

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031551.D
 Acq On : 22 Sep 2022 05:43
 Operator : JC/MD
 Sample : N4642-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5R

Quant Time: Sep 22 09:21:52 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)

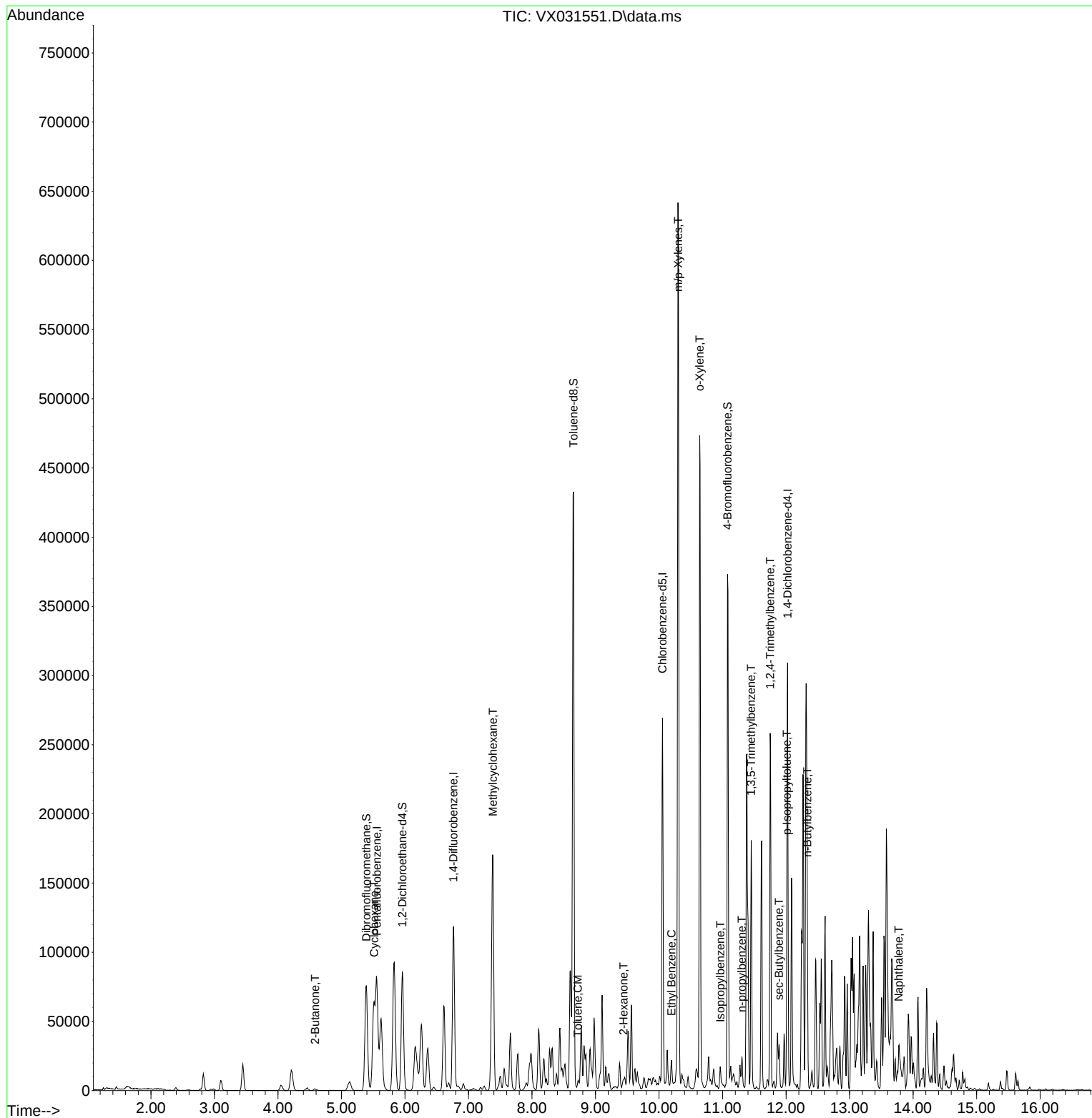
Internal Standards						
1) Pentafluorobenzene	5.556	168	74963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74606	54.259	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.520%			
35) Dibromofluoromethane	5.391	113	63031	49.908	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.820%			
50) Toluene-d8	8.653	98	251198	51.603	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.200%			
62) 4-Bromofluorobenzene	11.079	95	84187	51.056	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.120%			
Target Compounds						
					Qvalue	
25) 2-Butanone	4.586	43	1861	1.753	ug/l	99
31) Cyclohexane	5.513	56	14411	7.068	ug/l #	40
39) Methylcyclohexane	7.385	83	74380	31.126	ug/l	96
52) Toluene	8.720	92	1733	0.459	ug/l	98
59) 2-Hexanone	9.439	43	2165	1.259	ug/l	96
67) Ethyl Benzene	10.195	91	9523	1.517	ug/l	96
68) m/p-Xylenes	10.299	106	143425	56.834	ug/l	99
69) o-Xylene	10.640	106	101973	42.335	ug/l	96
73) Isopropylbenzene	10.963	105	7837	1.759	ug/l	96
78) n-propylbenzene	11.305	91	11765	2.295	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	71105	18.807	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	109265	29.345	ug/l	98
85) sec-Butylbenzene	11.890	105	13533	2.918	ug/l #	56
86) p-Isopropyltoluene	12.012	119	6638	1.695	ug/l	92
89) n-Butylbenzene	12.335	91	68852	20.641	ug/l #	52
95) Naphthalene	13.774	128	18616	4.353	ug/l #	90

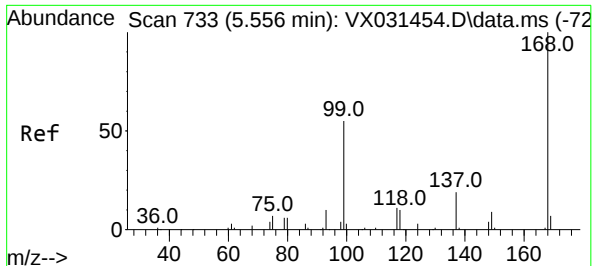
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
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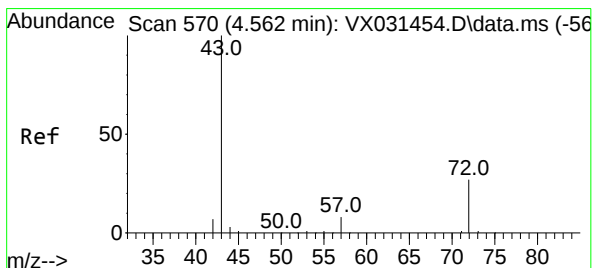
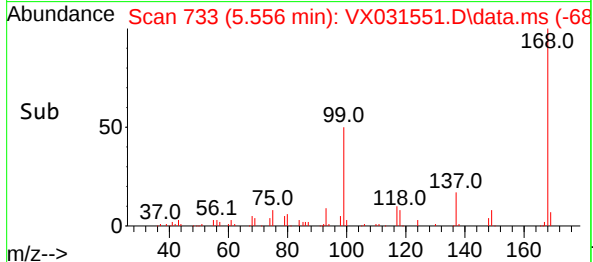
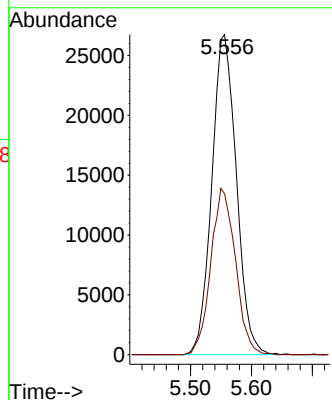
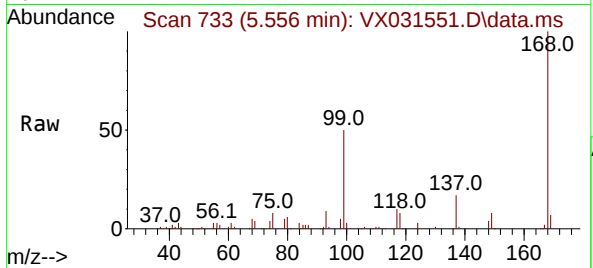




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

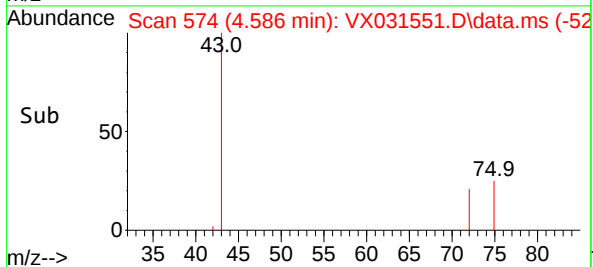
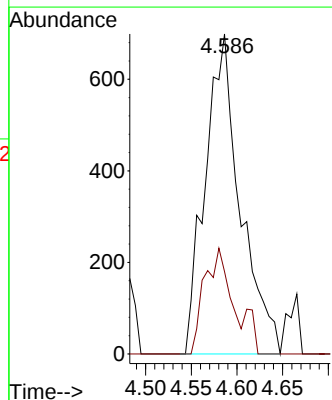
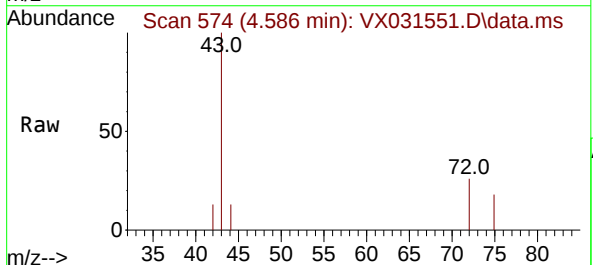
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

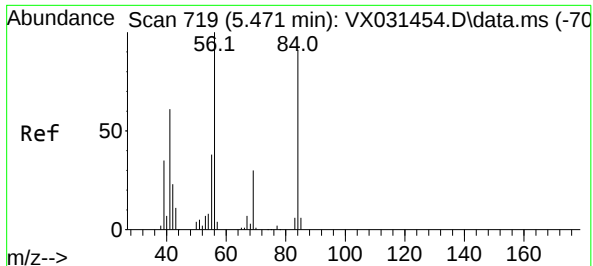
Tgt Ion:168 Resp: 74963
Ion Ratio Lower Upper
168 100
99 50.3 48.8 73.2



#25
2-Butanone
Concen: 1.753 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
72 25.8 21.1 31.7

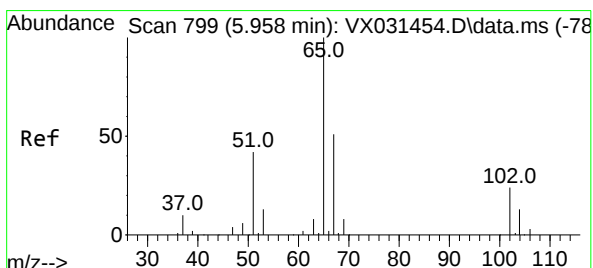
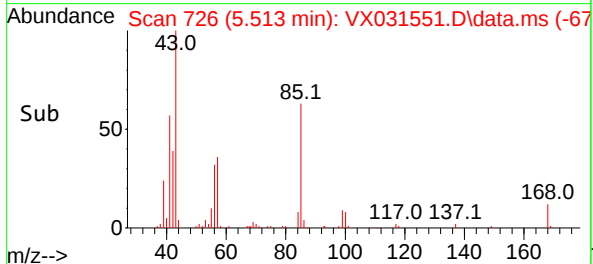
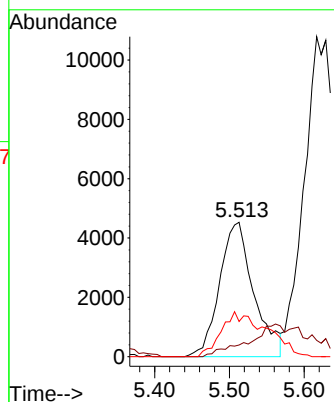
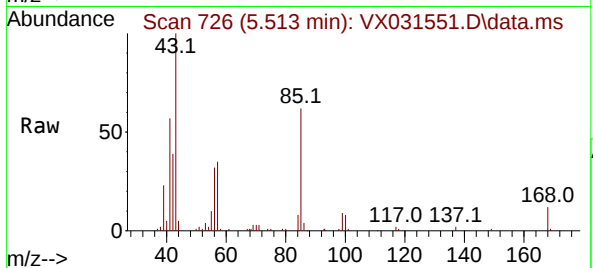




#31
Cyclohexane
Concen: 7.068 ug/l
RT: 5.513 min Scan# 719
Delta R.T. 0.042 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

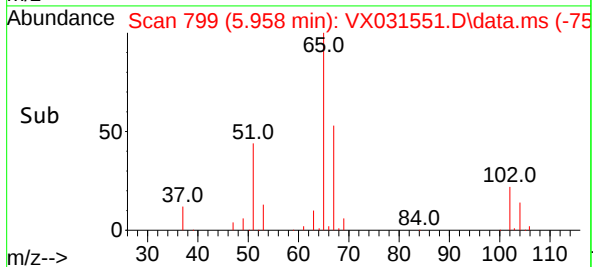
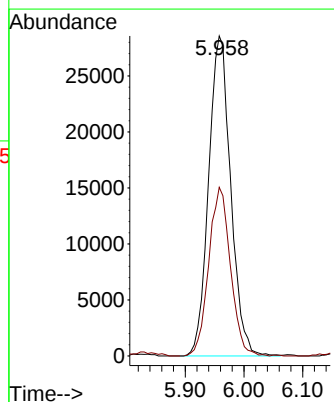
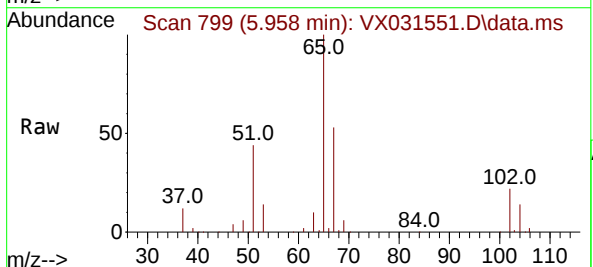
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

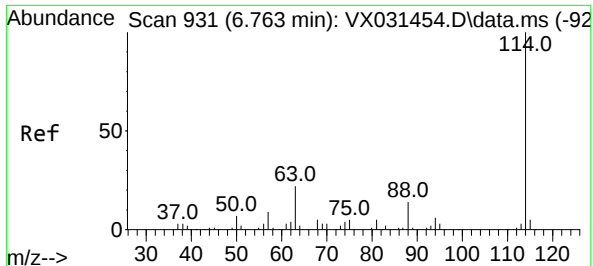
Tgt Ion: 56 Resp: 14411
Ion Ratio Lower Upper
56 100
69 8.7 25.1 37.7#
84 26.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.259 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

Tgt Ion: 65 Resp: 74606
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4

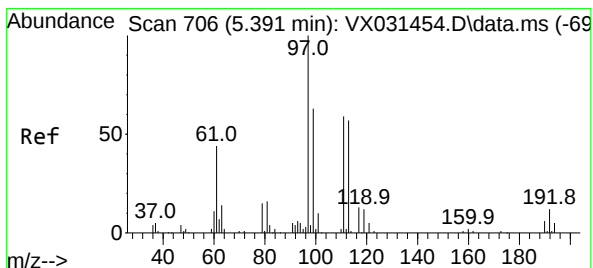
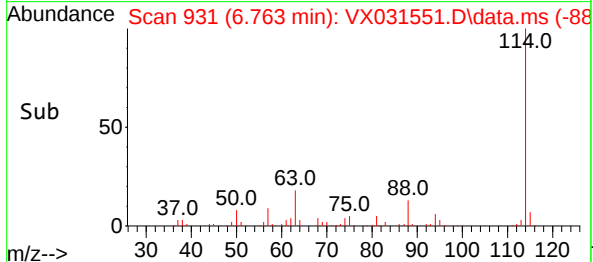
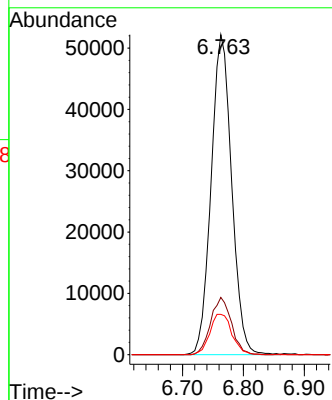
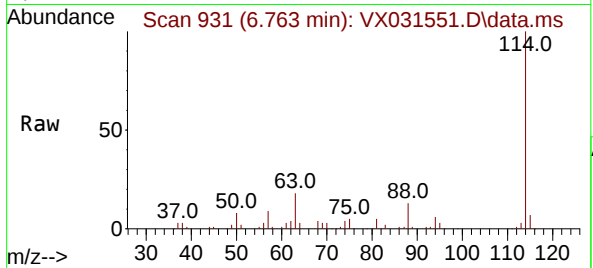




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

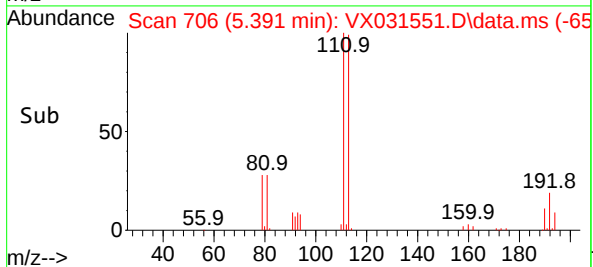
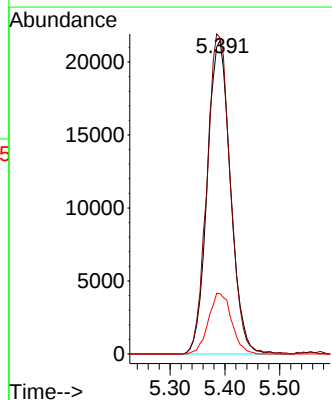
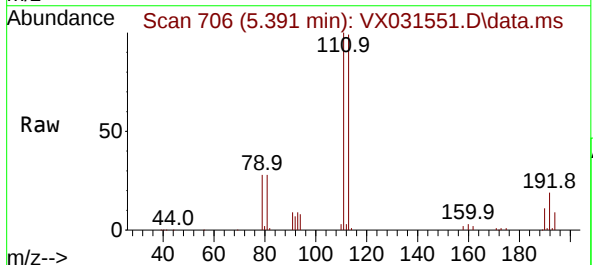
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

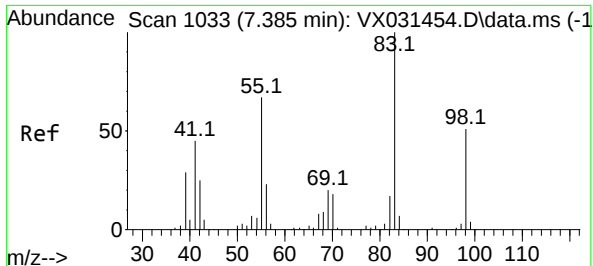
Tgt Ion:114 Resp: 122184
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.6
88 12.6 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.908 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

Tgt Ion:113 Resp: 63031
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 19.3 14.1 21.1





#39

Methylcyclohexane

Concen: 31.126 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031551.D

Acq: 22 Sep 2022 05:43

Instrument :

MSVOA_X

ClientSampleId :

MW-5R

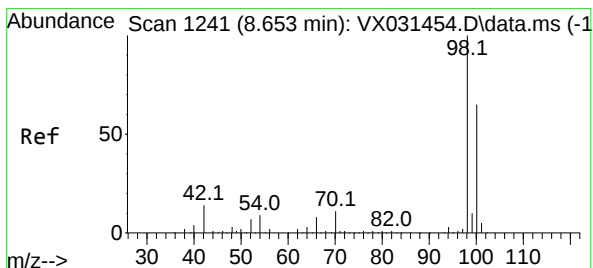
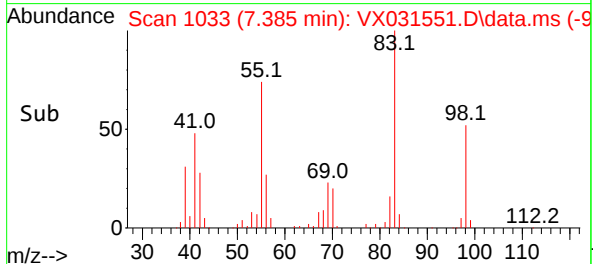
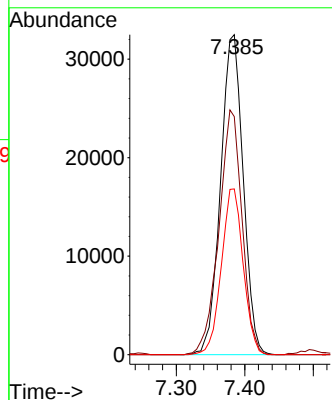
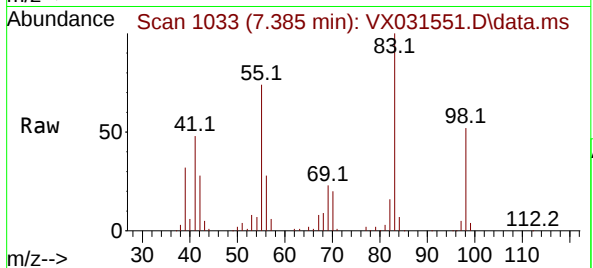
Tgt Ion: 83 Resp: 74380

Ion Ratio Lower Upper

83 100

55 74.4 61.0 91.4

98 51.8 37.7 56.5



#50

Toluene-d8

Concen: 51.603 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031551.D

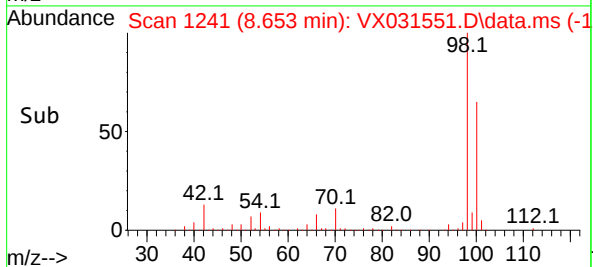
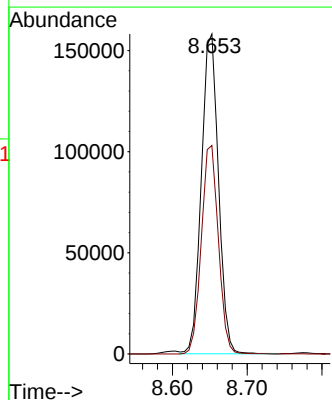
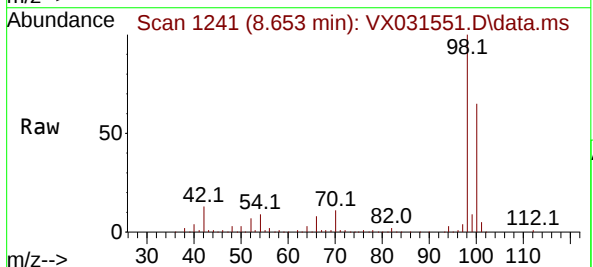
Acq: 22 Sep 2022 05:43

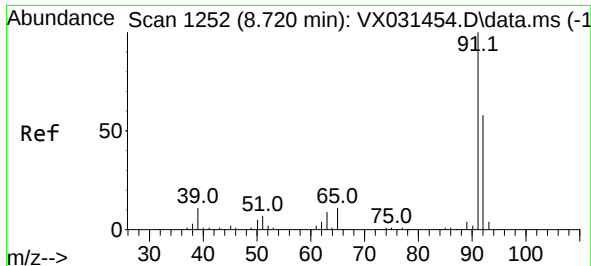
Tgt Ion: 98 Resp: 251198

Ion Ratio Lower Upper

98 100

100 64.9 52.5 78.7





#52

Toluene

Concen: 0.459 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031551.D

Acq: 22 Sep 2022 05:43

Instrument :

MSVOA_X

ClientSampleId :

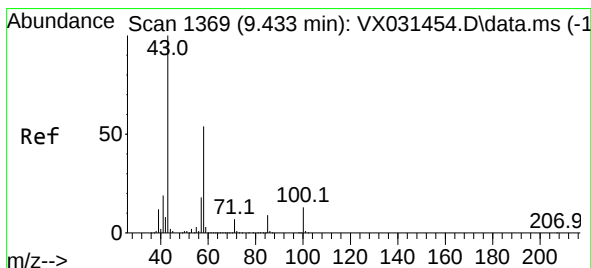
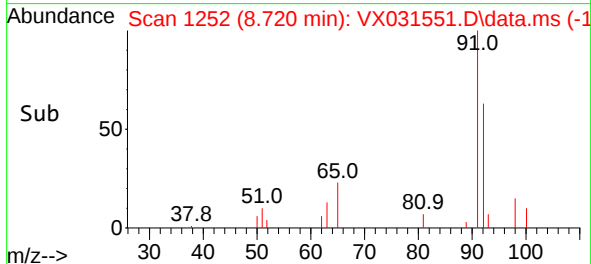
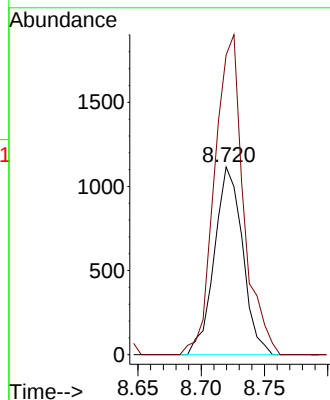
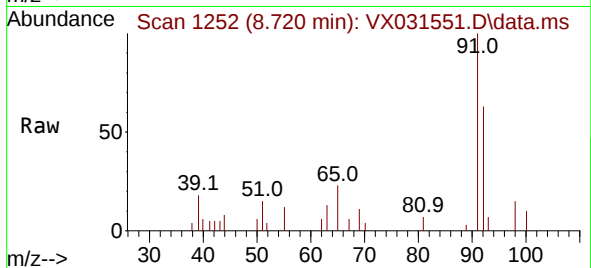
MW-5R

Tgt Ion: 92 Resp: 1733

Ion Ratio Lower Upper

92 100

91 174.1 137.1 205.7



#59

2-Hexanone

Concen: 1.259 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX031551.D

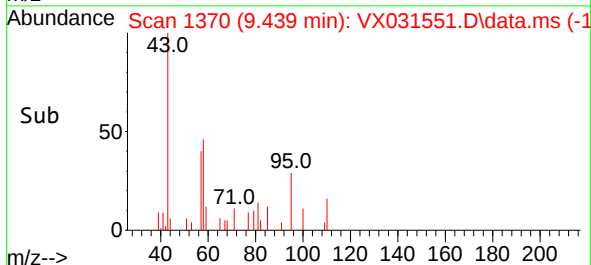
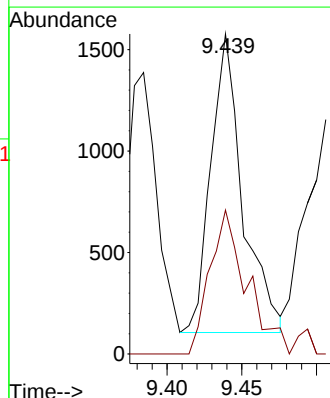
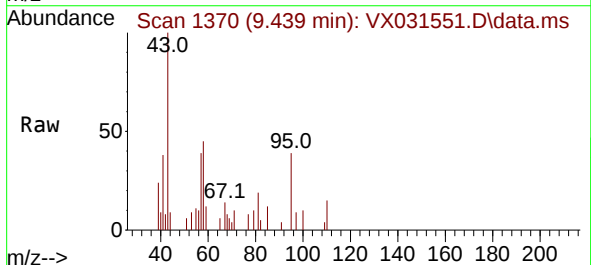
Acq: 22 Sep 2022 05:43

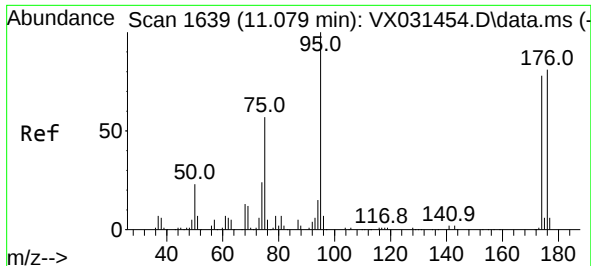
Tgt Ion: 43 Resp: 2165

Ion Ratio Lower Upper

43 100

58 56.2 26.7 80.0

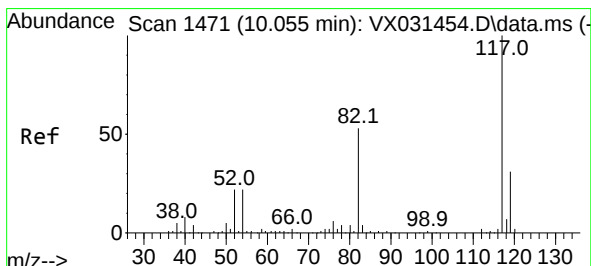
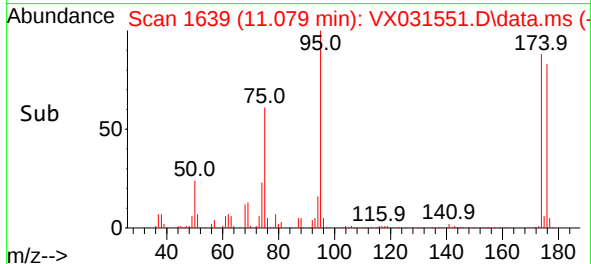
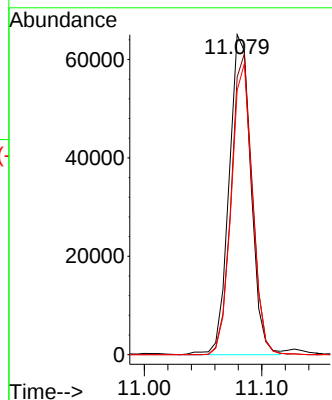
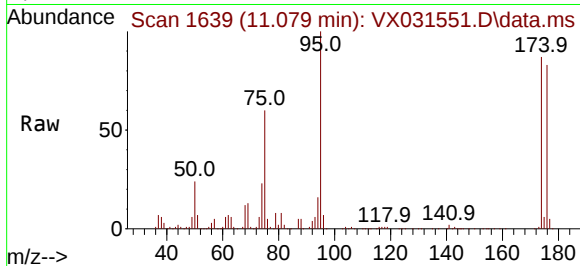




#62
4-Bromofluorobenzene
Concen: 51.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

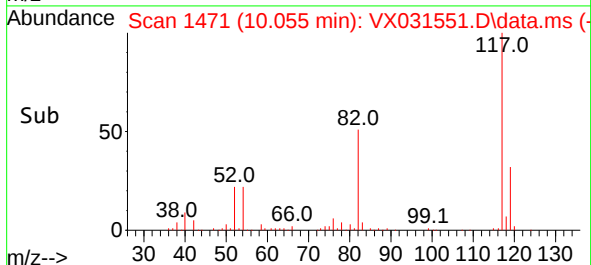
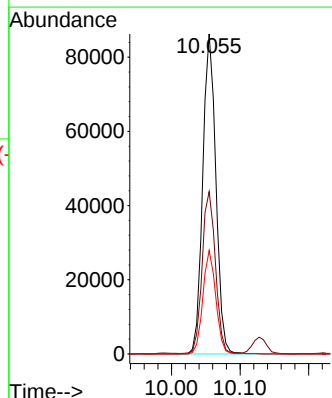
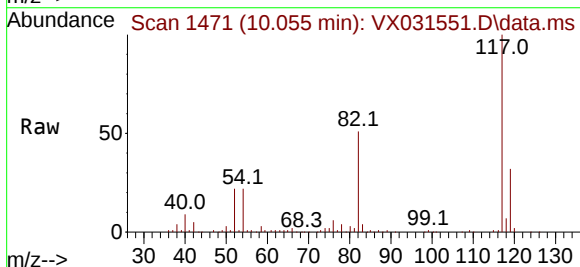
Instrument :
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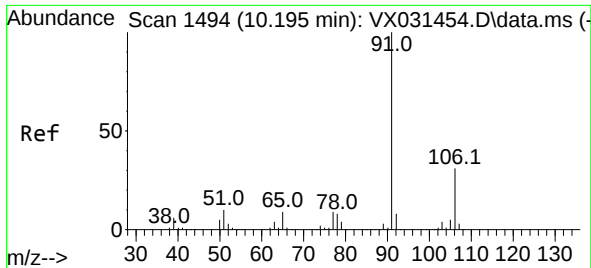
Tgt Ion: 95 Resp: 84187
Ion Ratio Lower Upper
95 100
174 90.9 0.0 153.2
176 87.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

Tgt Ion: 117 Resp: 115332
Ion Ratio Lower Upper
117 100
82 50.6 46.8 70.2
119 32.3 26.4 39.6





#67

Ethyl Benzene

Concen: 1.517 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031551.D

Acq: 22 Sep 2022 05:43

Instrument :

MSVOA_X

ClientSampleId :

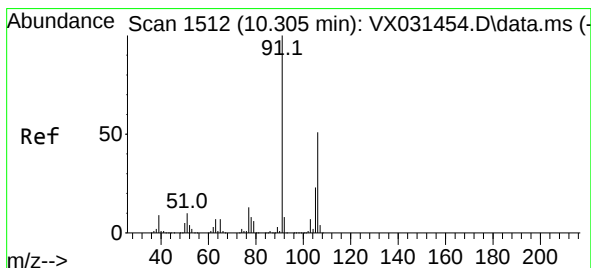
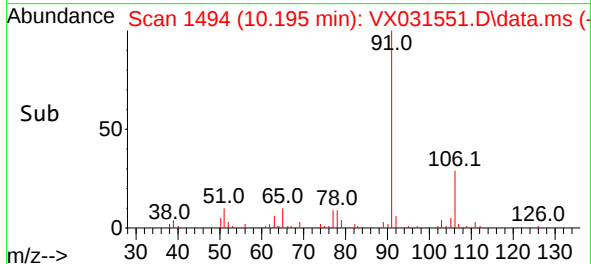
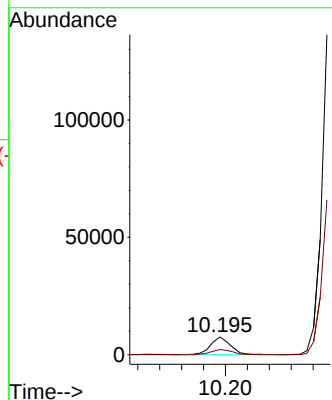
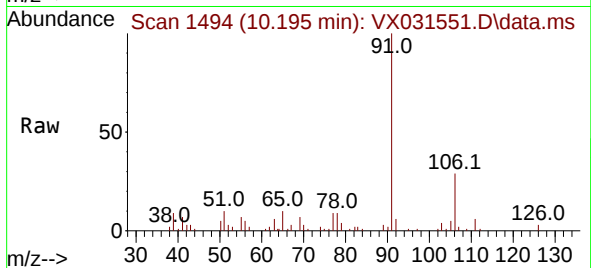
MW-5R

Tgt Ion: 91 Resp: 9523

Ion Ratio Lower Upper

91 100

106 29.3 25.2 37.8



#68

m/p-Xylenes

Concen: 56.834 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX031551.D

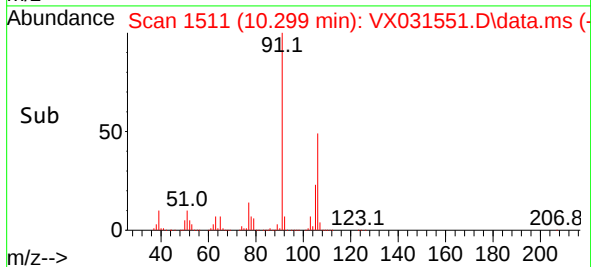
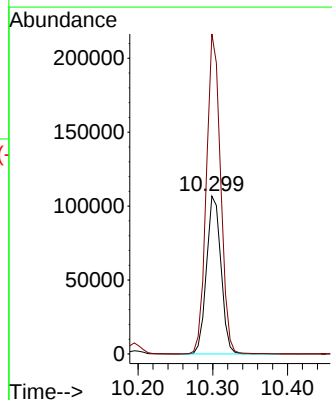
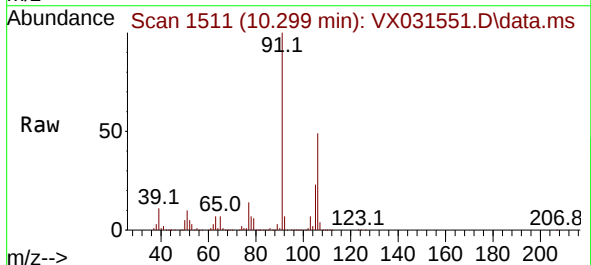
Acq: 22 Sep 2022 05:43

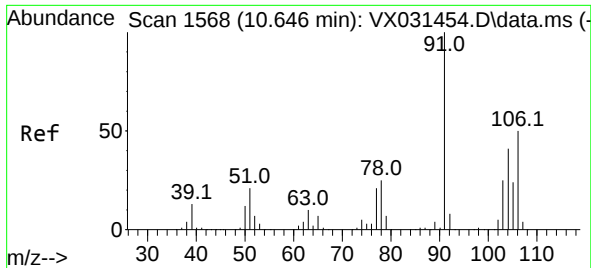
Tgt Ion: 106 Resp: 143425

Ion Ratio Lower Upper

106 100

91 199.2 161.0 241.4

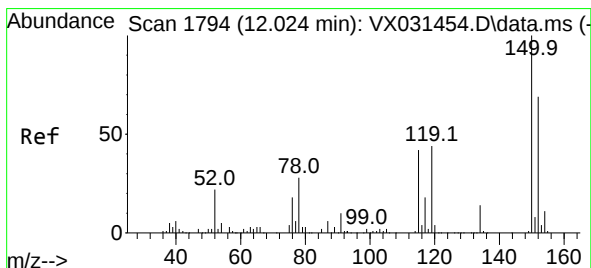
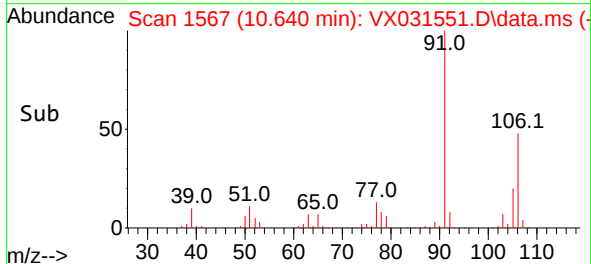
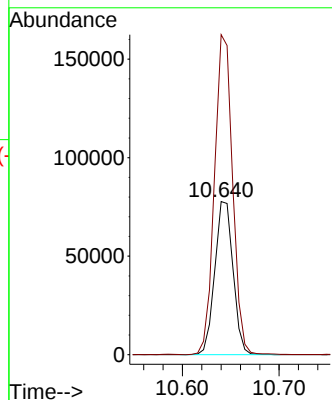
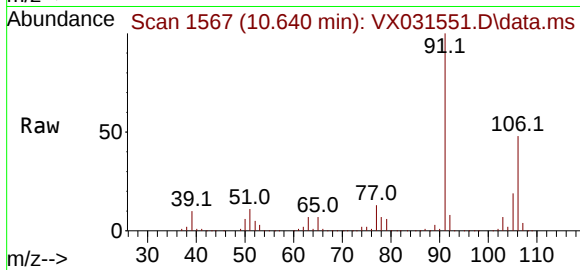




#69
o-Xylene
Concen: 42.335 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

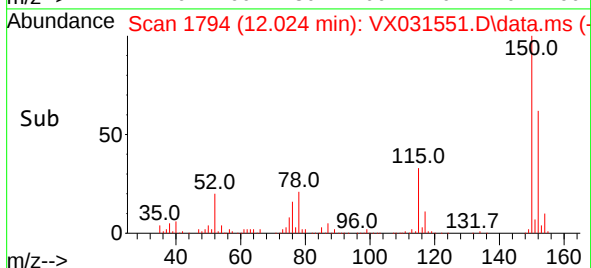
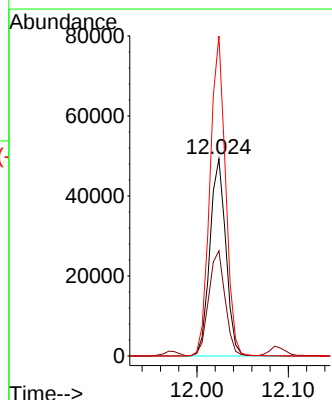
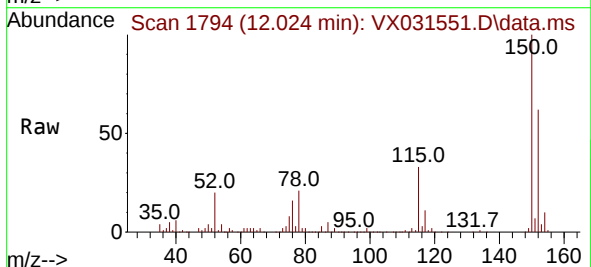
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

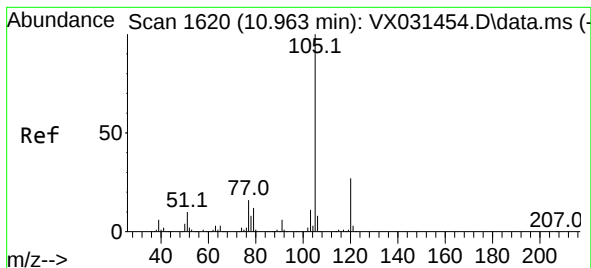
Tgt Ion:106 Resp: 101973
Ion Ratio Lower Upper
106 100
91 207.6 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

Tgt Ion:152 Resp: 59659
Ion Ratio Lower Upper
152 100
115 55.1 43.4 130.1
150 158.2 0.0 346.8





#73

Isopropylbenzene

Concen: 1.759 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031551.D

Acq: 22 Sep 2022 05:43

Instrument :

MSVOA_X

ClientSampleId :

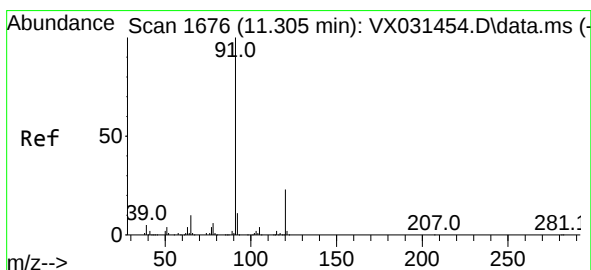
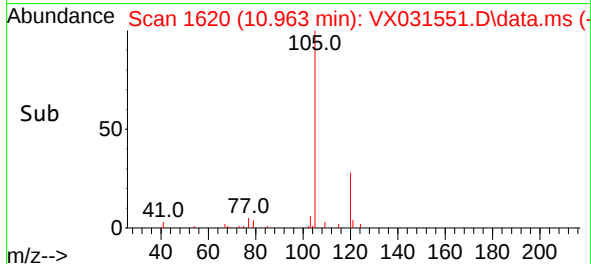
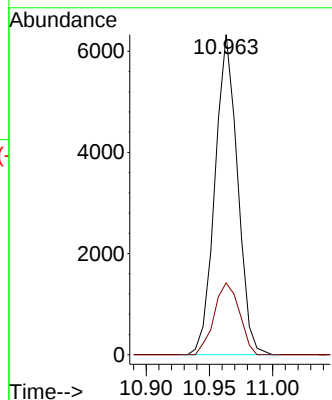
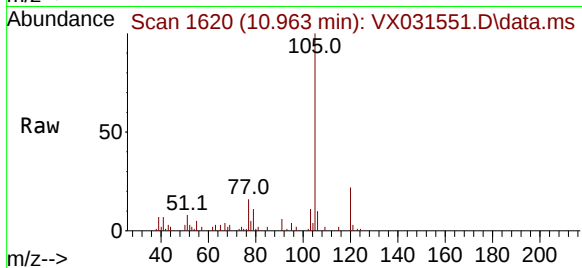
MW-5R

Tgt Ion:105 Resp: 7837

Ion Ratio Lower Upper

105 100

120 25.1 13.7 41.0



#78

n-propylbenzene

Concen: 2.295 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031551.D

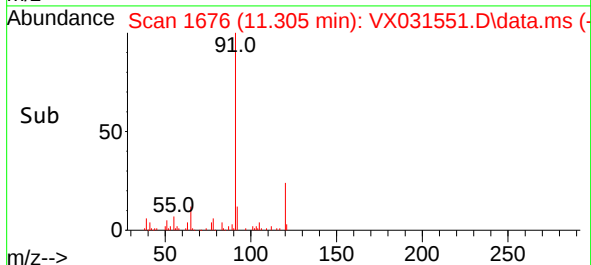
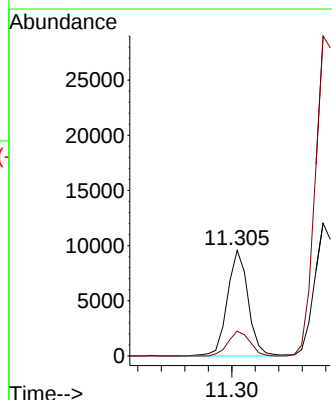
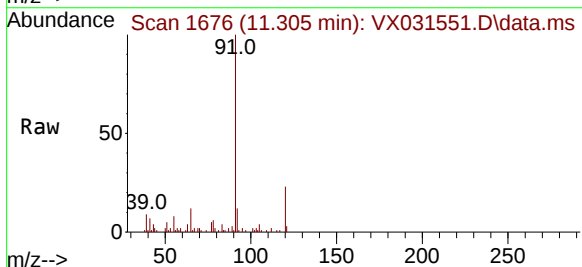
Acq: 22 Sep 2022 05:43

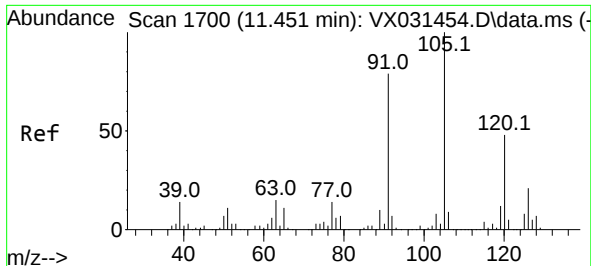
Tgt Ion: 91 Resp: 11765

Ion Ratio Lower Upper

91 100

120 24.7 11.8 35.4

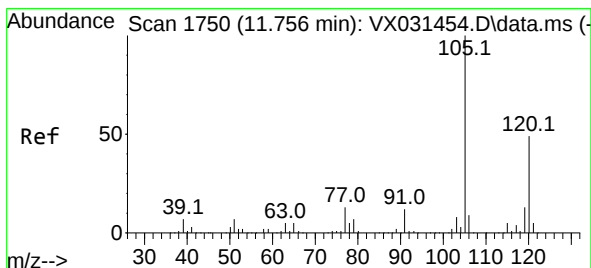
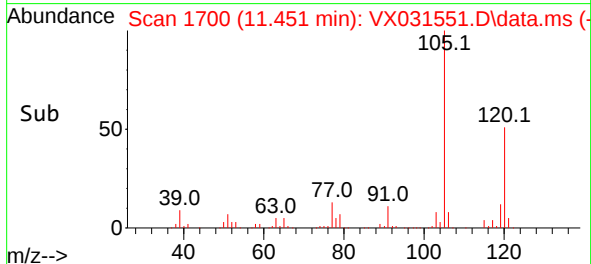
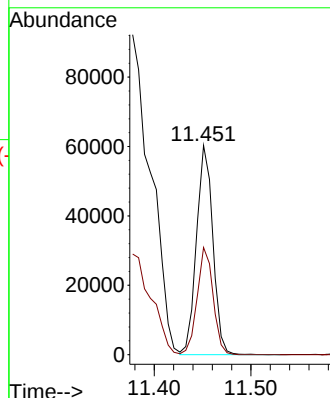
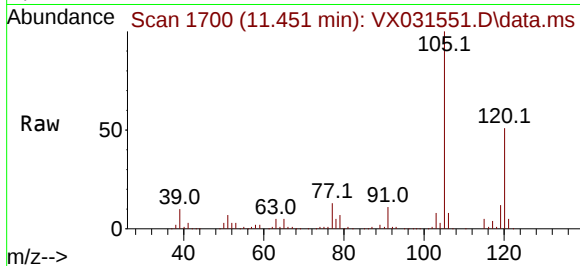




#80
 1,3,5-Trimethylbenzene
 Concen: 18.807 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031551.D
 Acq: 22 Sep 2022 05:43

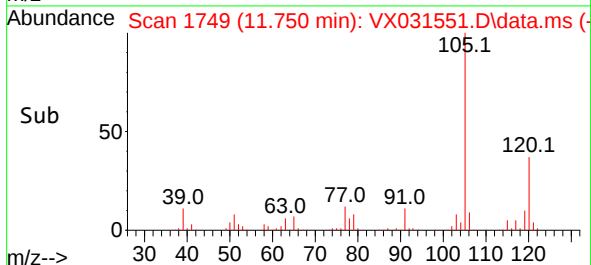
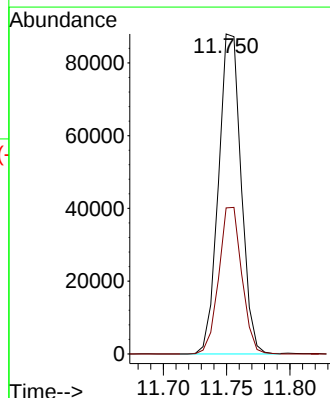
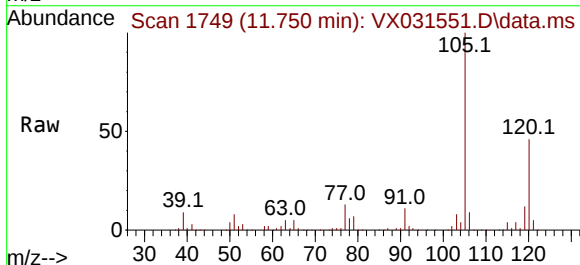
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5R

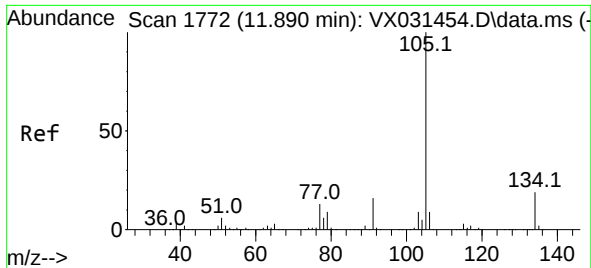
Tgt Ion:105 Resp: 71105
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.5 73.5



#84
 1,2,4-Trimethylbenzene
 Concen: 29.345 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VX031551.D
 Acq: 22 Sep 2022 05:43

Tgt Ion:105 Resp: 109265
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.6 67.8

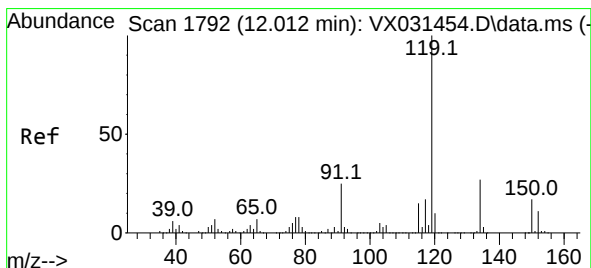
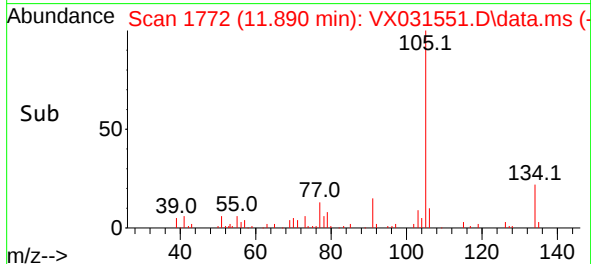
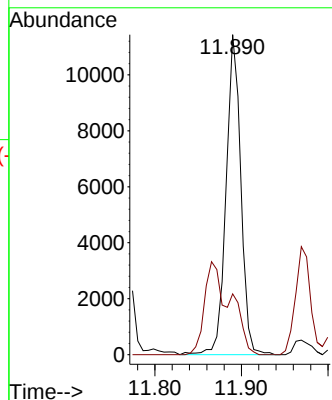
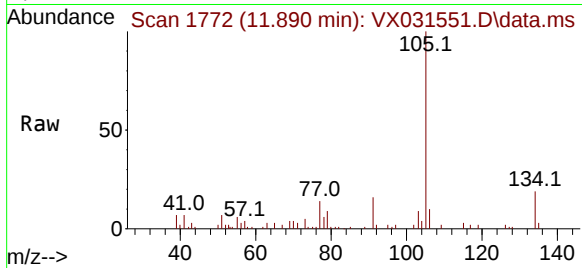




#85
 sec-Butylbenzene
 Concen: 2.918 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX031551.D
 Acq: 22 Sep 2022 05:43

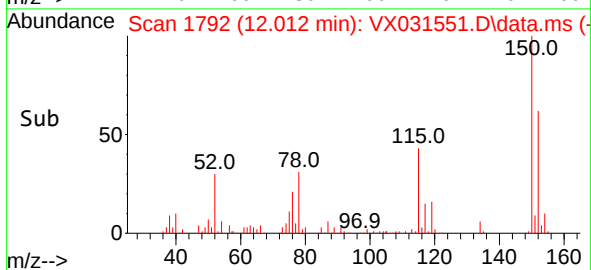
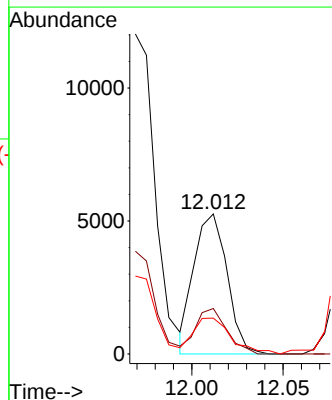
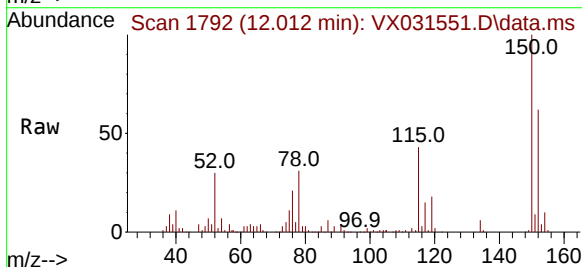
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5R

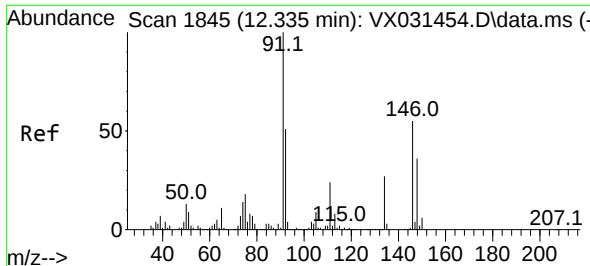
Tgt Ion:105 Resp: 13533
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.695 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX031551.D
 Acq: 22 Sep 2022 05:43

Tgt Ion:119 Resp: 6638
 Ion Ratio Lower Upper
 119 100
 134 30.6 13.4 40.2
 91 29.1 12.4 37.2

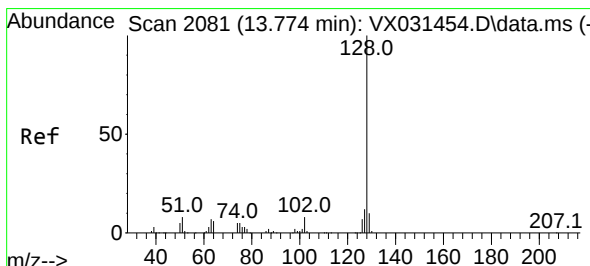
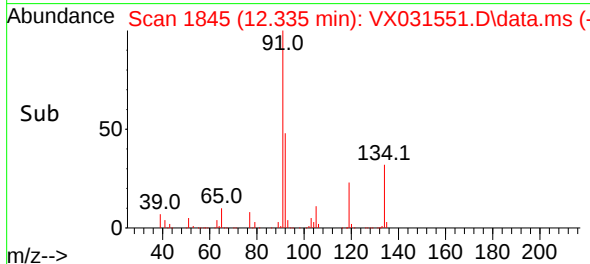
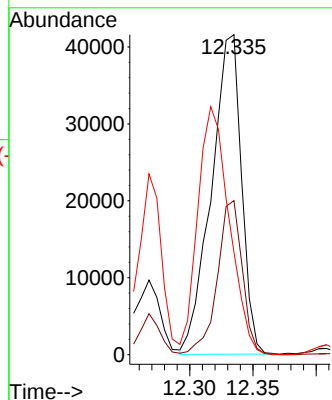
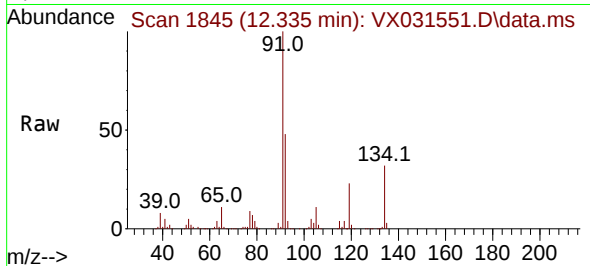




#89
n-Butylbenzene
Concen: 20.641 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

Tgt Ion: 91 Resp: 68852
Ion Ratio Lower Upper
91 100
92 40.0 27.0 81.0
134 80.8 13.3 39.9#



#95
Naphthalene
Concen: 4.353 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031551.D
Acq: 22 Sep 2022 05:43

Tgt Ion: 128 Resp: 18616
Ion Ratio Lower Upper
128 100
127 15.1 10.4 15.6
129 17.2 8.8 13.2#

