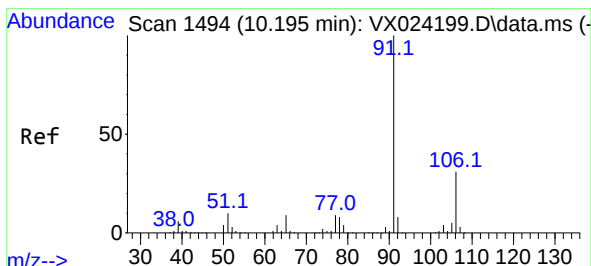
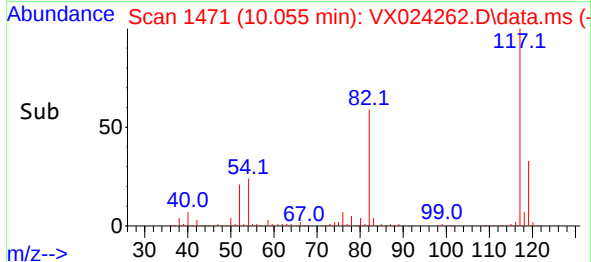
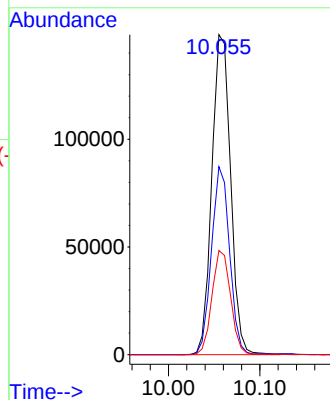
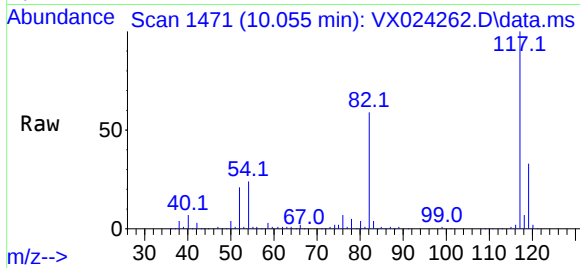




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

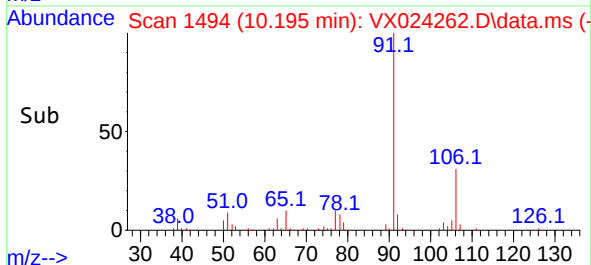
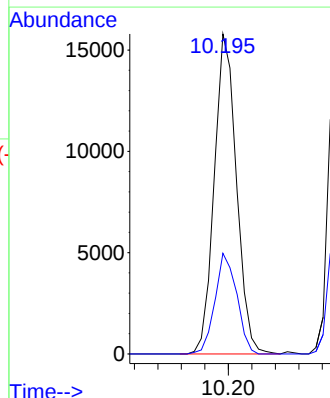
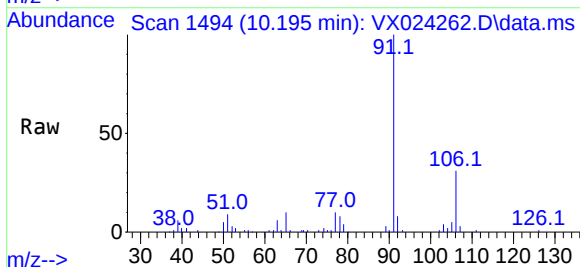
Instrument :
MSVOA_X
ClientSampled :
33128

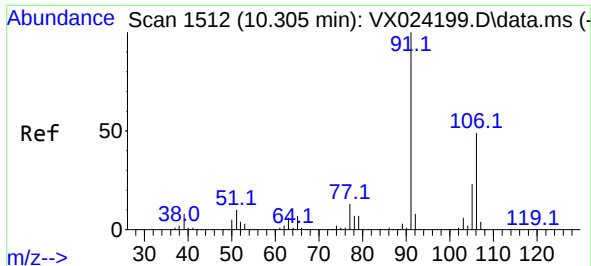
Tgt Ion:117 Resp: 211647
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 32.6 26.6 39.8



#67
Ethyl Benzene
Concen: 2.724 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion: 91 Resp: 20750
Ion Ratio Lower Upper
91 100
106 31.5 24.6 37.0

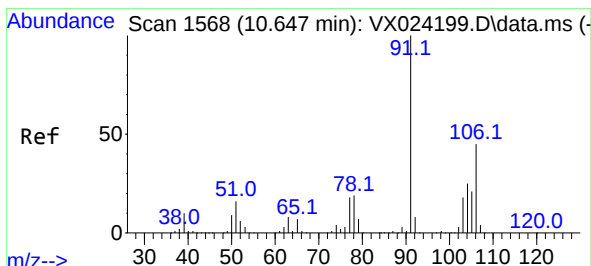
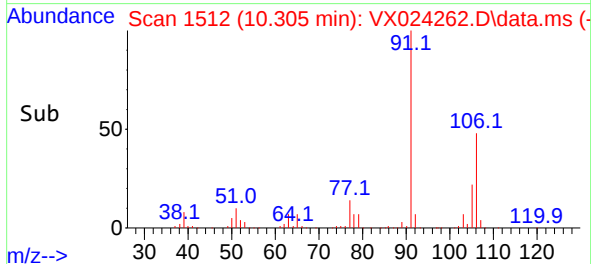
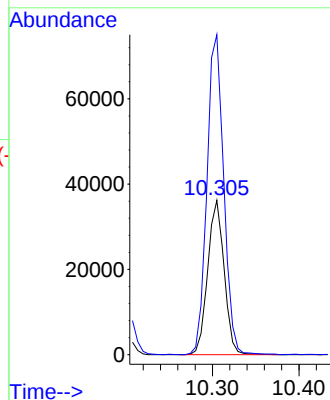
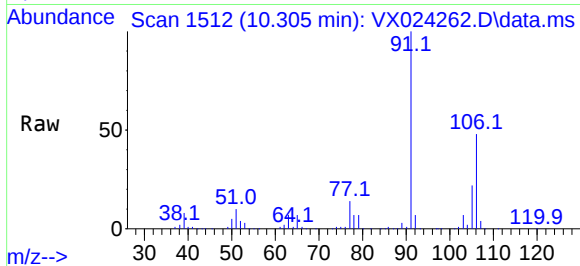




#68
m/p-Xylenes
Concen: 16.362 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

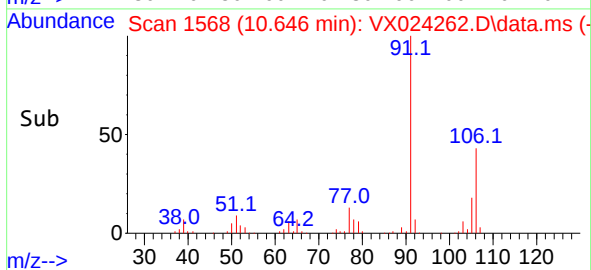
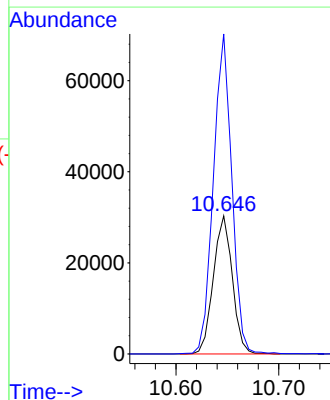
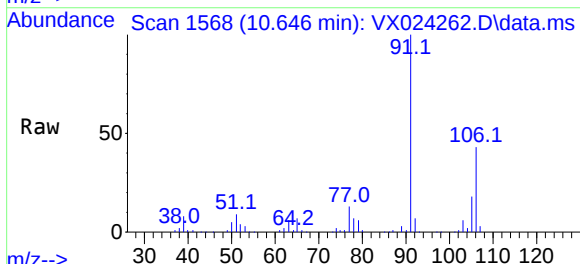
Instrument :
MSVOA_X
ClientSampled :
33128

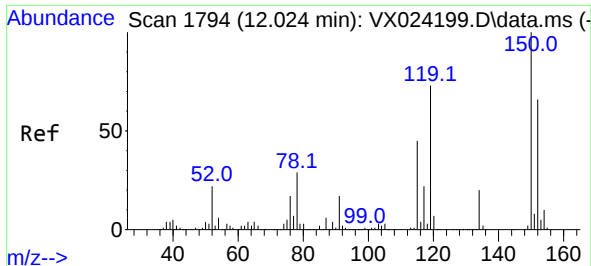
Tgt Ion:106 Resp: 47715
Ion Ratio Lower Upper
106 100
91 211.6 162.8 244.2



#69
o-Xylene
Concen: 13.356 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion:106 Resp: 38879
Ion Ratio Lower Upper
106 100
91 225.0 108.1 324.2

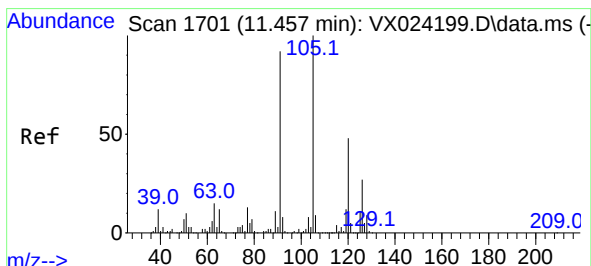
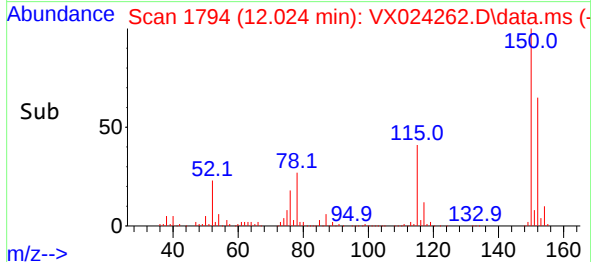
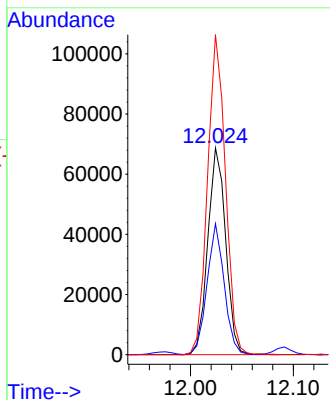
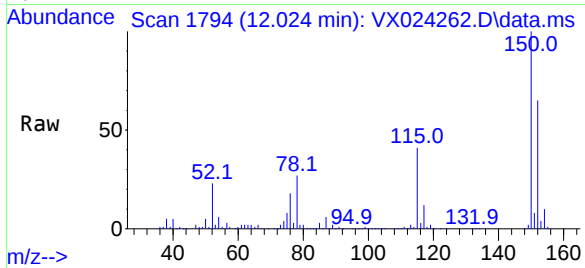




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

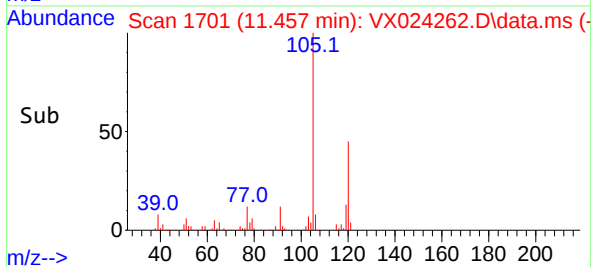
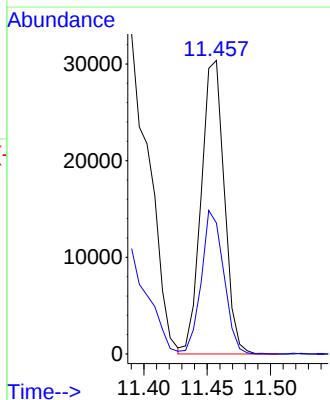
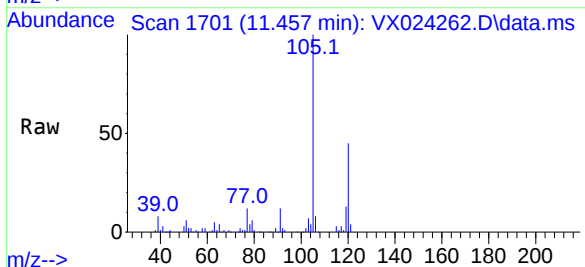
Instrument :
MSVOA_X
ClientSampled :
33128

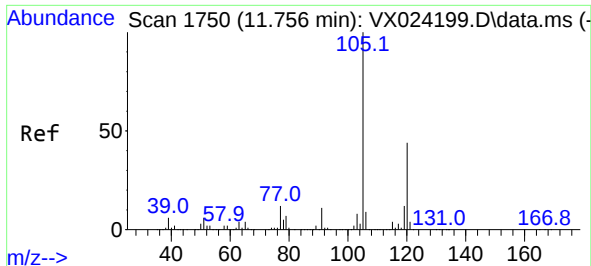
Tgt Ion:152 Resp: 83347
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 154.7 0.0 349.0



#80
1,3,5-Trimethylbenzene
Concen: 7.381 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion:105 Resp: 38615
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.5

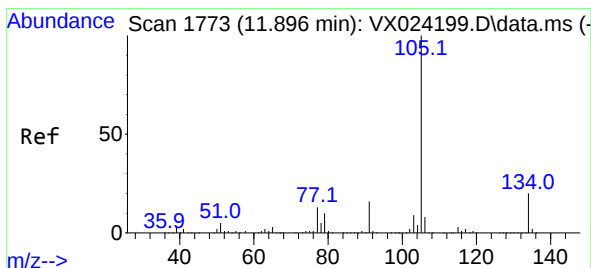
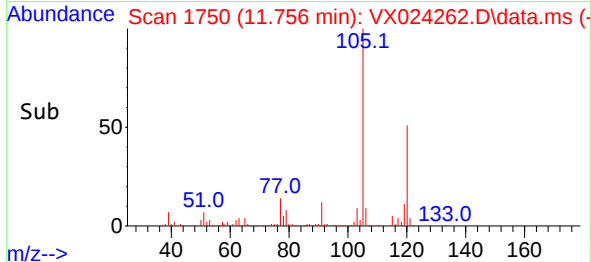
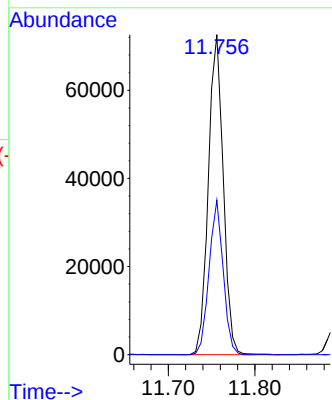
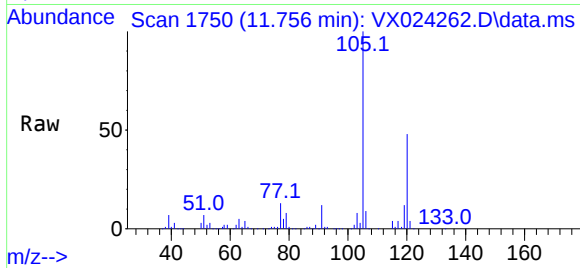




#84
1,2,4-Trimethylbenzene
Concen: 16.835 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

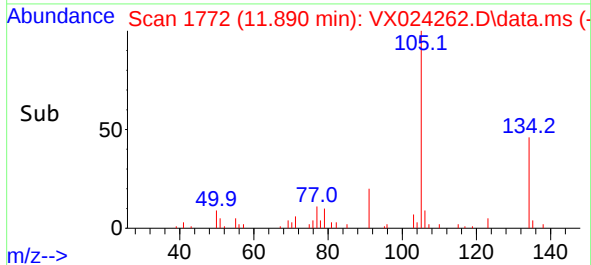
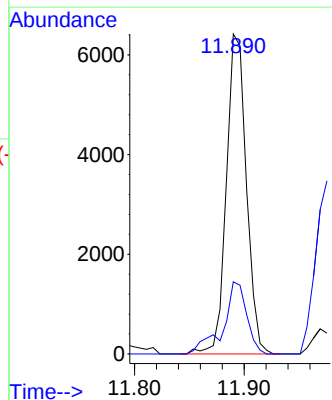
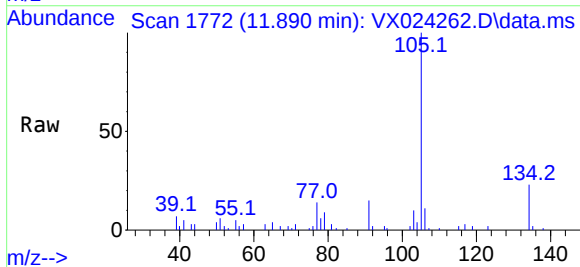
Instrument :
MSVOA_X
ClientSampleId :
33128

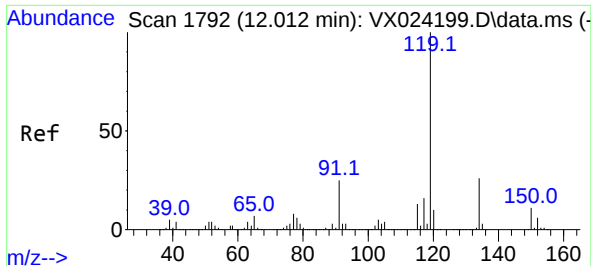
Tgt Ion:105 Resp: 86642
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.3



#85
sec-Butylbenzene
Concen: 1.287 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion:105 Resp: 8144
Ion Ratio Lower Upper
105 100
134 26.5 10.0 29.8

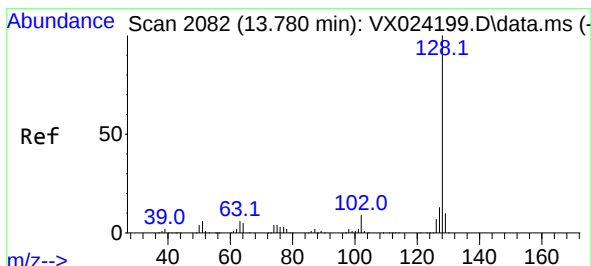
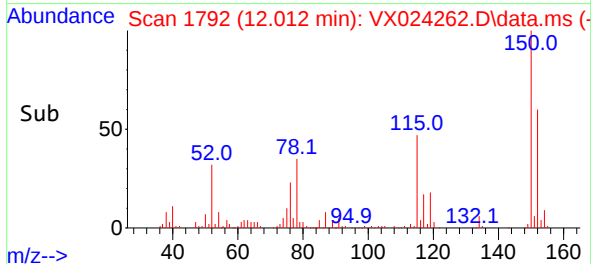
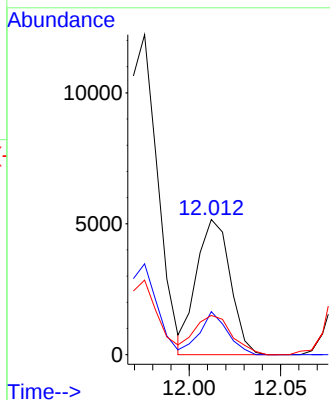
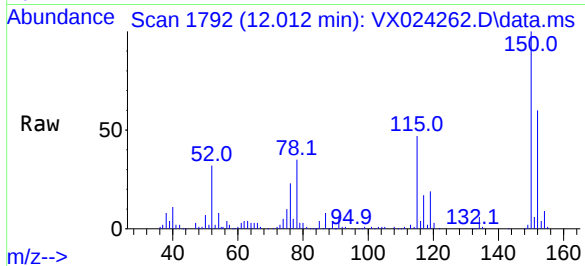




#86
p-Isopropyltoluene
Concen: 1.253 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Instrument :
MSVOA_X
ClientSampled :
33128

Tgt Ion:119 Resp: 6656
Ion Ratio Lower Upper
119 100
134 26.2 12.9 38.7
91 32.2 11.7 35.0



#95
Naphthalene
Concen: 4.346 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024262.D
Acq: 15 Sep 2021 15:50

Tgt Ion:128 Resp: 18704
Ion Ratio Lower Upper
128 100
127 15.5 10.3 15.5
129 17.3 8.8 13.2#

