

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031596.D
 Acq On : 23 Sep 2022 02:34
 Operator : JC/MD
 Sample : N4614-06DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6RDL

Quant Time: Sep 23 04:47:33 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)

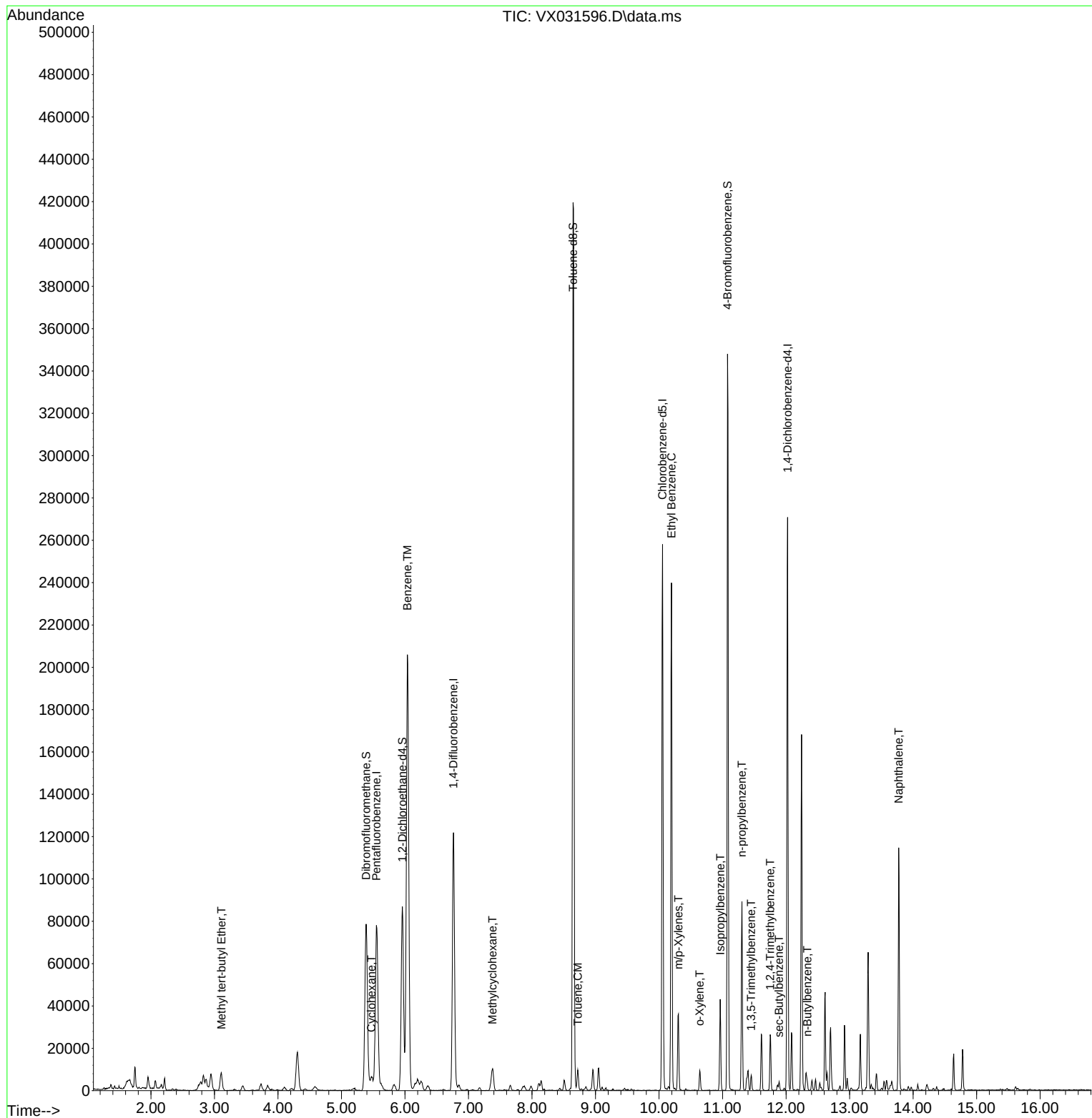
Internal Standards						
1) Pentafluorobenzene	5.550	168	76921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	125903	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75948	53.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.640%			
35) Dibromofluoromethane	5.385	113	64759	49.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.520%			
50) Toluene-d8	8.647	98	246448	49.131	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.260%			
62) 4-Bromofluorobenzene	11.079	95	76234	44.867	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.740%			
Target Compounds					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	2768	0.639	ug/l #	1
31) Cyclohexane	5.470	56	4286	2.048	ug/l	98
39) Methylcyclohexane	7.379	83	4448	1.806	ug/l	92
40) Benzene	6.037	78	243608	40.802	ug/l	97
52) Toluene	8.720	92	3661	0.940	ug/l	96
67) Ethyl Benzene	10.195	91	131435	21.551	ug/l	100
68) m/p-Xylenes	10.305	106	8597	3.508	ug/l	97
69) o-Xylene	10.640	106	2273	0.972	ug/l	82
73) Isopropylbenzene	10.963	105	20746	5.159	ug/l	99
78) n-propylbenzene	11.305	91	51624	11.158	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	3336	0.977	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	11556	3.438	ug/l	97
85) sec-Butylbenzene	11.890	105	2174	0.519	ug/l #	64
89) n-Butylbenzene	12.335	91	2619	0.870	ug/l #	68
95) Naphthalene	13.774	128	67442	17.469	ug/l	99

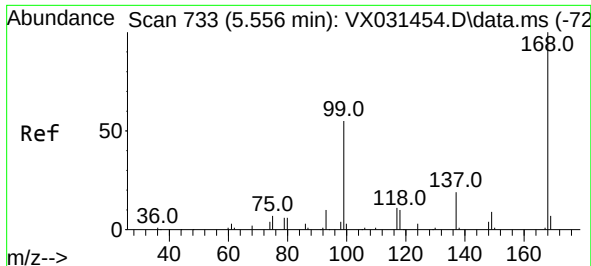
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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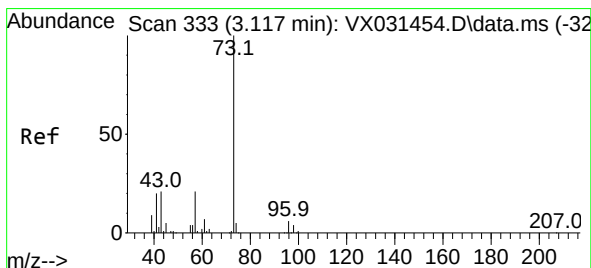
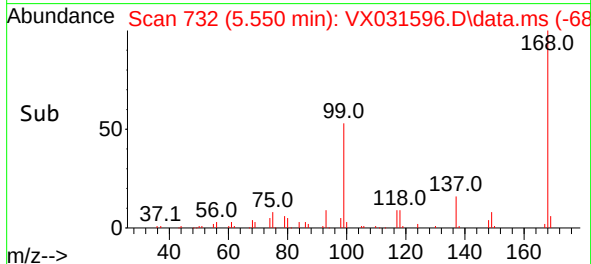
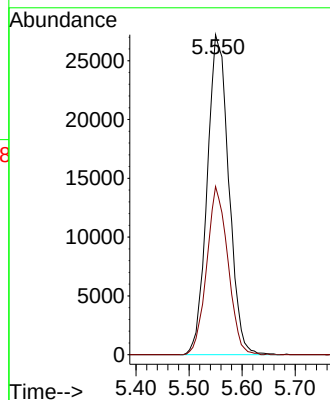
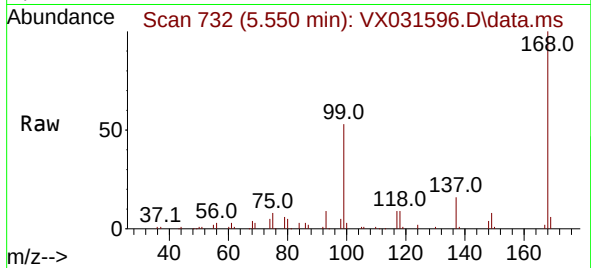




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

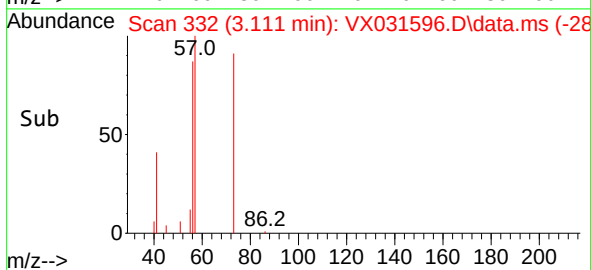
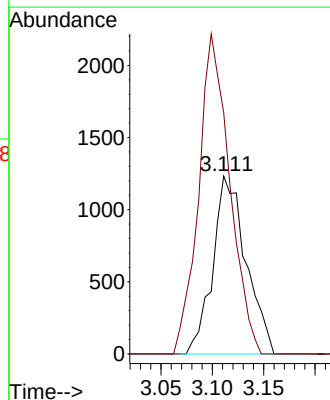
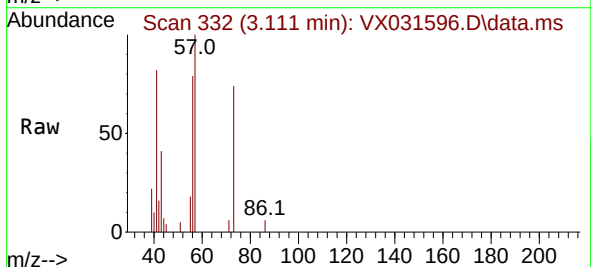
Instrument :
MSVOA_X
ClientSampleId :
MW-6RDL

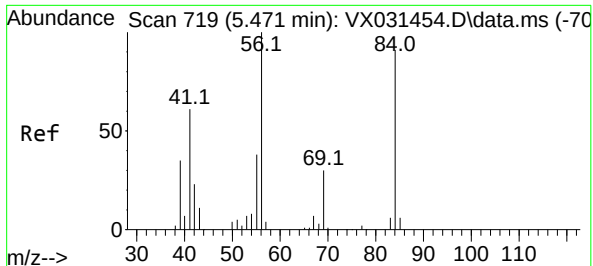
Tgt Ion:168 Resp: 76921
Ion Ratio Lower Upper
168 100
99 52.5 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.639 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

Tgt Ion: 73 Resp: 2768
Ion Ratio Lower Upper
73 100
57 135.5 17.2 25.8#

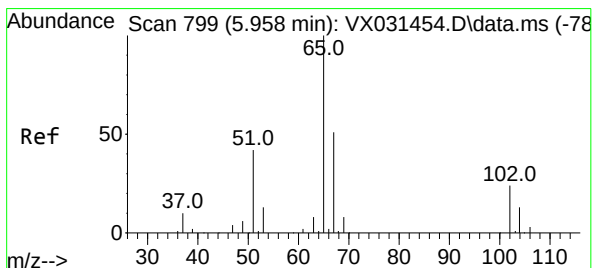
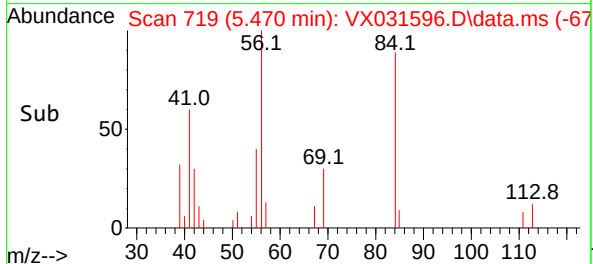
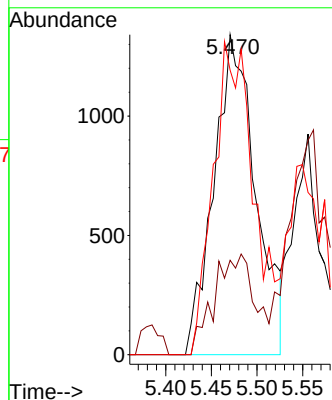
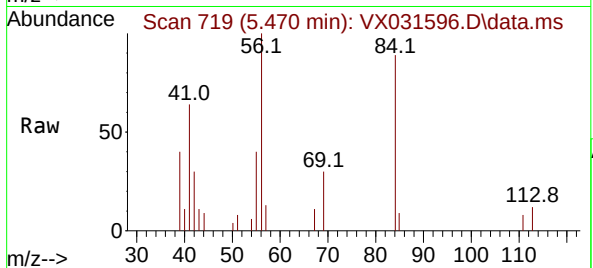




#31
Cyclohexane
Concen: 2.048 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.001 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

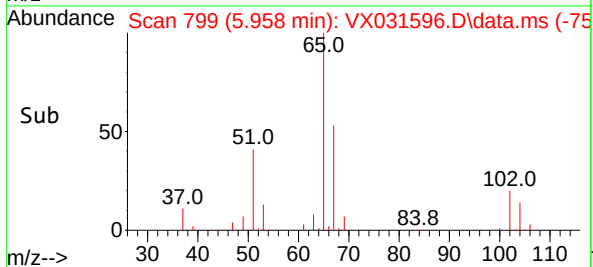
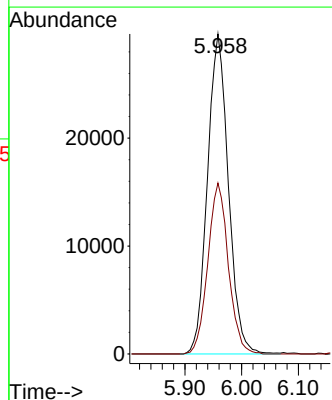
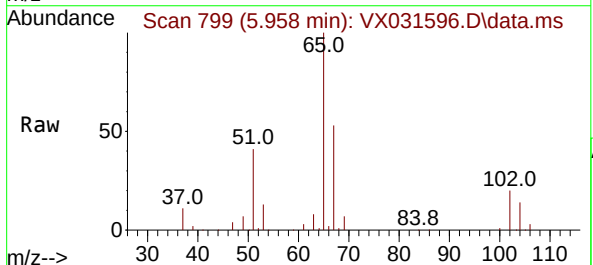
Instrument :
MSVOA_X
ClientSampleId :
MW-6RDL

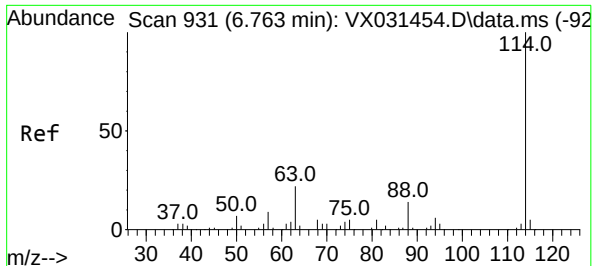
Tgt Ion: 56 Resp: 4286
Ion Ratio Lower Upper
56 100
69 29.5 25.1 37.7
84 88.9 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 53.820 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

Tgt Ion: 65 Resp: 75948
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

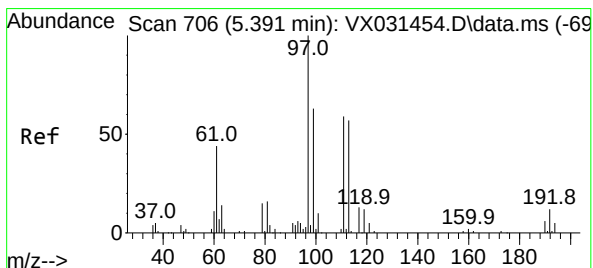
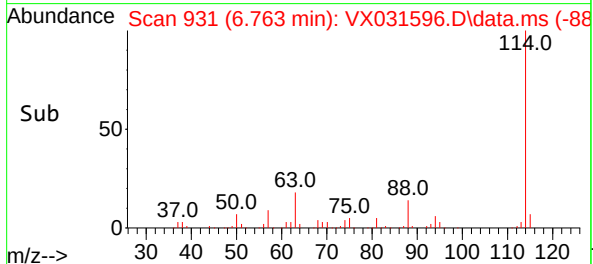
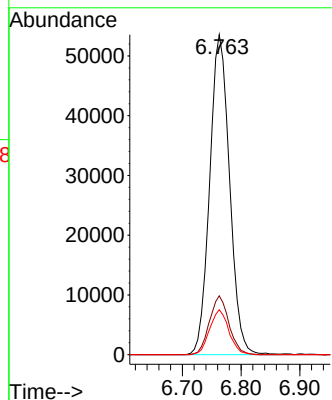
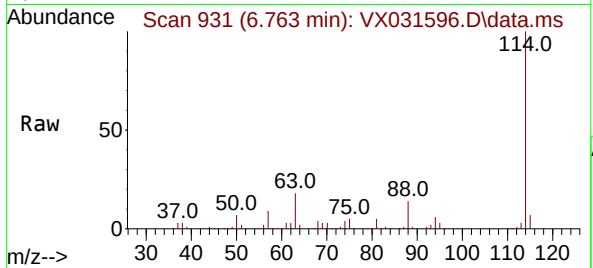




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

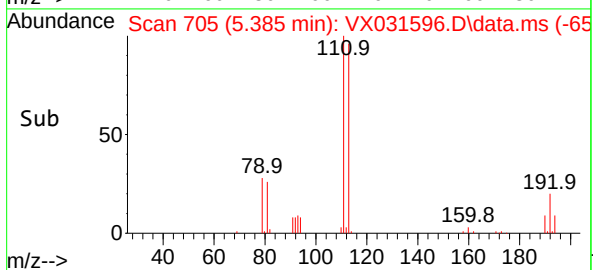
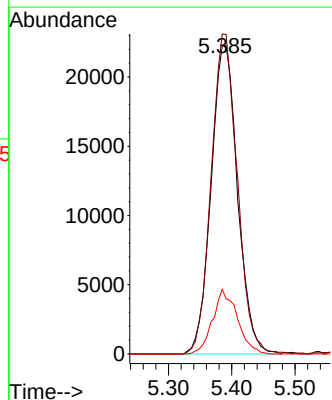
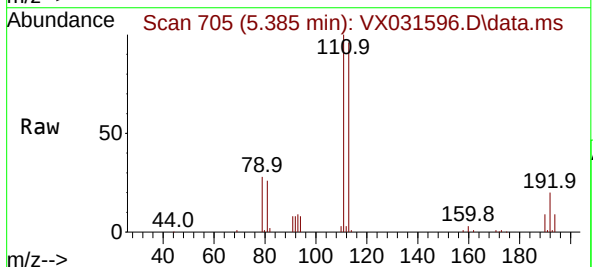
Instrument :
MSVOA_X
ClientSampleId :
MW-6RDL

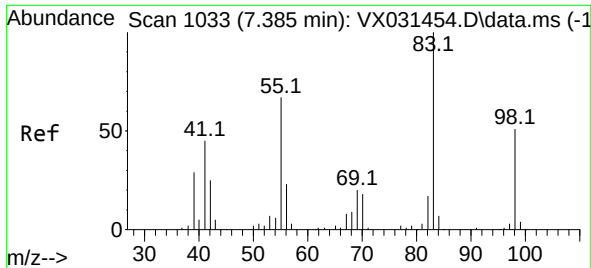
Tgt Ion:114 Resp: 125903
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.6
88 14.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.760 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

Tgt Ion:113 Resp: 64759
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.5 14.1 21.1

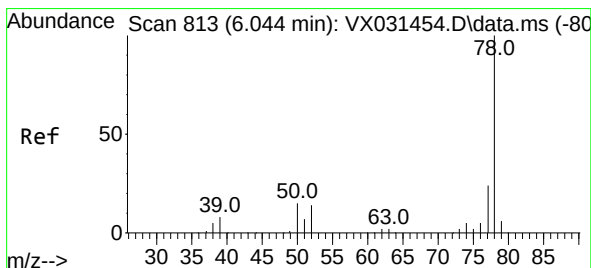
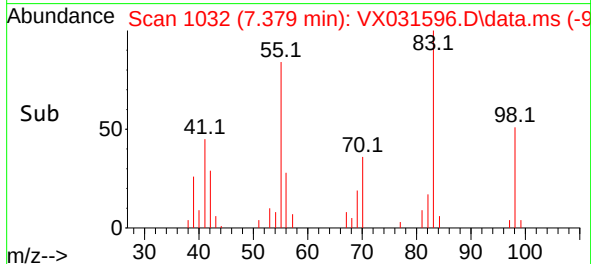
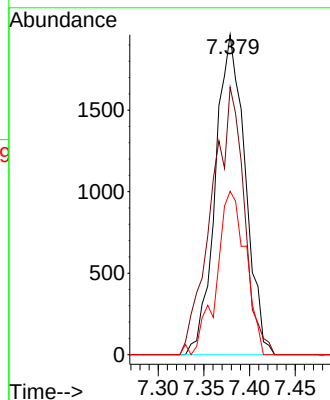
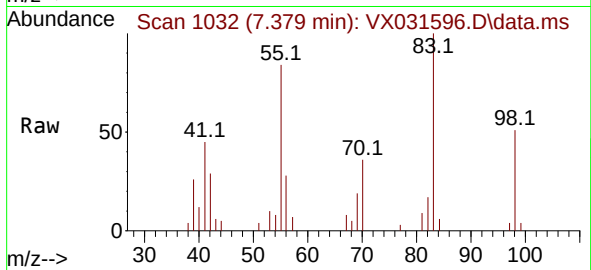




#39
Methylcyclohexane
Concen: 1.806 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

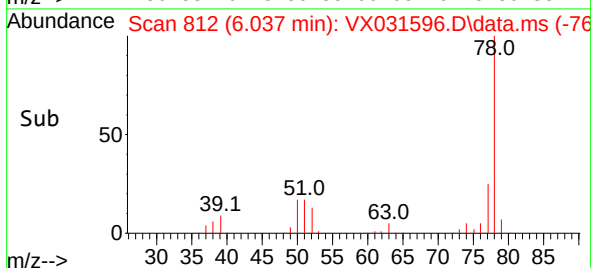
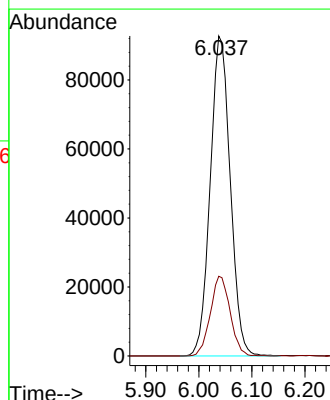
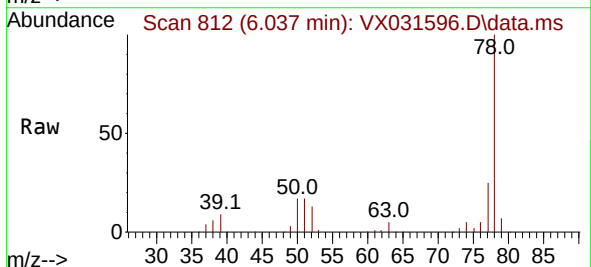
Instrument :
MSVOA_X
ClientSampleId :
MW-6RDL

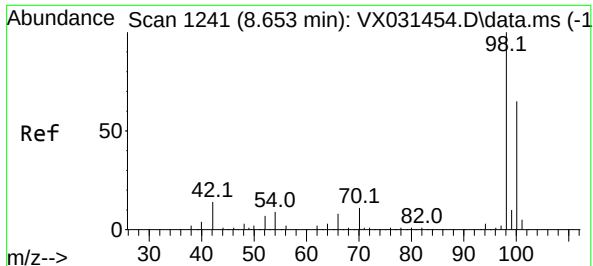
Tgt Ion: 83 Resp: 4448
Ion Ratio Lower Upper
83 100
55 83.6 61.0 91.4
98 51.0 37.7 56.5



#40
Benzene
Concen: 40.802 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

Tgt Ion: 78 Resp: 243608
Ion Ratio Lower Upper
78 100
77 24.9 18.7 28.1





#50

Toluene-d8

Concen: 49.131 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031596.D

Acq: 23 Sep 2022 02:34

Instrument :

MSVOA_X

ClientSampleId :

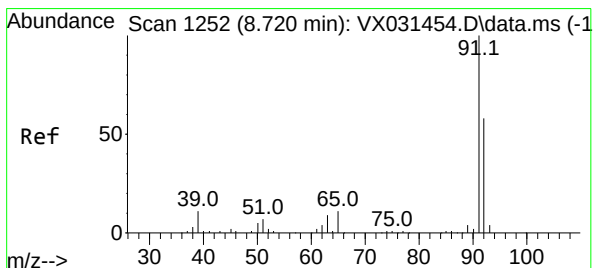
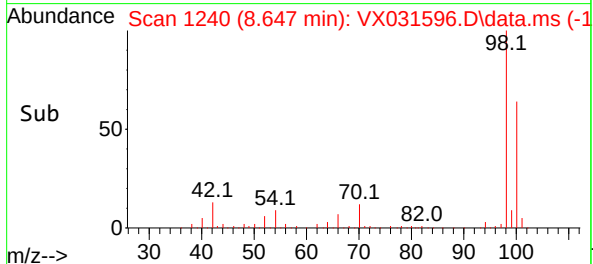
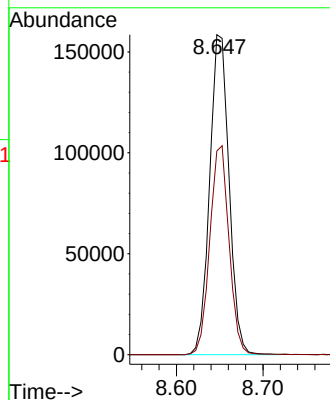
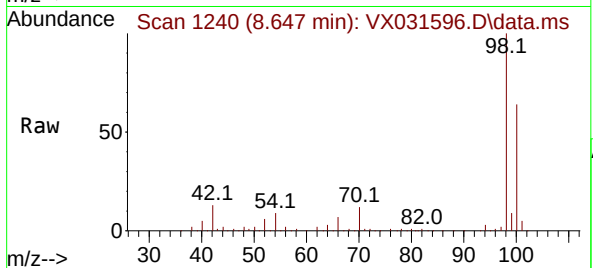
MW-6RDL

Tgt Ion: 98 Resp: 246448

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7



#52

Toluene

Concen: 0.940 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031596.D

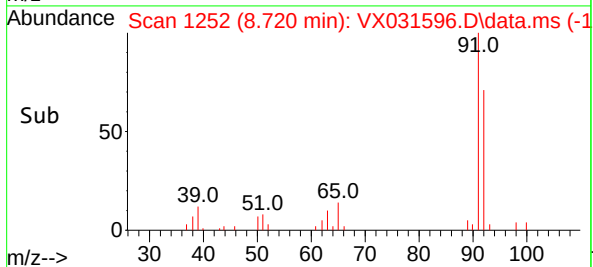
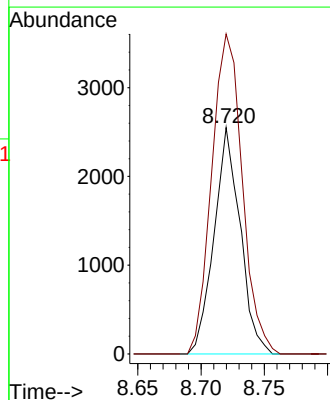
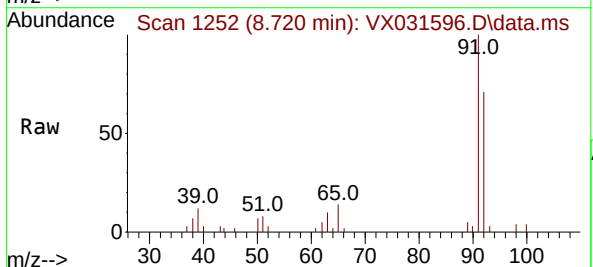
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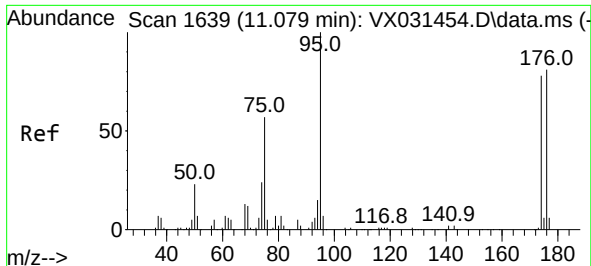
Tgt Ion: 92 Resp: 3661

Ion Ratio Lower Upper

92 100

91 165.5 137.1 205.7

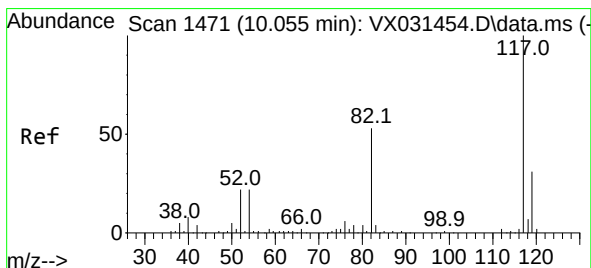
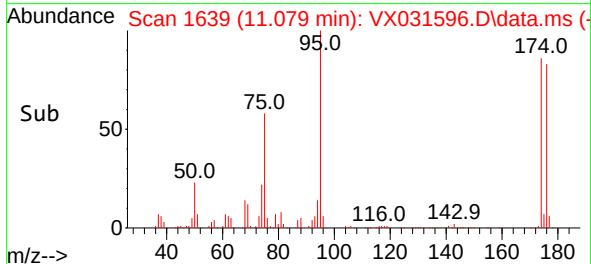
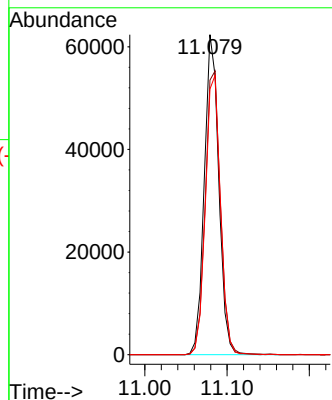
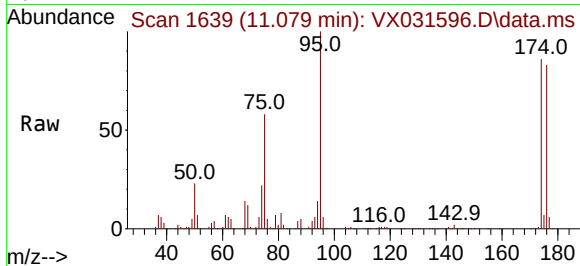




#62
4-Bromofluorobenzene
Concen: 44.867 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

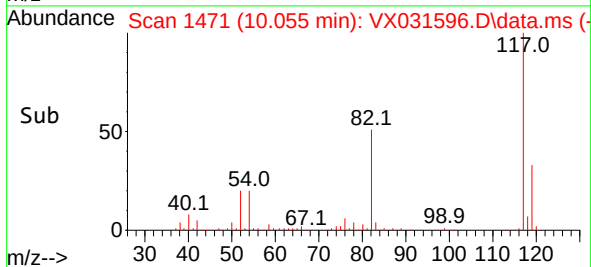
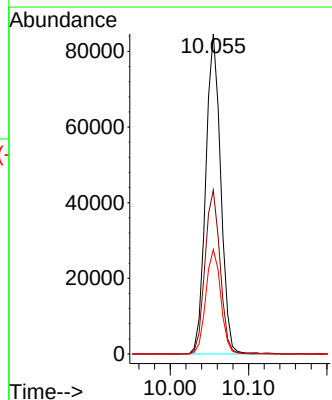
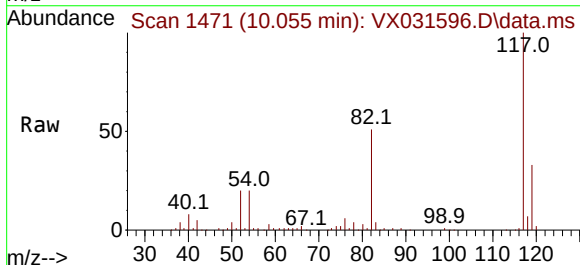
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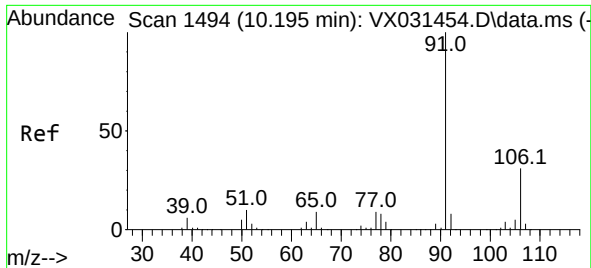
Tgt Ion: 95 Resp: 76234
Ion Ratio Lower Upper
95 100
174 92.7 0.0 153.2
176 90.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

Tgt Ion: 117 Resp: 112013
Ion Ratio Lower Upper
117 100
82 51.2 46.8 70.2
119 32.6 26.4 39.6





#67

Ethyl Benzene

Concen: 21.551 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031596.D

Acq: 23 Sep 2022 02:34

Instrument :

MSVOA_X

ClientSampleId :

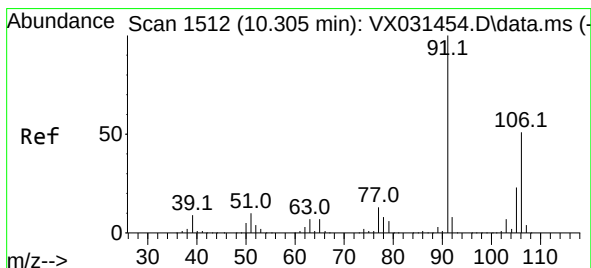
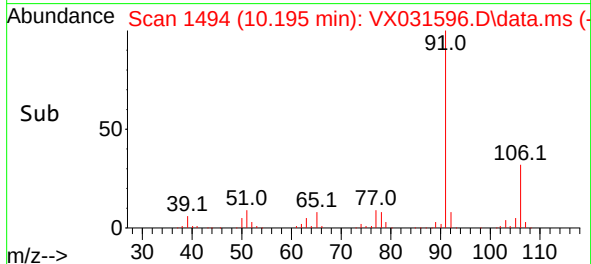
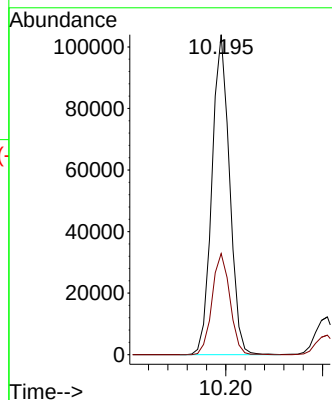
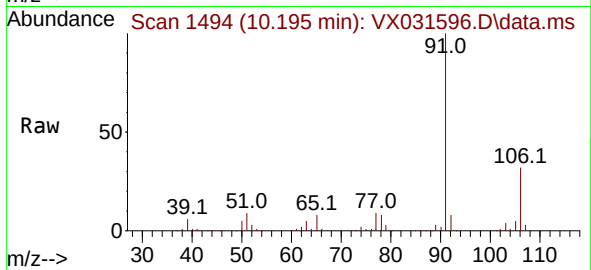
MW-6RDL

Tgt Ion: 91 Resp: 131435

Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8



#68

m/p-Xylenes

Concen: 3.508 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX031596.D

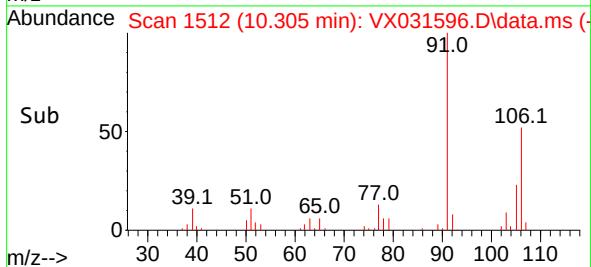
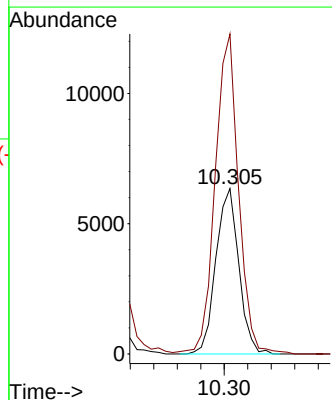
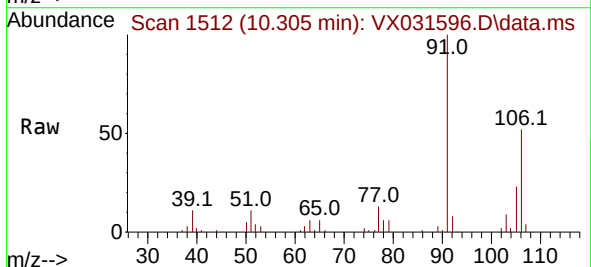
Acq: 23 Sep 2022 02:34

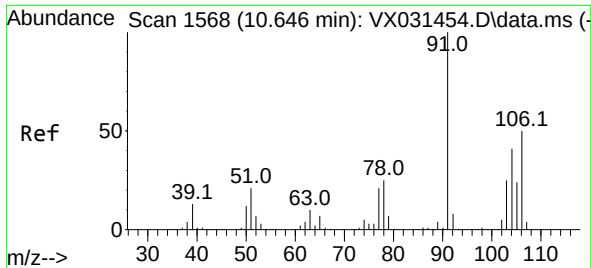
Tgt Ion:106 Resp: 8597

Ion Ratio Lower Upper

106 100

91 197.4 161.0 241.4

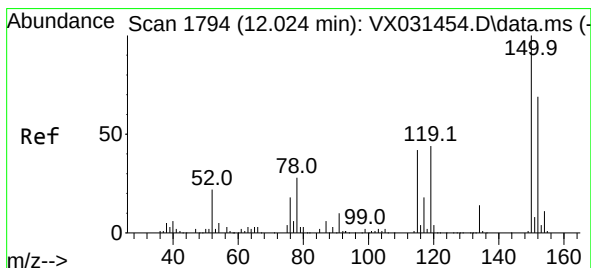
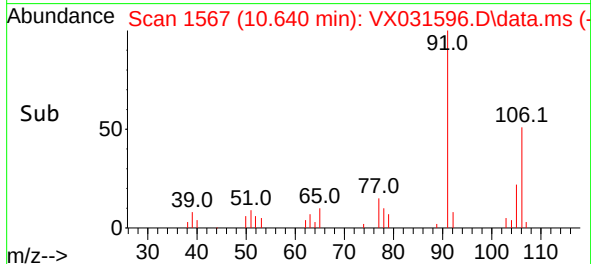
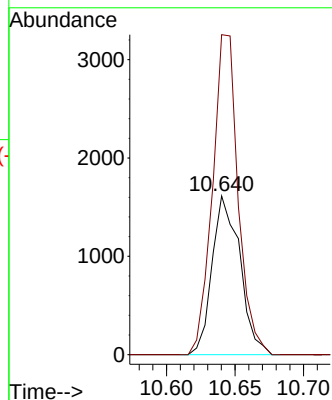
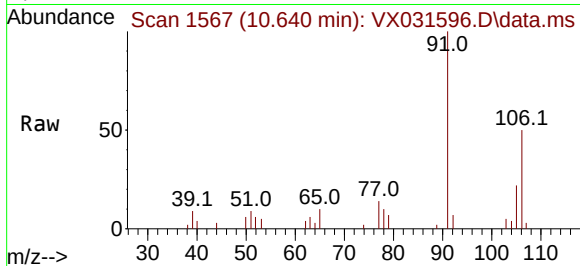




#69
o-Xylene
Concen: 0.972 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

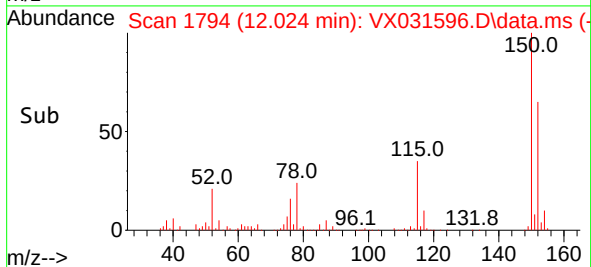
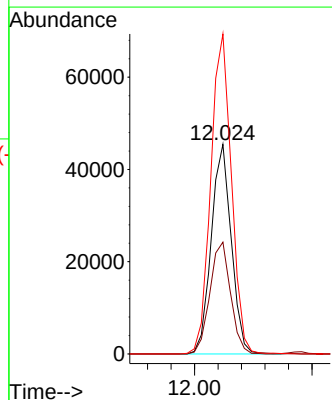
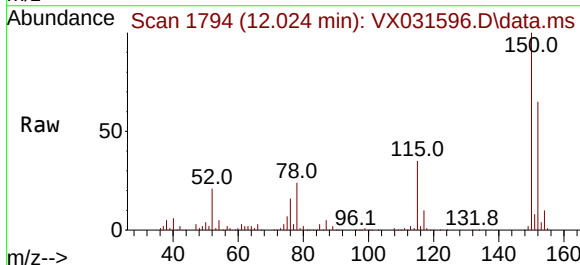
Instrument :
MSVOA_X
ClientSampleId :
MW-6RDL

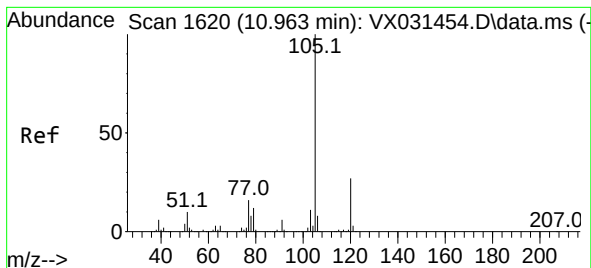
Tgt Ion:106 Resp: 2273
Ion Ratio Lower Upper
106 100
91 186.7 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

Tgt Ion:152 Resp: 53853
Ion Ratio Lower Upper
152 100
115 55.1 43.4 130.1
150 157.1 0.0 346.8





#73

Isopropylbenzene

Concen: 5.159 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX031596.D

Acq: 23 Sep 2022 02:34

Instrument :

MSVOA_X

ClientSampleId :

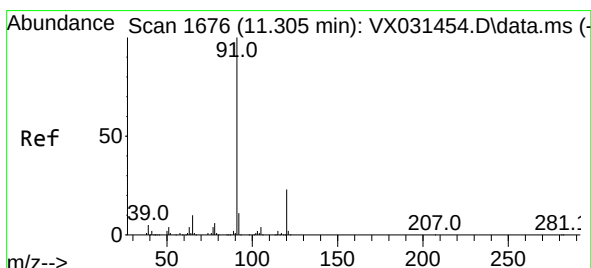
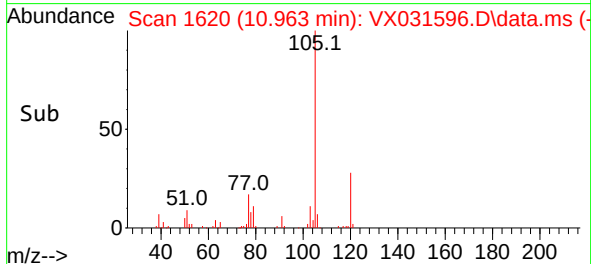
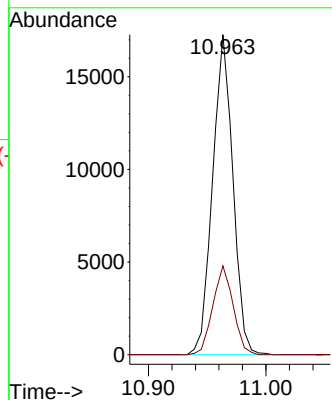
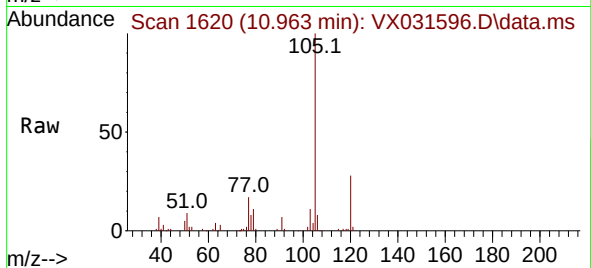
MW-6RDL

Tgt Ion:105 Resp: 20746

Ion Ratio Lower Upper

105 100

120 27.7 13.7 41.0



#78

n-propylbenzene

Concen: 11.158 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031596.D

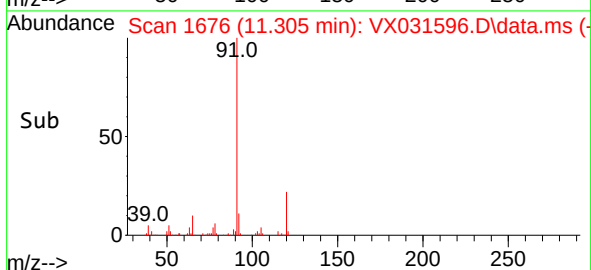
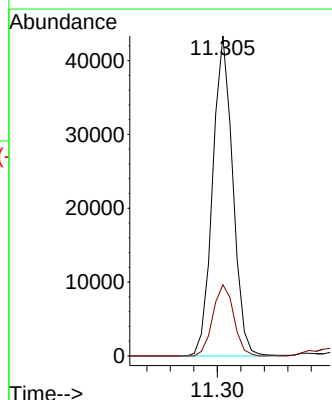
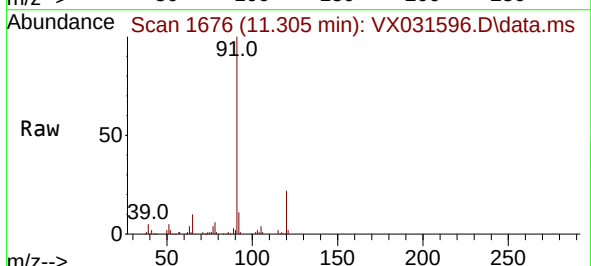
Acq: 23 Sep 2022 02:34

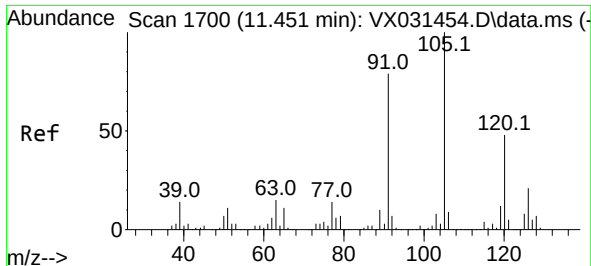
Tgt Ion: 91 Resp: 51624

Ion Ratio Lower Upper

91 100

120 23.0 11.8 35.4

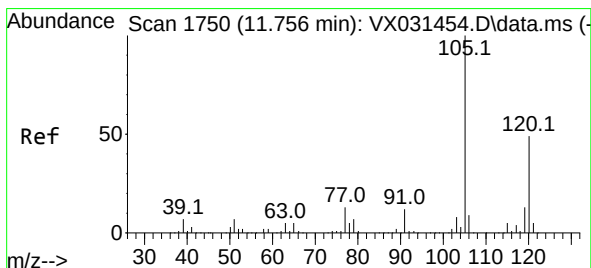
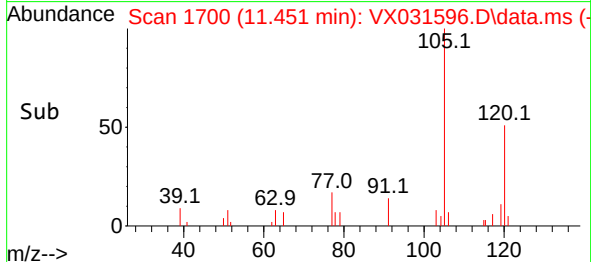
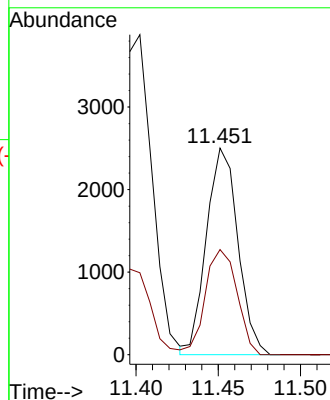
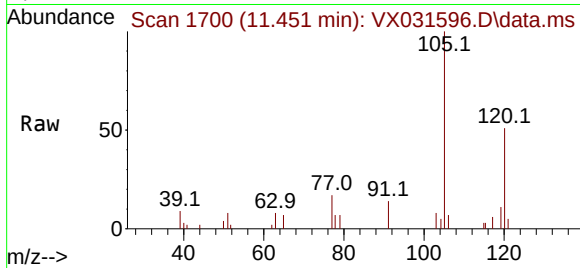




#80
1,3,5-Trimethylbenzene
Concen: 0.977 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

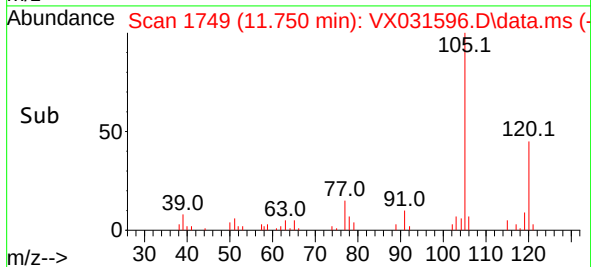
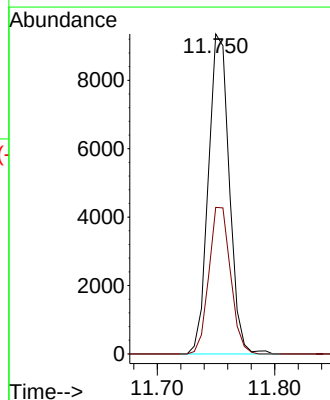
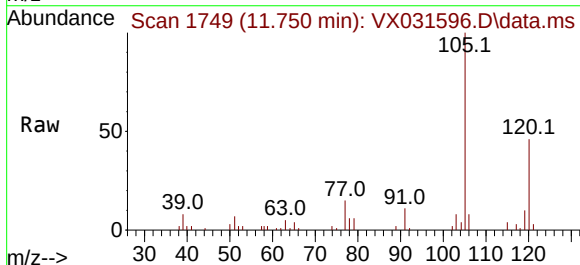
Instrument :
MSVOA_X
ClientSampleId :
MW-6RDL

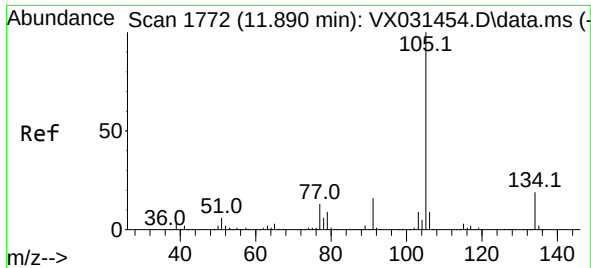
Tgt Ion:105 Resp: 3336
Ion Ratio Lower Upper
105 100
120 51.2 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 3.438 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX031596.D
Acq: 23 Sep 2022 02:34

Tgt Ion:105 Resp: 11556
Ion Ratio Lower Upper
105 100
120 47.4 22.6 67.8

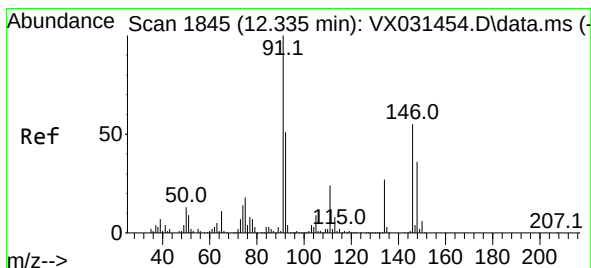
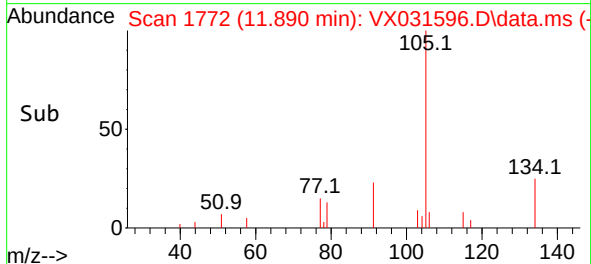
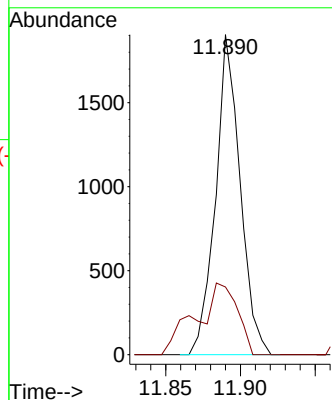
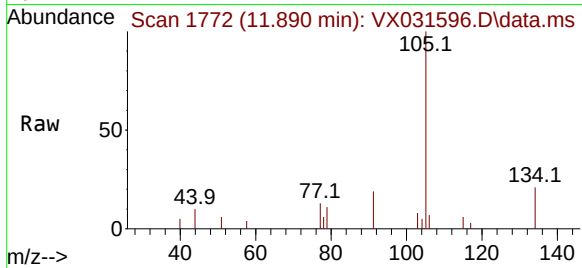




#85
 sec-Butylbenzene
 Concen: 0.519 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: VX031596.D
 Acq: 23 Sep 2022 02:34

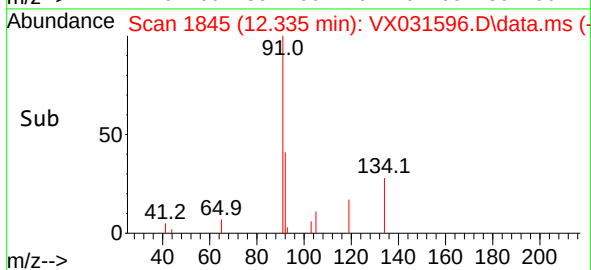
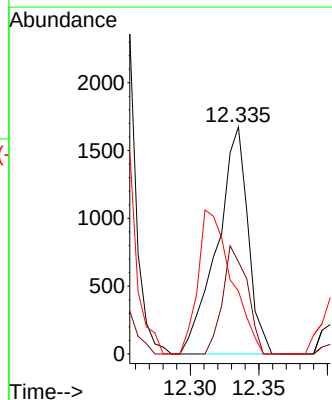
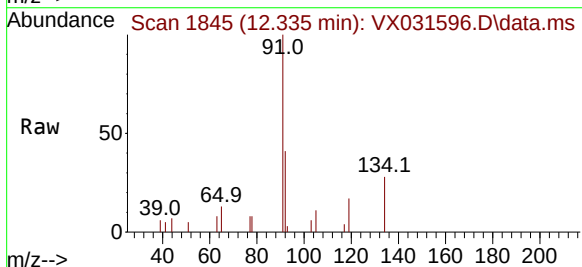
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6RDL

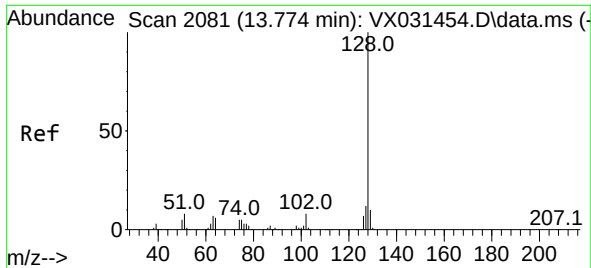
Tgt Ion:105 Resp: 2174
 Ion Ratio Lower Upper
 105 100
 134 37.4 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 0.870 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX031596.D
 Acq: 23 Sep 2022 02:34

Tgt Ion: 91 Resp: 2619
 Ion Ratio Lower Upper
 91 100
 92 38.0 27.0 81.0
 134 0.0 13.3 39.9#





#95

Naphthalene

Concen: 17.469 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX031596.D

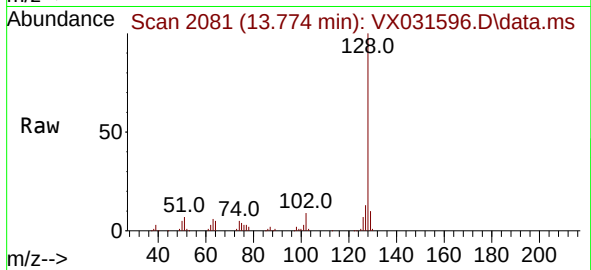
Acq: 23 Sep 2022 02:34

Instrument :

MSVOA_X

ClientSampleId :

MW-6RDL



Tgt Ion:128 Resp: 67442

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.8 13.2

