

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025455.D
 Acq On : 03 Dec 2021 02:30
 Operator : JC/MD
 Sample : M4917-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35

Quant Time: Dec 03 06:14:55 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)

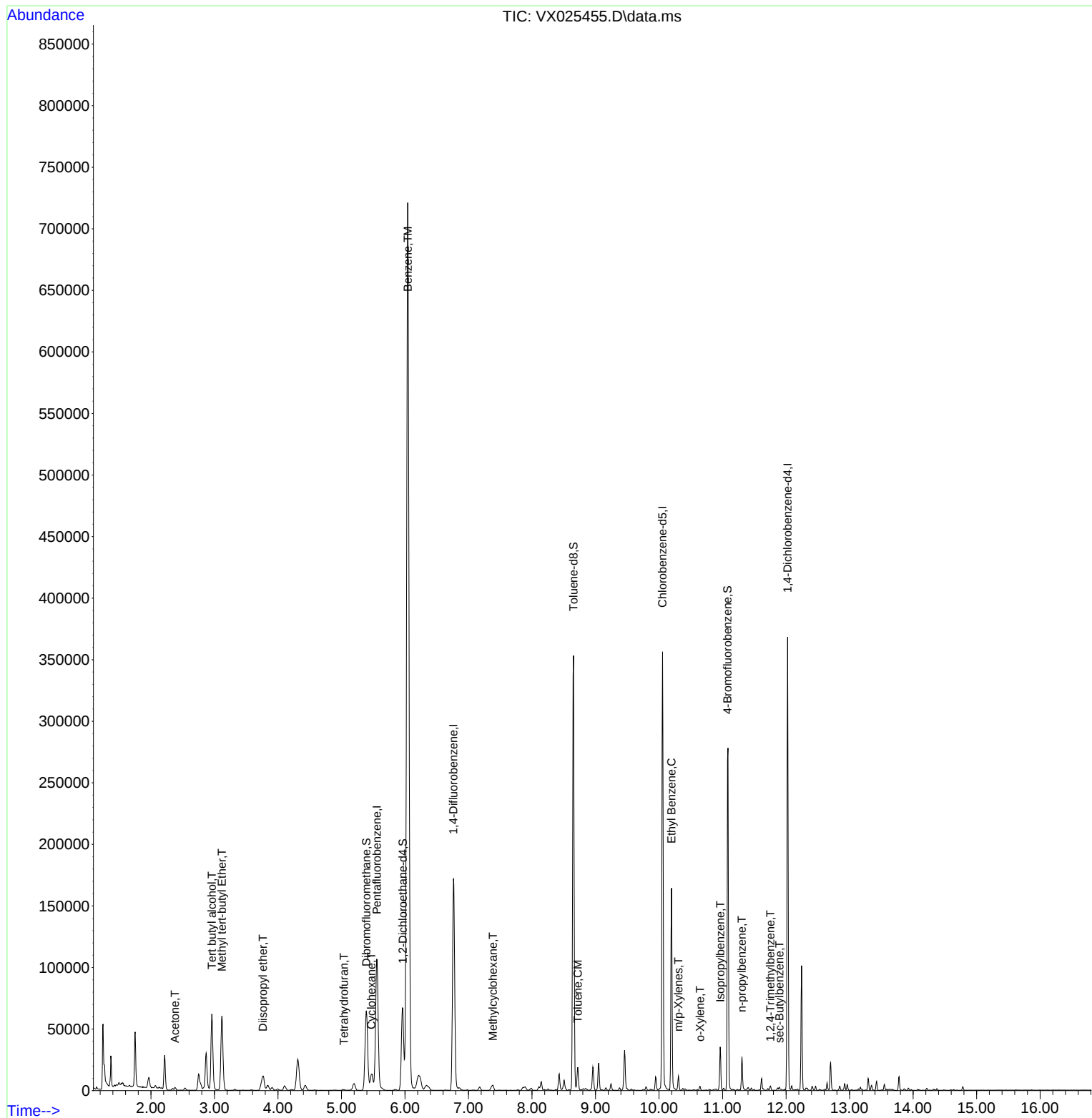
Internal Standards						
1) Pentafluorobenzene	5.556	168	108972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63105	54.94	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.88%			
35) Dibromofluoromethane	5.391	113	56852	50.38	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.76%			
50) Toluene-d8	8.653	98	210888	49.71	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.42%			
62) 4-Bromofluorobenzene	11.079	95	75015	46.74	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.48%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	72760	256.30	ug/l	99
16) Acetone	2.380	43	2388	3.74	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	66892	19.01	ug/l	98
22) Diisopropyl ether	3.763	45	12734	3.66	ug/l #	81
29) Tetrahydrofuran	5.038	42	587	1.03	ug/l #	78
31) Cyclohexane	5.470	56	9574	5.39	ug/l	97
39) Methylcyclohexane	7.385	83	1860	0.90	ug/l	88
40) Benzene	6.043	78	878453	180.73	ug/l	99
52) Toluene	8.720	92	6315	1.99	ug/l	96
67) Ethyl Benzene	10.195	91	93741	15.97	ug/l	96
68) m/p-Xylenes	10.305	106	2802	1.17	ug/l	89
69) o-Xylene	10.646	106	747	0.32	ug/l	76
73) Isopropylbenzene	10.963	105	17840	3.28	ug/l	100
78) n-propylbenzene	11.305	91	15760	2.59	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1842	0.41	ug/l	96
85) sec-Butylbenzene	11.896	105	1432	0.25	ug/l	98

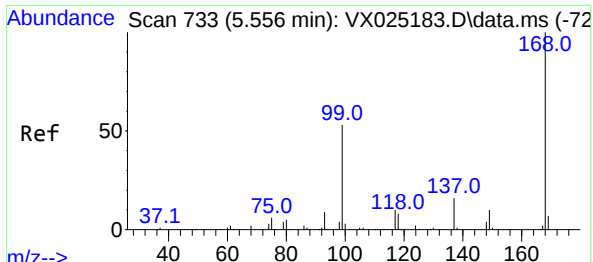
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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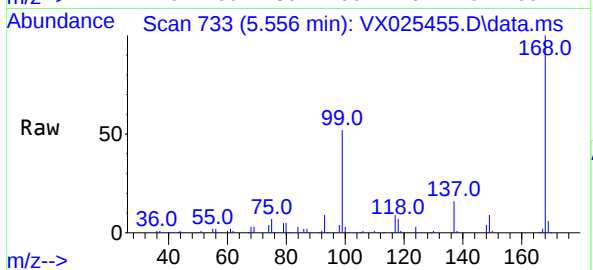
Quant Time: Dec 03 06:14:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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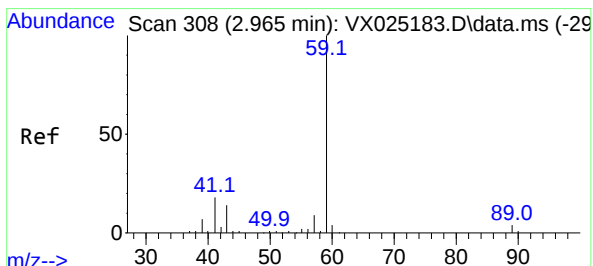
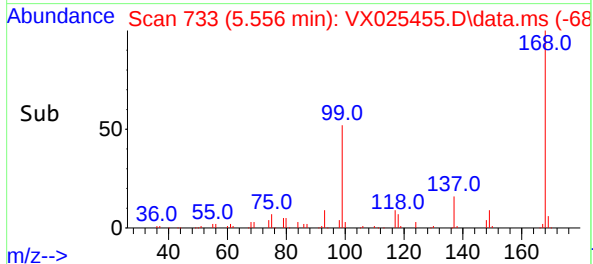
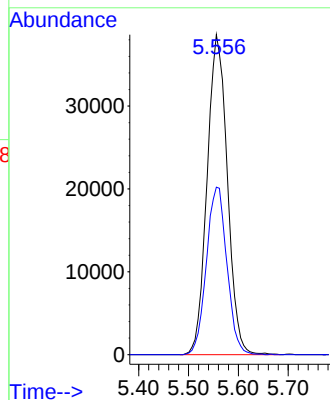


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

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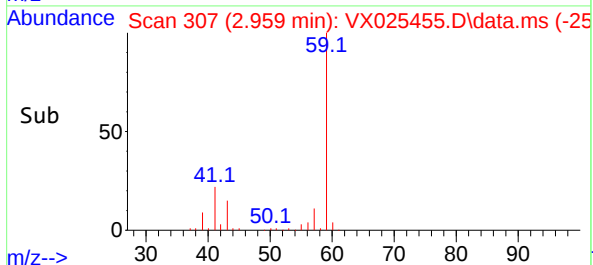
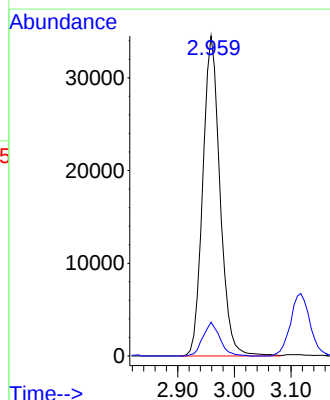
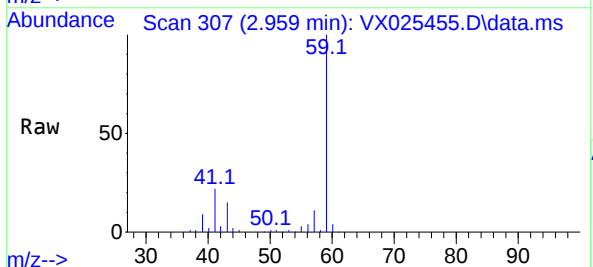


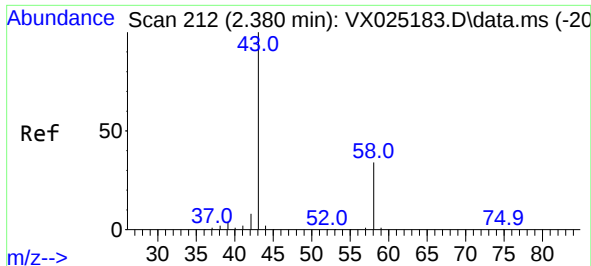
Tgt Ion:168 Resp: 108972
Ion Ratio Lower Upper
168 100
99 52.3 46.4 69.6



#11
Tert butyl alcohol
Concen: 256.30 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Tgt Ion: 59 Resp: 72760
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

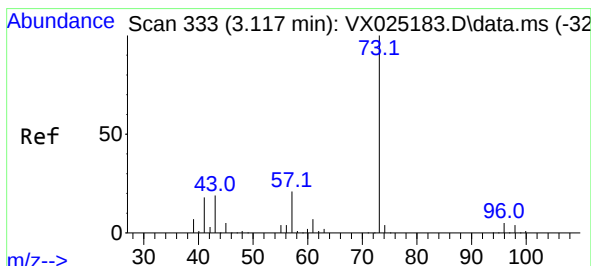
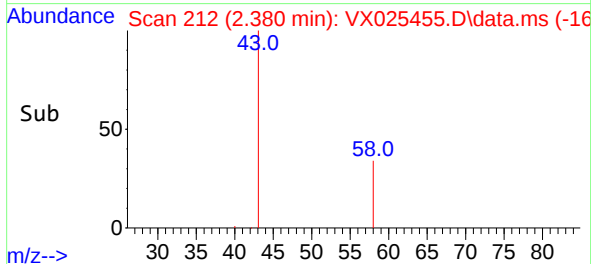
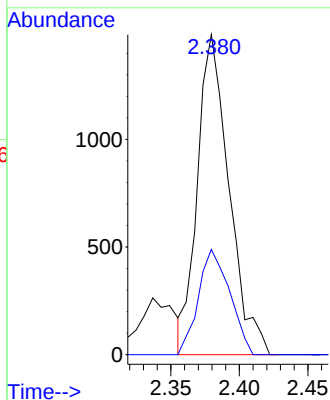
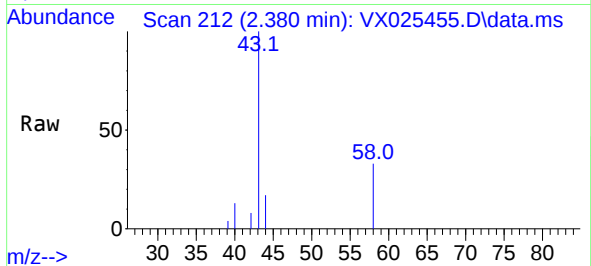




#16
Acetone
Concen: 3.74 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

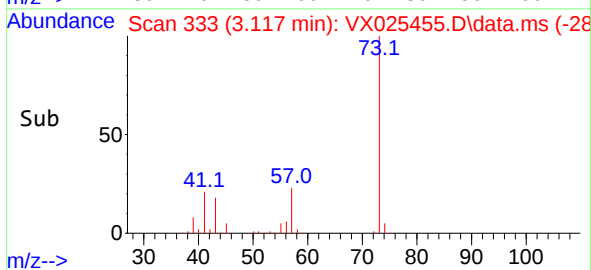
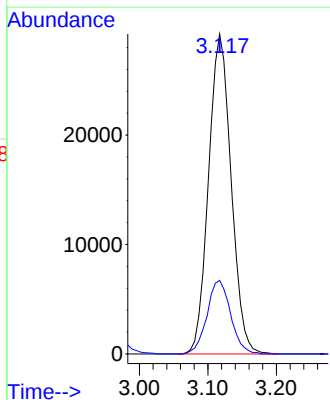
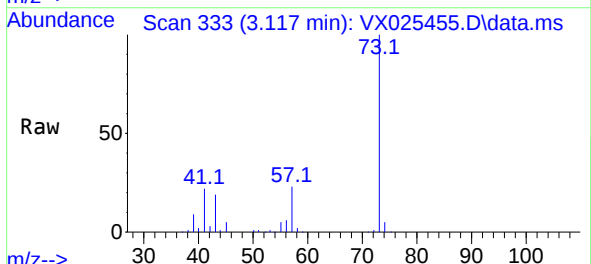
Instrument :
MSVOA_X
ClientSampleId :
MW-35

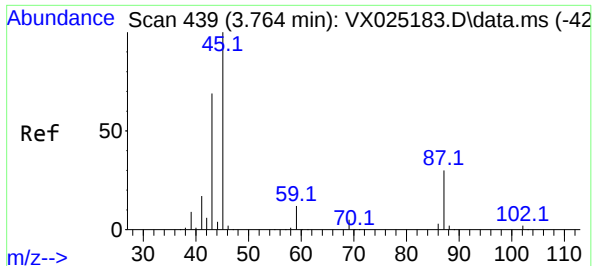
Tgt Ion: 43 Resp: 2388
Ion Ratio Lower Upper
43 100
58 32.9 24.0 36.0



#19
Methyl tert-butyl Ether
Concen: 19.01 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Tgt Ion: 73 Resp: 66892
Ion Ratio Lower Upper
73 100
57 23.0 17.5 26.3

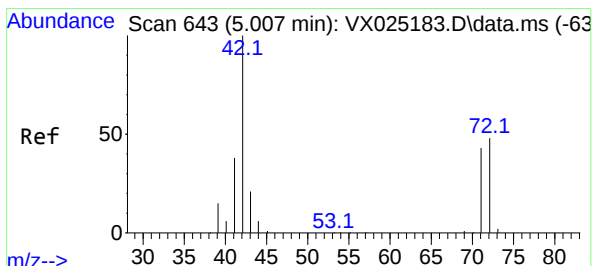
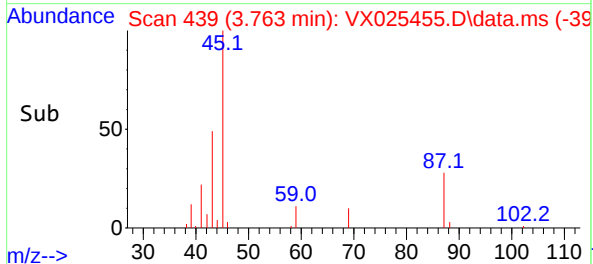
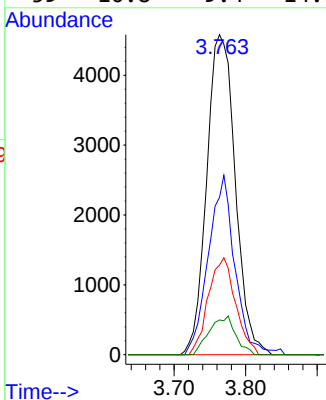
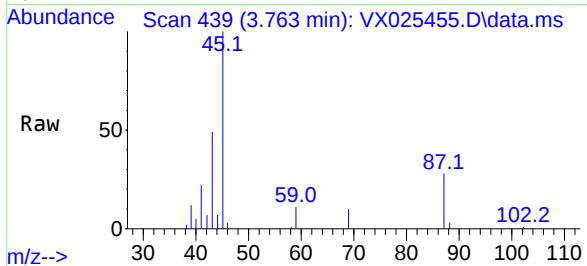




#22
Diisopropyl ether
Concen: 3.66 ug/l
RT: 3.763 min Scan# 41
Delta R.T. -0.001 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

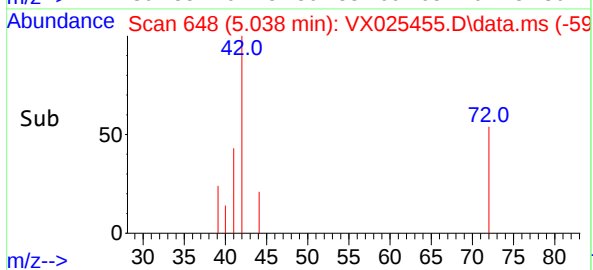
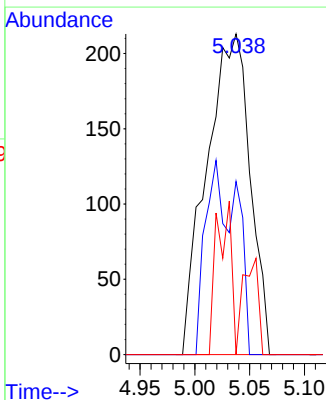
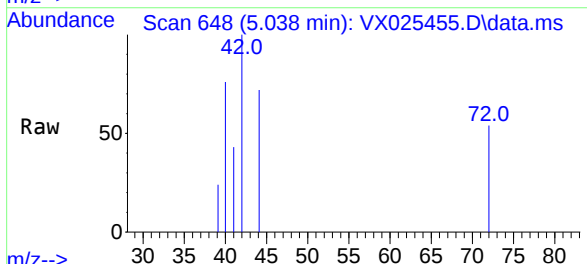
Instrument :
MSVOA_X
ClientSampleId :
MW-35

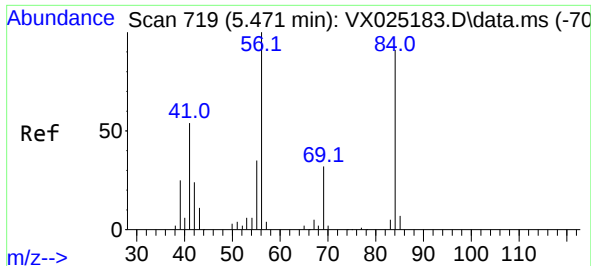
Tgt Ion:	45	Resp:	12734
Ion	Ratio	Lower	Upper
45	100		
43	49.2	58.3	87.5#
87	28.0	23.7	35.5
59	10.8	9.4	14.0



#29
Tetrahydrofuran
Concen: 1.03 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Tgt Ion:	42	Resp:	587
Ion	Ratio	Lower	Upper
42	100		
72	42.6	36.1	54.1
71	16.2	33.7	50.5#

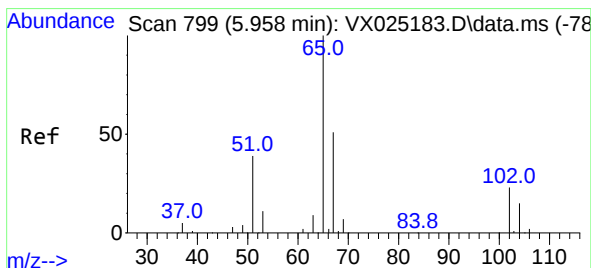
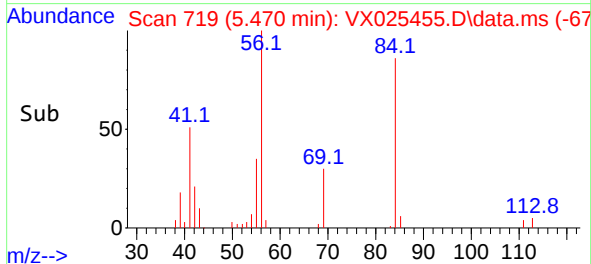
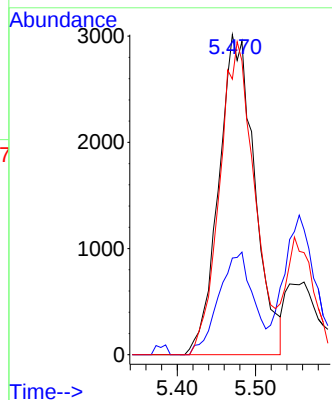
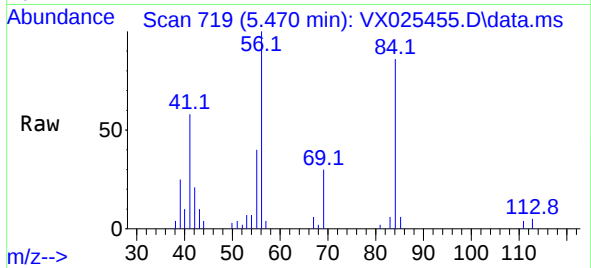




#31
Cyclohexane
Concen: 5.39 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

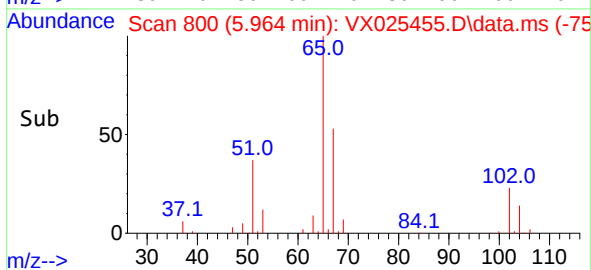
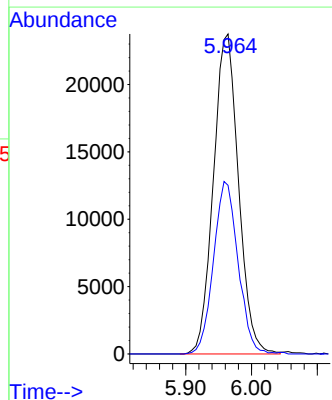
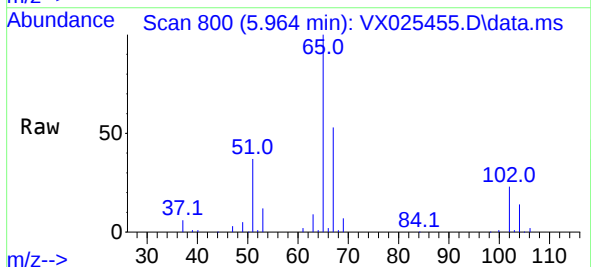
Instrument :
MSVOA_X
ClientSampleId :
MW-35

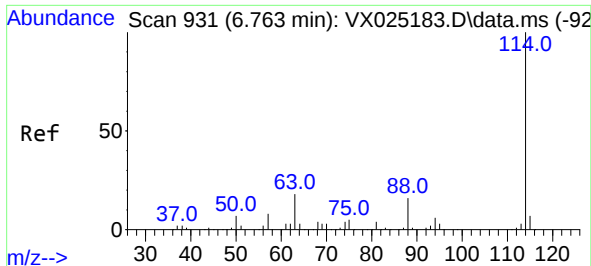
Tgt Ion:	56	Resp:	9574
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.2
84	86.1	71.5	107.3



#33
1,2-Dichloroethane-d4
Concen: 54.94 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Tgt Ion:	65	Resp:	63105
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	101.0

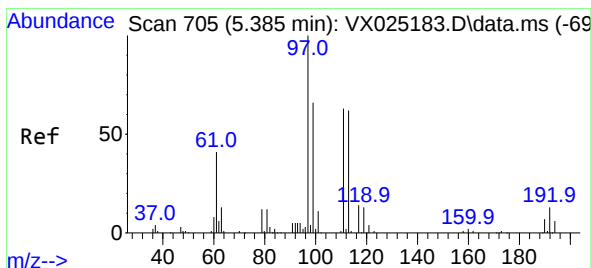
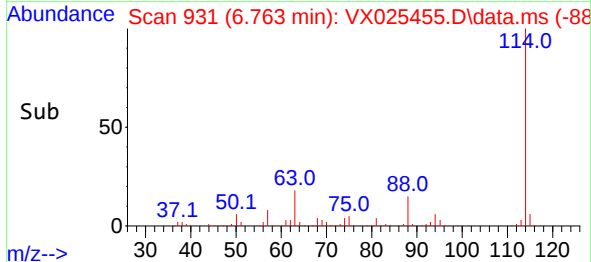
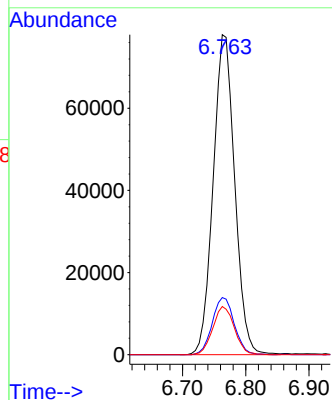
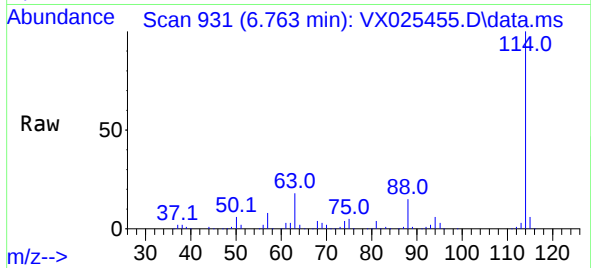




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

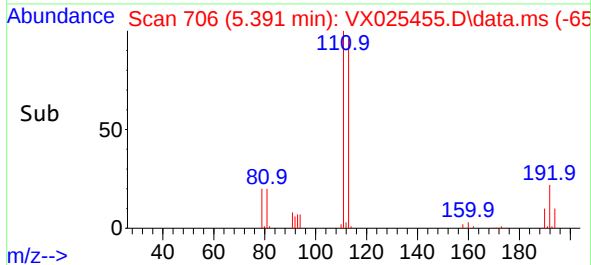
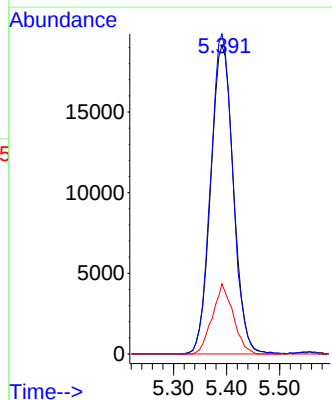
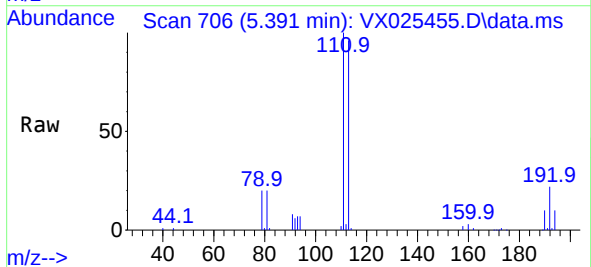
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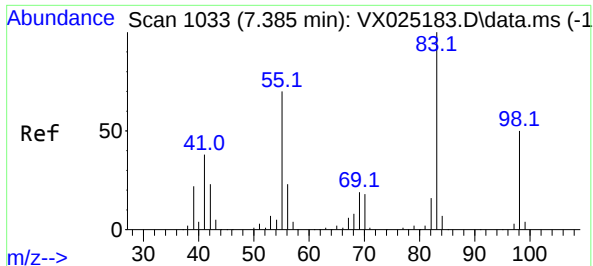
Tgt Ion:114 Resp: 183904
Ion Ratio Lower Upper
114 100
63 17.9 0.0 41.0
88 15.1 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Tgt Ion:113 Resp: 56852
Ion Ratio Lower Upper
113 100
111 101.7 82.1 123.1
192 20.8 15.6 23.4





#39

Methylcyclohexane

Concen: 0.90 ug/l

RT: 7.385 min Scan# 10

Delta R.T. -0.000 min

Lab File: VX025455.D

Acq: 03 Dec 2021 02:30

Instrument :

MSVOA_X

ClientSampleId :

MW-35

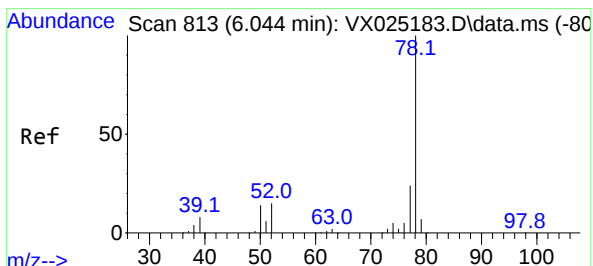
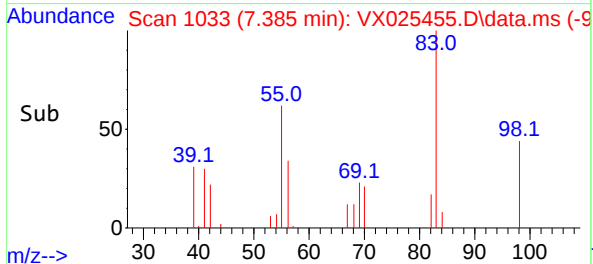
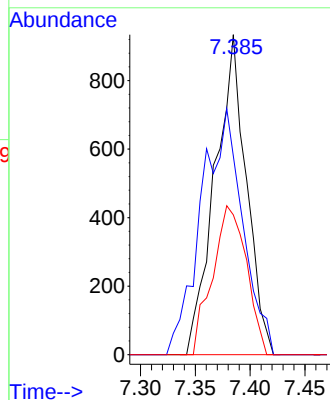
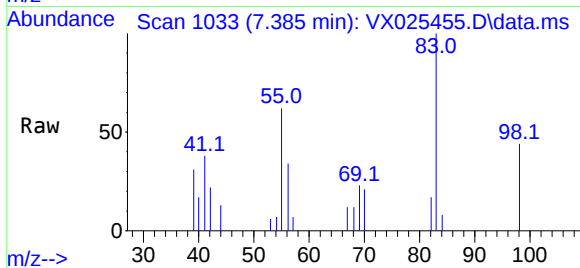
Tgt Ion: 83 Resp: 1860

Ion Ratio Lower Upper

83 100

55 62.1 60.8 91.2

98 43.7 37.0 55.4



#40

Benzene

Concen: 180.73 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX025455.D

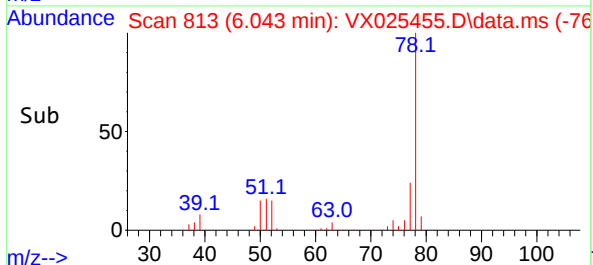
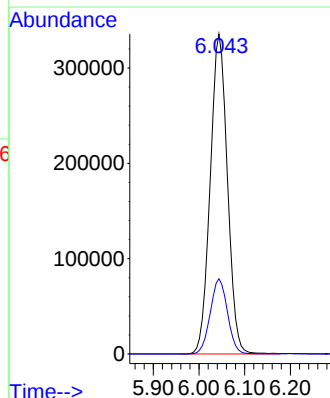
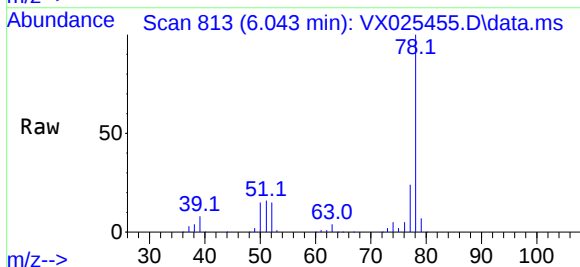
Acq: 03 Dec 2021 02:30

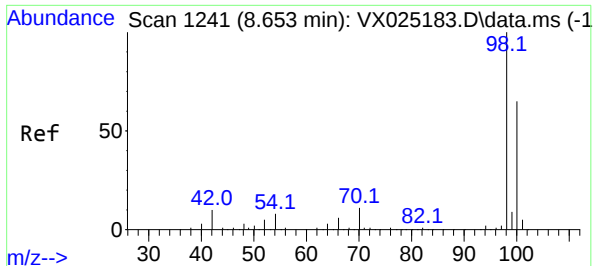
Tgt Ion: 78 Resp: 878453

Ion Ratio Lower Upper

78 100

77 23.5 18.3 27.5

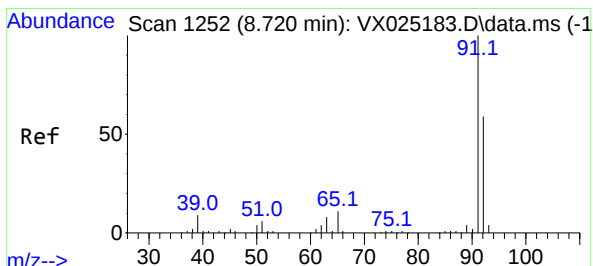
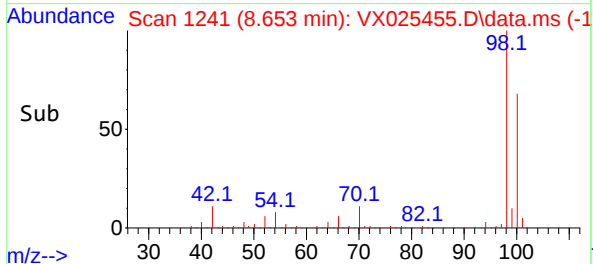
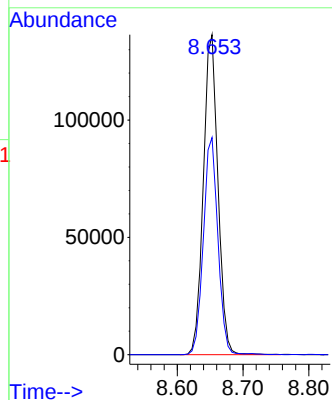
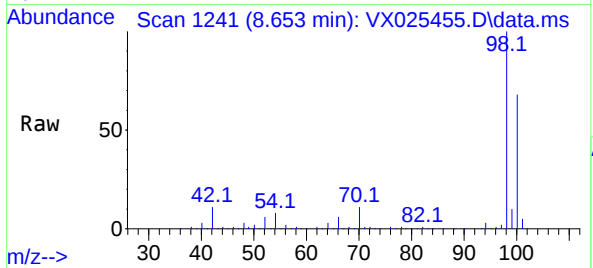




#50
Toluene-d8
Concen: 49.71 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

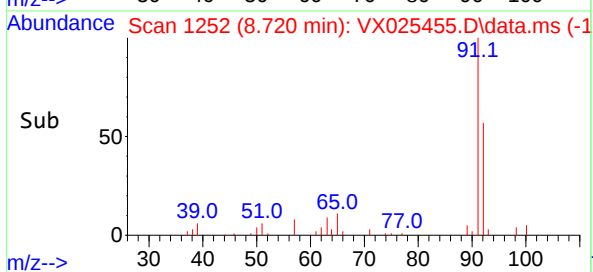
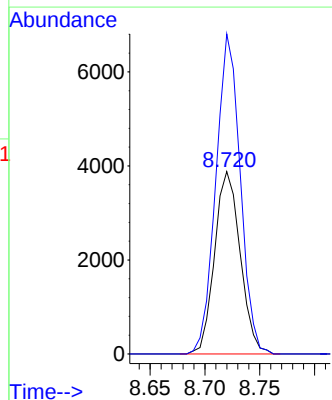
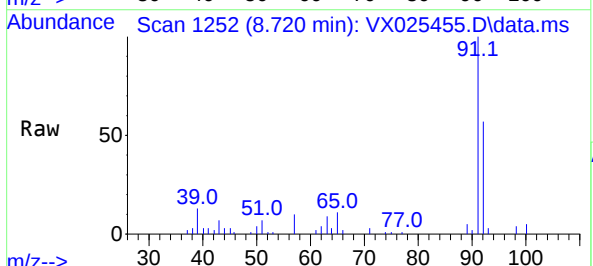
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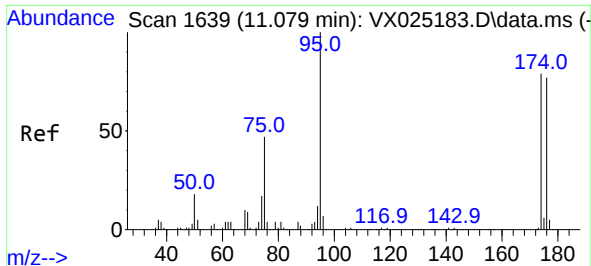
Tgt Ion: 98 Resp: 210888
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0



#52
Toluene
Concen: 1.99 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Tgt Ion: 92 Resp: 6315
Ion Ratio Lower Upper
92 100
91 167.2 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 46.74 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025455.D

Acq: 03 Dec 2021 02:30

Instrument :

MSVOA_X

ClientSampleId :

MW-35

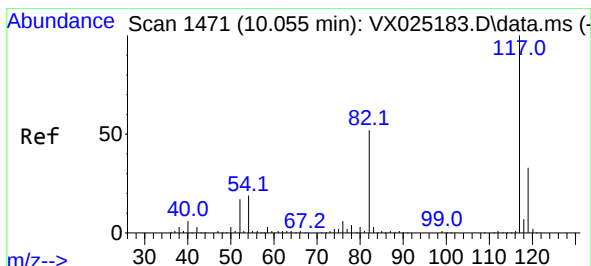
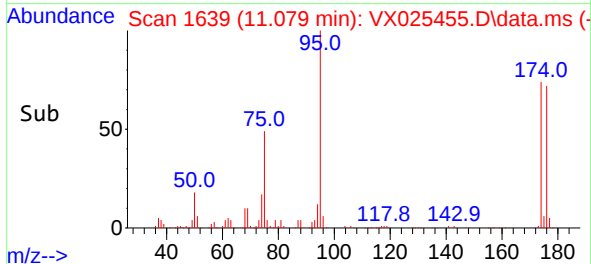
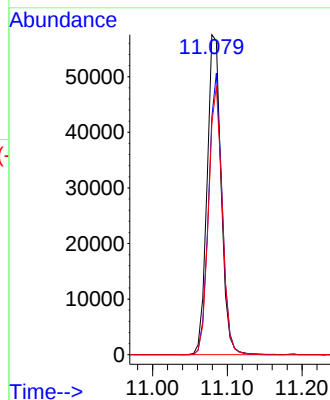
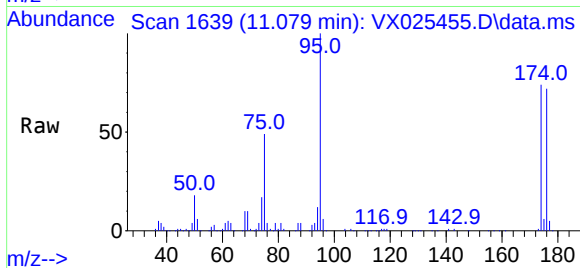
Tgt Ion: 95 Resp: 75015

Ion Ratio Lower Upper

95 100

174 84.6 0.0 158.0

176 81.9 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX025455.D

Acq: 03 Dec 2021 02:30

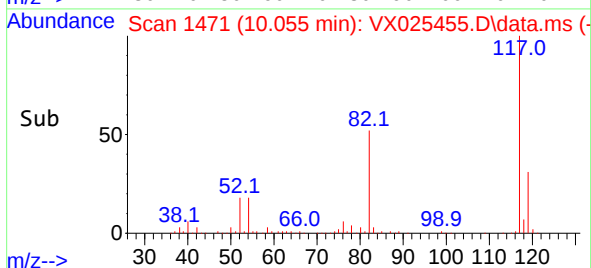
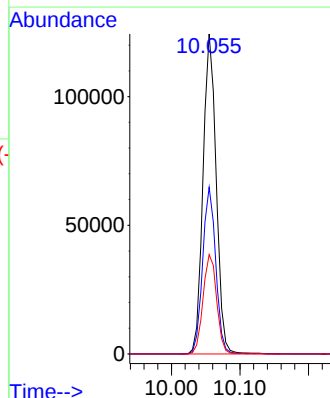
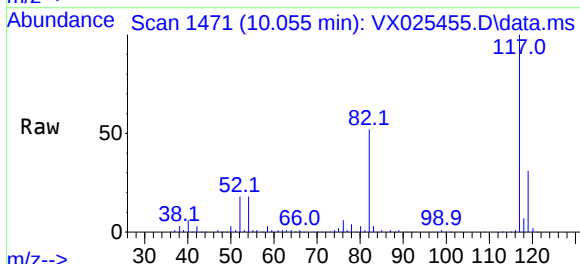
Tgt Ion: 117 Resp: 166715

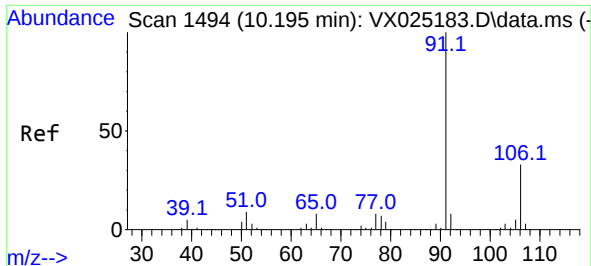
Ion Ratio Lower Upper

117 100

82 52.1 44.6 67.0

119 31.1 24.8 37.2





#67

Ethyl Benzene

Concen: 15.97 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX025455.D

Acq: 03 Dec 2021 02:30

Instrument :

MSVOA_X

ClientSampleId :

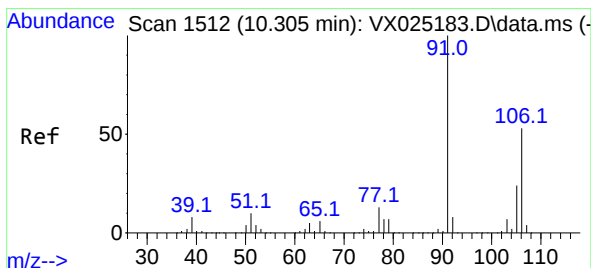
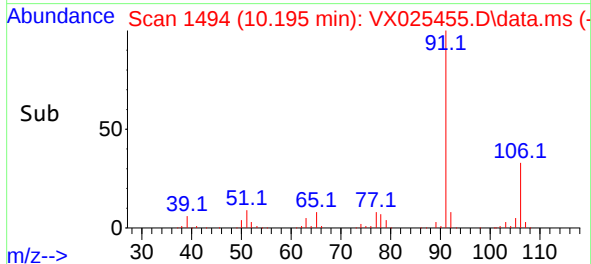
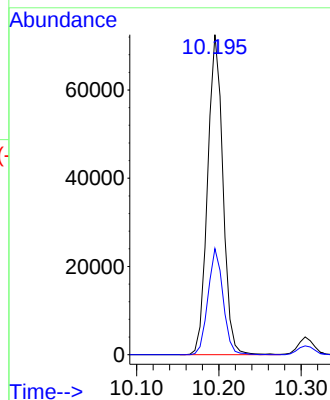
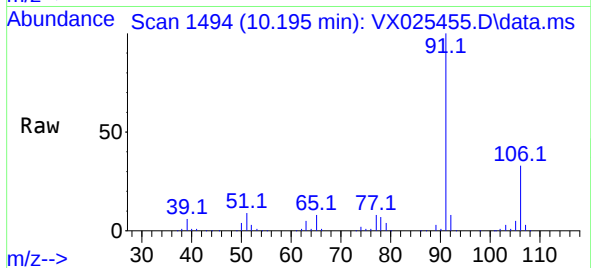
MW-35

Tgt Ion: 91 Resp: 93741

Ion Ratio Lower Upper

91 100

106 33.2 24.7 37.1



#68

m/p-Xylenes

Concen: 1.17 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX025455.D

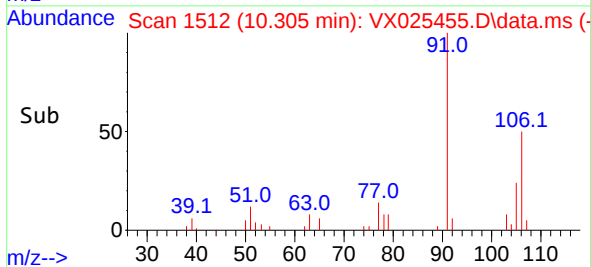
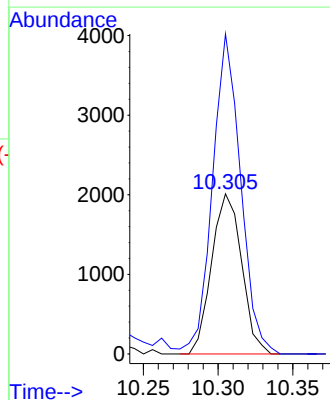
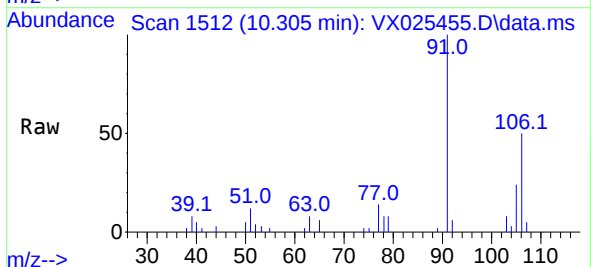
Acq: 03 Dec 2021 02:30

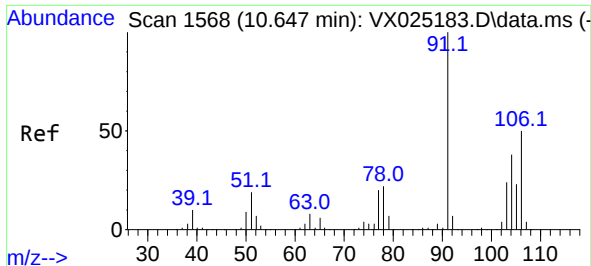
Tgt Ion: 106 Resp: 2802

Ion Ratio Lower Upper

106 100

91 187.2 163.4 245.0

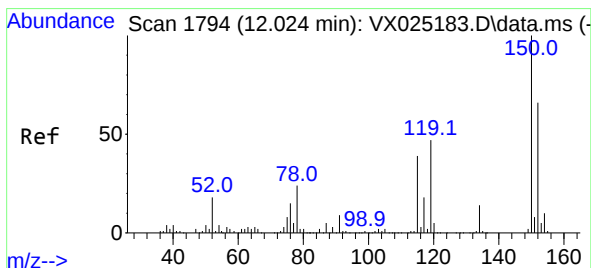
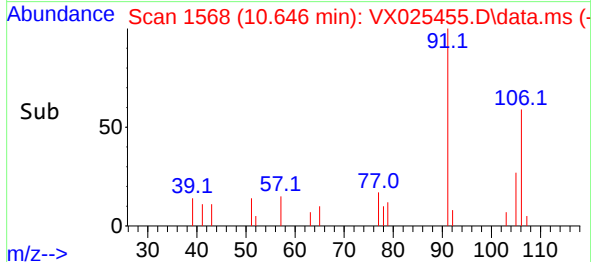
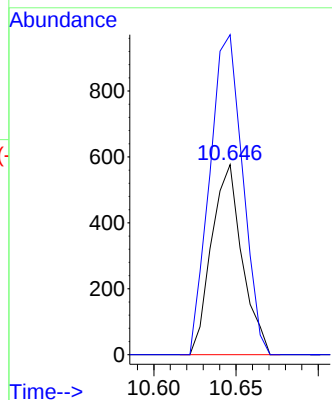
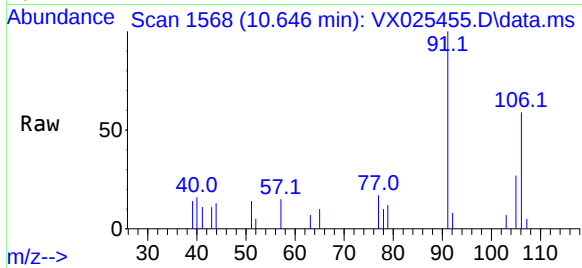




#69
o-Xylene
Concen: 0.32 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

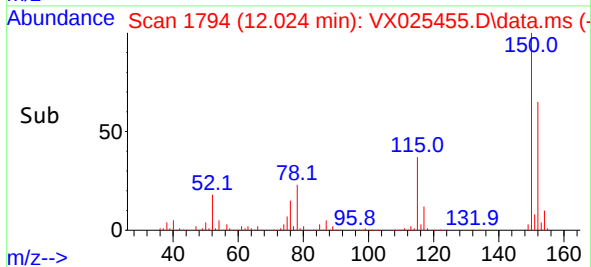
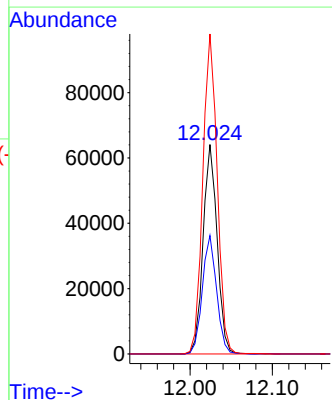
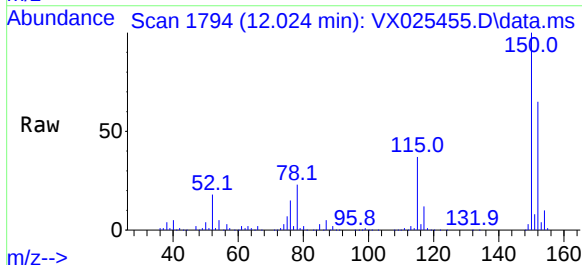
Instrument :
MSVOA_X
ClientSampleId :
MW-35

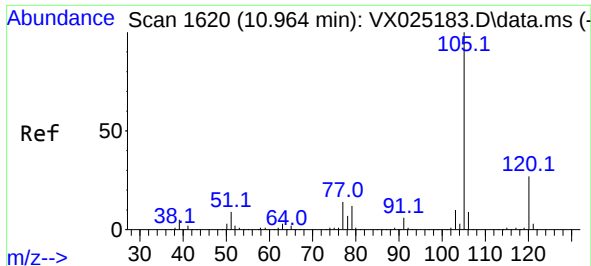
Tgt Ion:106 Resp: 747
Ion Ratio Lower Upper
106 100
91 181.0 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Tgt Ion:152 Resp: 76207
Ion Ratio Lower Upper
152 100
115 57.4 43.3 129.8
150 156.6 0.0 351.2

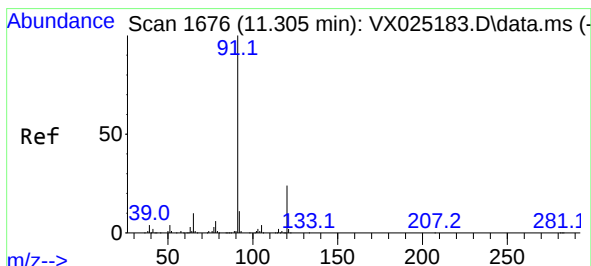
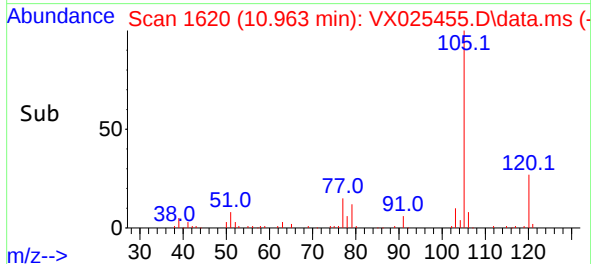
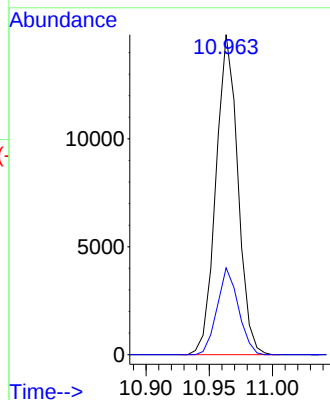
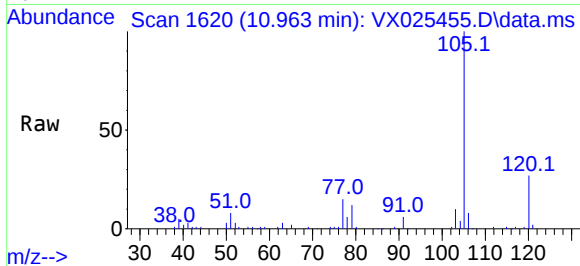




#73
Isopropylbenzene
Concen: 3.28 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

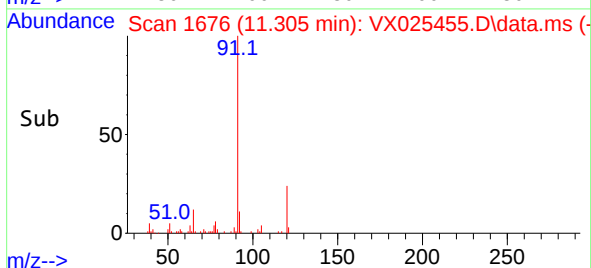
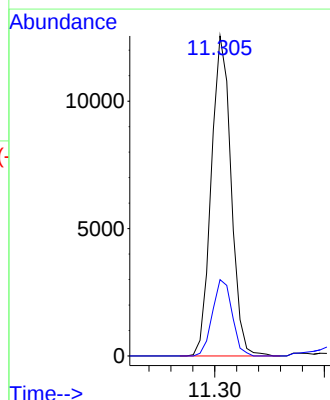
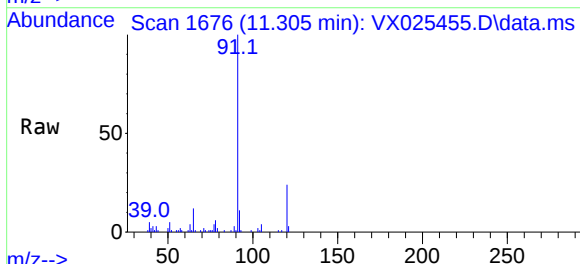
Instrument :
MSVOA_X
ClientSampleId :
MW-35

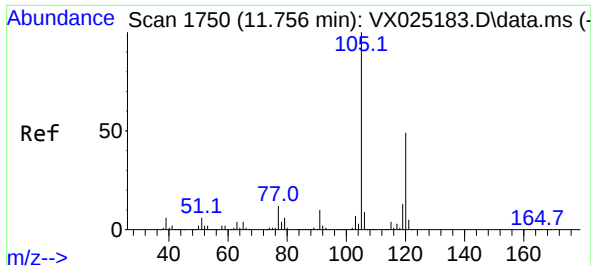
Tgt Ion:105 Resp: 17840
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.8



#78
n-propylbenzene
Concen: 2.59 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Tgt Ion: 91 Resp: 15760
Ion Ratio Lower Upper
91 100
120 23.7 11.7 35.0

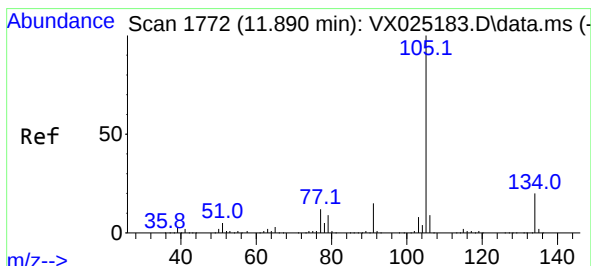
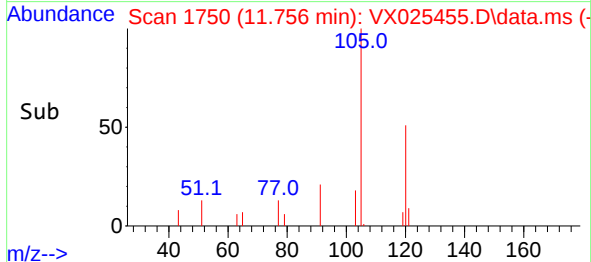
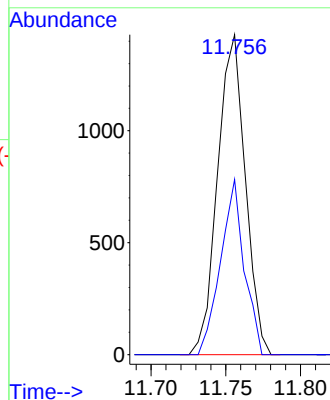
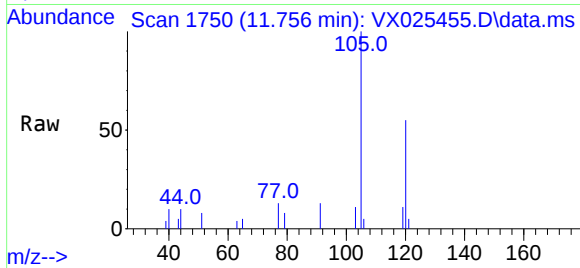




#84
1,2,4-Trimethylbenzene
Concen: 0.41 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Instrument :
MSVOA_X
ClientSampleId :
MW-35

Tgt Ion:105 Resp: 1842
Ion Ratio Lower Upper
105 100
120 46.6 22.1 66.3



#85
sec-Butylbenzene
Concen: 0.25 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX025455.D
Acq: 03 Dec 2021 02:30

Tgt Ion:105 Resp: 1432
Ion Ratio Lower Upper
105 100
134 19.5 10.2 30.4

