

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025338.D
 Acq On : 24 Nov 2021 19:42
 Operator : JC/MD
 Sample : M4838-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 211123015-01-VOA

Quant Time: Nov 26 10:39:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

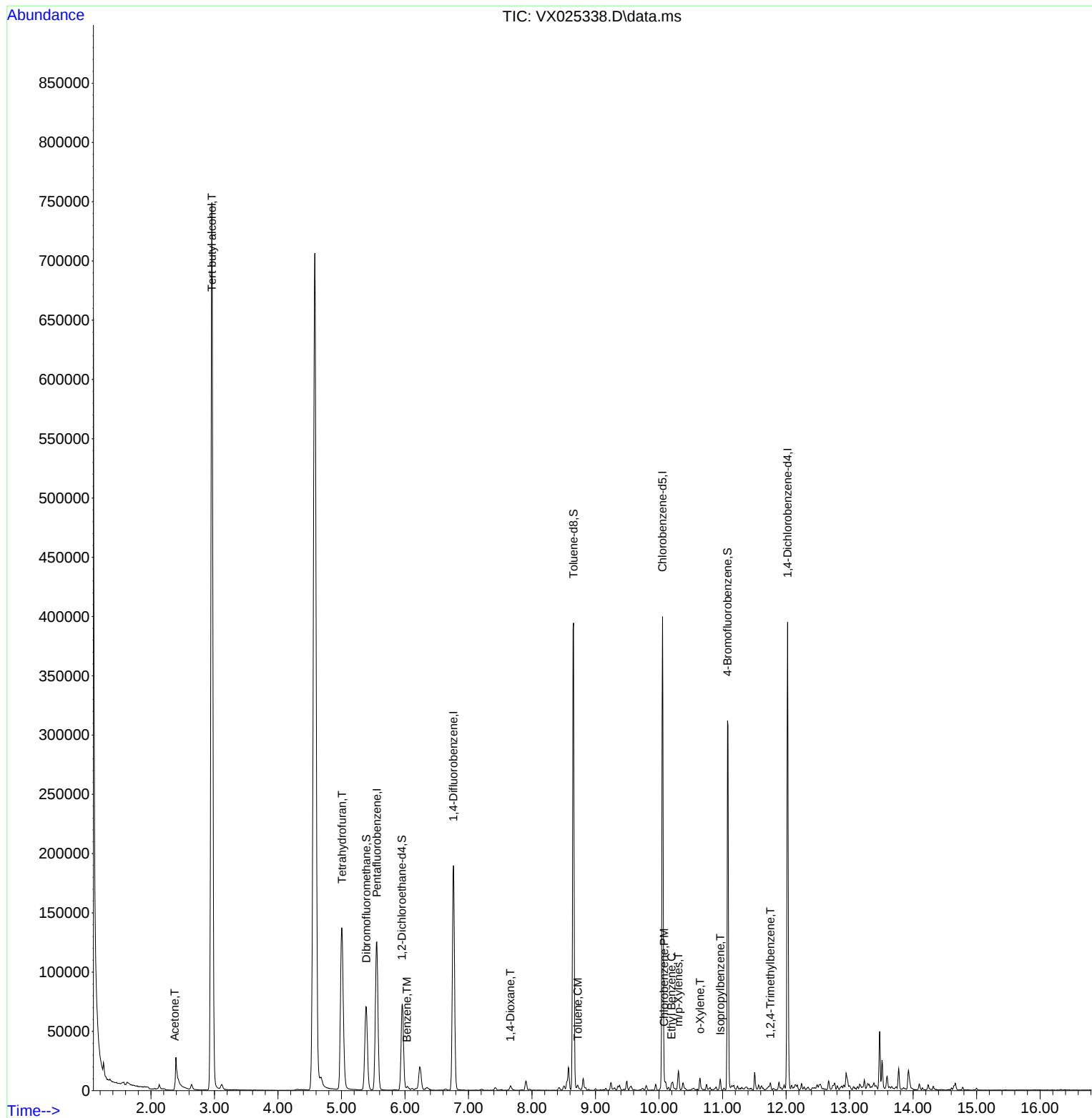
Internal Standards						
1) Pentafluorobenzene	5.556	168	131258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68792	49.721	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.440%		
35) Dibromofluoromethane	5.391	113	62005	48.638	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.280%		
50) Toluene-d8	8.653	98	237364	49.522	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	83615	46.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.220%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	925712	2795.927	ug/l	99
16) Acetone	2.374	43	3352	4.360	ug/l	95
29) Tetrahydrofuran	5.007	42	132364	192.330	ug/l	98
40) Benzene	6.031	78	3461	0.630	ug/l	95
49) 1,4-Dioxane	7.659	88	2860	84.075	ug/l	95
52) Toluene	8.720	92	1144	0.319	ug/l	90
65) Chlorobenzene	10.079	112	1528	0.404	ug/l	91
67) Ethyl Benzene	10.195	91	3143	0.481	ug/l	93
68) m/p-Xylenes	10.305	106	3190	1.194	ug/l	98
69) o-Xylene	10.646	106	2482	0.949	ug/l	85
73) Isopropylbenzene	10.963	105	4394	0.720	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	2445	0.482	ug/l	94

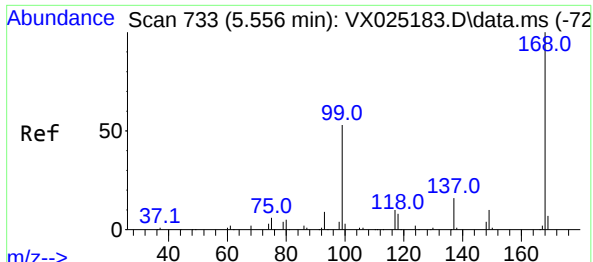
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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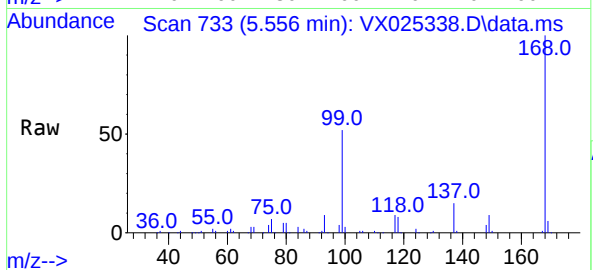
Quant Time: Nov 26 10:39:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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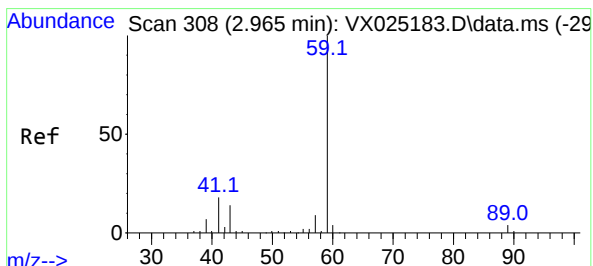
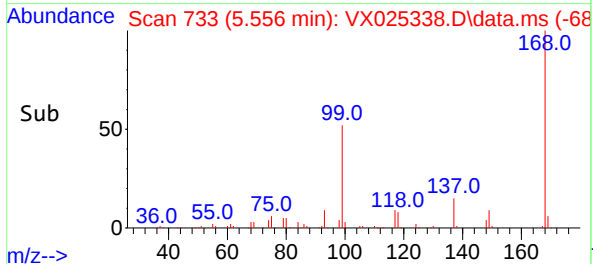
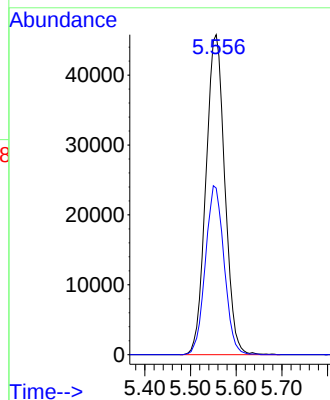


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Instrument :
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ClientSampleId :
211123015-01-VOA

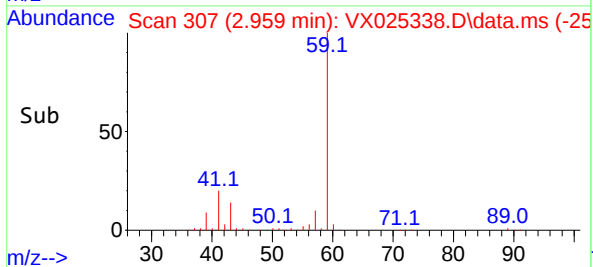
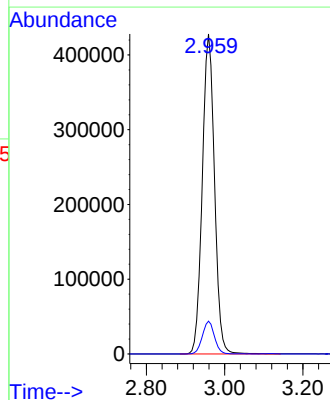
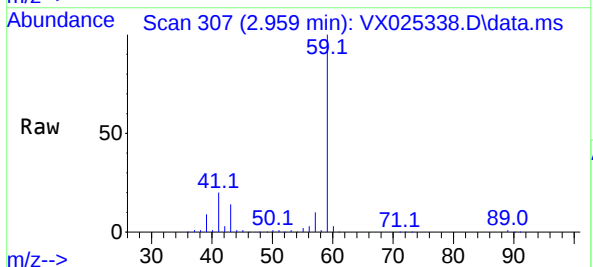


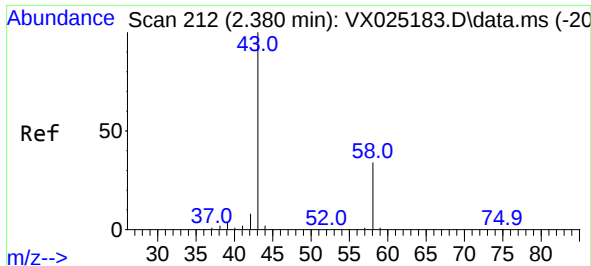
Tgt Ion:168 Resp: 131258
Ion Ratio Lower Upper
168 100
99 52.1 46.4 69.6



#11
Tert butyl alcohol
Concen: 2795.927 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Tgt Ion: 59 Resp: 925712
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

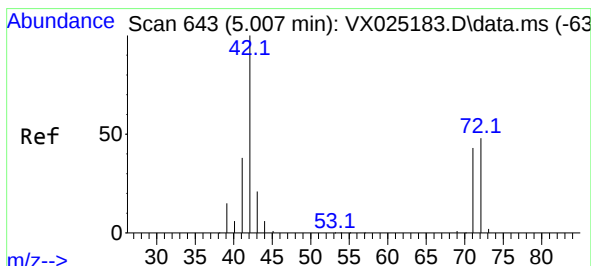
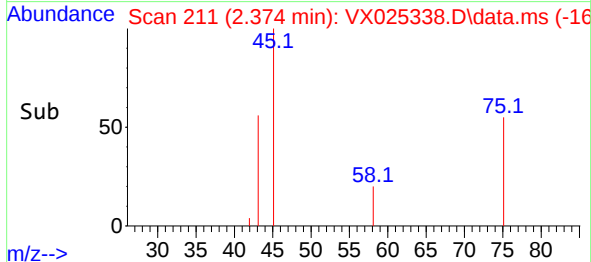
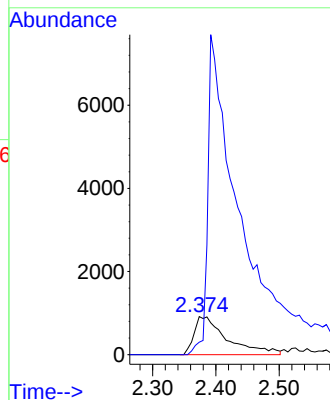
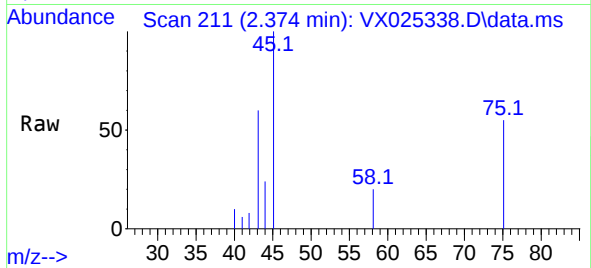




#16
Acetone
Concen: 4.360 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

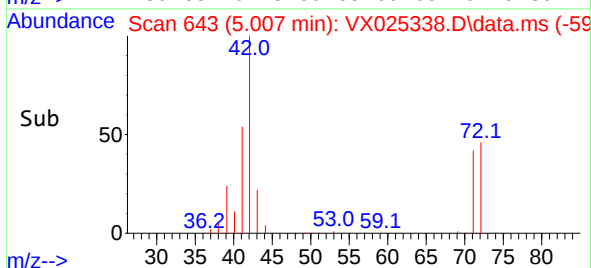
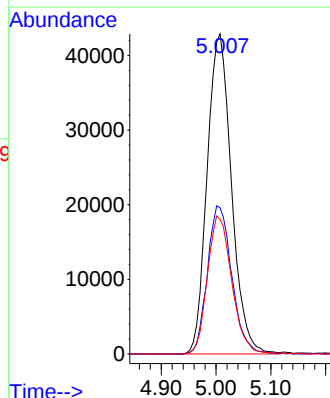
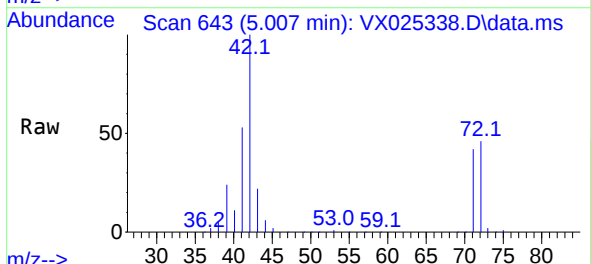
Instrument :
MSVOA_X
ClientSampleId :
211123015-01-VOA

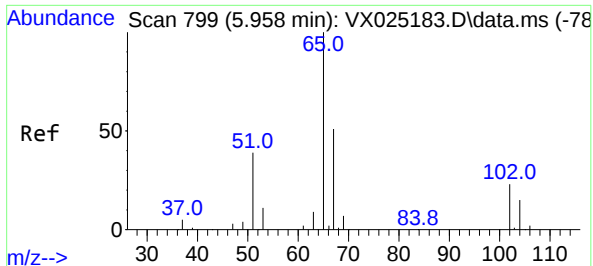
Tgt Ion: 43 Resp: 3352
Ion Ratio Lower Upper
43 100
58 32.7 24.0 36.0



#29
Tetrahydrofuran
Concen: 192.330 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Tgt Ion: 42 Resp: 132364
Ion Ratio Lower Upper
42 100
72 46.3 36.1 54.1
71 43.1 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 49.721 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX025338.D

Acq: 24 Nov 2021 19:42

Instrument :

MSVOA_X

ClientSampleId :

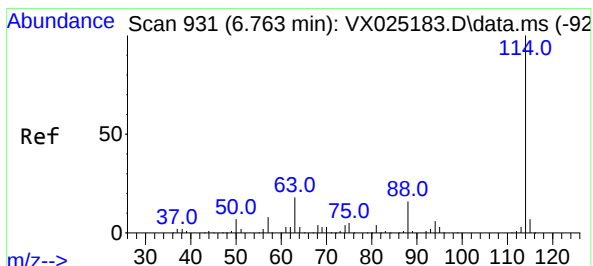
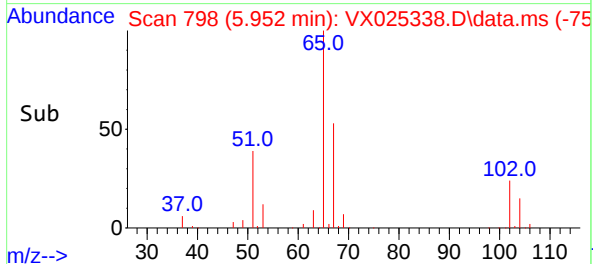
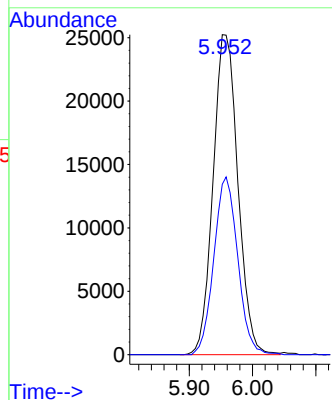
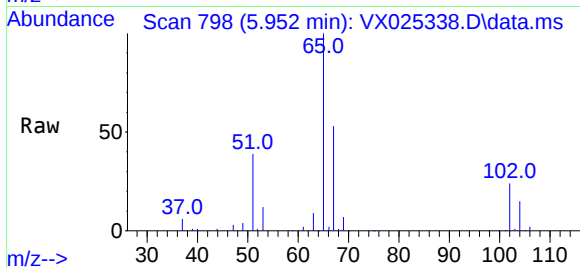
211123015-01-VOA

Tgt Ion: 65 Resp: 68792

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025338.D

Acq: 24 Nov 2021 19:42

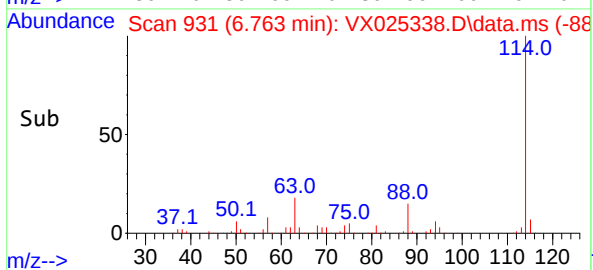
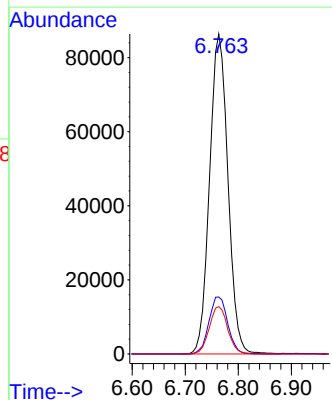
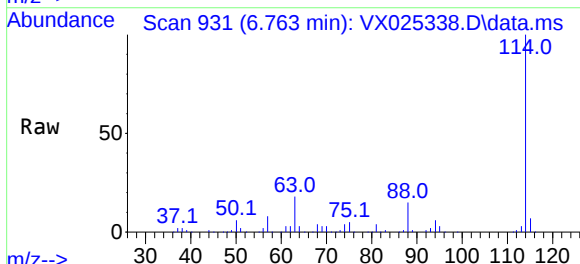
Tgt Ion: 114 Resp: 207771

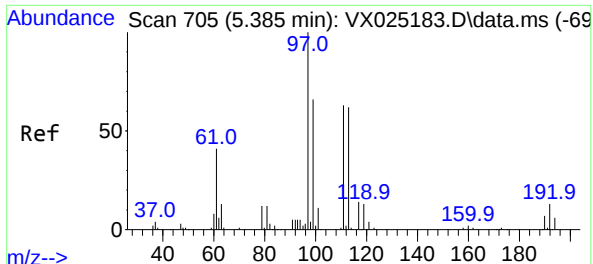
Ion Ratio Lower Upper

114 100

63 17.8 0.0 41.0

88 14.8 0.0 34.8

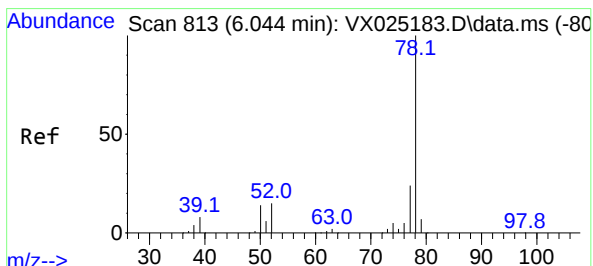
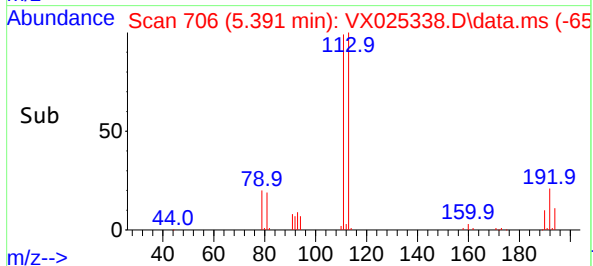
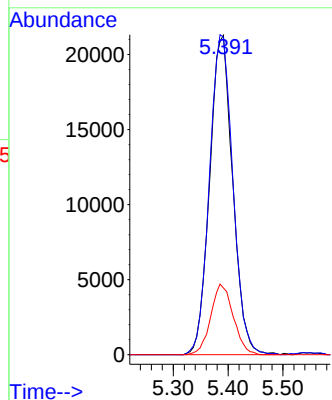
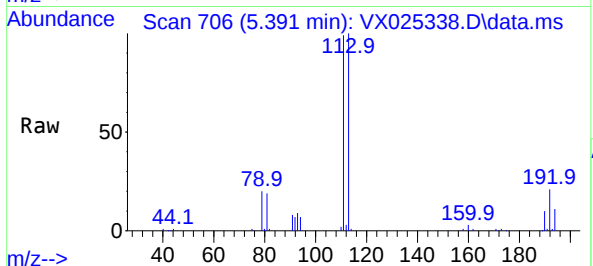




#35
Dibromofluoromethane
Concen: 48.638 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

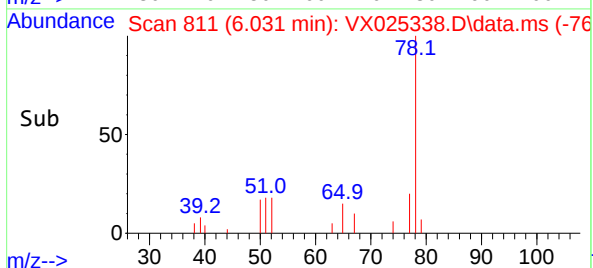
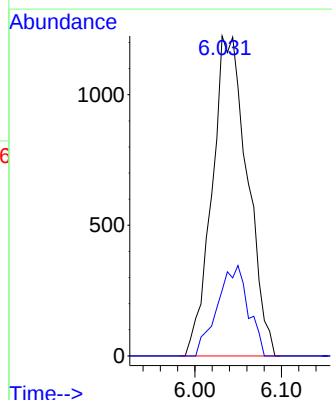
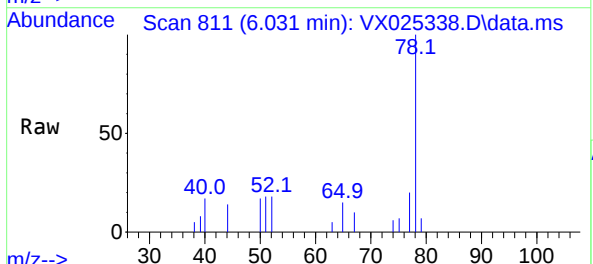
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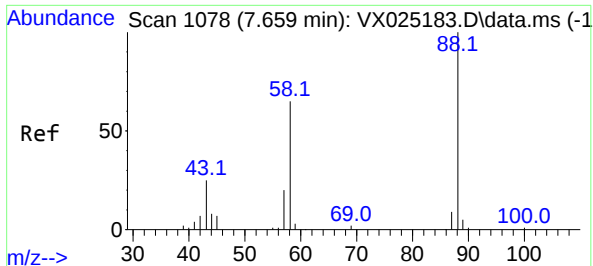
Tgt Ion:113 Resp: 62005
Ion Ratio Lower Upper
113 100
111 101.8 82.1 123.1
192 21.6 15.6 23.4



#40
Benzene
Concen: 0.630 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.013 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Tgt Ion: 78 Resp: 3461
Ion Ratio Lower Upper
78 100
77 20.5 18.3 27.5





#49

1,4-Dioxane

Concen: 84.075 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX025338.D

Acq: 24 Nov 2021 19:42

Instrument :

MSVOA_X

ClientSampleId :

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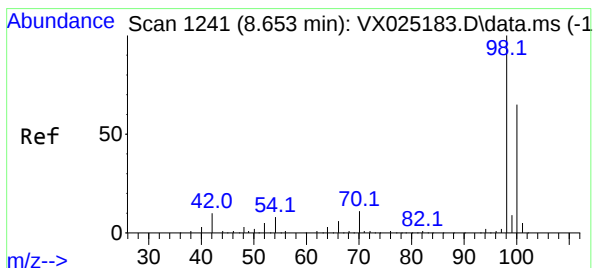
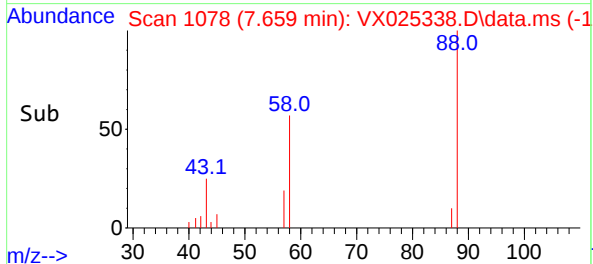
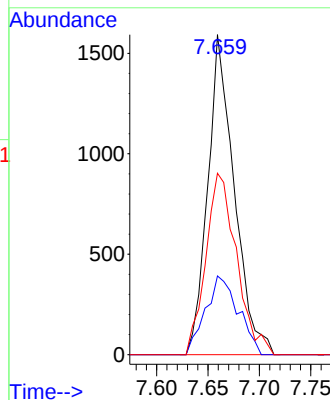
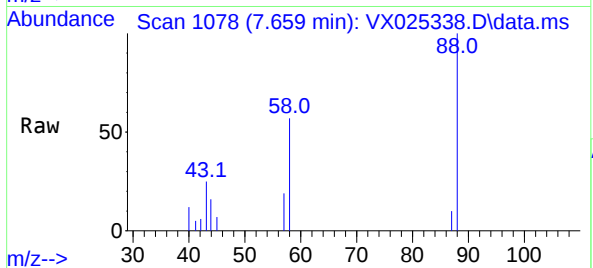
Tgt Ion: 88 Resp: 2860

Ion Ratio Lower Upper

88 100

43 30.3 27.0 40.6

58 65.8 55.2 82.8



#50

Toluene-d8

Concen: 49.522 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025338.D

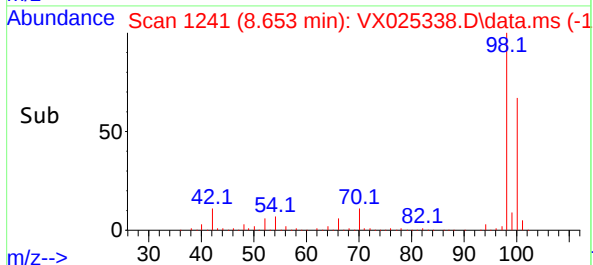
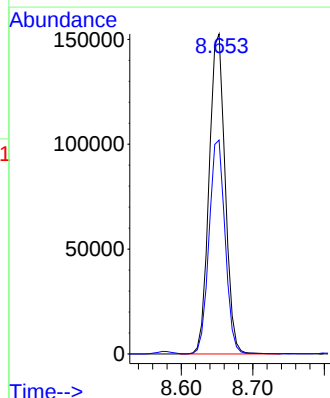
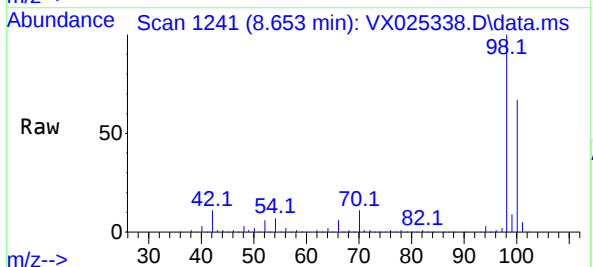
Acq: 24 Nov 2021 19:42

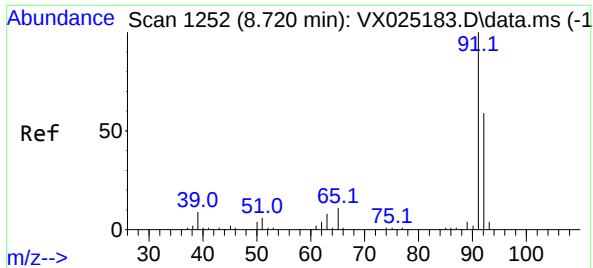
Tgt Ion: 98 Resp: 237364

Ion Ratio Lower Upper

98 100

100 67.1 51.4 77.0

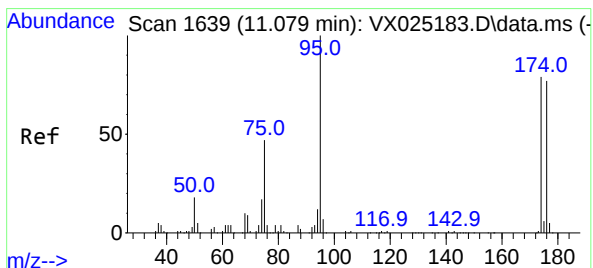
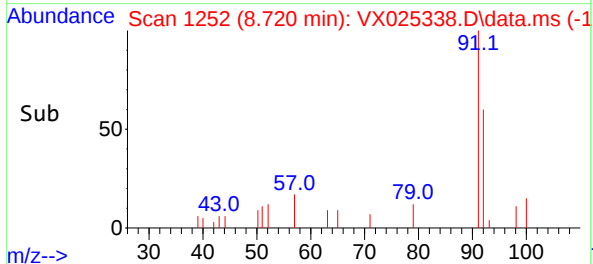
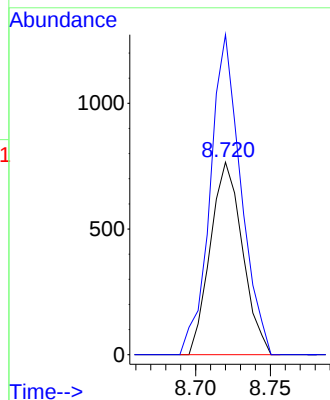
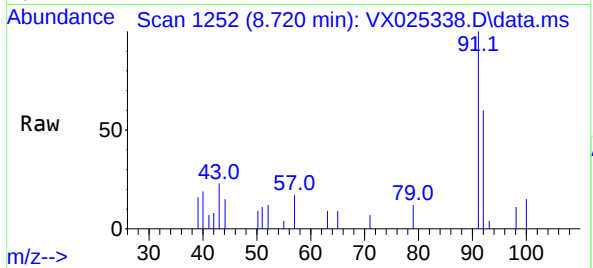




#52
Toluene
Concen: 0.319 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

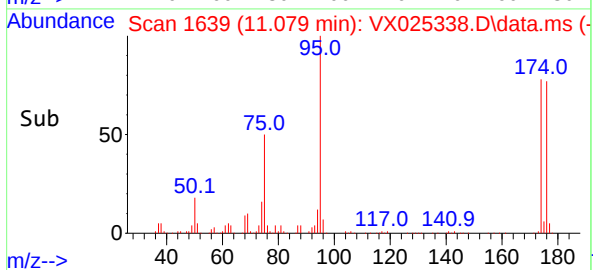
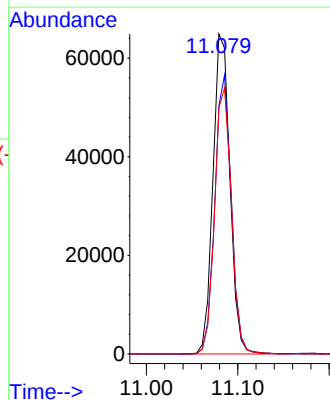
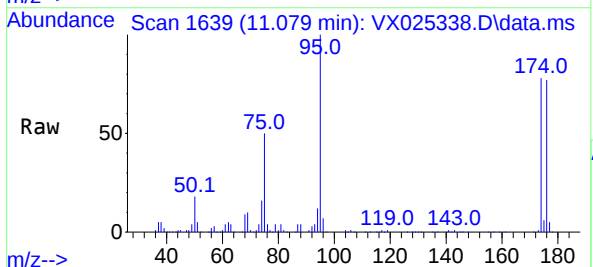
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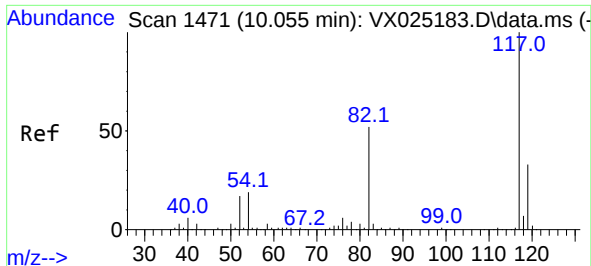
Tgt Ion: 92 Resp: 1144
Ion Ratio Lower Upper
92 100
91 158.9 138.6 208.0



#62
4-Bromofluorobenzene
Concen: 46.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Tgt Ion: 95 Resp: 83615
Ion Ratio Lower Upper
95 100
174 84.7 0.0 158.0
176 82.6 0.0 153.6

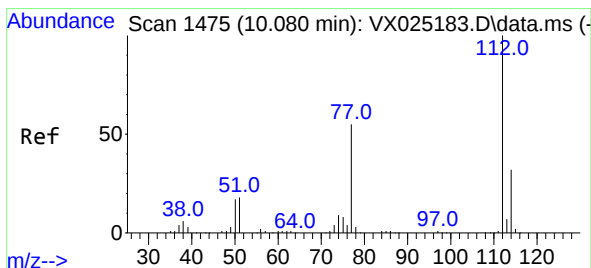
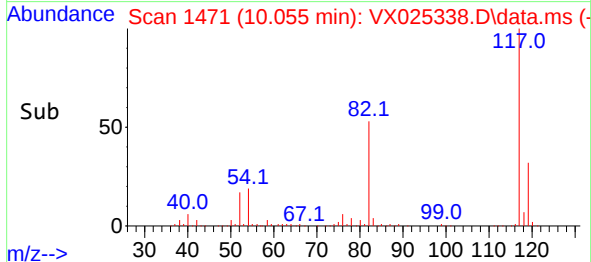
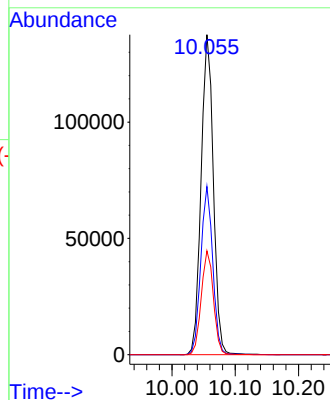
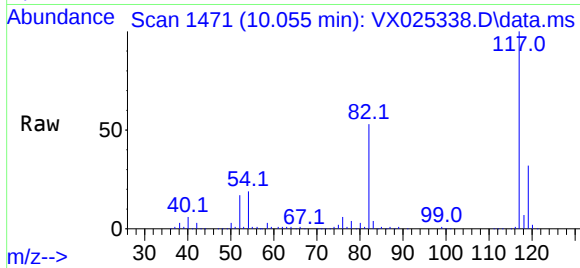




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

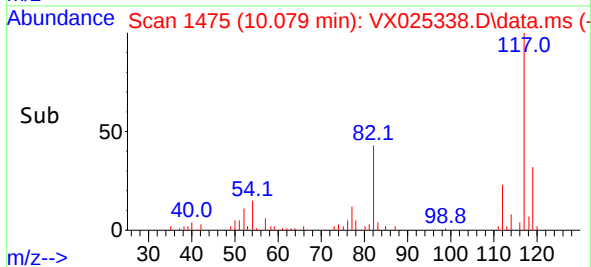
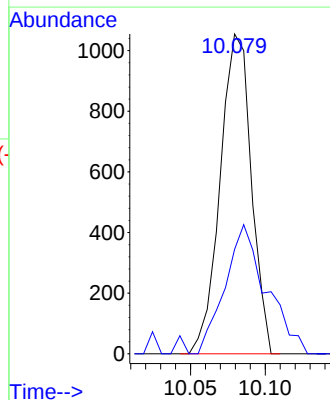
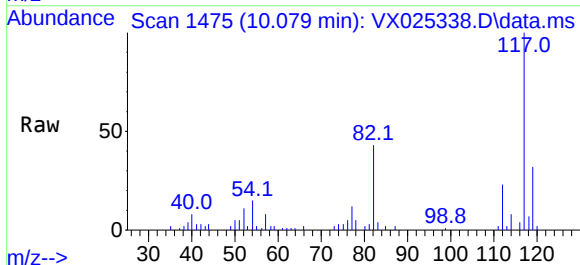
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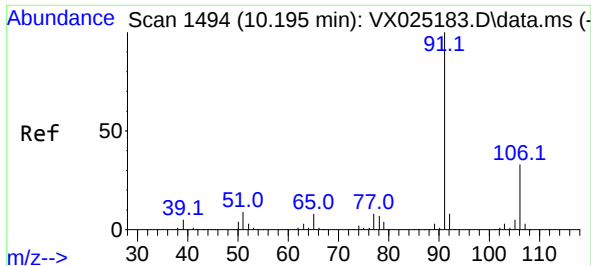
Tgt Ion:117 Resp: 185696
Ion Ratio Lower Upper
117 100
82 52.6 44.6 67.0
119 32.4 24.8 37.2



#65
Chlorobenzene
Concen: 0.404 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Tgt Ion:112 Resp: 1528
Ion Ratio Lower Upper
112 100
114 27.0 25.8 38.6

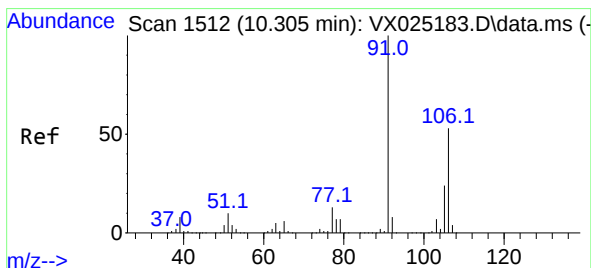
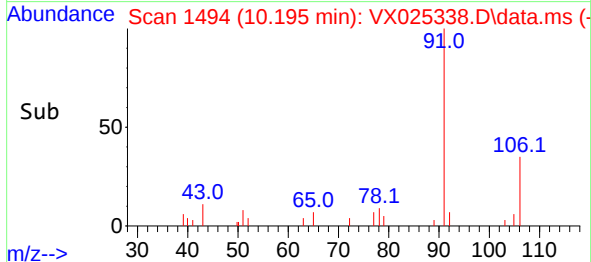
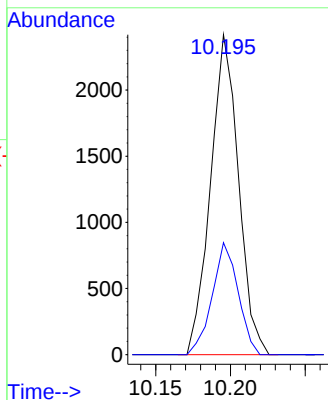
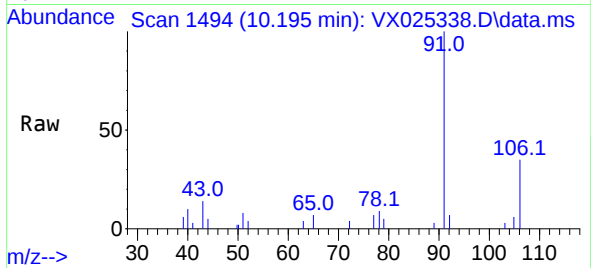




#67
Ethyl Benzene
Concen: 0.481 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

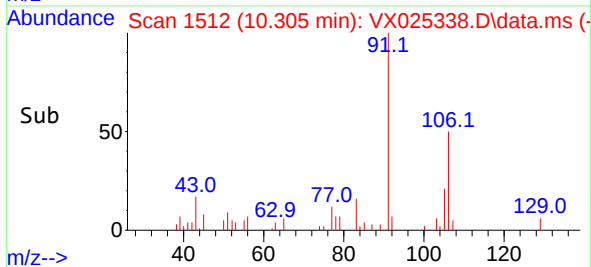
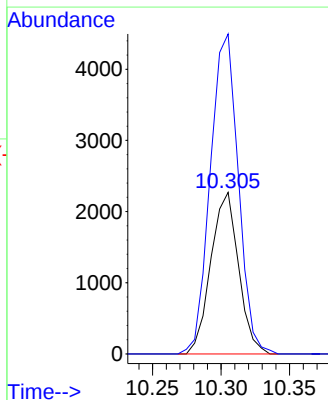
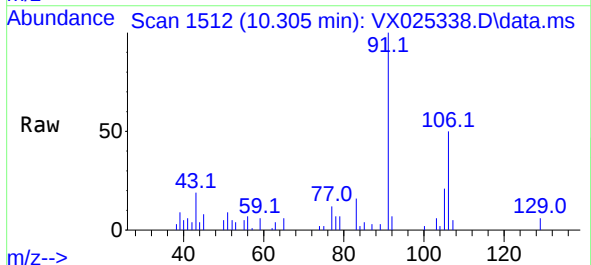
Instrument :
MSVOA_X
ClientSampleId :
211123015-01-VOA

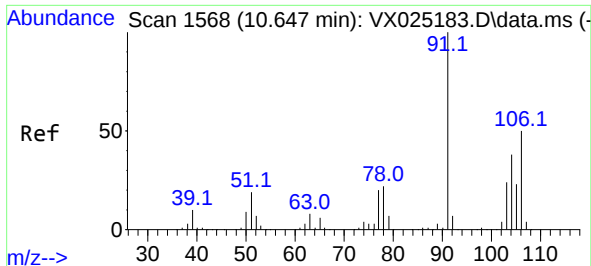
Tgt Ion: 91 Resp: 3143
Ion Ratio Lower Upper
91 100
106 35.0 24.7 37.1



#68
m/p-Xylenes
Concen: 1.194 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Tgt Ion: 106 Resp: 3190
Ion Ratio Lower Upper
106 100
91 200.5 163.4 245.0

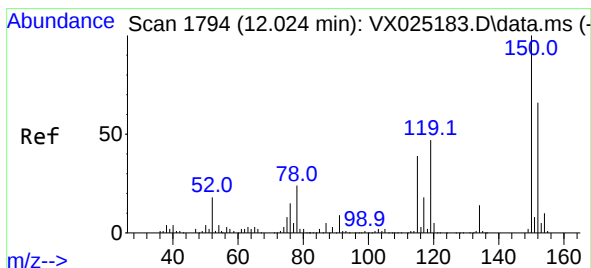
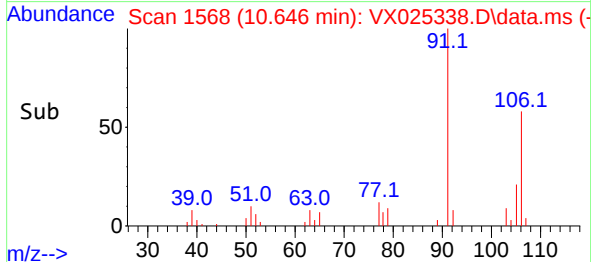
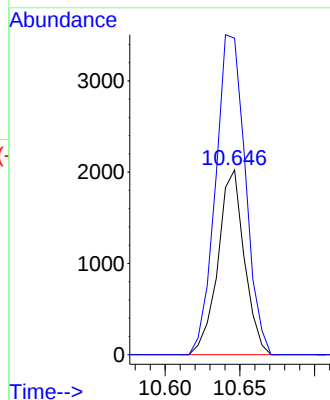
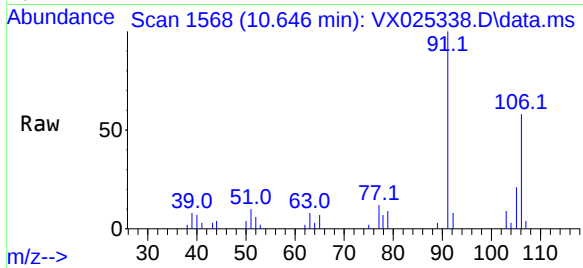




#69
o-Xylene
Concen: 0.949 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

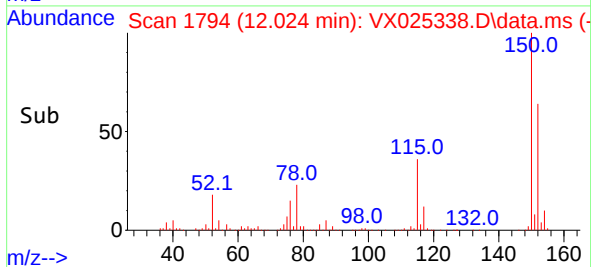
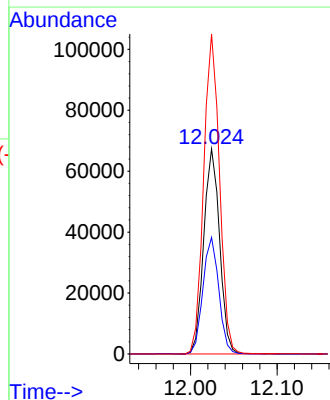
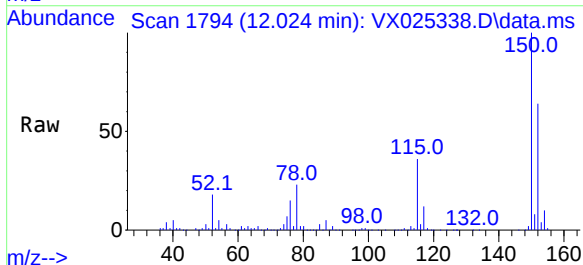
Instrument :
MSVOA_X
ClientSampleId :
211123015-01-VOA

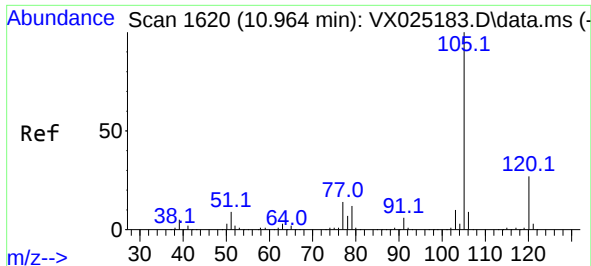
Tgt Ion:106 Resp: 2482
Ion Ratio Lower Upper
106 100
91 195.5 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Tgt Ion:152 Resp: 85610
Ion Ratio Lower Upper
152 100
115 56.9 43.3 129.8
150 156.0 0.0 351.2

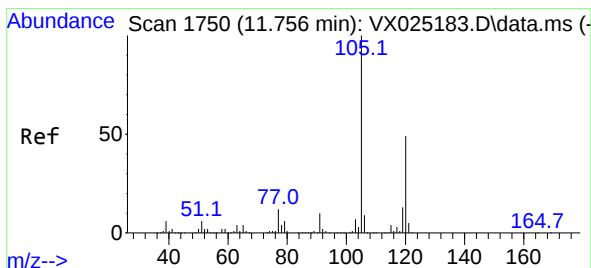
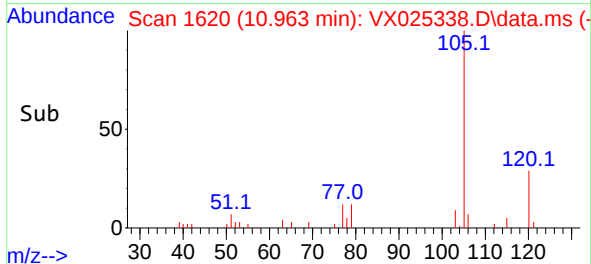
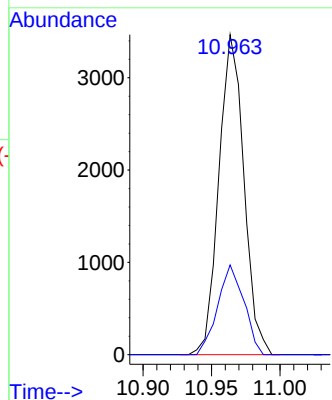
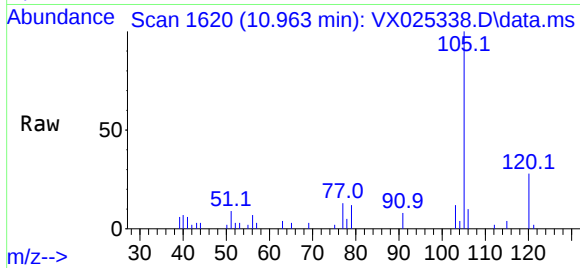




#73
Isopropylbenzene
Concen: 0.720 ug/l
RT: 10.963 min Scan# 10
Delta R.T. -0.001 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Instrument :
MSVOA_X
ClientSampleId :
211123015-01-VOA

Tgt Ion:105 Resp: 4394
Ion Ratio Lower Upper
105 100
120 29.4 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 0.482 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025338.D
Acq: 24 Nov 2021 19:42

Tgt Ion:105 Resp: 2445
Ion Ratio Lower Upper
105 100
120 48.2 22.1 66.3

