

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029767.D
 Acq On : 24 Jun 2022 12:02
 Operator : JC/MD
 Sample : N3422-05
 Misc : 5.73g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-12-GR

Quant Time: Jun 25 01:58:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

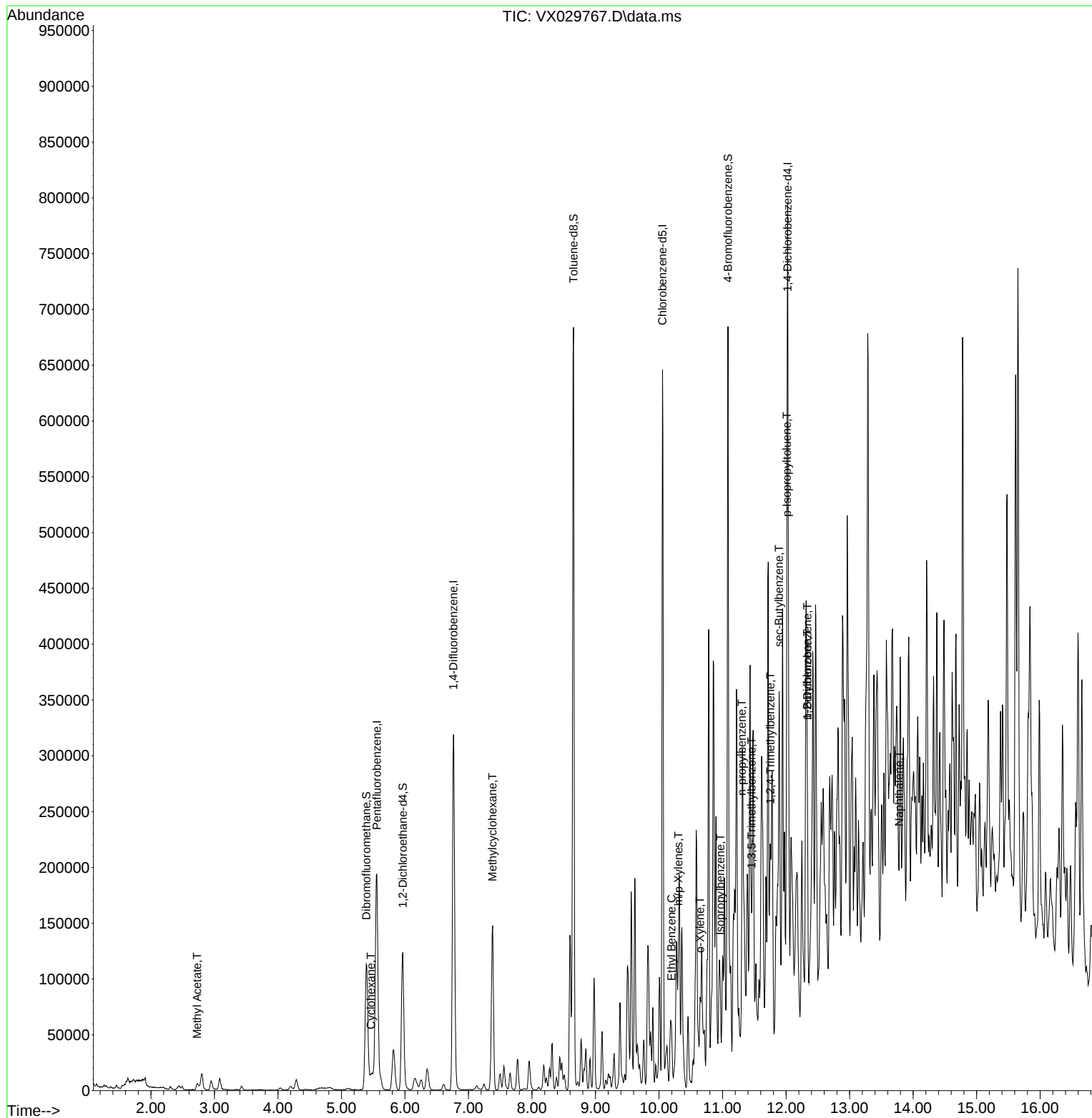
Internal Standards						
1) Pentafluorobenzene	5.556	168	190912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	354114	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122346	48.413	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.820%		
35) Dibromofluoromethane	5.391	113	106171	46.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.020%		
50) Toluene-d8	8.653	98	413356	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.060%		
62) 4-Bromofluorobenzene	11.085	95	146324	46.025	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.040%		
Target Compounds						Qvalue
18) Methyl Acetate	2.727	43	10101	3.793	ug/l #	88
31) Cyclohexane	5.464	56	9867	2.908	ug/l	97
39) Methylcyclohexane	7.379	83	70110	18.004	ug/l	94
67) Ethyl Benzene	10.195	91	17479	1.586	ug/l	97
68) m/p-Xylenes	10.305	106	9988	2.324	ug/l	87
69) o-Xylene	10.646	106	9694	2.283	ug/l	98
73) Isopropylbenzene	10.963	105	22057	2.182	ug/l	94
78) n-propylbenzene	11.305	91	37005	3.250	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	21294	2.501	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	34393	4.050	ug/l	94
85) sec-Butylbenzene	11.890	105	43188	4.198	ug/l #	78
86) p-Isopropyltoluene	12.012	119	85724	9.950	ug/l	98
89) n-Butylbenzene	12.335	91	44729	6.152	ug/l #	60
91) 1,2-Dichlorobenzene	12.335	146	11027	2.552	ug/l #	69
95) Naphthalene	13.780	128	28870	3.052	ug/l #	82

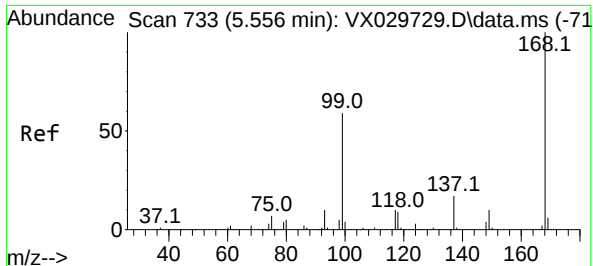
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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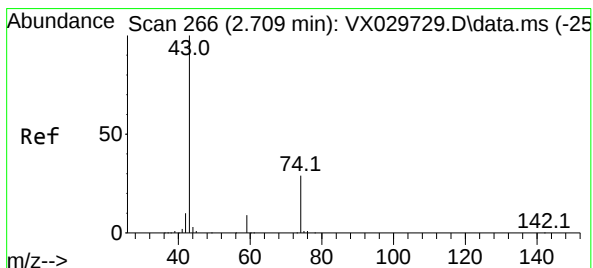
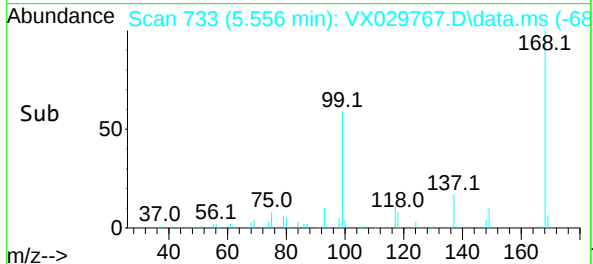
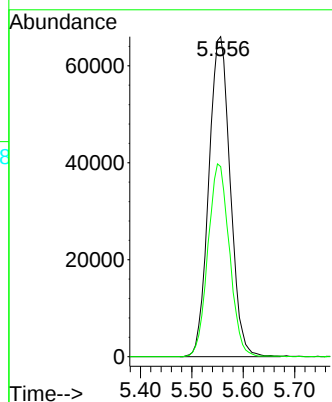
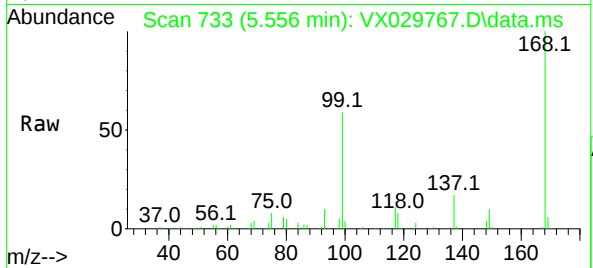




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

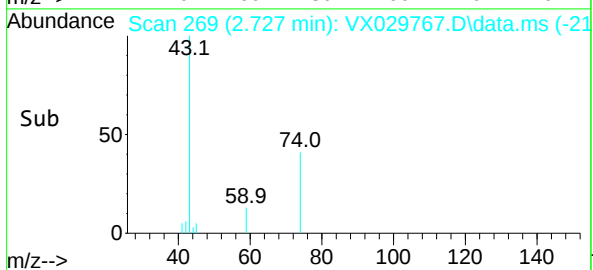
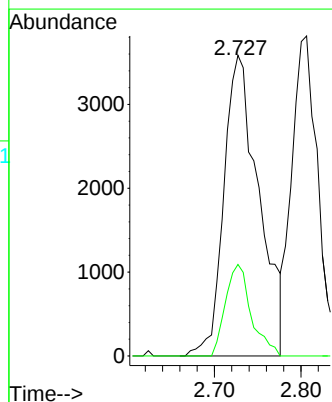
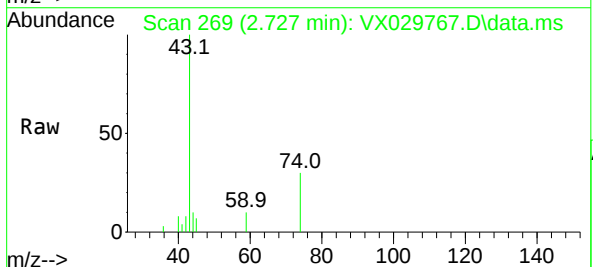
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-12-GR

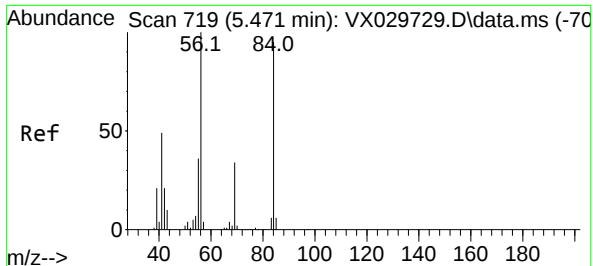
Tgt Ion:168 Resp: 190912
Ion Ratio Lower Upper
168 100
99 59.4 41.7 62.5



#18
Methyl Acetate
Concen: 3.793 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

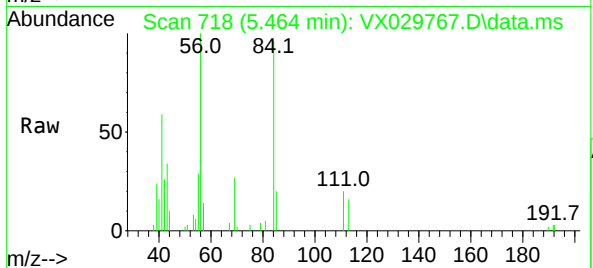
Tgt Ion: 43 Resp: 10101
Ion Ratio Lower Upper
43 100
74 22.2 22.8 34.2#



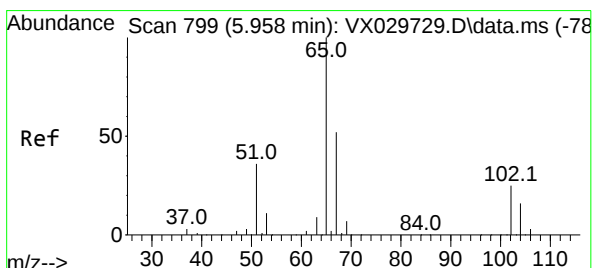
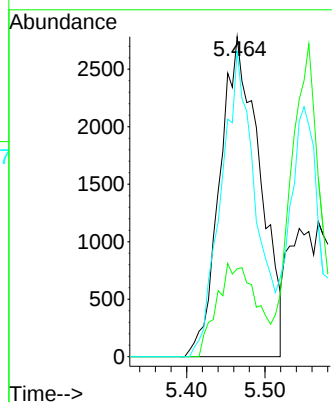
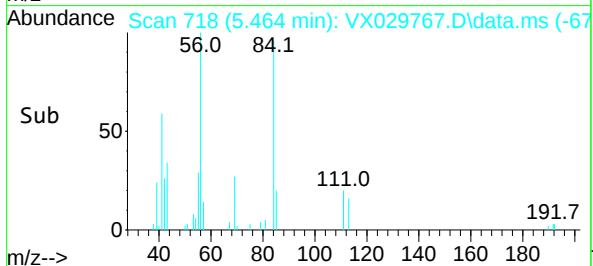


#31
Cyclohexane
Concen: 2.908 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.013 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-12-GR

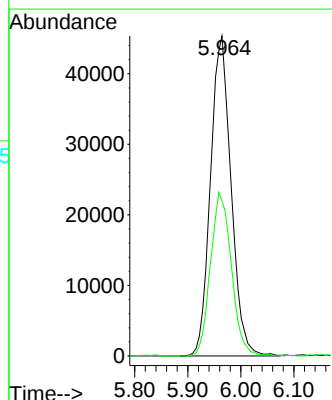
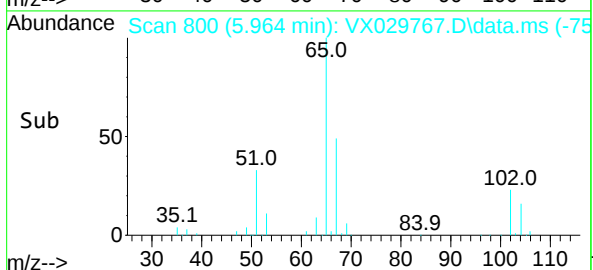
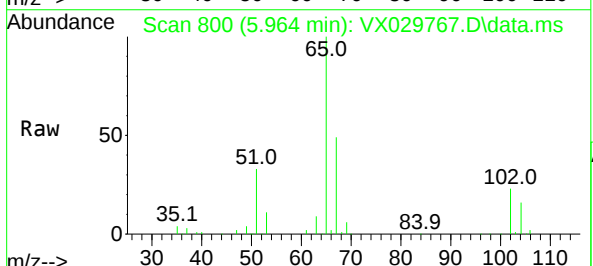


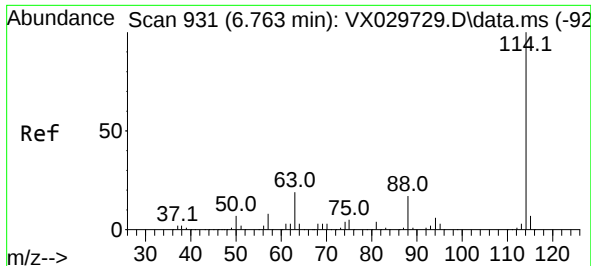
Tgt Ion: 56 Resp: 9867
Ion Ratio Lower Upper
56 100
69 27.5 26.7 40.1
84 95.6 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 48.413 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

Tgt Ion: 65 Resp: 122346
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

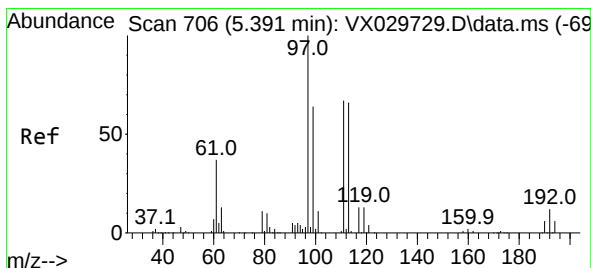
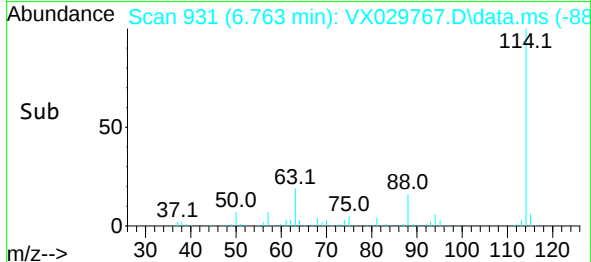
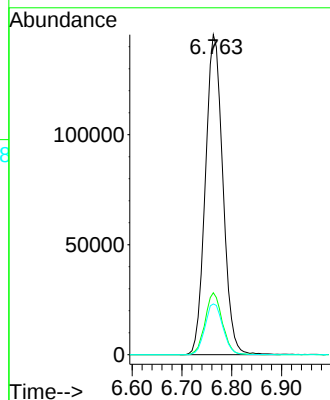
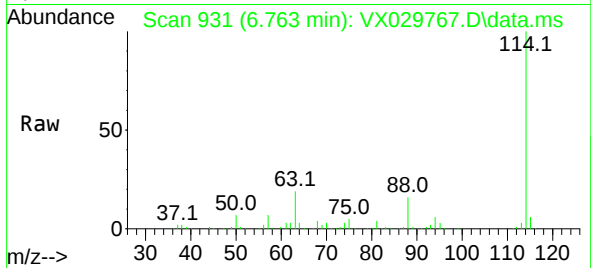




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

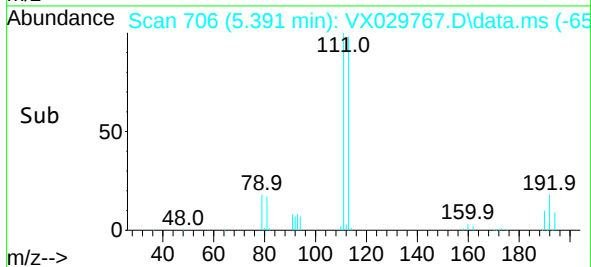
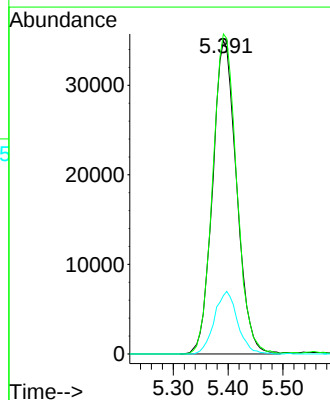
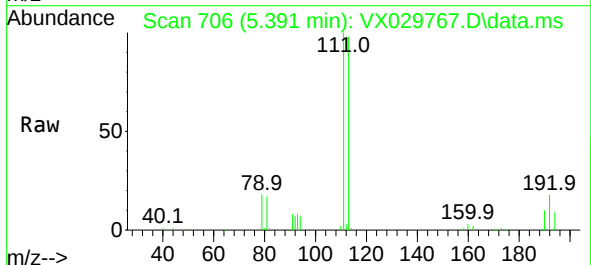
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-12-GR

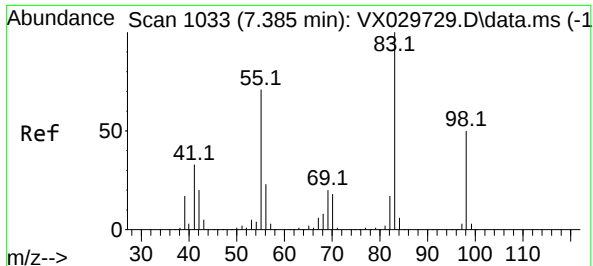
Tgt Ion:114 Resp: 354114
Ion Ratio Lower Upper
114 100
63 19.3 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.007 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

Tgt Ion:113 Resp: 106171
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 19.3 16.9 25.3





#39

Methylcyclohexane

Concen: 18.004 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029767.D

Acq: 24 Jun 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-12-GR

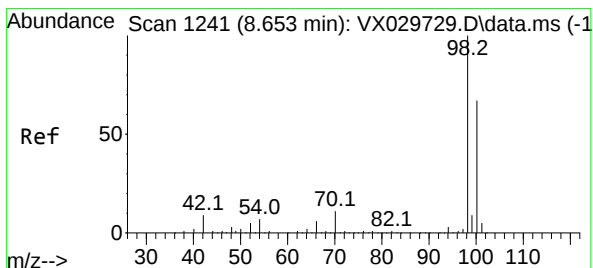
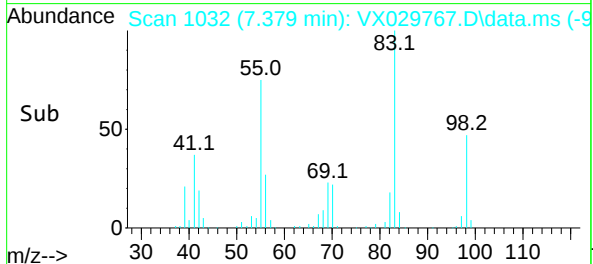
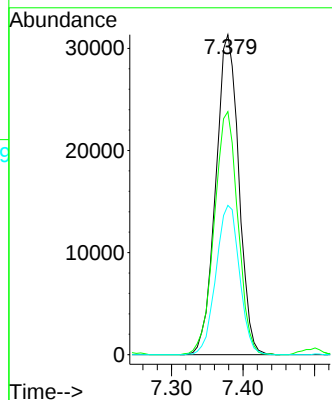
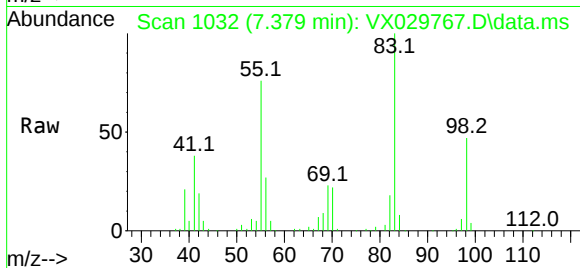
Tgt Ion: 83 Resp: 70110

Ion Ratio Lower Upper

83 100

55 75.9 54.6 81.8

98 46.7 37.4 56.2



#50

Toluene-d8

Concen: 49.031 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029767.D

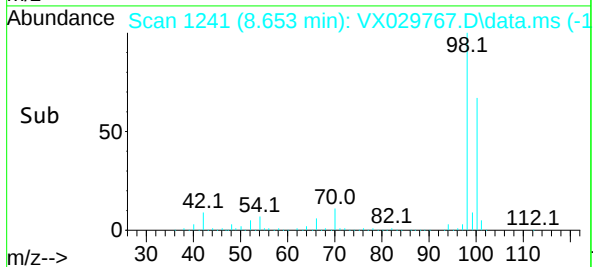
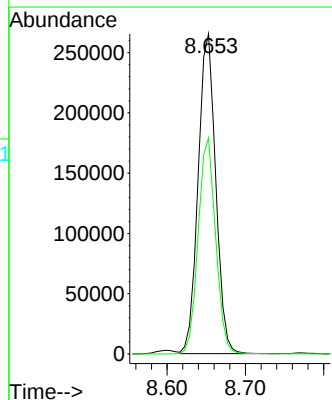
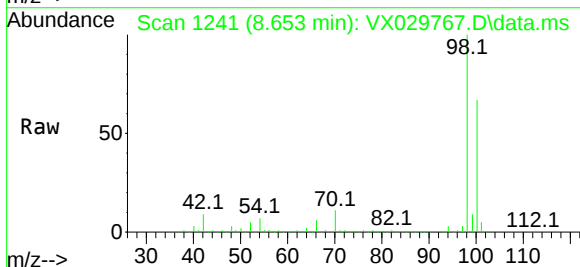
Acq: 24 Jun 2022 12:02

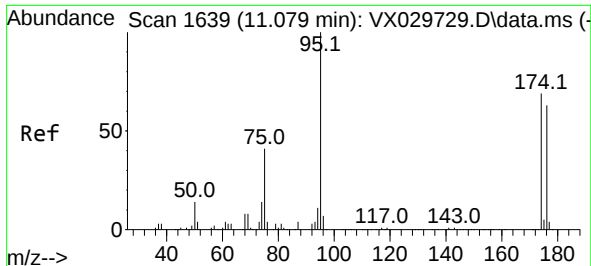
Tgt Ion: 98 Resp: 413356

Ion Ratio Lower Upper

98 100

100 67.3 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 46.025 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029767.D

Acq: 24 Jun 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-12-GR

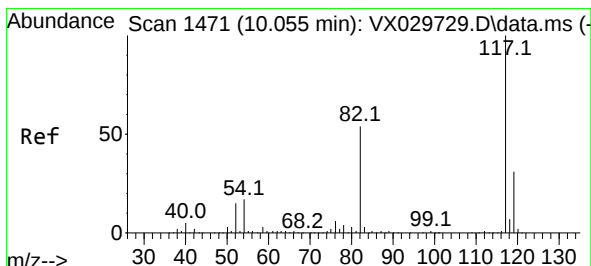
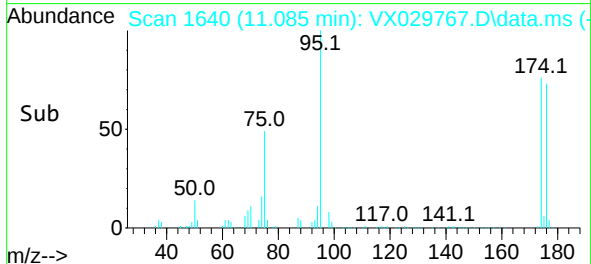
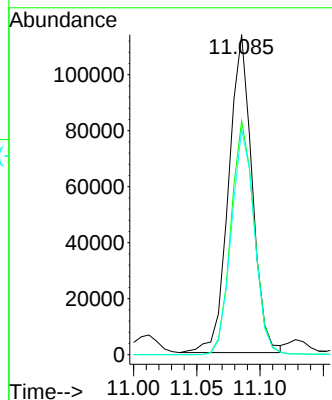
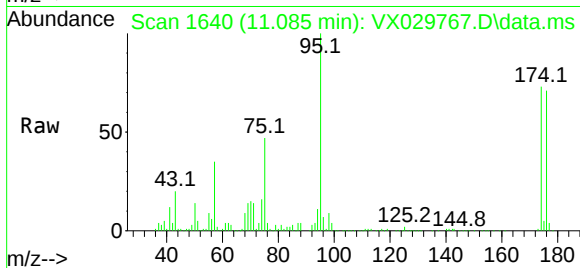
Tgt Ion: 95 Resp: 146324

Ion Ratio Lower Upper

95 100

174 73.3 0.0 163.0

176 70.1 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029767.D

Acq: 24 Jun 2022 12:02

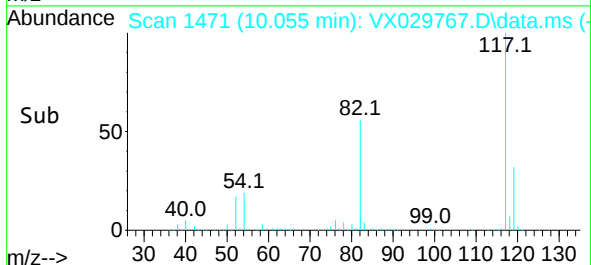
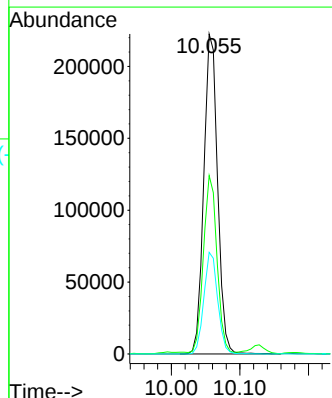
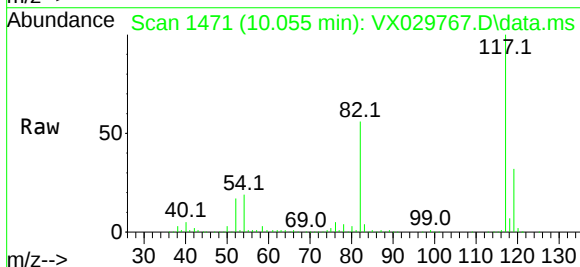
Tgt Ion: 117 Resp: 312179

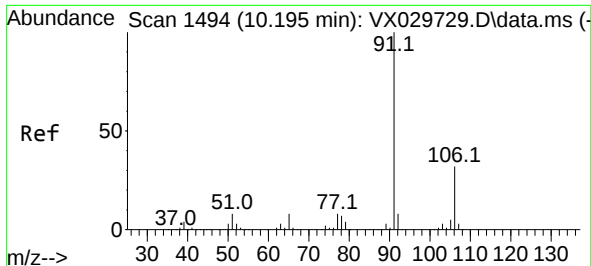
Ion Ratio Lower Upper

117 100

82 55.7 41.8 62.8

119 31.7 24.8 37.2





#67

Ethyl Benzene

Concen: 1.586 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029767.D

Acq: 24 Jun 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

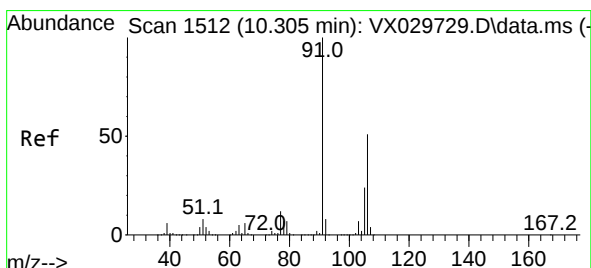
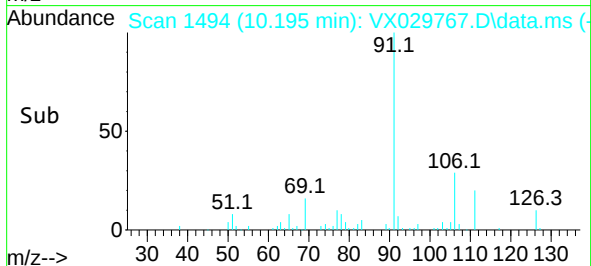
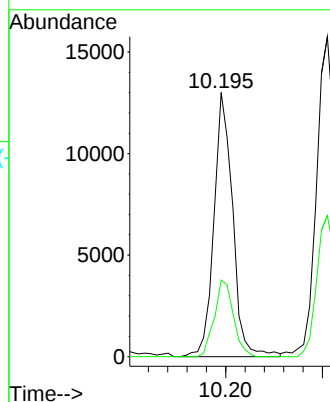
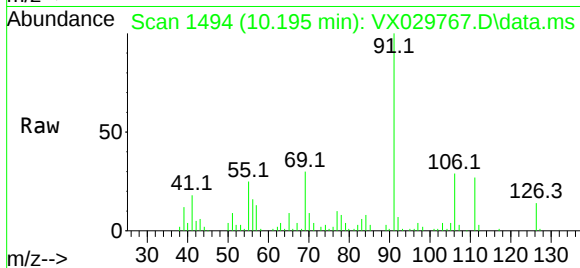
WC-14A-1A-12-GR

Tgt Ion: 91 Resp: 17479

Ion Ratio Lower Upper

91 100

106 29.0 24.6 36.8



#68

m/p-Xylenes

Concen: 2.324 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029767.D

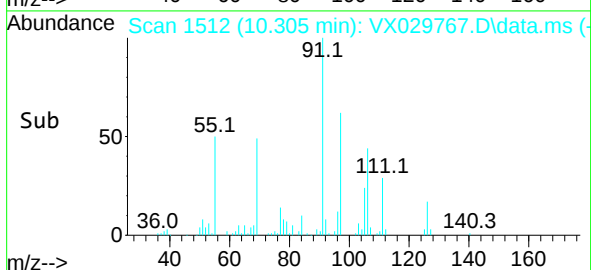
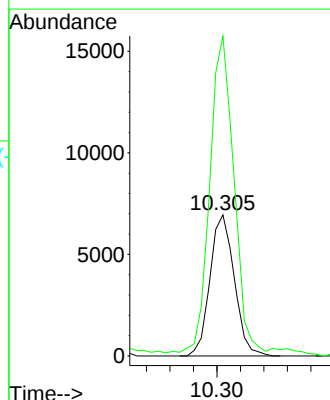
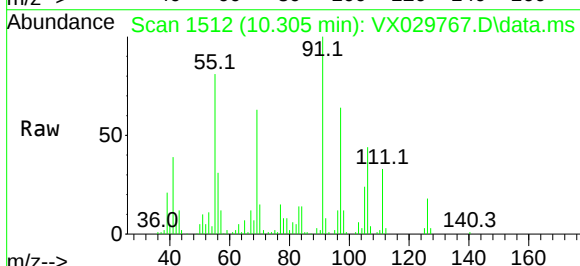
Acq: 24 Jun 2022 12:02

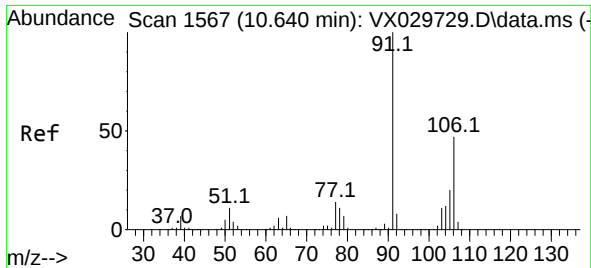
Tgt Ion: 106 Resp: 9988

Ion Ratio Lower Upper

106 100

91 220.7 160.4 240.6

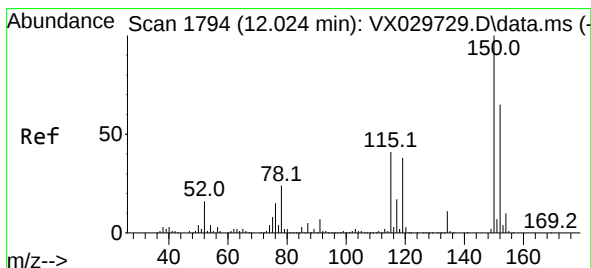
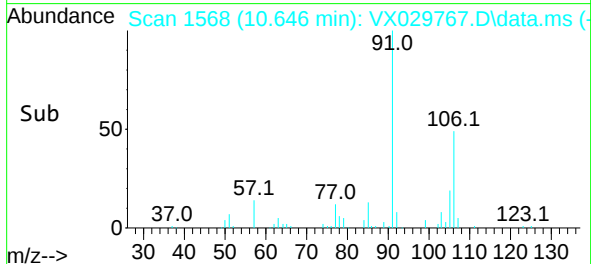
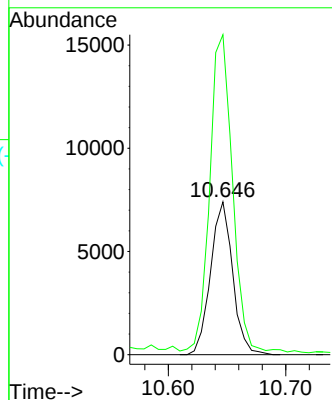
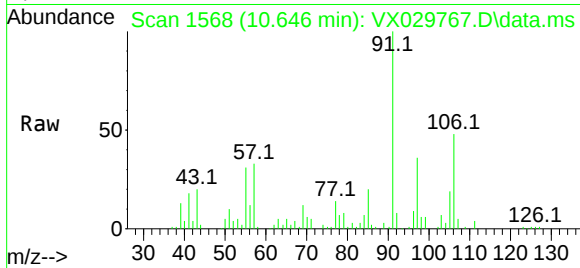




#69
o-Xylene
Concen: 2.283 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

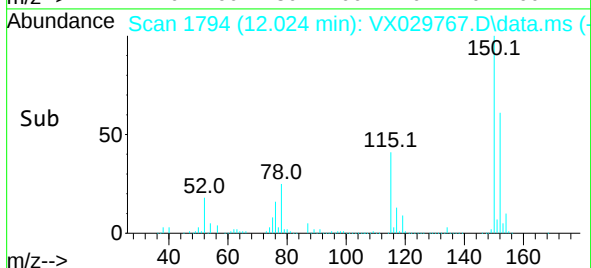
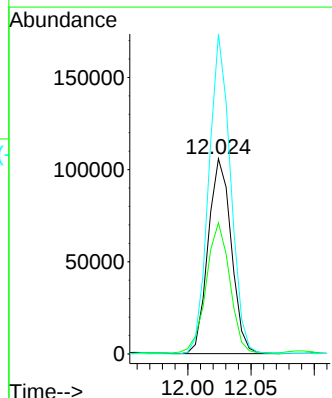
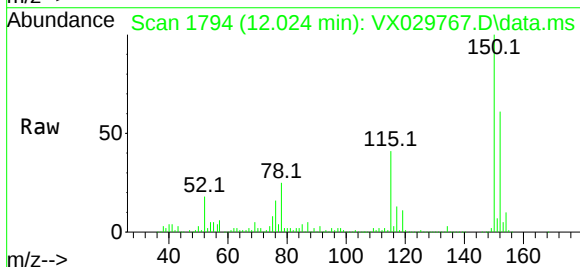
Instrument :
MSVOA_X
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WC-14A-1A-12-GR

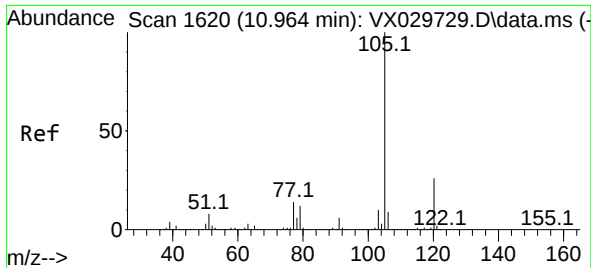
Tgt Ion:106 Resp: 9694
Ion Ratio Lower Upper
106 100
91 215.0 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

Tgt Ion:152 Resp: 134843
Ion Ratio Lower Upper
152 100
115 67.4 37.5 112.7
150 154.6 0.0 338.2

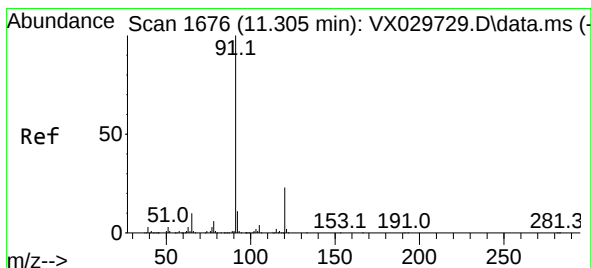
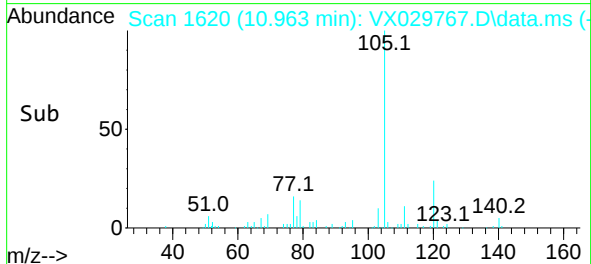
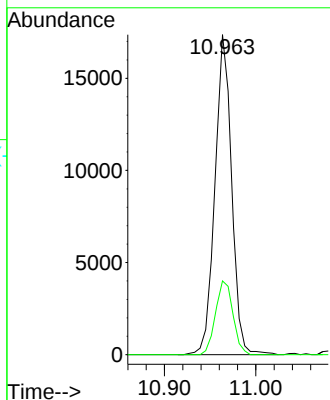
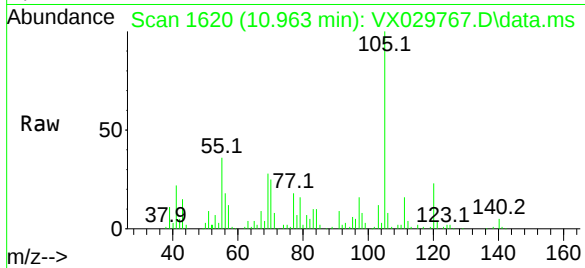




#73
Isopropylbenzene
Concen: 2.182 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

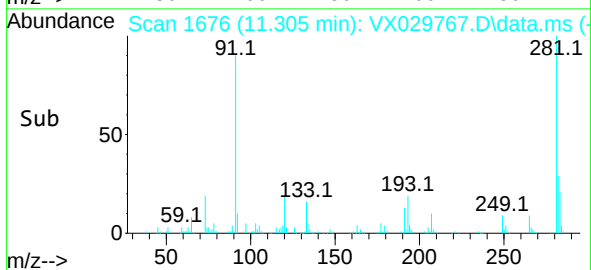
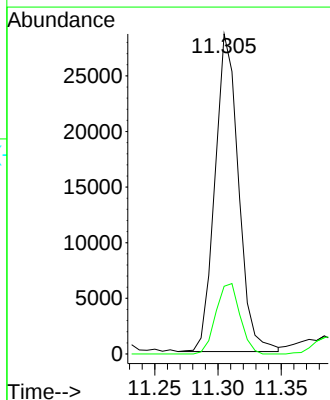
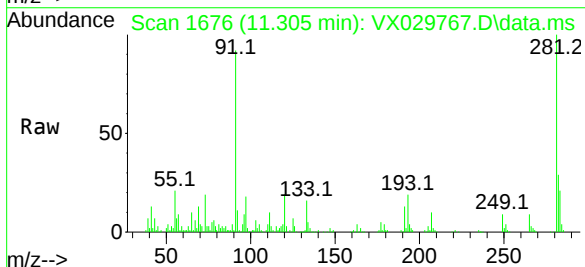
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-12-GR

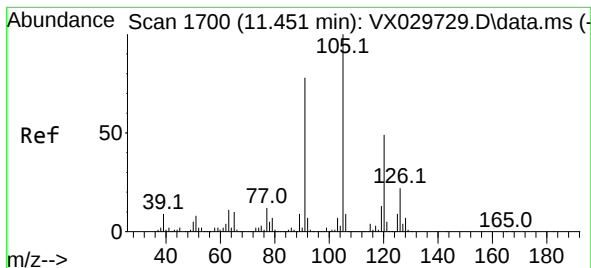
Tgt Ion:105 Resp: 22057
Ion Ratio Lower Upper
105 100
120 24.0 13.5 40.5



#78
n-propylbenzene
Concen: 3.250 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029767.D
Acq: 24 Jun 2022 12:02

Tgt Ion: 91 Resp: 37005
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 2.501 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX029767.D

Acq: 24 Jun 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

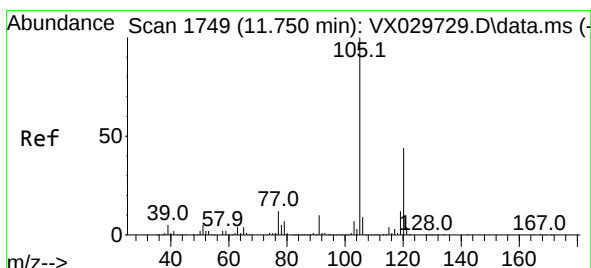
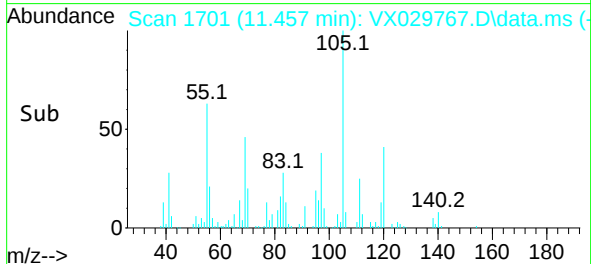
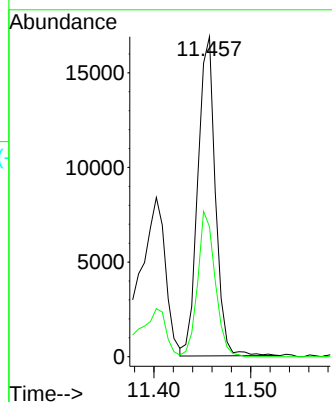
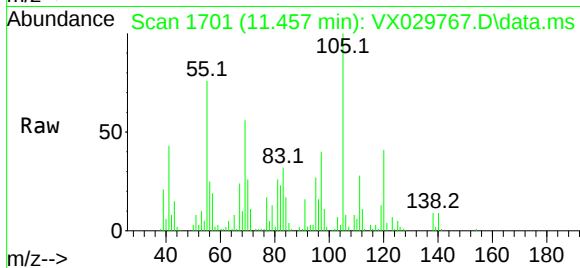
WC-14A-1A-12-GR

Tgt Ion:105 Resp: 21294

Ion Ratio Lower Upper

105 100

120 45.3 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 4.050 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX029767.D

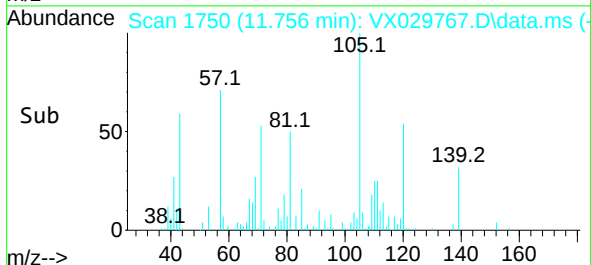
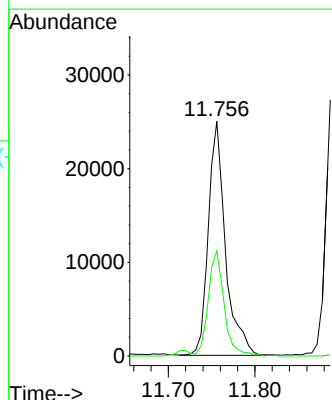
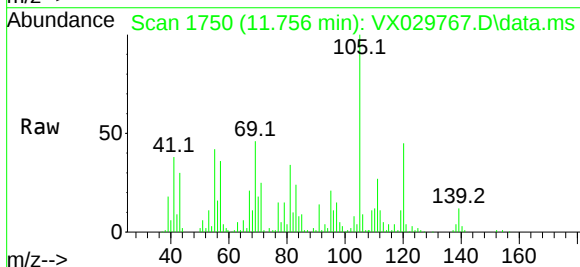
Acq: 24 Jun 2022 12:02

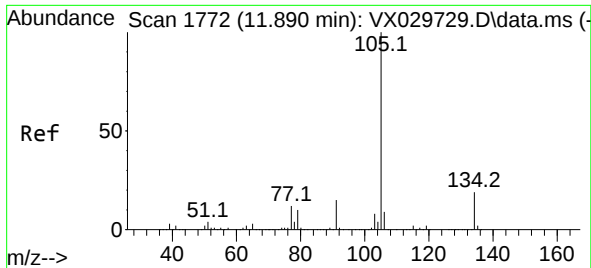
Tgt Ion:105 Resp: 34393

Ion Ratio Lower Upper

105 100

120 41.4 22.6 67.8

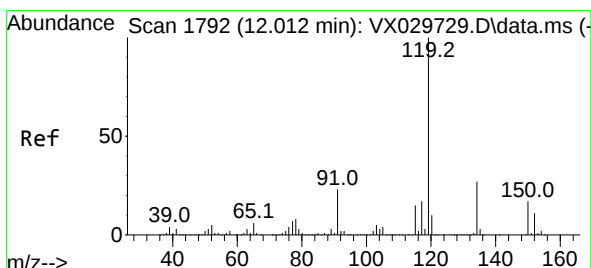
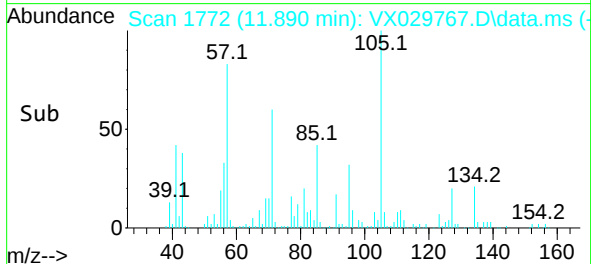
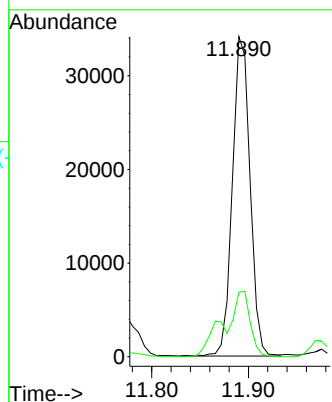
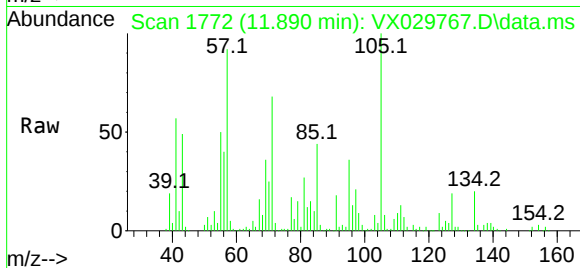




#85
 sec-Butylbenzene
 Concen: 4.198 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX029767.D
 Acq: 24 Jun 2022 12:02

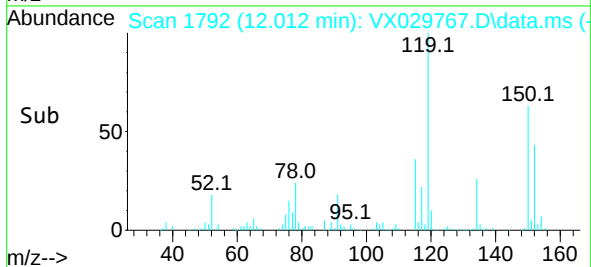
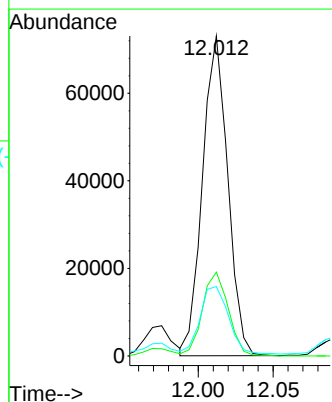
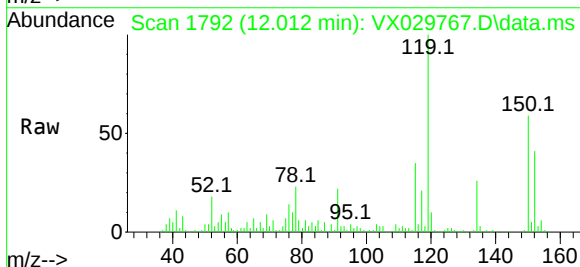
Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-12-GR

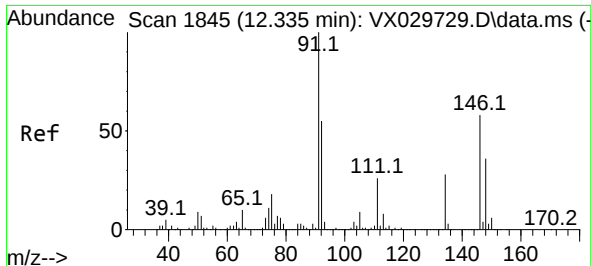
Tgt Ion:105 Resp: 43188
 Ion Ratio Lower Upper
 105 100
 134 30.6 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 9.950 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX029767.D
 Acq: 24 Jun 2022 12:02

Tgt Ion:119 Resp: 85724
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.0 39.0
 91 23.5 11.3 33.9





#89

n-Butylbenzene

Concen: 6.152 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029767.D

Acq: 24 Jun 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-12-GR

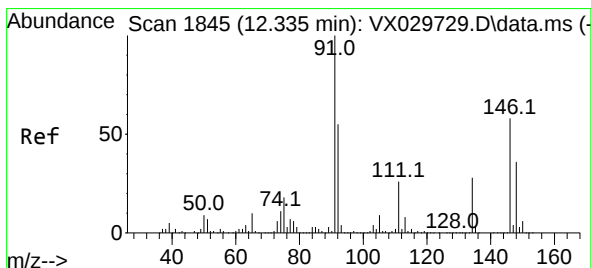
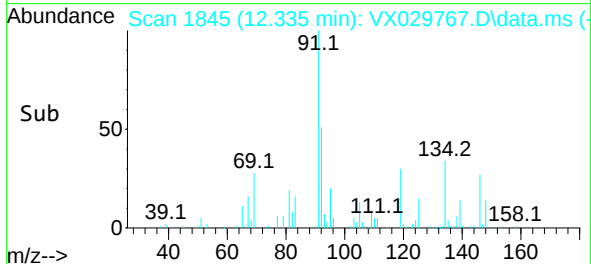
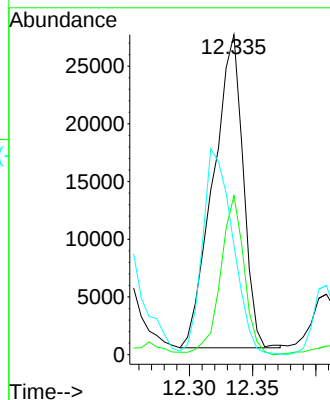
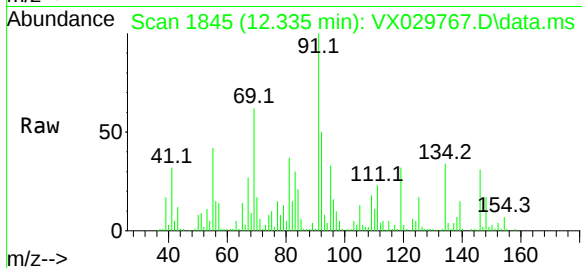
Tgt Ion: 91 Resp: 44729

Ion Ratio Lower Upper

91 100

92 39.9 27.8 83.3

134 66.6 13.3 39.8#



#91

1,2-Dichlorobenzene

Concen: 2.552 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029767.D

Acq: 24 Jun 2022 12:02

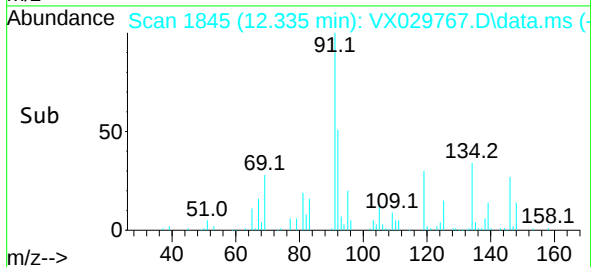
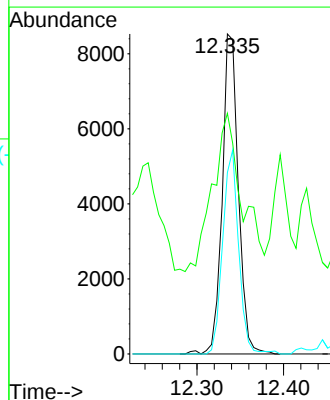
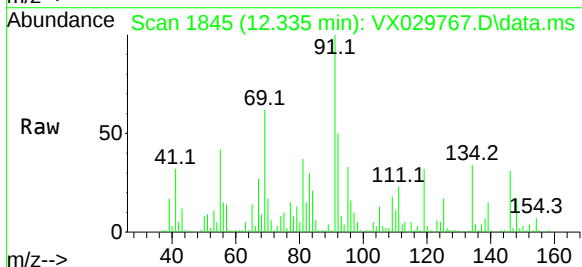
Tgt Ion: 146 Resp: 11027

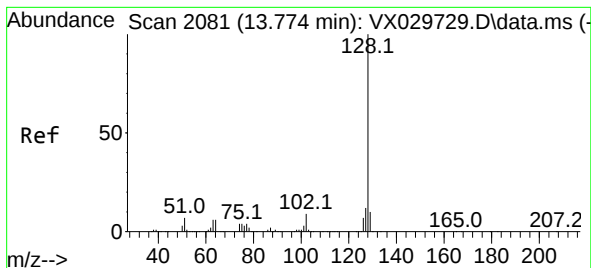
Ion Ratio Lower Upper

146 100

111 89.9 21.0 63.0#

148 63.0 32.6 97.7





#95

Naphthalene

Concen: 3.052 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029767.D

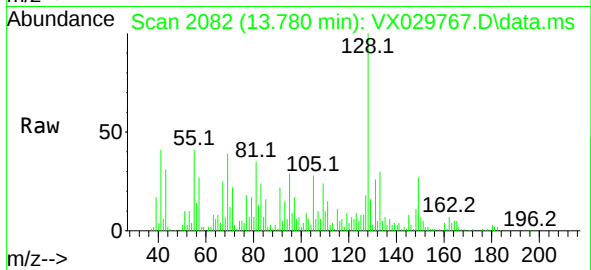
Acq: 24 Jun 2022 12:02

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-12-GR



Tgt Ion:128 Resp: 28870

Ion Ratio Lower Upper

128 100

127 9.4 10.2 15.4#

129 21.5 8.7 13.1#

