

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031580.D
 Acq On : 22 Sep 2022 19:04
 Operator : JC/MD
 Sample : N4614-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10R

Quant Time: Sep 23 01:50:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

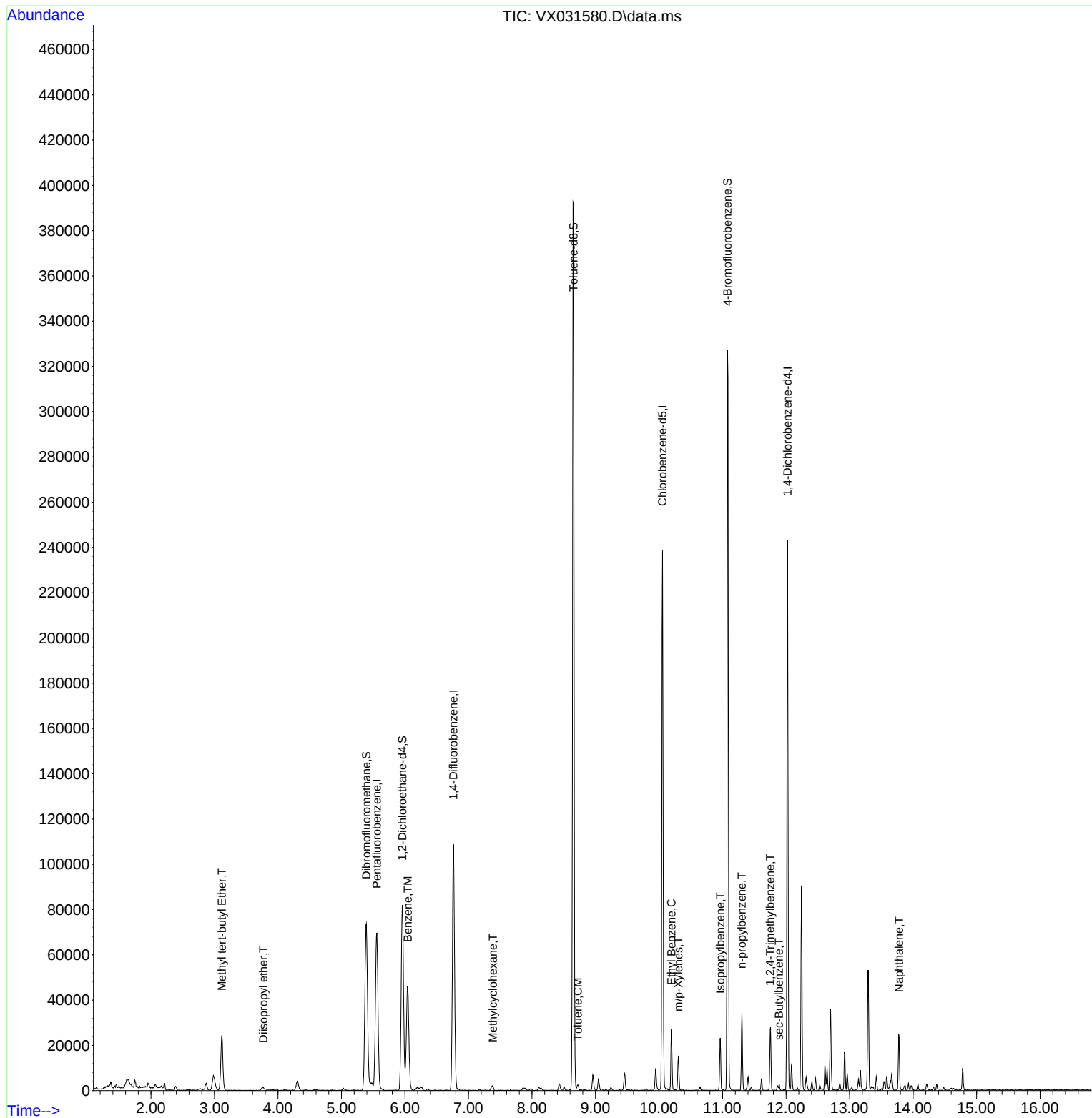
Internal Standards						
1) Pentafluorobenzene	5.556	168	69163	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	110302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71931	56.750	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.500%
35) Dibromofluoromethane	5.391	113	60276	52.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.820%
50) Toluene-d8	8.653	98	237387	54.019	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.040%
62) 4-Bromofluorobenzene	11.079	95	73875	49.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	26313	6.758	ug/l	99
22) Diisopropyl ether	3.770	45	1280	0.337	ug/l	# 71
39) Methylcyclohexane	7.385	83	809	0.375	ug/l	# 83
40) Benzene	6.044	78	55299	10.572	ug/l	97
52) Toluene	8.720	92	905	0.265	ug/l	# 74
67) Ethyl Benzene	10.195	91	14815	2.633	ug/l	99
68) m/p-Xylenes	10.305	106	3691	1.632	ug/l	90
73) Isopropylbenzene	10.963	105	11216	3.171	ug/l	100
78) n-propylbenzene	11.305	91	20580	5.058	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	12117	4.099	ug/l	98
85) sec-Butylbenzene	11.890	105	1551	0.421	ug/l	97
95) Naphthalene	13.780	128	15498	4.564	ug/l	100

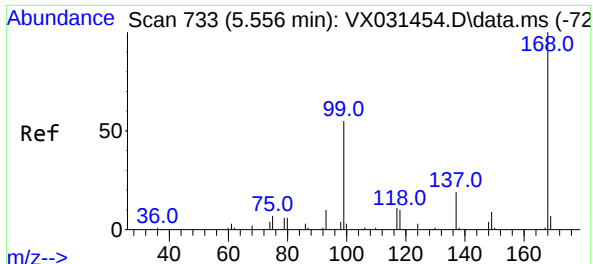
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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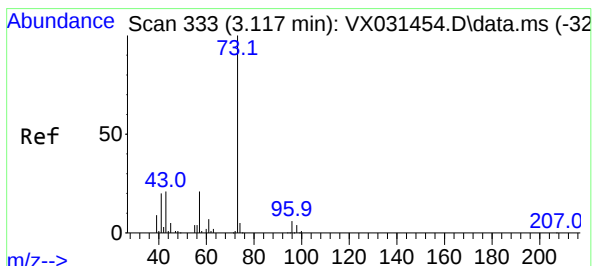
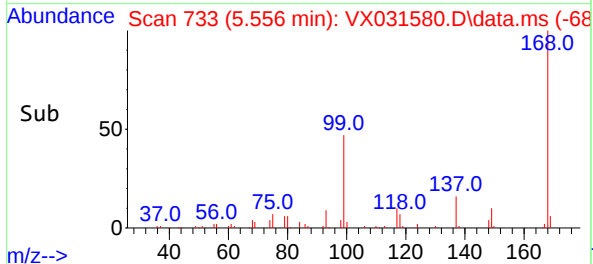
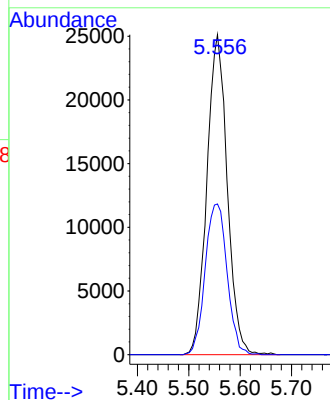
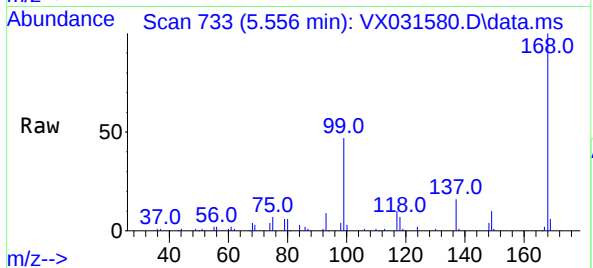




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

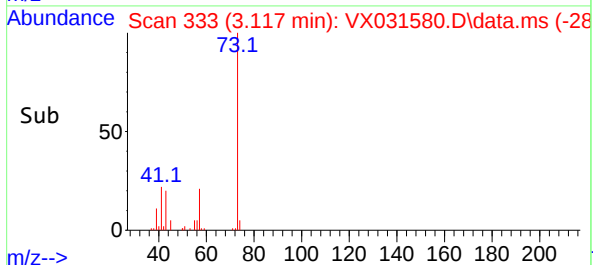
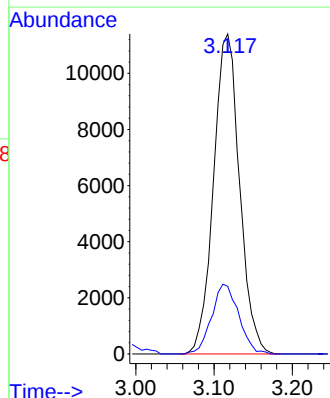
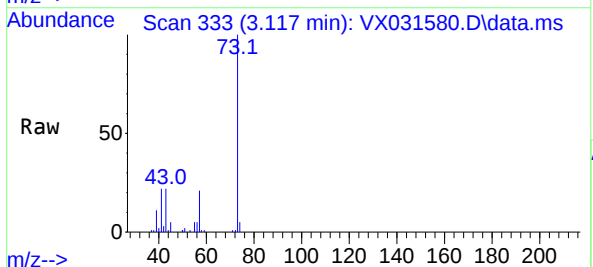
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

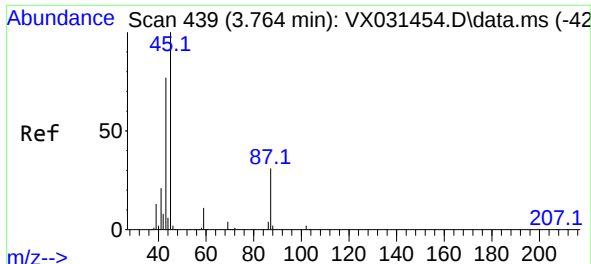
Tgt Ion:168 Resp: 69163
Ion Ratio Lower Upper
168 100
99 47.1 48.8 73.2#



#19
Methyl tert-butyl Ether
Concen: 6.758 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

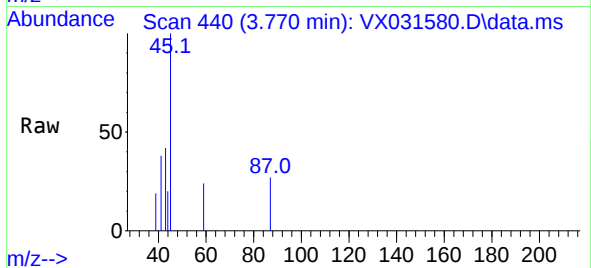
Tgt Ion: 73 Resp: 26313
Ion Ratio Lower Upper
73 100
57 21.2 17.2 25.8



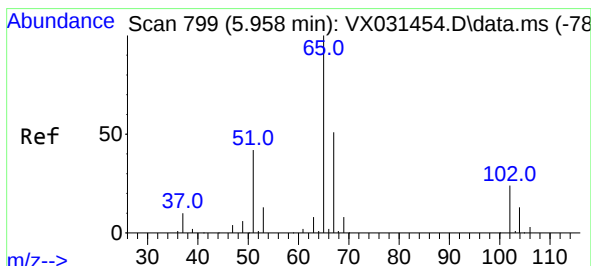
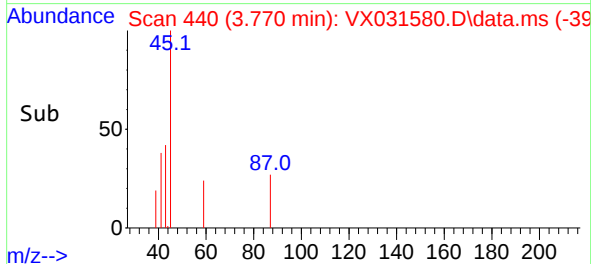
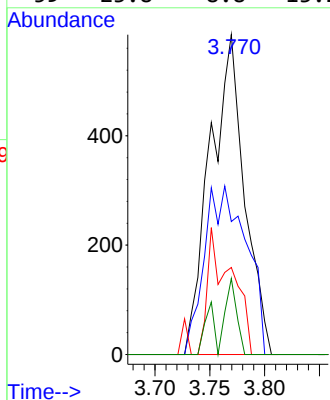


#22
Diisopropyl ether
Concen: 0.337 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-10R

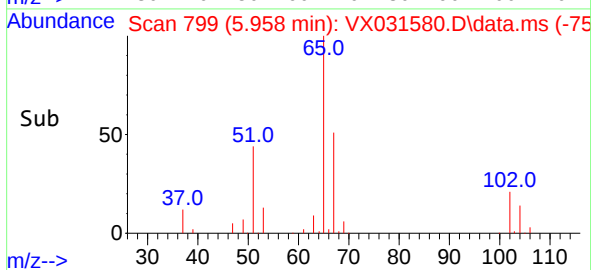
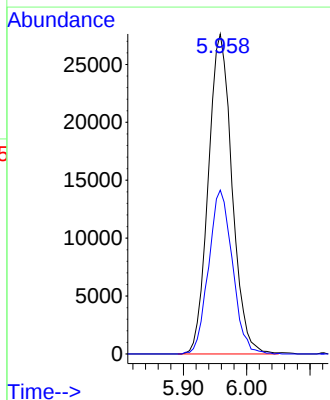
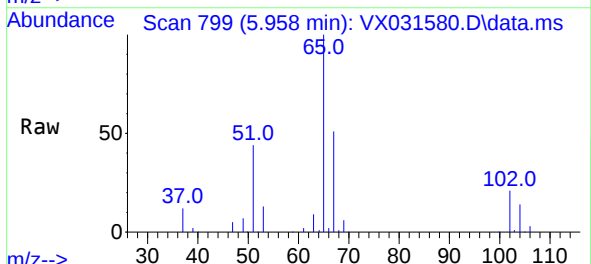


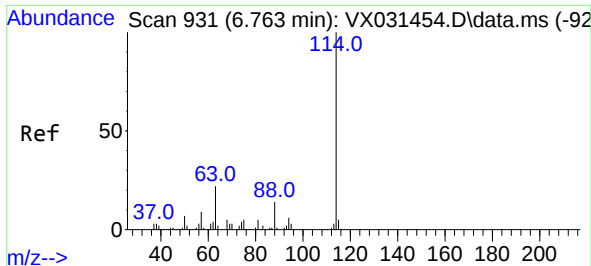
Tgt Ion: 45 Resp: 1280
Ion Ratio Lower Upper
45 100
43 41.5 59.0 88.6#
87 27.2 22.6 33.8
59 23.8 8.8 13.2#



#33
1,2-Dichloroethane-d4
Concen: 56.750 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

Tgt Ion: 65 Resp: 71931
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4

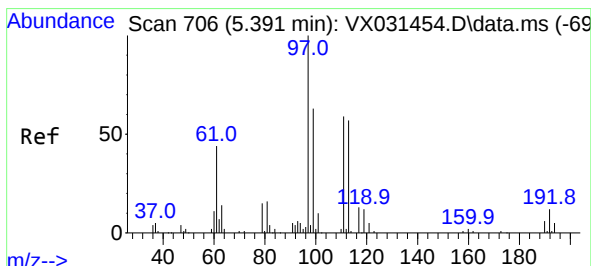
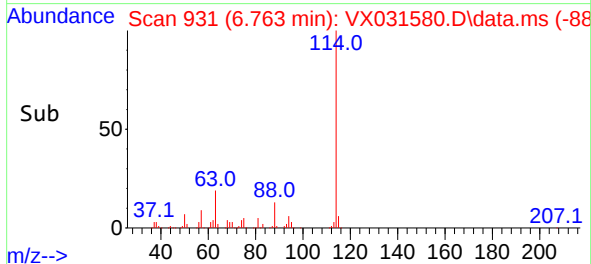
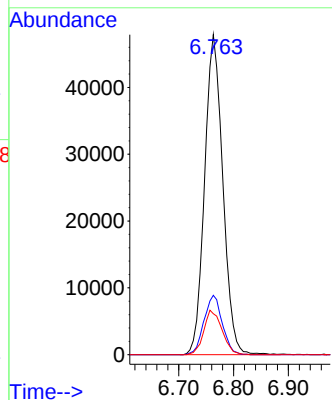
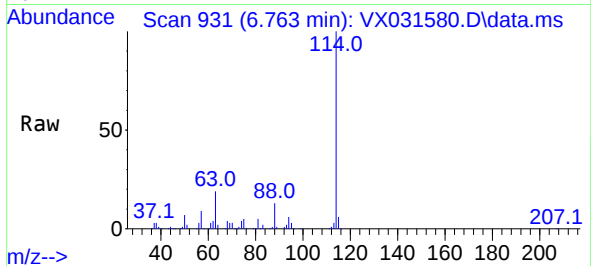




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

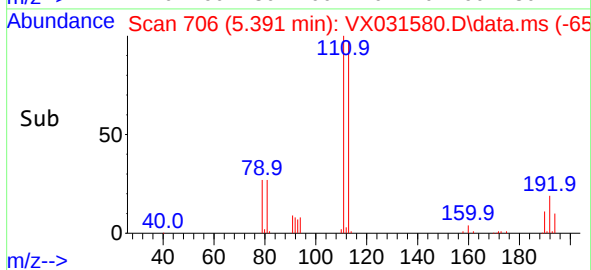
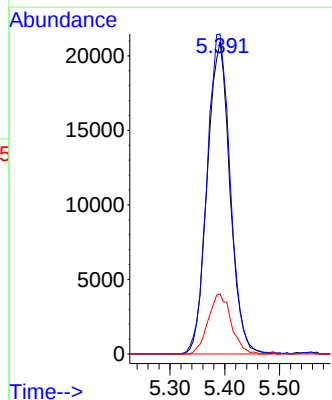
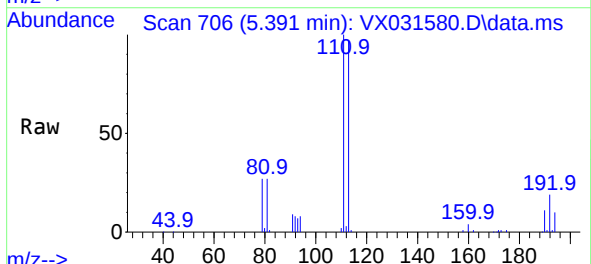
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

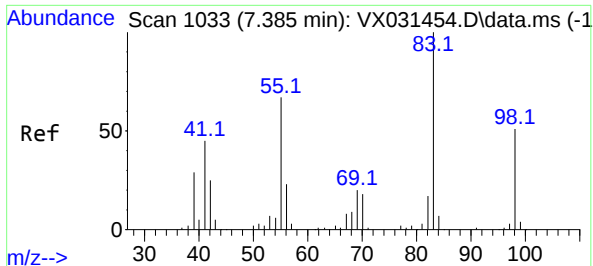
Tgt Ion:114 Resp: 110302
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.6
88 12.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.912 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

Tgt Ion:113 Resp: 60276
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 19.4 14.1 21.1





#39

Methylcyclohexane

Concen: 0.375 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031580.D

Acq: 22 Sep 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

MW-10R

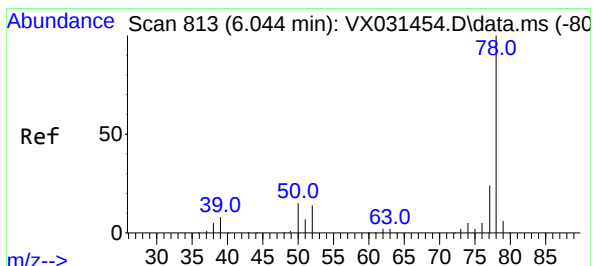
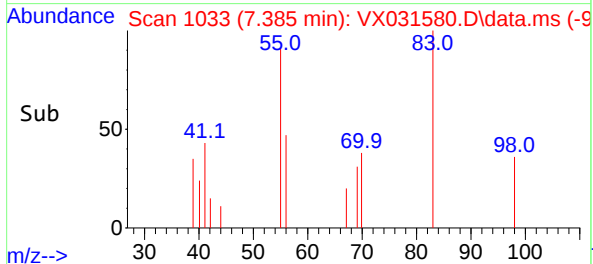
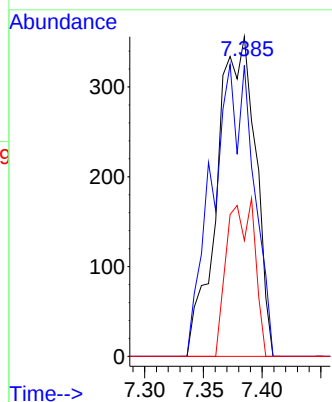
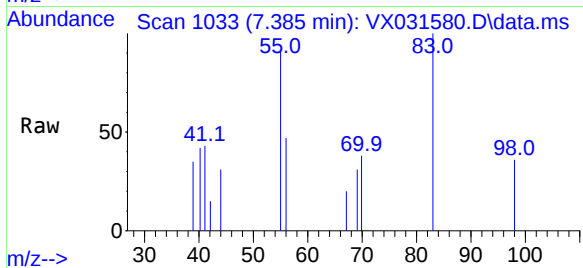
Tgt Ion: 83 Resp: 809

Ion Ratio Lower Upper

83 100

55 91.0 61.0 91.4

98 36.2 37.7 56.5#



#40

Benzene

Concen: 10.572 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX031580.D

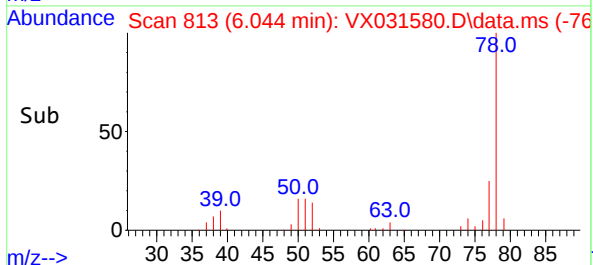
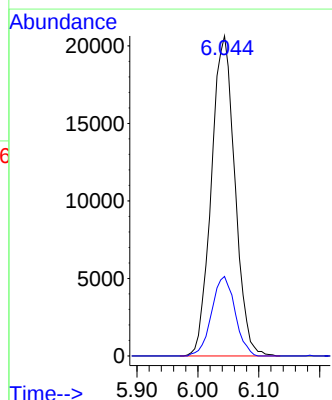
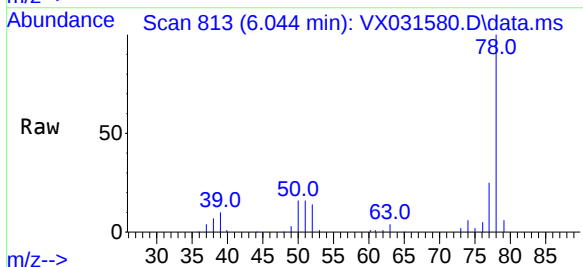
Acq: 22 Sep 2022 19:04

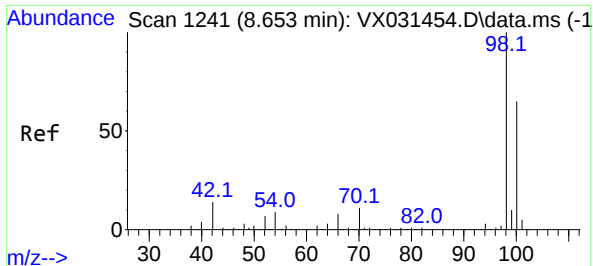
Tgt Ion: 78 Resp: 55299

Ion Ratio Lower Upper

78 100

77 24.8 18.7 28.1

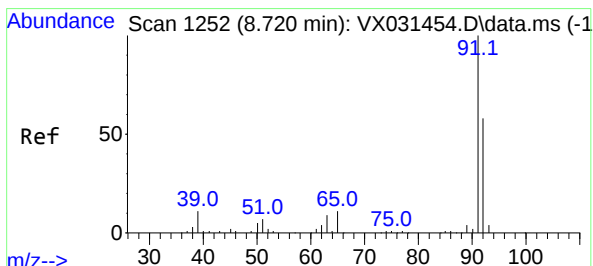
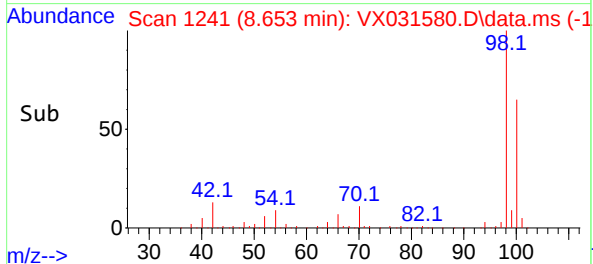
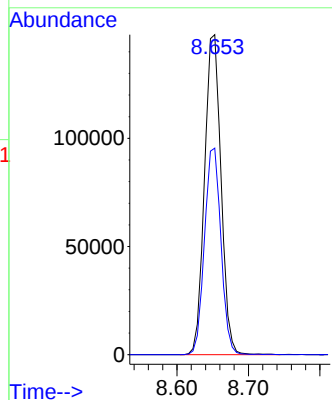
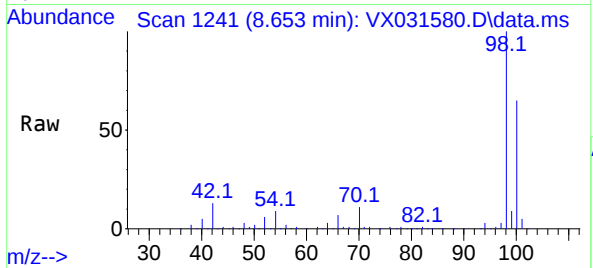




#50
Toluene-d8
Concen: 54.019 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

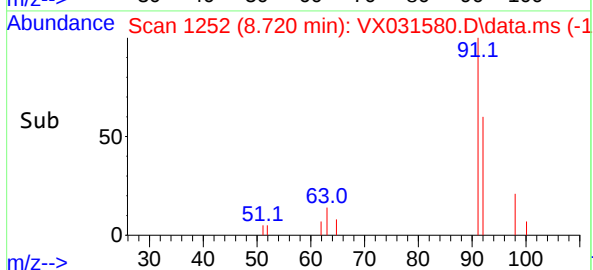
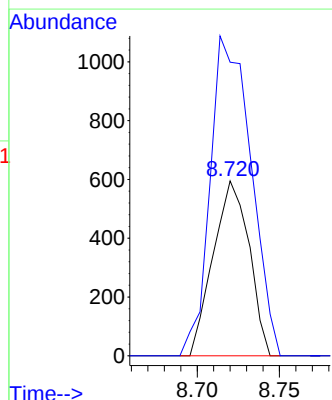
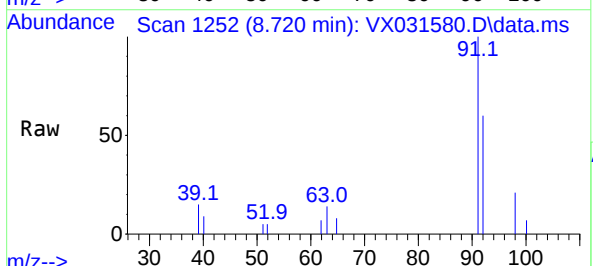
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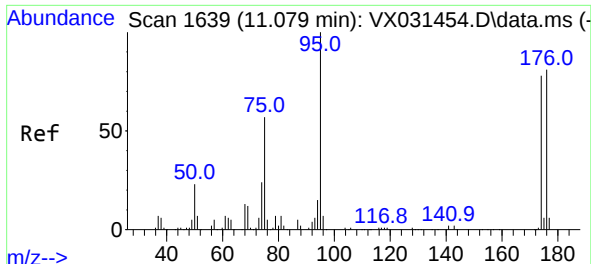
Tgt Ion: 98 Resp: 237387
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7



#52
Toluene
Concen: 0.265 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

Tgt Ion: 92 Resp: 905
Ion Ratio Lower Upper
92 100
91 207.2 137.1 205.7#

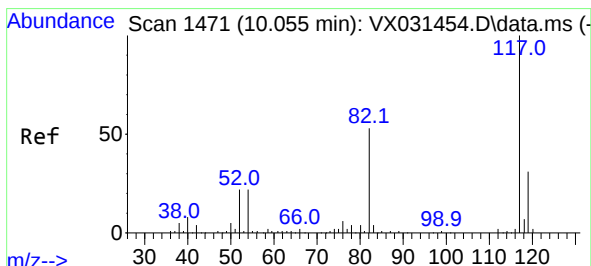
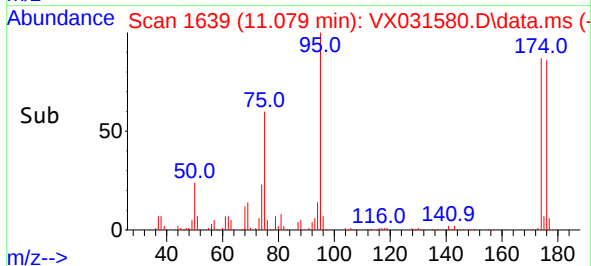
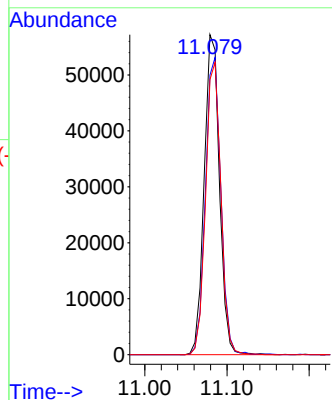
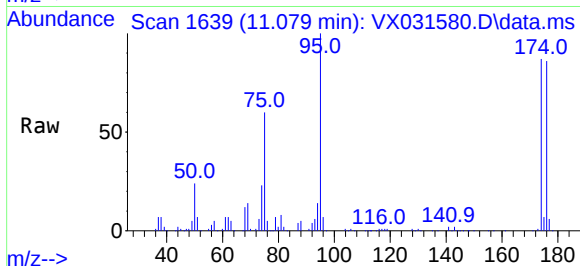




#62
4-Bromofluorobenzene
Concen: 49.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

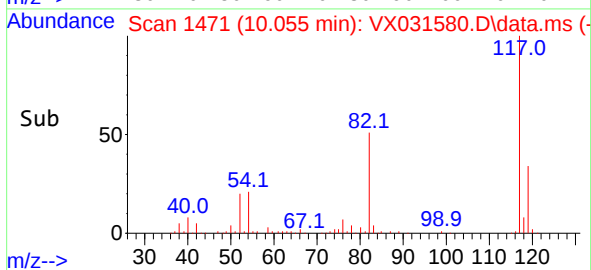
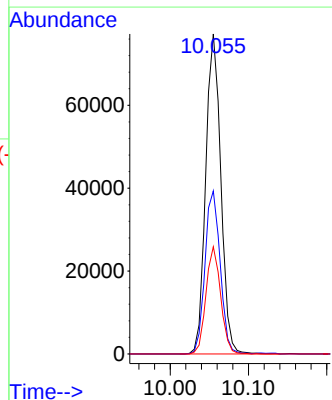
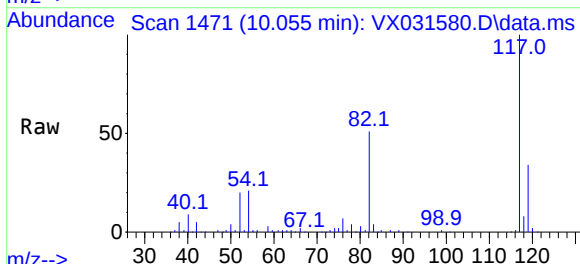
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MW-10R

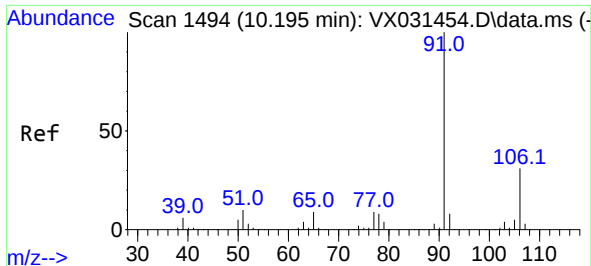
Tgt Ion: 95 Resp: 73875
Ion Ratio Lower Upper
95 100
174 93.6 0.0 153.2
176 91.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

Tgt Ion: 117 Resp: 103337
Ion Ratio Lower Upper
117 100
82 51.0 46.8 70.2
119 33.5 26.4 39.6





#67

Ethyl Benzene

Concen: 2.633 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031580.D

Acq: 22 Sep 2022 19:04

Instrument :

MSVOA_X

ClientSampleId :

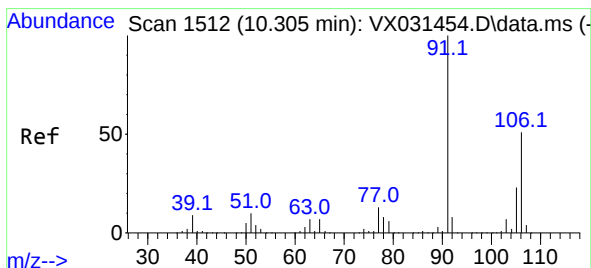
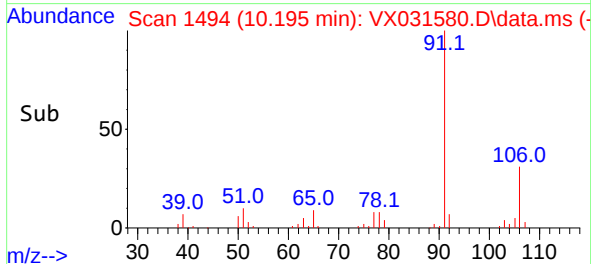
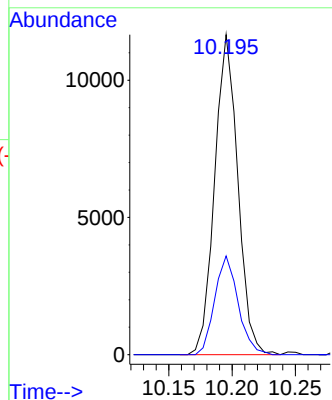
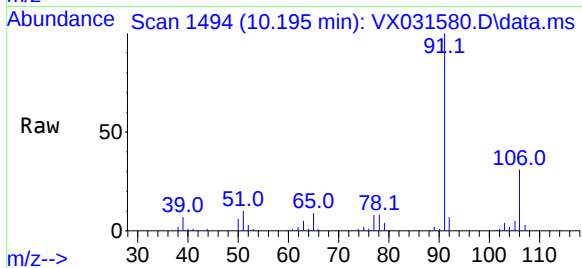
MW-10R

Tgt Ion: 91 Resp: 14815

Ion Ratio Lower Upper

91 100

106 30.9 25.2 37.8



#68

m/p-Xylenes

Concen: 1.632 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031580.D

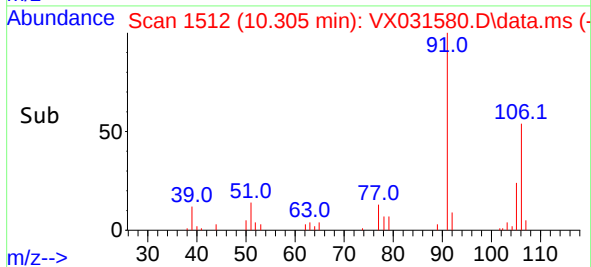
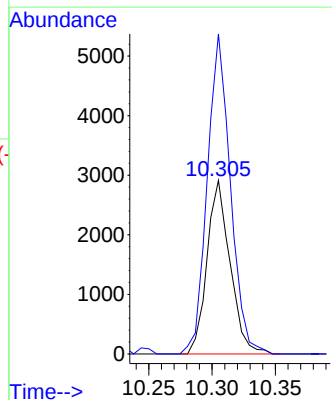
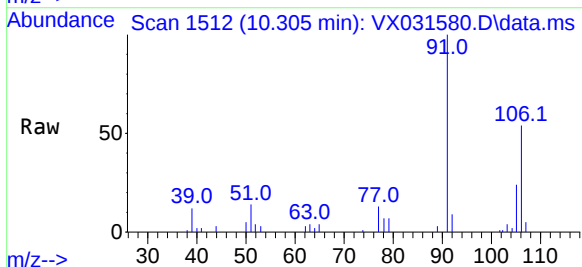
Acq: 22 Sep 2022 19:04

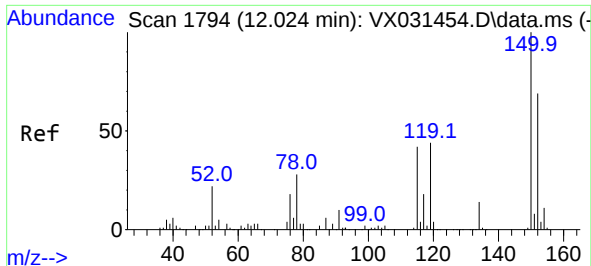
Tgt Ion: 106 Resp: 3691

Ion Ratio Lower Upper

106 100

91 185.3 161.0 241.4

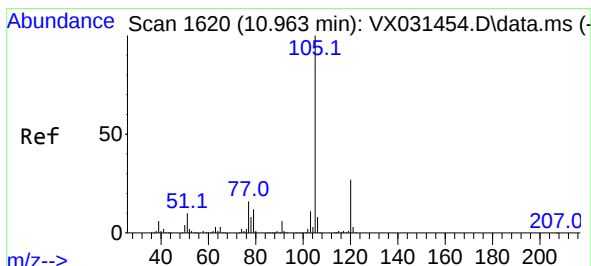
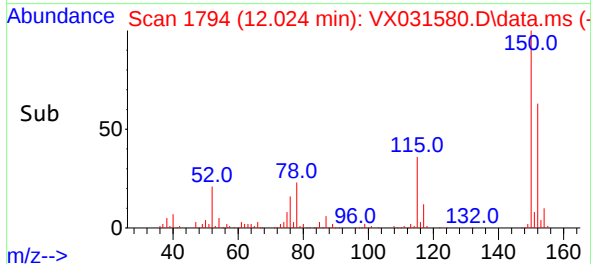
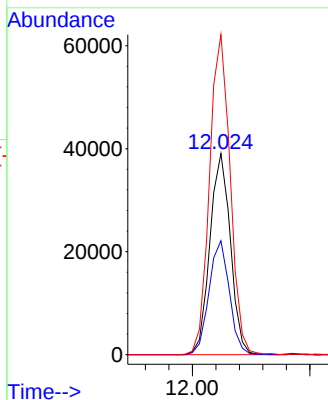
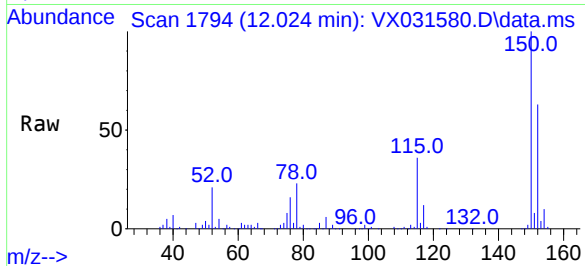




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

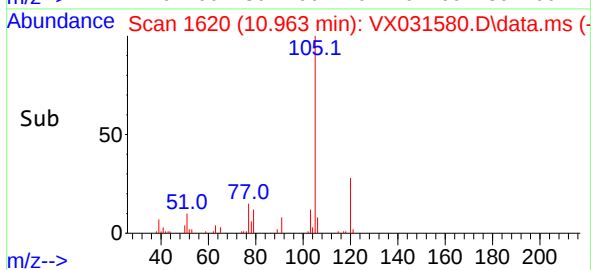
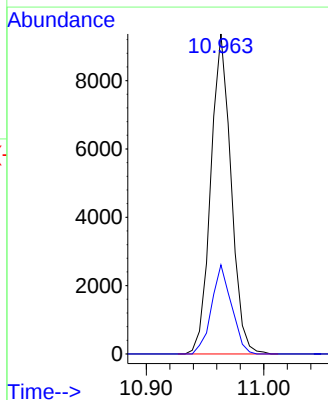
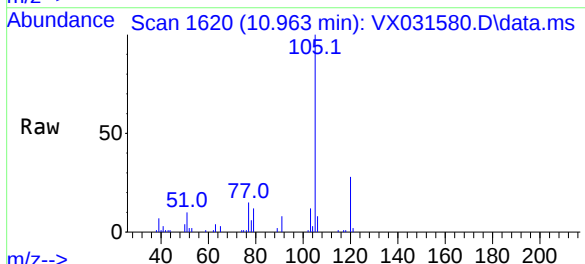
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

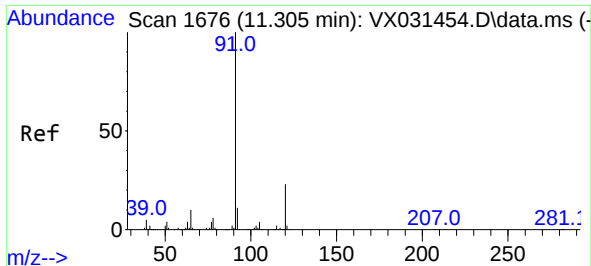
Tgt Ion:152 Resp: 47364
Ion Ratio Lower Upper
152 100
115 56.3 43.4 130.1
150 160.1 0.0 346.8



#73
Isopropylbenzene
Concen: 3.171 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

Tgt Ion:105 Resp: 11216
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.0

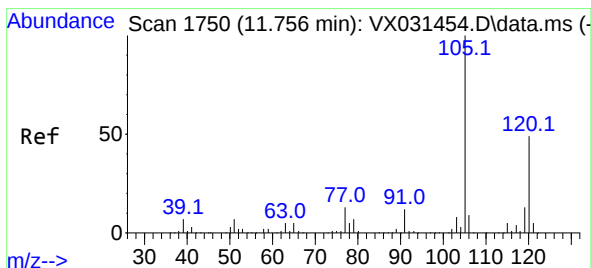
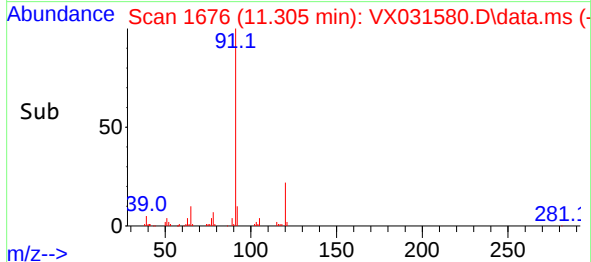
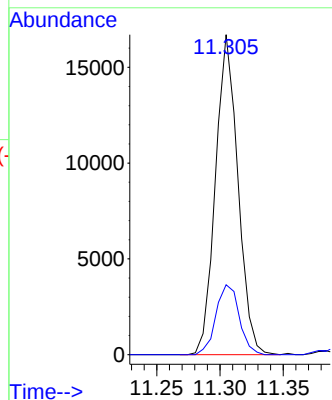
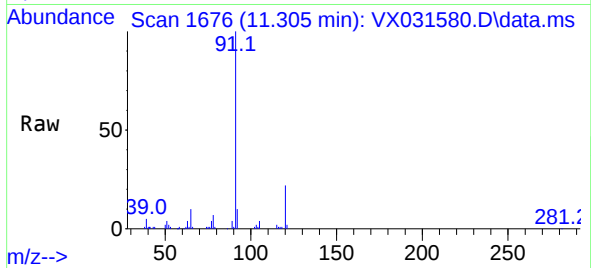




#78
n-propylbenzene
Concen: 5.058 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

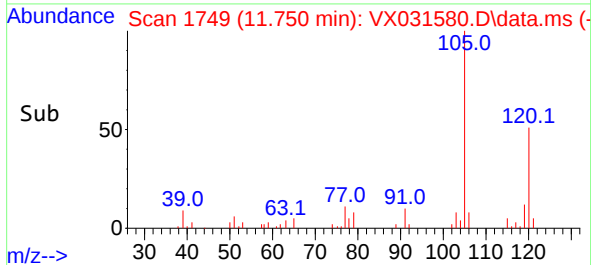
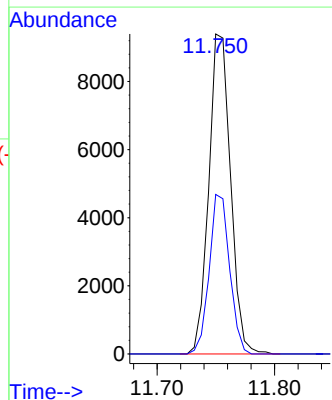
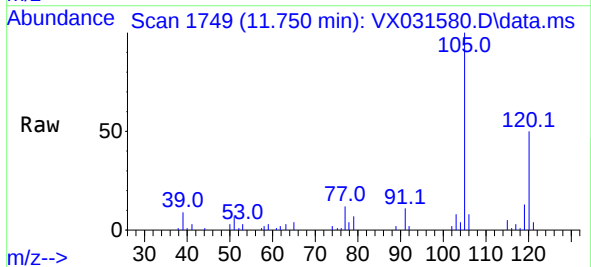
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

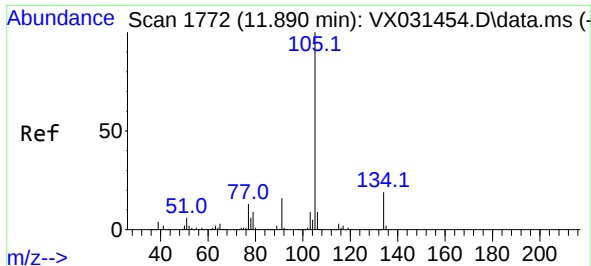
Tgt Ion: 91 Resp: 20580
Ion Ratio Lower Upper
91 100
120 22.7 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 4.099 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

Tgt Ion: 105 Resp: 12117
Ion Ratio Lower Upper
105 100
120 46.6 22.6 67.8

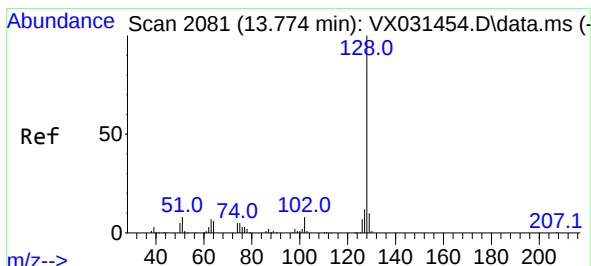
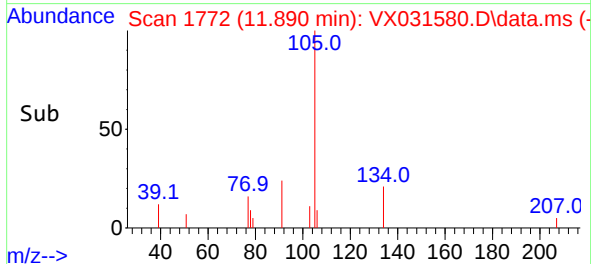
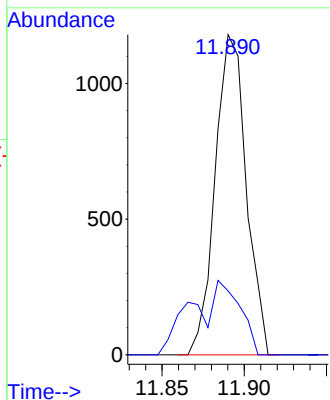
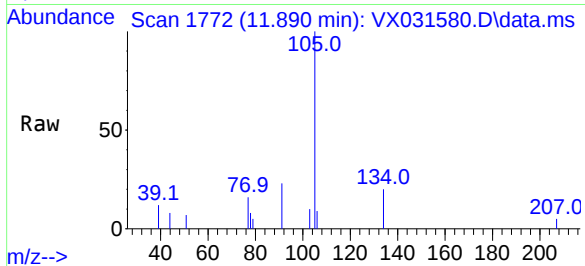




#85
sec-Butylbenzene
Concen: 0.421 ug/l
RT: 11.890 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-10R

Tgt Ion:105 Resp: 1551
Ion Ratio Lower Upper
105 100
134 19.5 10.4 31.1



#95
Naphthalene
Concen: 4.564 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031580.D
Acq: 22 Sep 2022 19:04

Tgt Ion:128 Resp: 15498
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.2 8.8 13.2

