

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029512.D
 Acq On : 15 Jun 2022 17:54
 Operator : JC/MD
 Sample : N3304-05
 Misc : 4.72g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-6

Quant Time: Jun 15 18:49:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

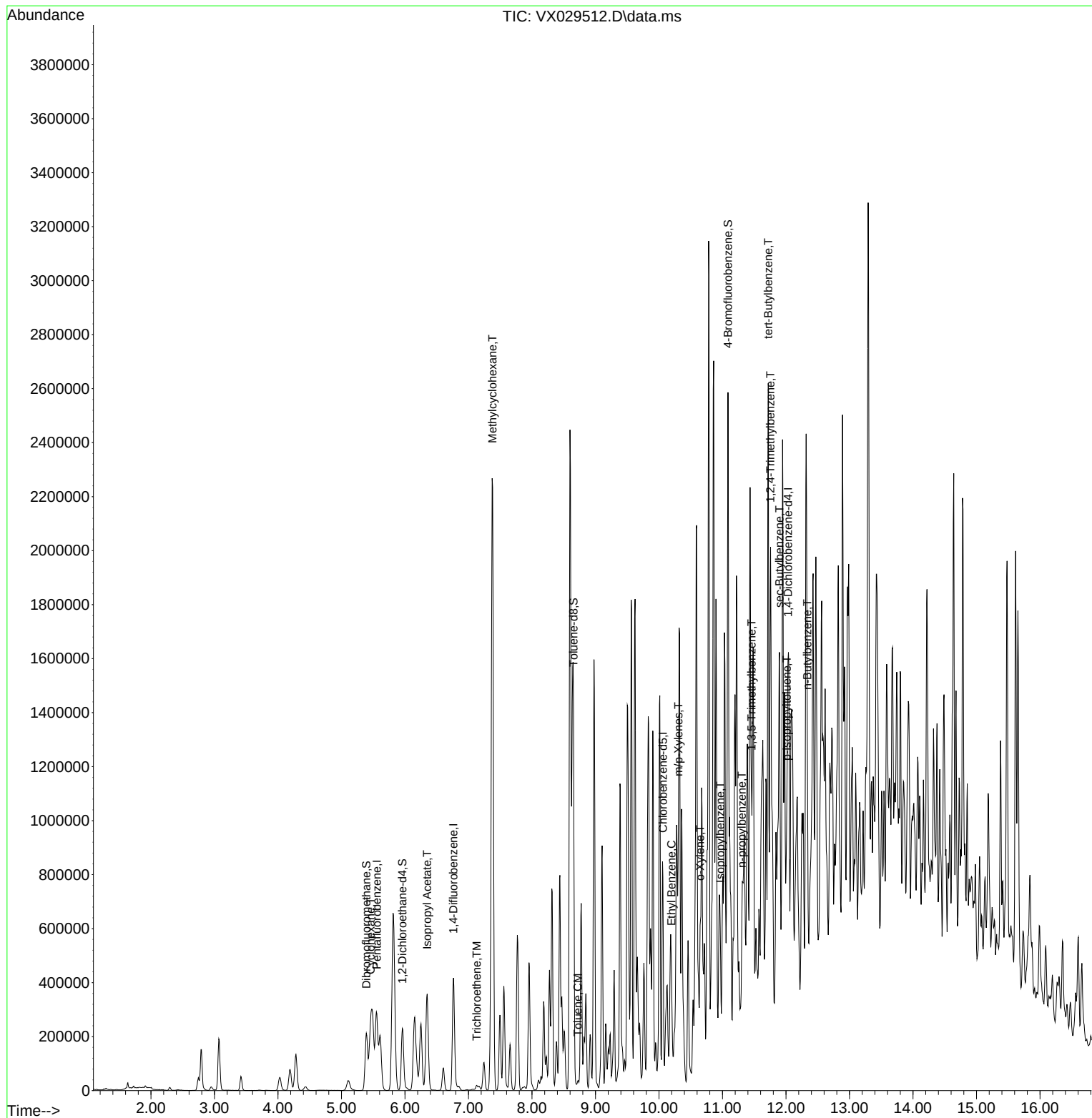
Internal Standards						
1) Pentafluorobenzene	5.556	168	278947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454975	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	367592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	167717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	232077	54.825	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.640%			
35) Dibromofluoromethane	5.391	113	192678	49.814	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.620%			
50) Toluene-d8	8.653	98	775735	56.707	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.420%			
62) 4-Bromofluorobenzene	11.086	95	292341	54.609	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.220%			
Target Compounds					Qvalue	
31) Cyclohexane	5.458	56	203826	26.954	ug/l	94
39) Methylcyclohexane	7.379	83	1099008	139.645	ug/l	95
43) Isopropyl Acetate	6.349	43	16408	1.656	ug/l #	58
44) Trichloroethene	7.129	130	7259	1.402	ug/l	90
52) Toluene	8.720	92	9046	0.741	ug/l	96
67) Ethyl Benzene	10.195	91	71472	4.013	ug/l	96
68) m/p-Xylenes	10.305	106	74054	10.748	ug/l	94
69) o-Xylene	10.647	106	49358	7.372	ug/l	96
73) Isopropylbenzene	10.964	105	89121	6.750	ug/l	100
78) n-propylbenzene	11.305	91	139117	9.285	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	227988	20.335	ug/l	100
83) tert-Butylbenzene	11.720	119	13858	1.274	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	533430	48.204	ug/l	100
85) sec-Butylbenzene	11.896	105	111455	8.343	ug/l #	76
86) p-Isopropyltoluene	12.012	119	138080	12.330	ug/l	96
89) n-Butylbenzene	12.335	91	140511	14.882	ug/l #	34

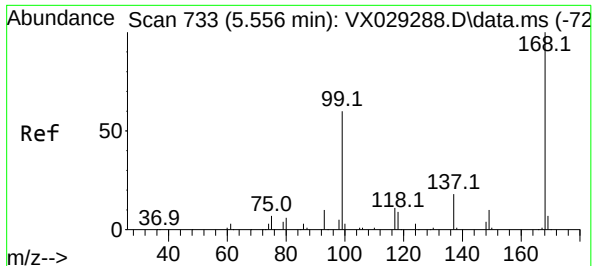
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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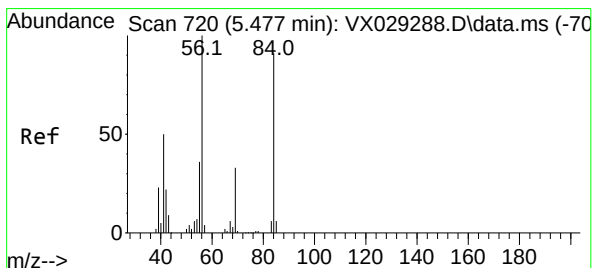
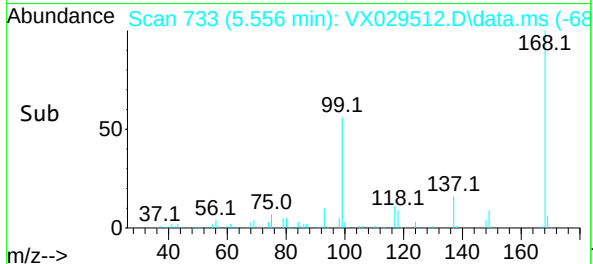
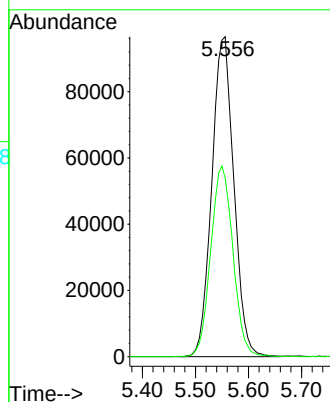
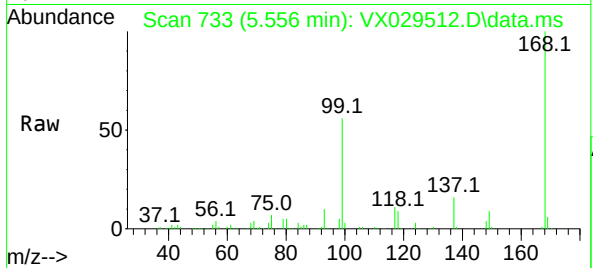




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

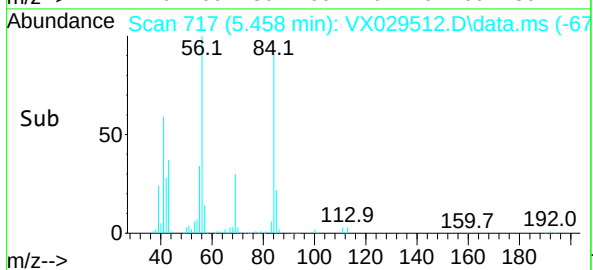
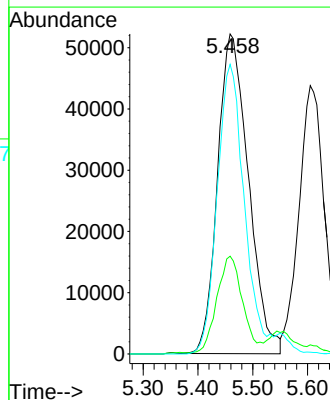
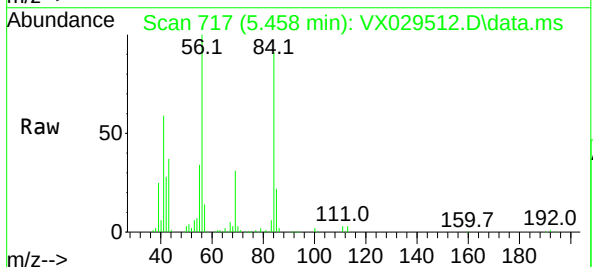
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-6

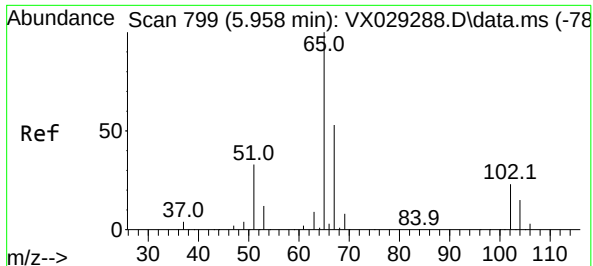
Tgt Ion:168 Resp: 278947
Ion Ratio Lower Upper
168 100
99 55.7 41.7 62.5



#31
Cyclohexane
Concen: 26.954 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.018 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

Tgt Ion: 56 Resp: 203826
Ion Ratio Lower Upper
56 100
69 30.1 26.7 40.1
84 90.7 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 54.825 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029512.D

Acq: 15 Jun 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

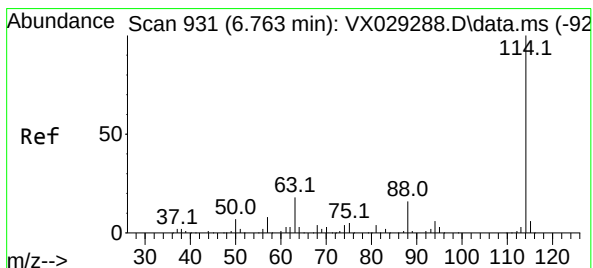
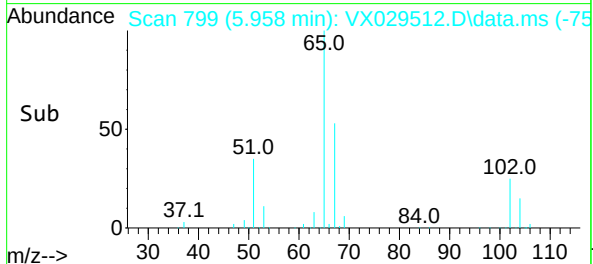
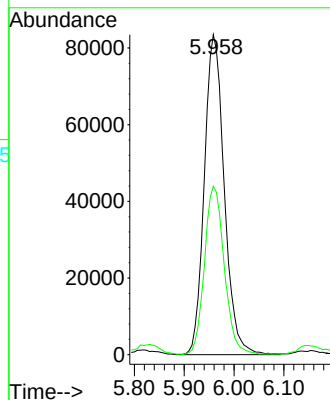
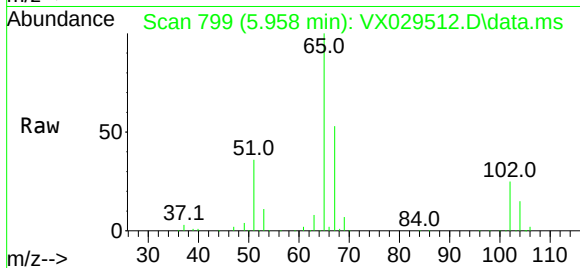
WC-14A-1A-6

Tgt Ion: 65 Resp: 232077

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029512.D

Acq: 15 Jun 2022 17:54

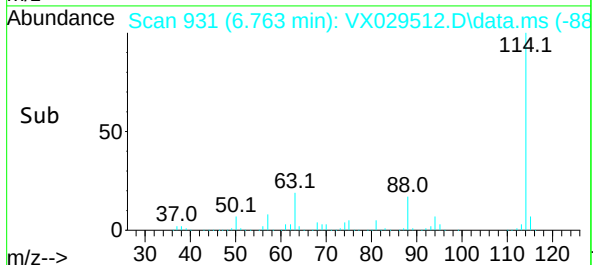
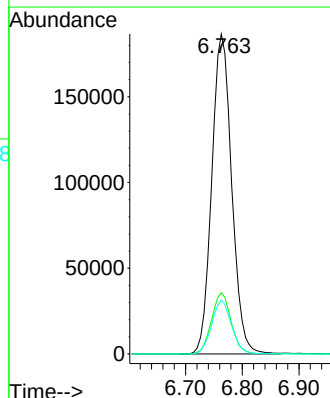
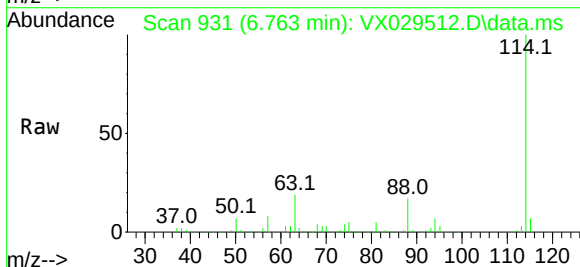
Tgt Ion: 114 Resp: 454975

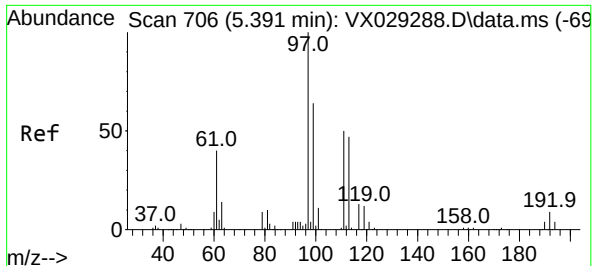
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

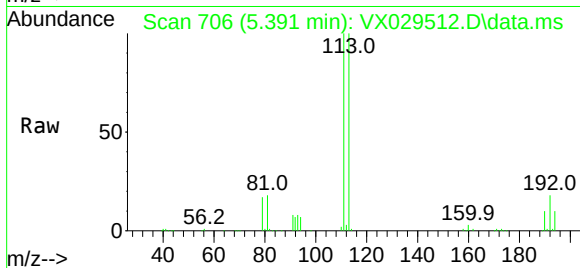
88 16.8 0.0 32.4



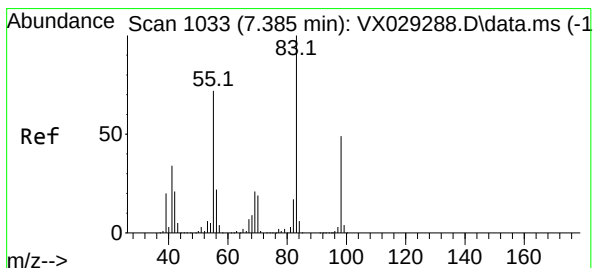
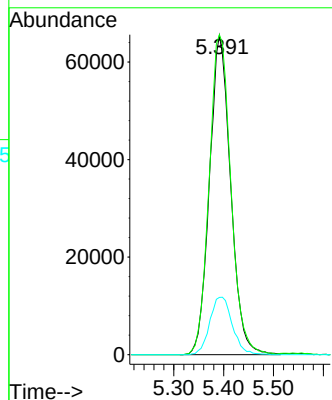
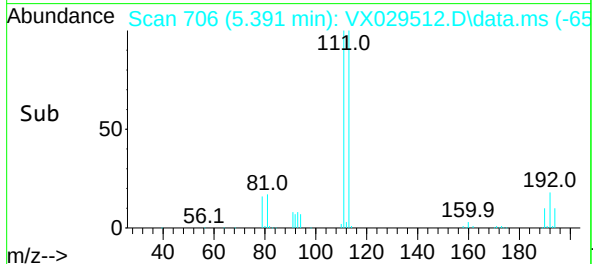


#35
Dibromofluoromethane
Concen: 49.814 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-6

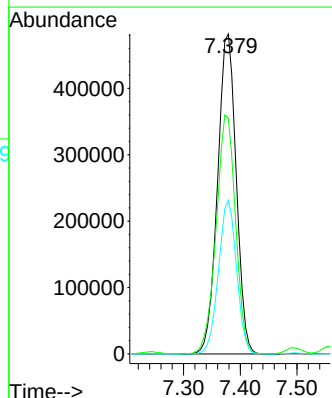
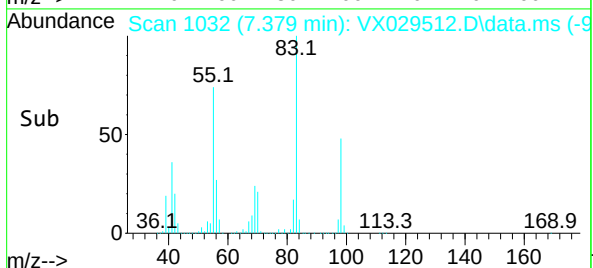
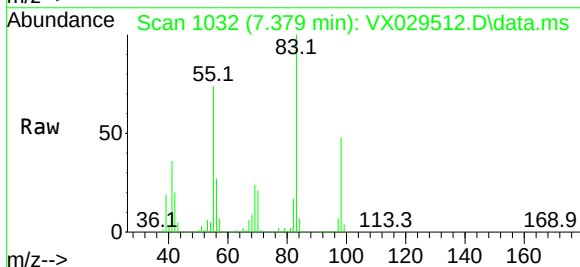


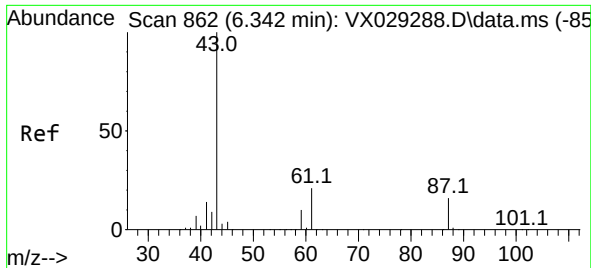
Tgt Ion:113 Resp: 192678
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.2 16.9 25.3



#39
Methylcyclohexane
Concen: 139.645 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

Tgt Ion: 83 Resp: 1099008
Ion Ratio Lower Upper
83 100
55 73.6 54.6 81.8
98 48.0 37.4 56.2





#43

Isopropyl Acetate

Concen: 1.656 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX029512.D

Acq: 15 Jun 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-6

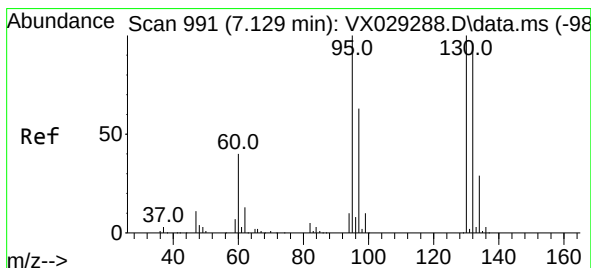
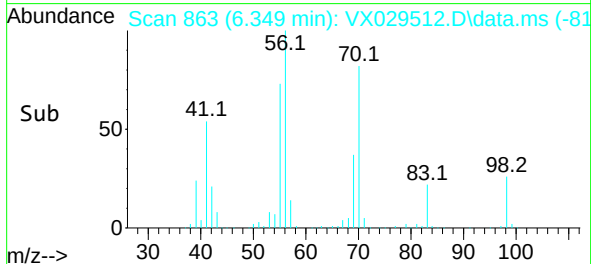
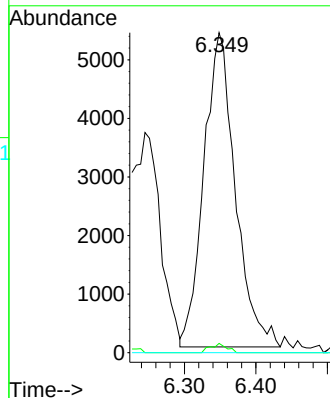
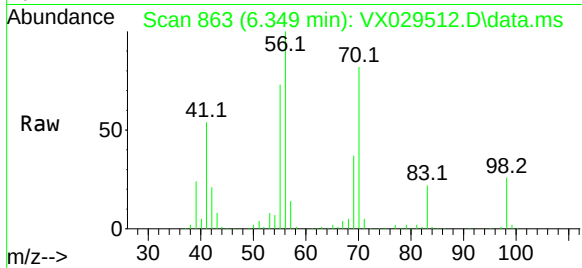
Tgt Ion: 43 Resp: 16408

Ion Ratio Lower Upper

43 100

61 1.5 18.5 27.7#

87 0.0 13.0 19.6#



#44

Trichloroethene

Concen: 1.402 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX029512.D

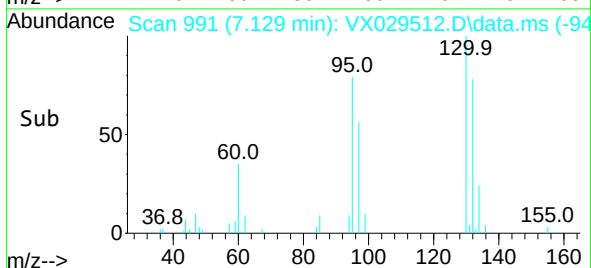
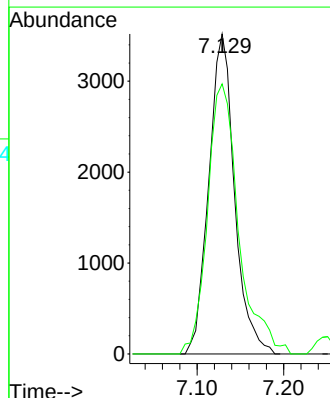
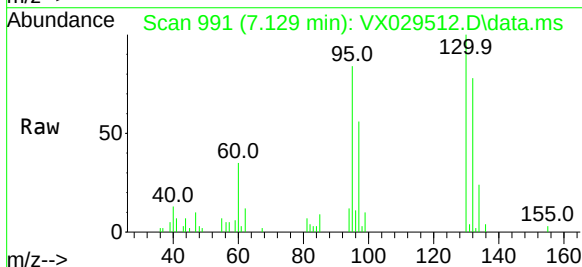
Acq: 15 Jun 2022 17:54

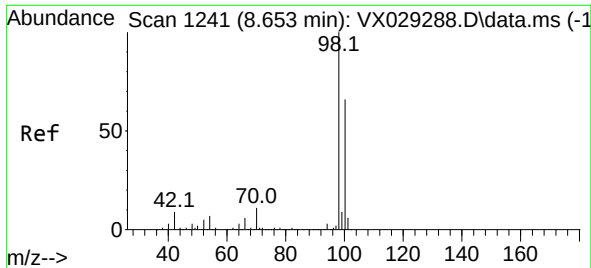
Tgt Ion:130 Resp: 7259

Ion Ratio Lower Upper

130 100

95 84.4 0.0 188.8

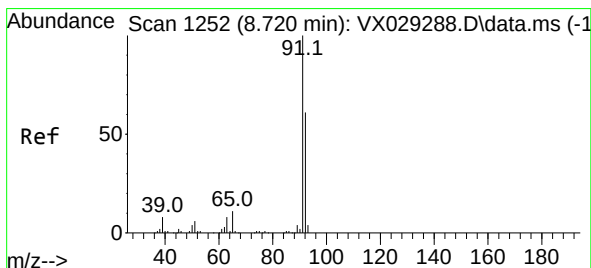
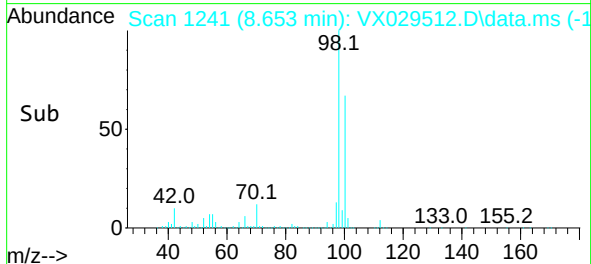
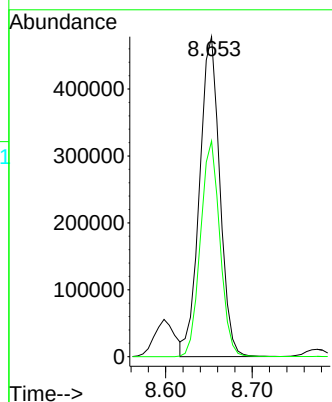
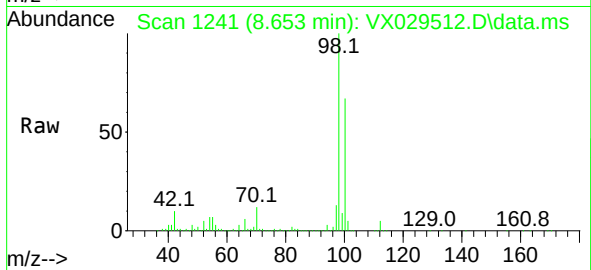




#50
Toluene-d8
Concen: 56.707 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

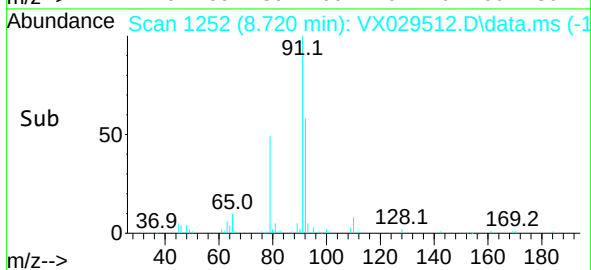
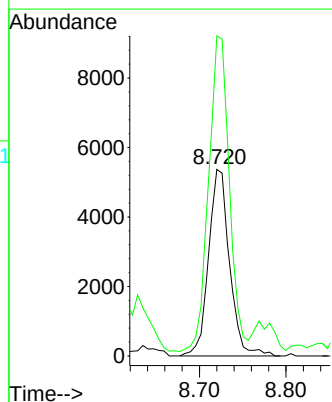
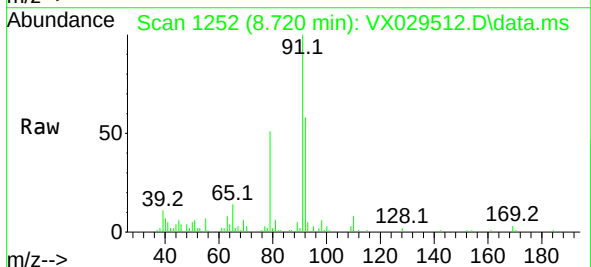
Instrument :
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WC-14A-1A-6

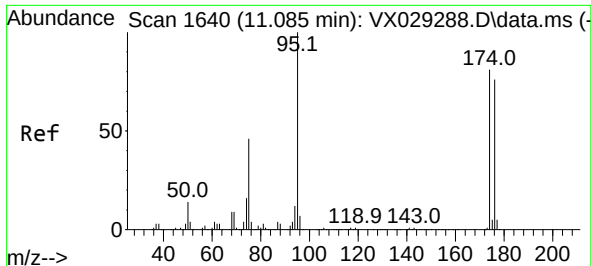
Tgt Ion: 98 Resp: 775735
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#52
Toluene
Concen: 0.741 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

Tgt Ion: 92 Resp: 9046
Ion Ratio Lower Upper
92 100
91 166.7 137.5 206.3





#62

4-Bromofluorobenzene

Concen: 54.609 ug/l

RT: 11.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029512.D

Acq: 15 Jun 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-6

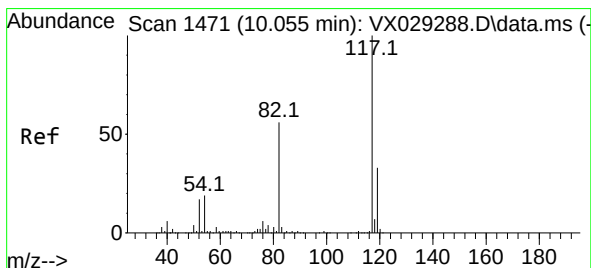
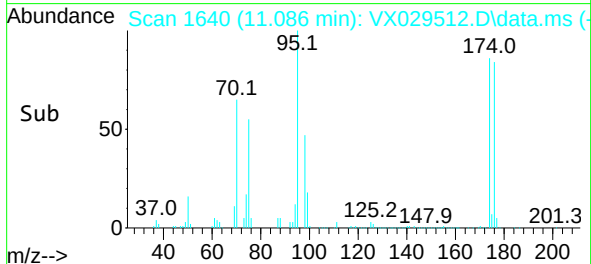
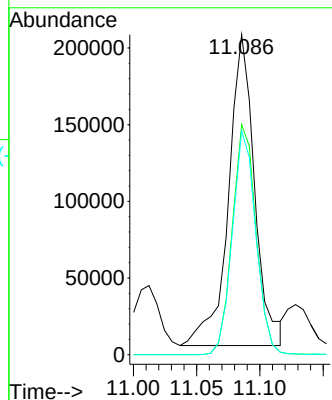
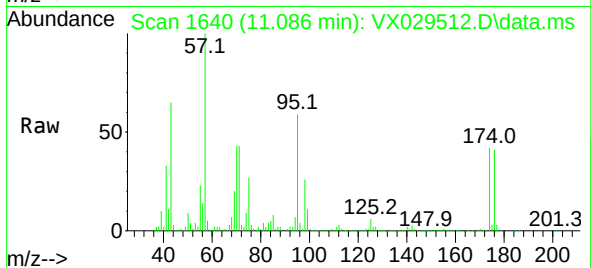
Tgt Ion: 95 Resp: 292341

Ion Ratio Lower Upper

95 100

174 67.1 0.0 163.0

176 64.8 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VX029512.D

Acq: 15 Jun 2022 17:54

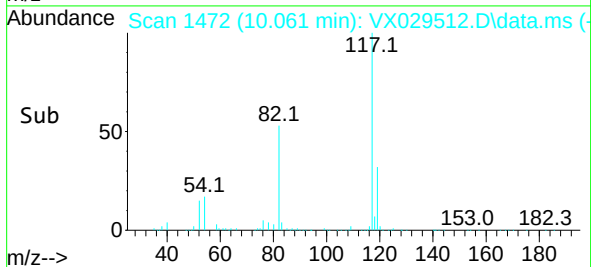
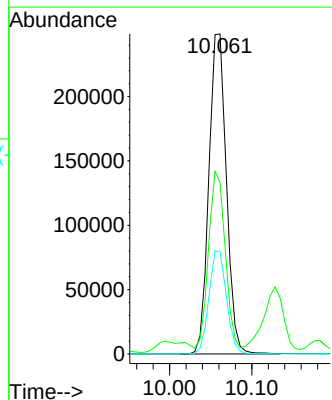
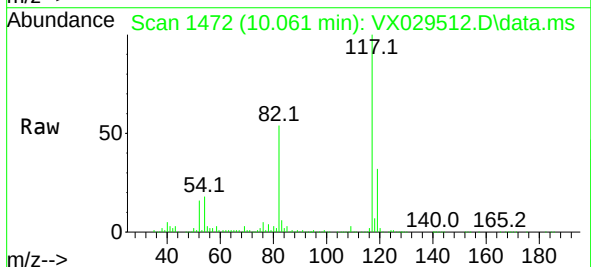
Tgt Ion: 117 Resp: 367592

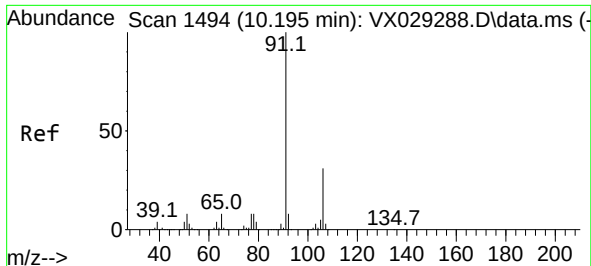
Ion Ratio Lower Upper

117 100

82 50.1 41.8 62.8

119 31.9 24.8 37.2





#67

Ethyl Benzene

Concen: 4.013 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029512.D

Acq: 15 Jun 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

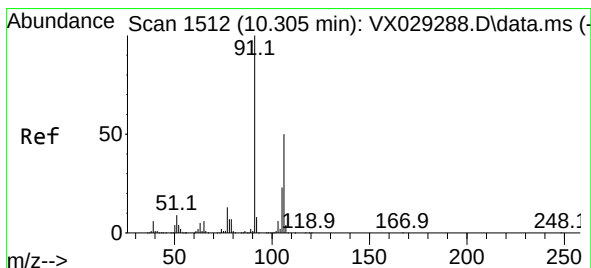
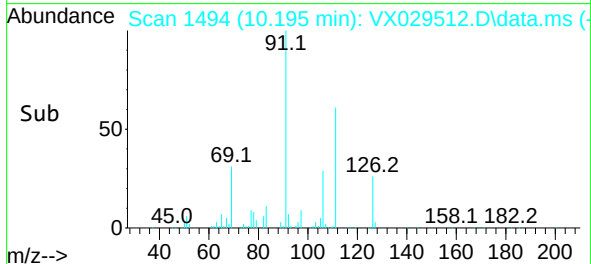
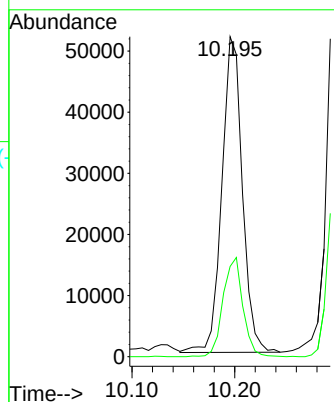
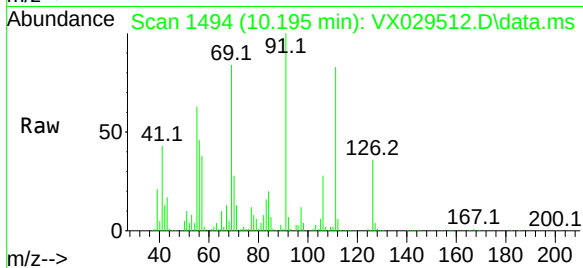
WC-14A-1A-6

Tgt Ion: 91 Resp: 71472

Ion Ratio Lower Upper

91 100

106 28.6 24.6 36.8



#68

m/p-Xylenes

Concen: 10.748 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029512.D

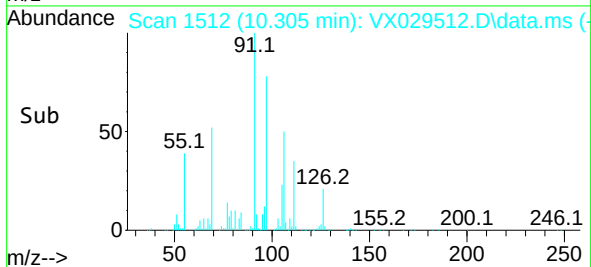
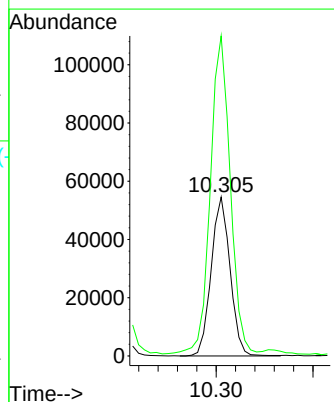
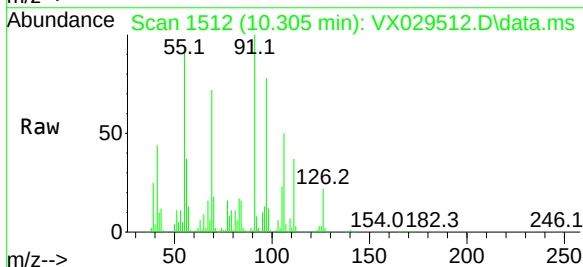
Acq: 15 Jun 2022 17:54

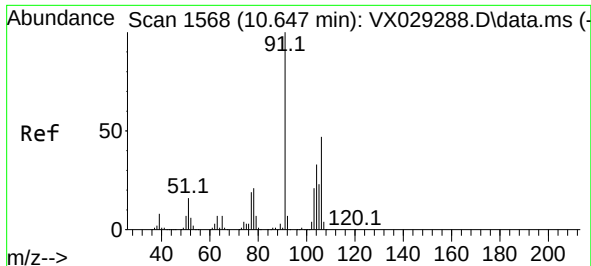
Tgt Ion:106 Resp: 74054

Ion Ratio Lower Upper

106 100

91 210.1 160.4 240.6

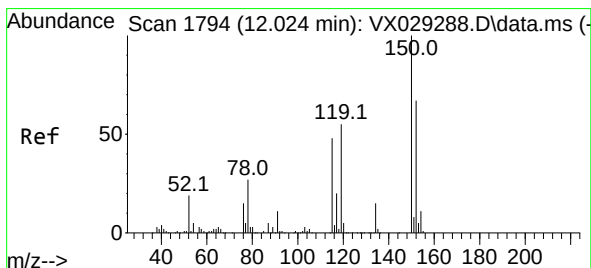
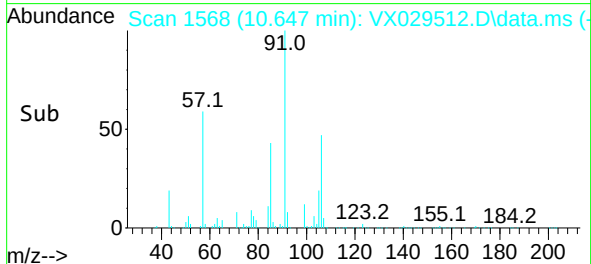
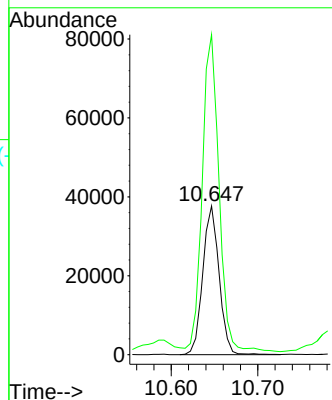
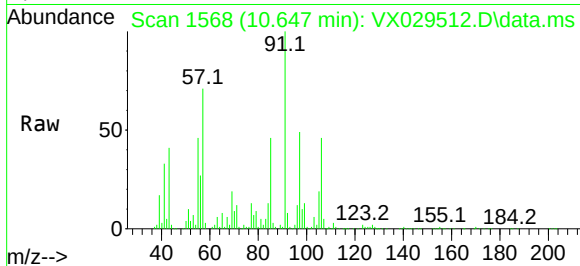




#69
o-Xylene
Concen: 7.372 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

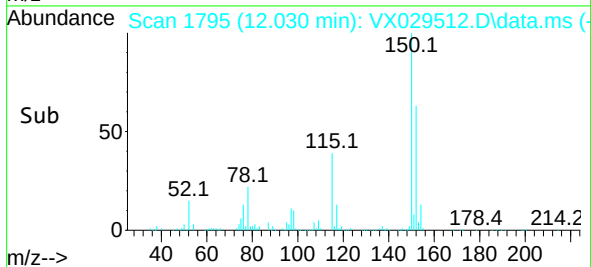
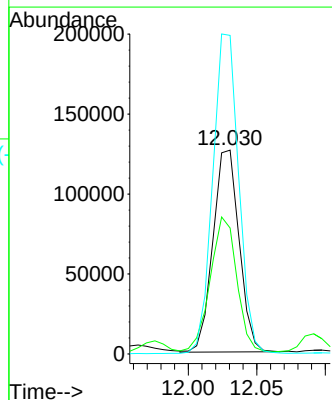
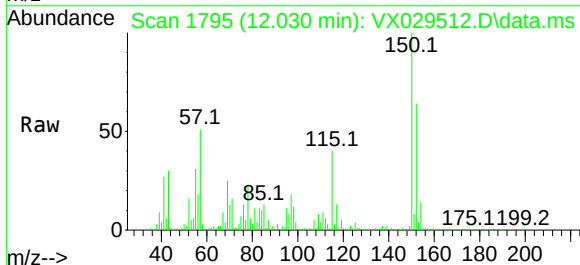
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-6

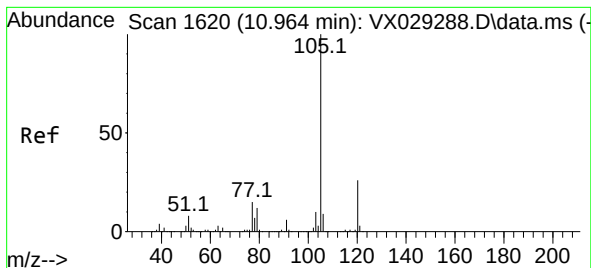
Tgt Ion:106 Resp: 49358
Ion Ratio Lower Upper
106 100
91 218.0 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

Tgt Ion:152 Resp: 167717
Ion Ratio Lower Upper
152 100
115 68.9 37.5 112.7
150 157.4 0.0 338.2





#73

Isopropylbenzene

Concen: 6.750 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029512.D

Acq: 15 Jun 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

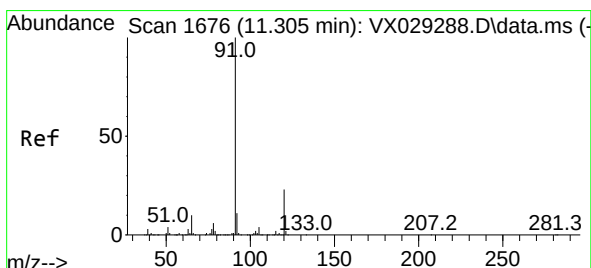
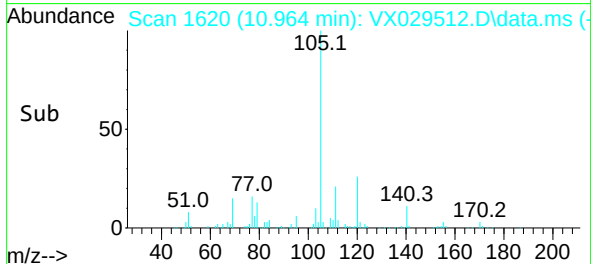
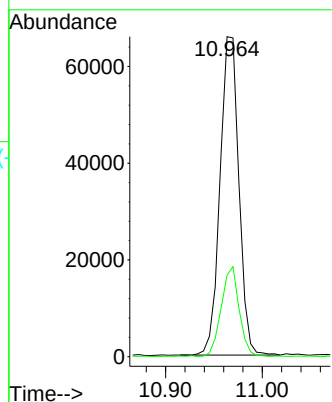
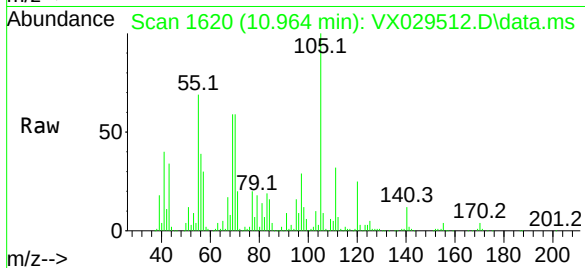
WC-14A-1A-6

Tgt Ion:105 Resp: 89121

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



#78

n-propylbenzene

Concen: 9.285 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX029512.D

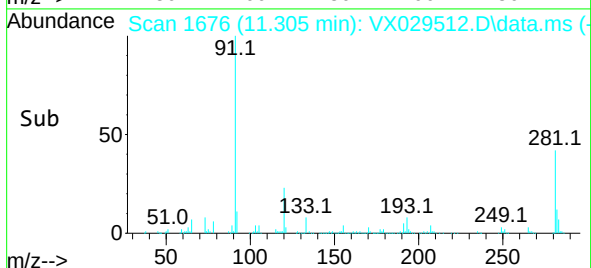
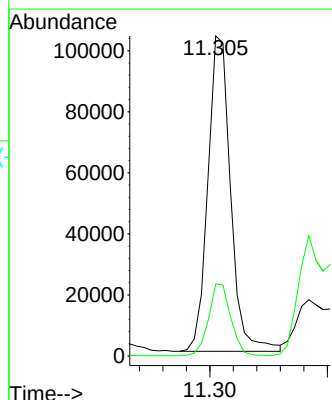
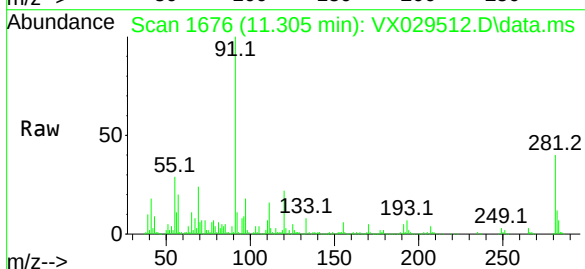
Acq: 15 Jun 2022 17:54

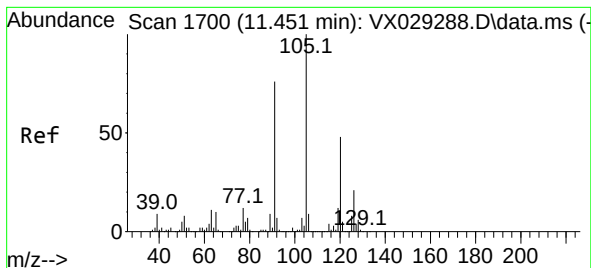
Tgt Ion: 91 Resp: 139117

Ion Ratio Lower Upper

91 100

120 22.2 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 20.335 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX029512.D

Acq: 15 Jun 2022 17:54

Instrument :

MSVOA_X

ClientSampleId :

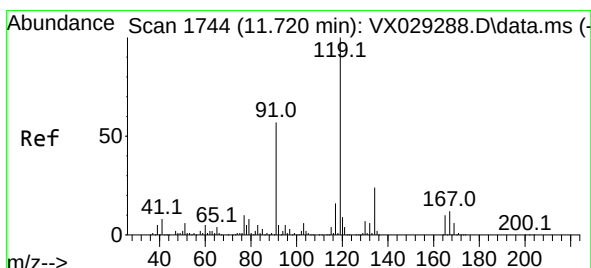
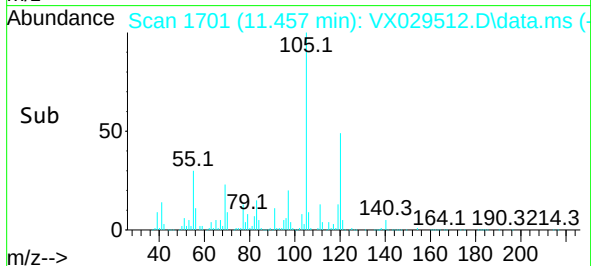
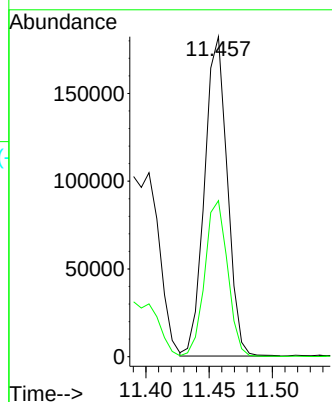
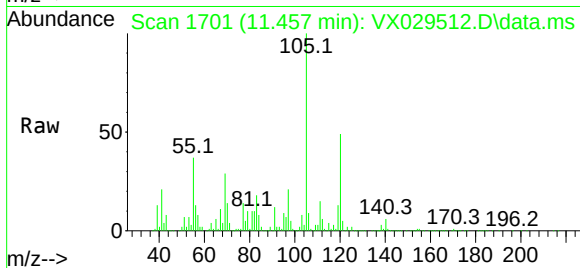
WC-14A-1A-6

Tgt Ion:105 Resp: 227988

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.9



#83

tert-Butylbenzene

Concen: 1.274 ug/l

RT: 11.720 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX029512.D

Acq: 15 Jun 2022 17:54

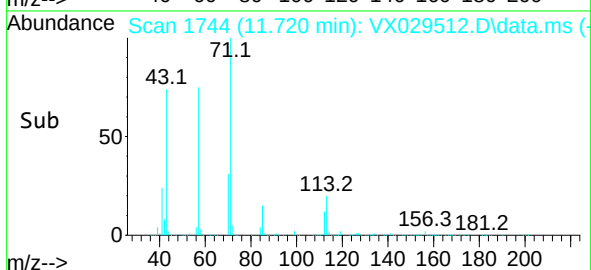
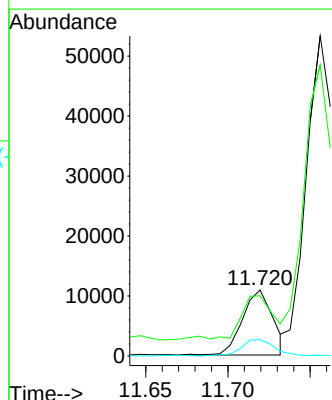
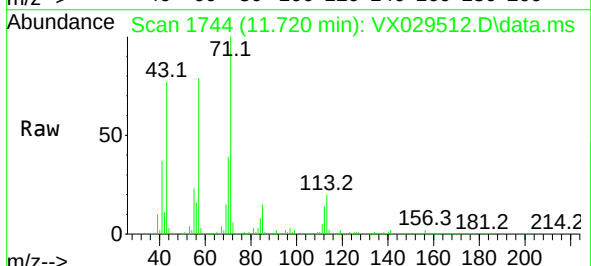
Tgt Ion:119 Resp: 13858

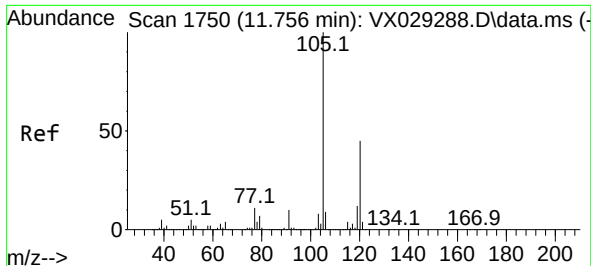
Ion Ratio Lower Upper

119 100

91 66.9 26.9 80.6

134 28.6 11.4 34.2

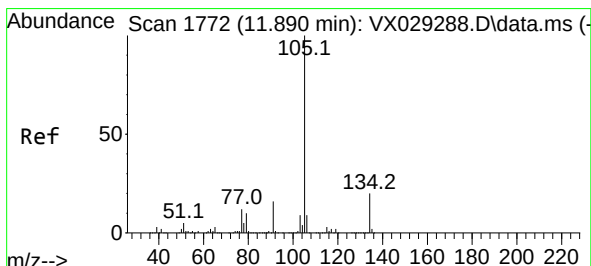
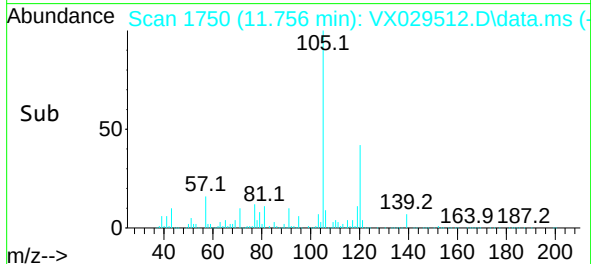
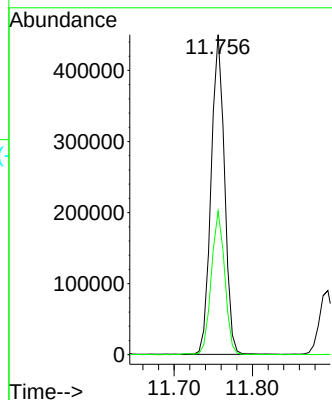
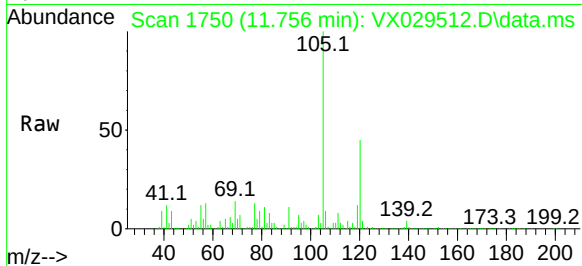




#84
1,2,4-Trimethylbenzene
Concen: 48.204 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

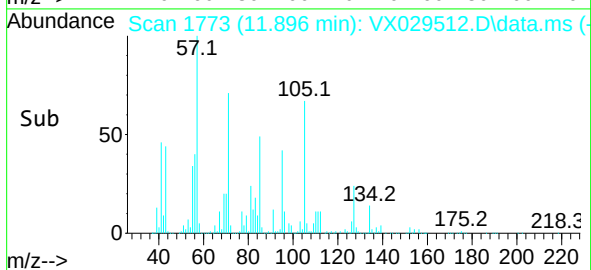
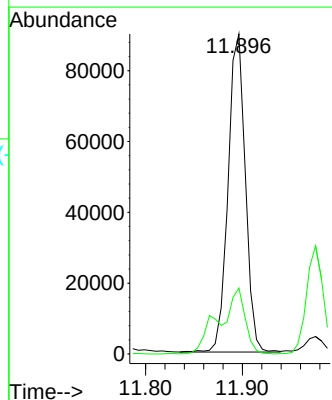
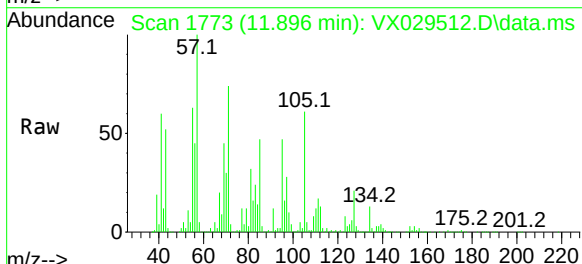
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-6

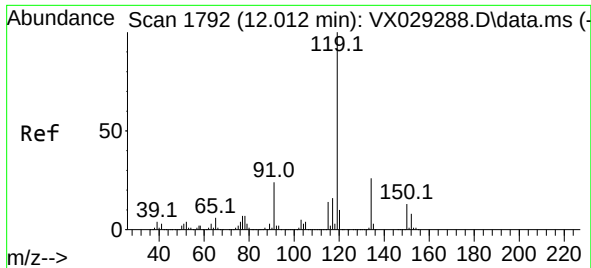
Tgt Ion:105 Resp: 533430
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.8



#85
sec-Butylbenzene
Concen: 8.343 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

Tgt Ion:105 Resp: 111455
Ion Ratio Lower Upper
105 100
134 31.3 10.2 30.4#

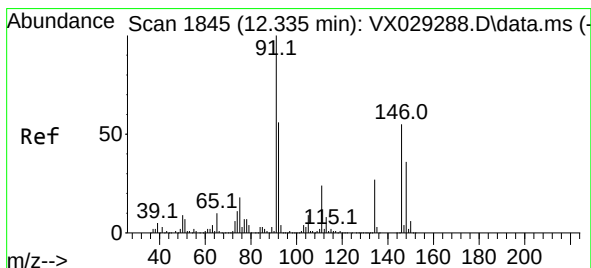
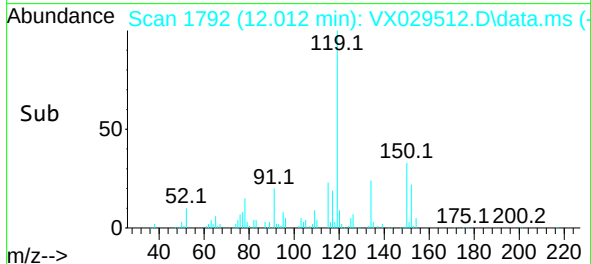
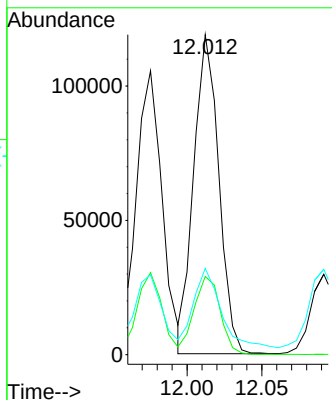
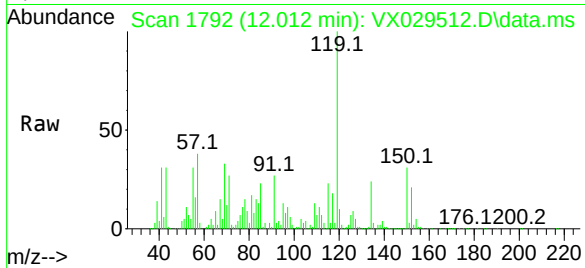




#86
p-Isopropyltoluene
Concen: 12.330 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-6

Tgt Ion:119 Resp: 138080
Ion Ratio Lower Upper
119 100
134 25.6 13.0 39.0
91 26.8 11.3 33.9



#89
n-Butylbenzene
Concen: 14.882 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029512.D
Acq: 15 Jun 2022 17:54

Tgt Ion: 91 Resp: 140511
Ion Ratio Lower Upper
91 100
92 33.1 27.8 83.3
134 97.9 13.3 39.8#

