

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043114.D
 Acq On : 24 Sep 2024 11:35
 Operator : JC/MD
 Sample : P4103-07ME
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14-5-7.5BME

Quant Time: Sep 25 04:49:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

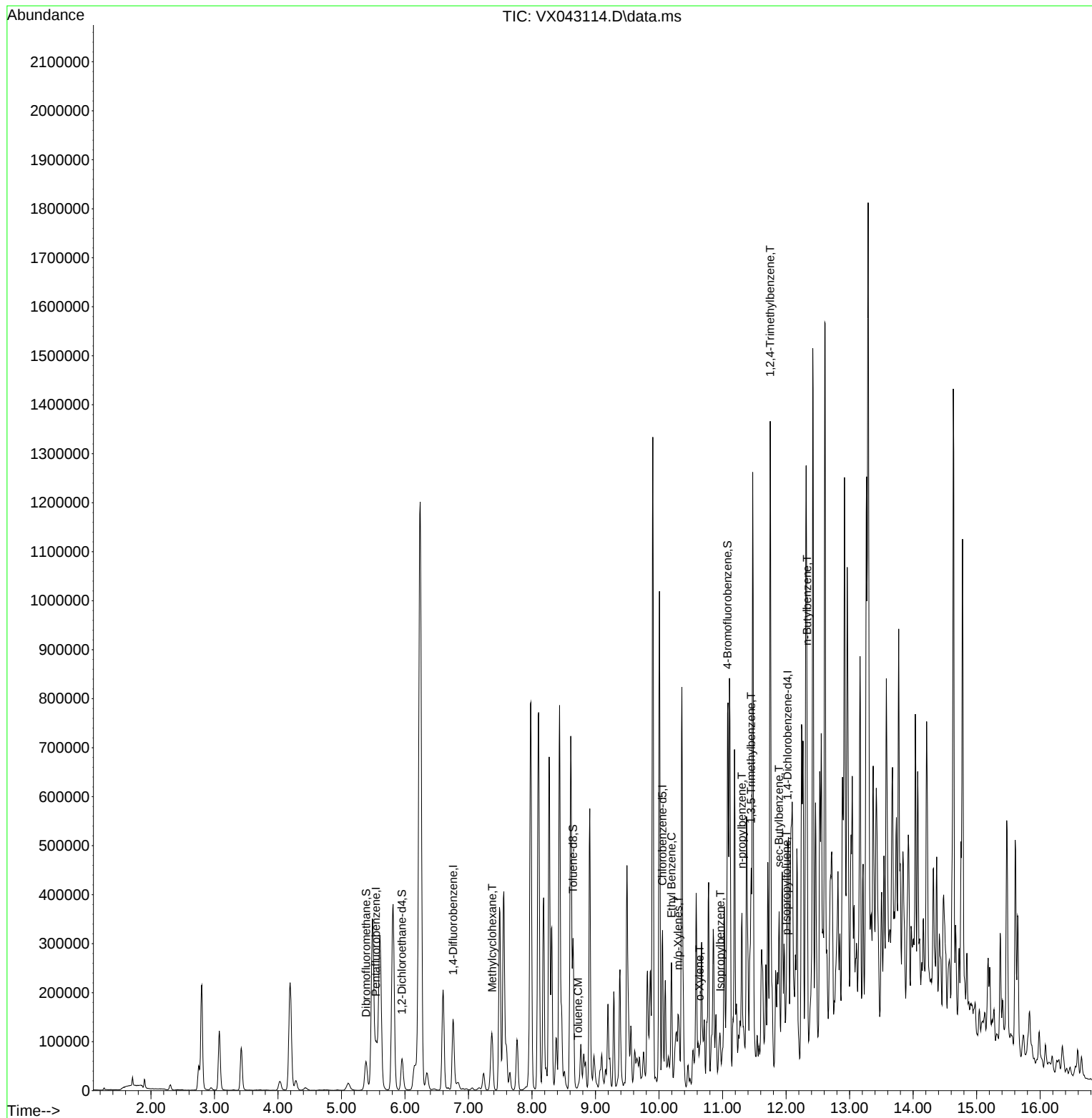
Internal Standards						
1) Pentafluorobenzene	5.544	168	77510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148365	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66531	51.675	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	5.385	113	51672	49.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.740%			
50) Toluene-d8	8.647	98	170754	48.223	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.440%			
62) 4-Bromofluorobenzene	11.079	95	68031	47.708	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.420%			
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.373	83	47502	29.431	ug/l	93
52) Toluene	8.726	92	545	0.223	ug/l	85
67) Ethyl Benzene	10.195	91	11226	2.353	ug/l	99
68) m/p-Xylenes	10.299	106	20130	11.336	ug/l	96
69) o-Xylene	10.640	106	10023	5.628	ug/l	97
73) Isopropylbenzene	10.963	105	22859	4.747	ug/l	99
78) n-propylbenzene	11.305	91	165309	30.258	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	145989	36.643	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	491368	123.966	ug/l	99
85) sec-Butylbenzene	11.890	105	58948	11.683	ug/l	97
86) p-Isopropyltoluene	12.006	119	25339	6.049	ug/l	97
89) n-Butylbenzene	12.329	91	243194	66.614	ug/l #	55

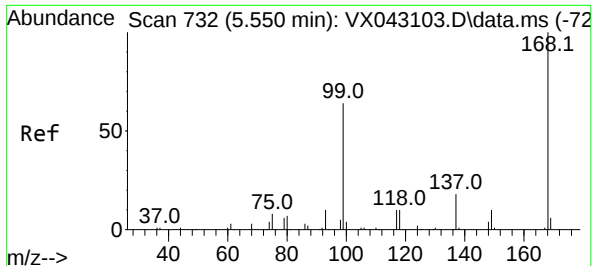
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WC-14-5-7.5BME

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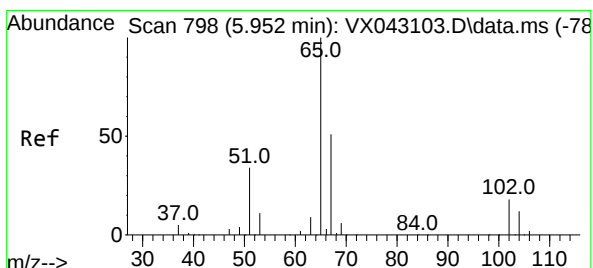
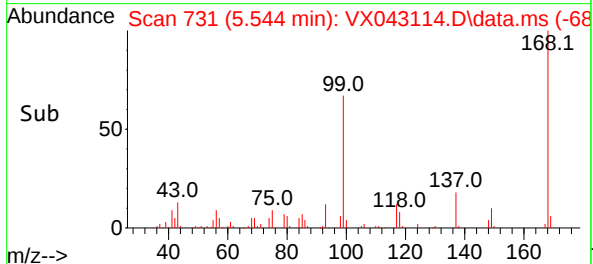
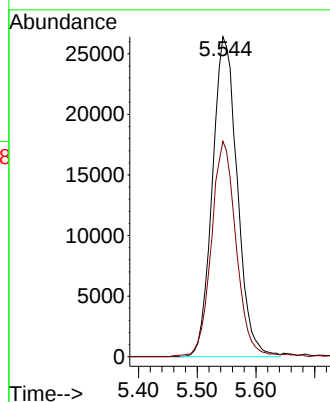
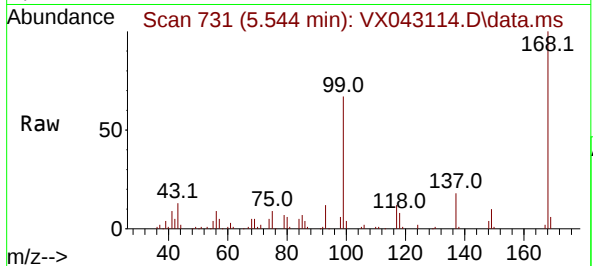




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

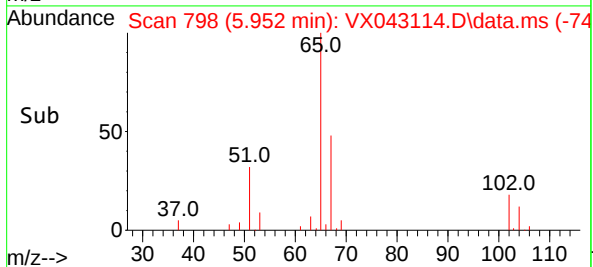
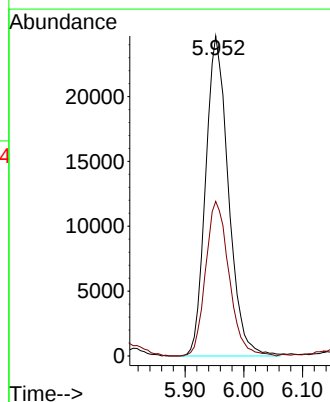
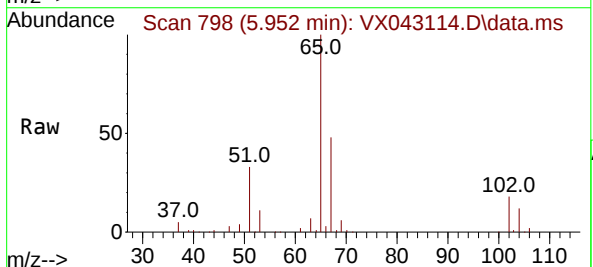
Instrument :
MSVOA_X
ClientSampleId :
WC-14-5-7.5BME

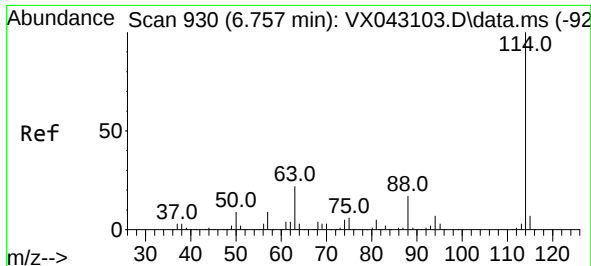
Tgt Ion:168 Resp: 77510
Ion Ratio Lower Upper
168 100
99 66.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.675 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 65 Resp: 66531
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0

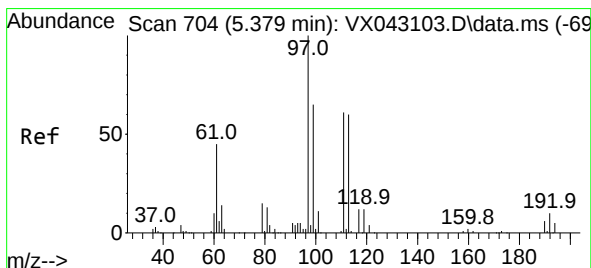
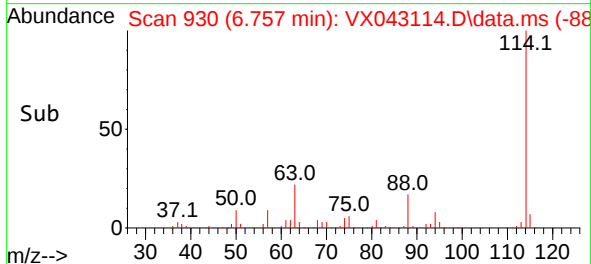
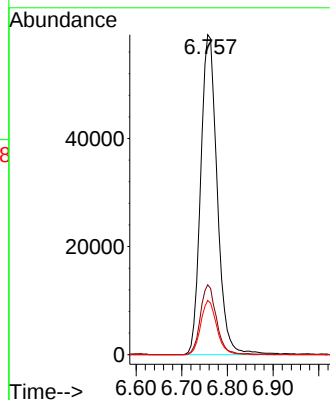
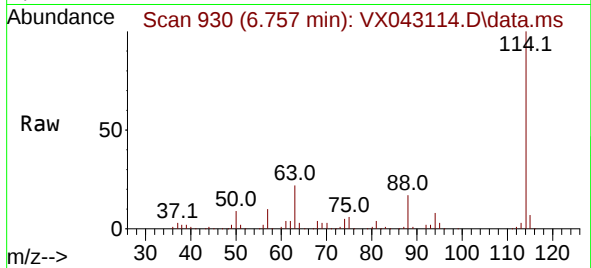




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

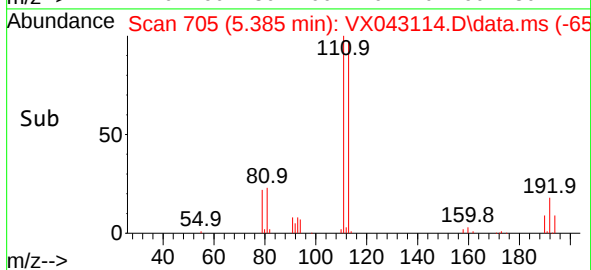
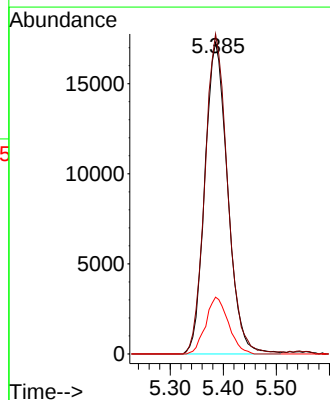
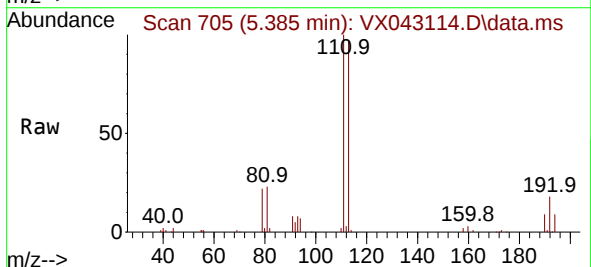
Instrument :
MSVOA_X
ClientSampleId :
WC-14-5-7.5BME

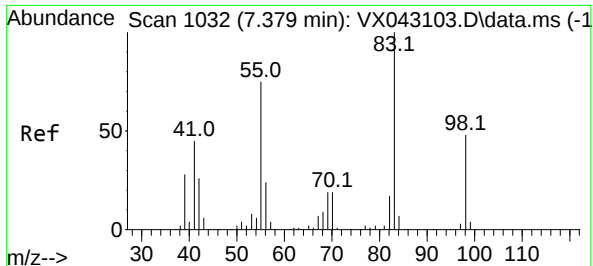
Tgt Ion:114 Resp: 148365
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 17.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion:113 Resp: 51672
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.1 14.6 22.0

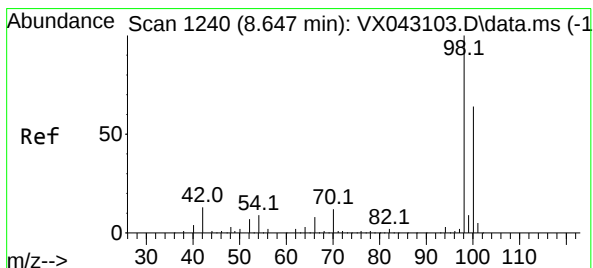
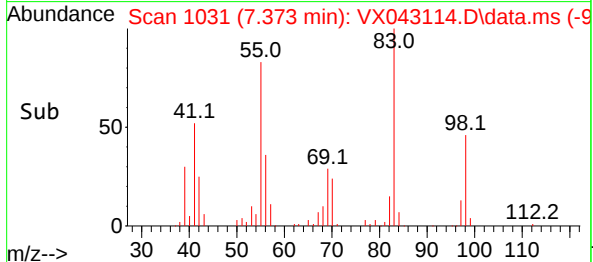
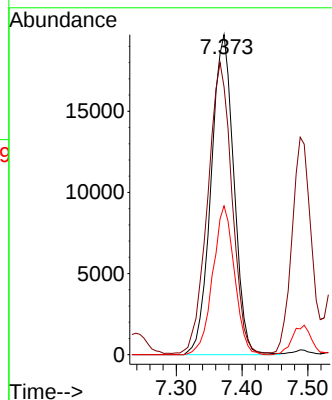
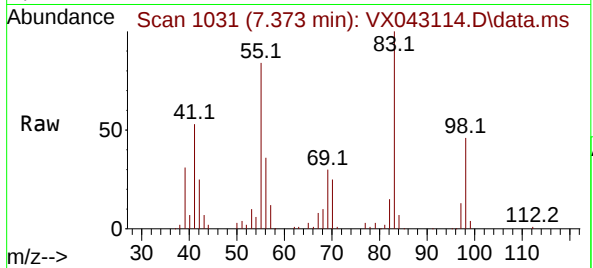




#39
Methylcyclohexane
Concen: 29.431 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

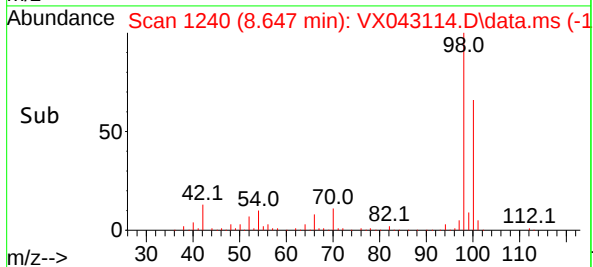
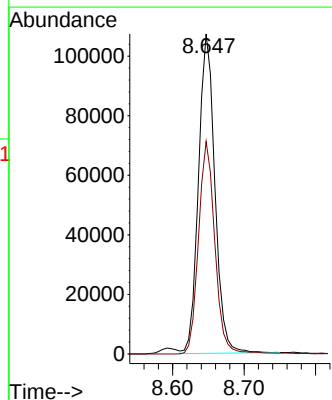
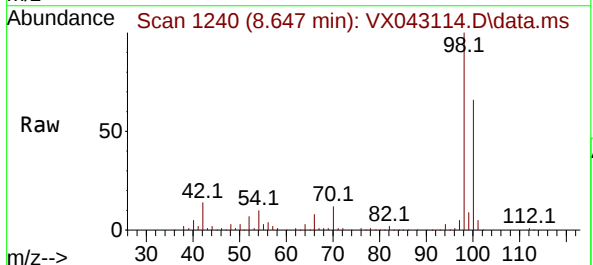
Instrument :
MSVOA_X
ClientSampleId :
WC-14-5-7.5BME

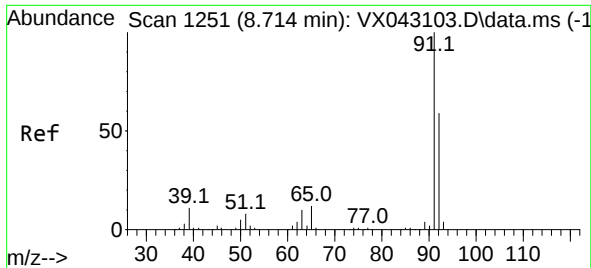
Tgt Ion: 83 Resp: 47502
Ion Ratio Lower Upper
83 100
55 83.2 60.2 90.4
98 46.5 38.6 58.0



#50
Toluene-d8
Concen: 48.223 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 98 Resp: 170754
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.4

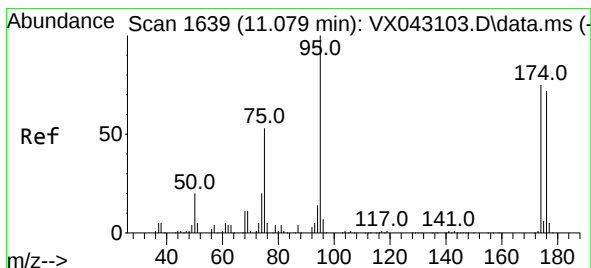
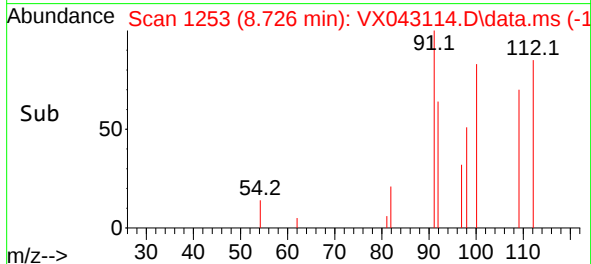
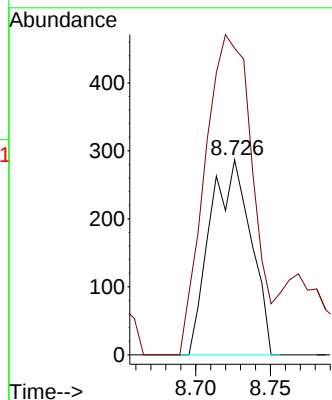
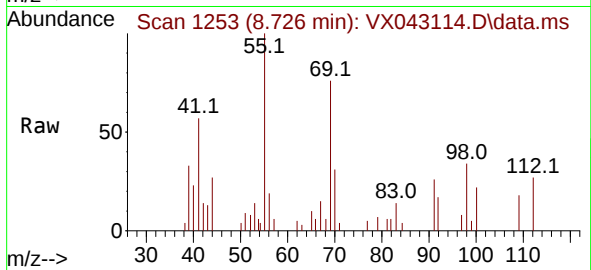




#52
Toluene
Concen: 0.223 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

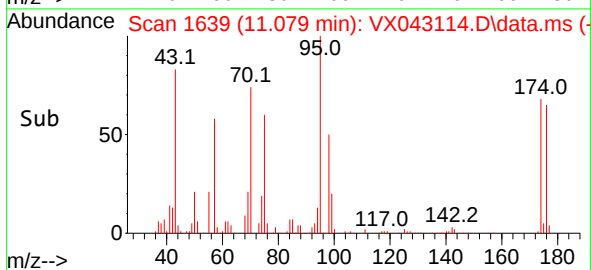
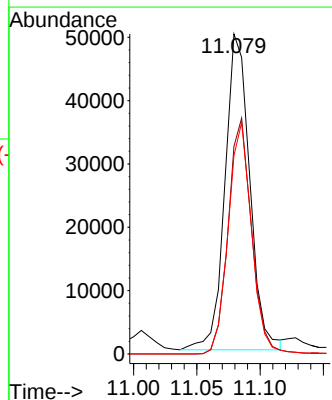
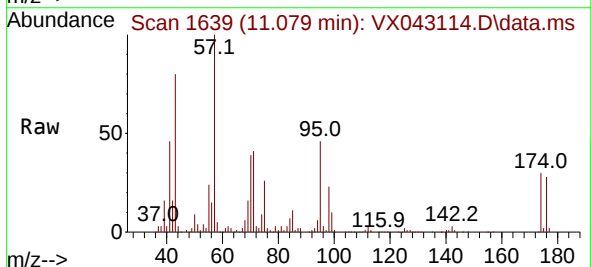
Instrument :
MSVOA_X
ClientSampleId :
WC-14-5-7.5BME

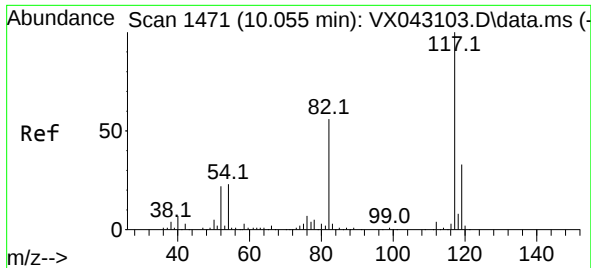
Tgt Ion: 92 Resp: 545
Ion Ratio Lower Upper
92 100
91 190.6 135.9 203.9



#62
4-Bromofluorobenzene
Concen: 47.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 95 Resp: 68031
Ion Ratio Lower Upper
95 100
174 70.5 0.0 146.0
176 69.3 0.0 142.6

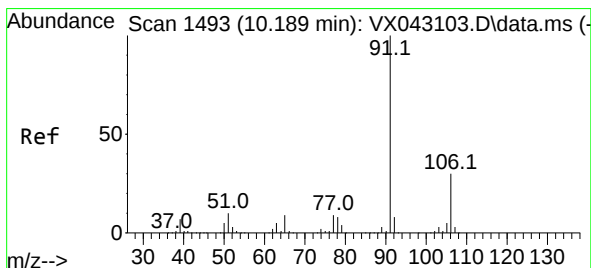
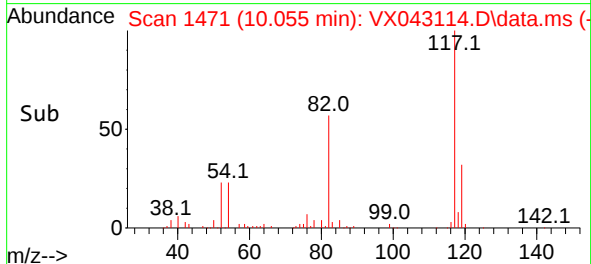
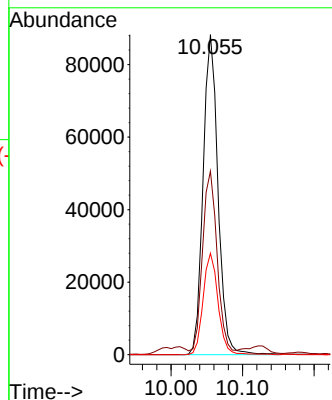
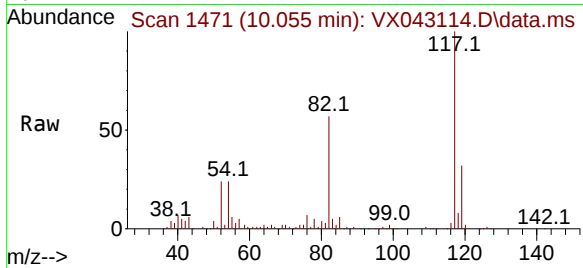




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

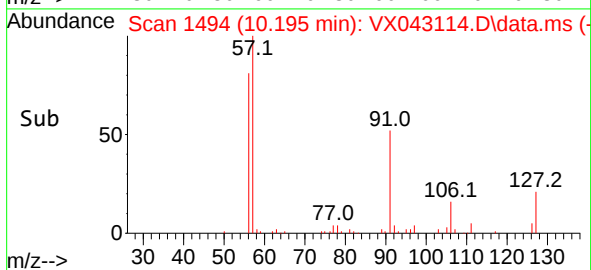
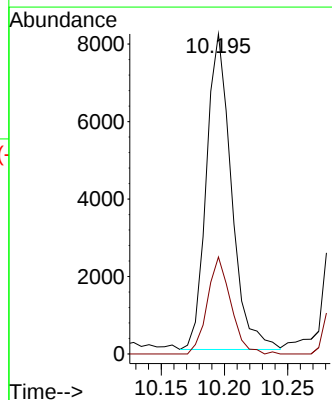
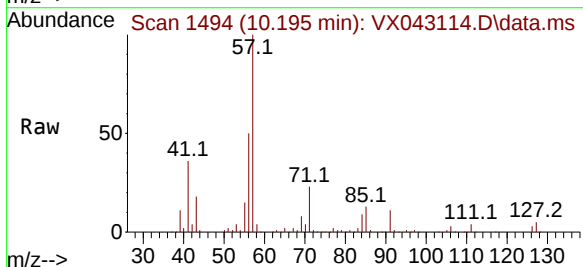
Instrument :
MSVOA_X
ClientSampleId :
WC-14-5-7.5BME

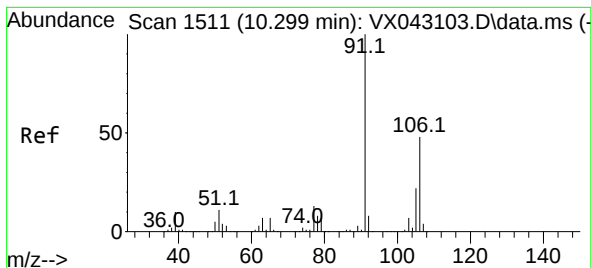
Tgt Ion:117 Resp: 127870
Ion Ratio Lower Upper
117 100
82 56.9 44.7 67.1
119 31.7 26.3 39.5



#67
Ethyl Benzene
Concen: 2.353 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 91 Resp: 11226
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4





#68

m/p-Xylenes

Concen: 11.336 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

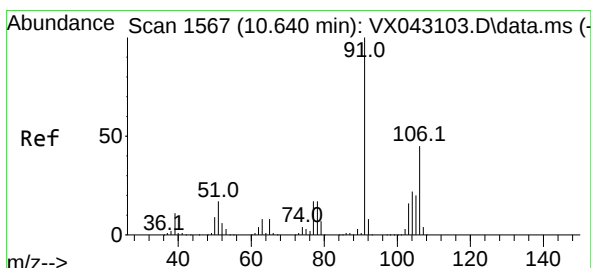
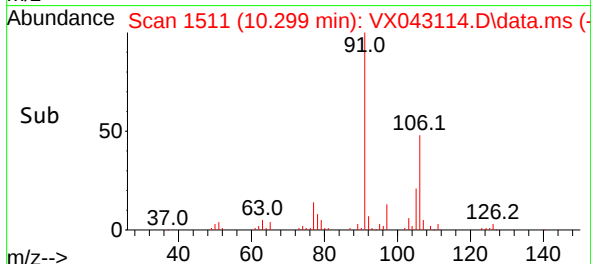
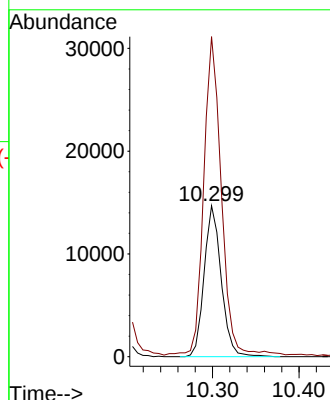
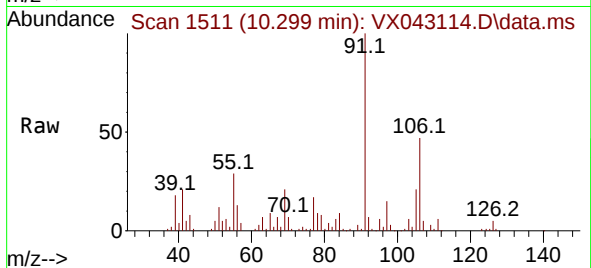
WC-14-5-7.5BME

Tgt Ion:106 Resp: 20130

Ion Ratio Lower Upper

106 100

91 216.3 167.5 251.3



#69

o-Xylene

Concen: 5.628 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043114.D

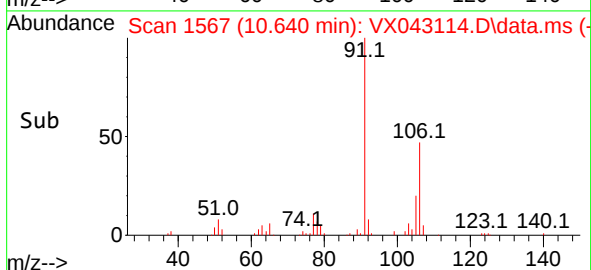
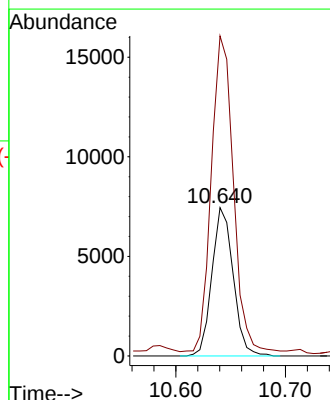
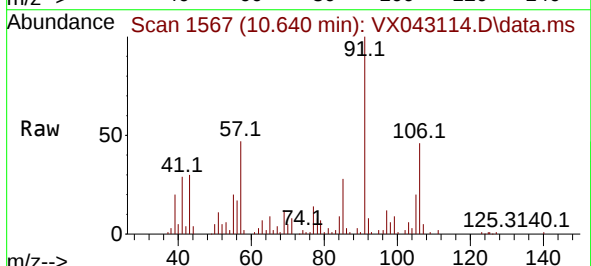
Acq: 24 Sep 2024 11:35

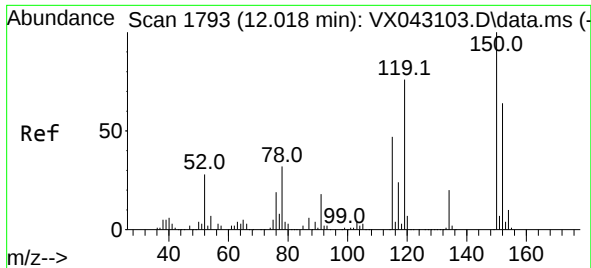
Tgt Ion:106 Resp: 10023

Ion Ratio Lower Upper

106 100

91 220.4 112.5 337.4

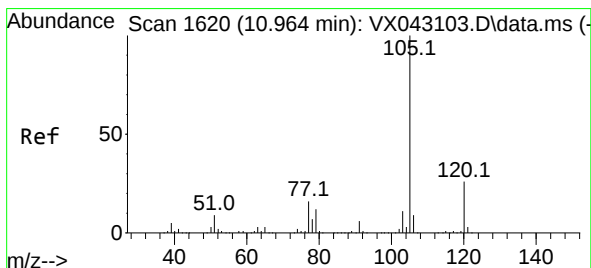
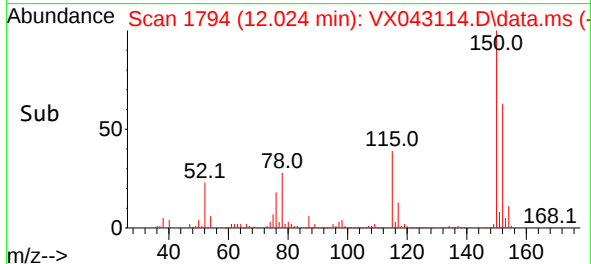
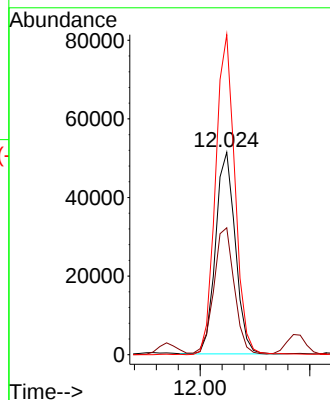
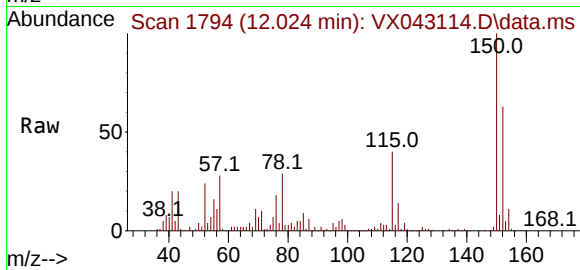




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

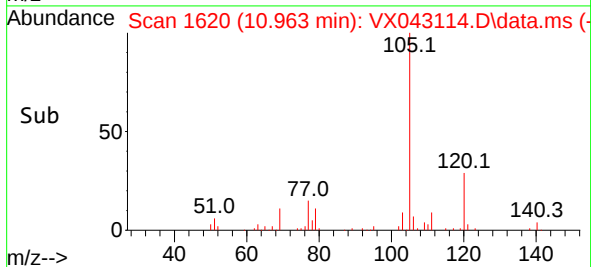
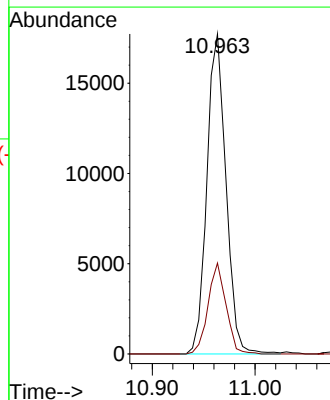
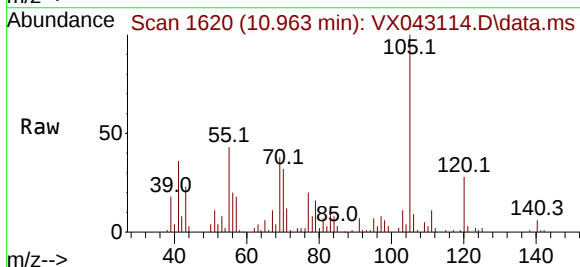
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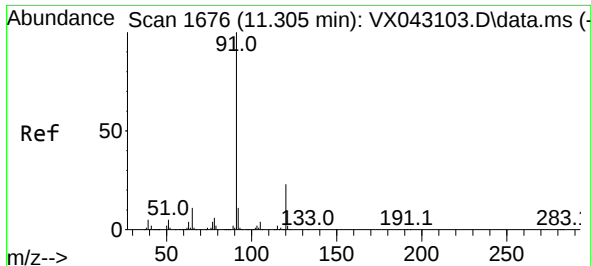
Tgt Ion:152 Resp: 64209
Ion Ratio Lower Upper
152 100
115 65.4 43.7 131.1
150 156.3 0.0 344.6



#73
Isopropylbenzene
Concen: 4.747 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion:105 Resp: 22859
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0

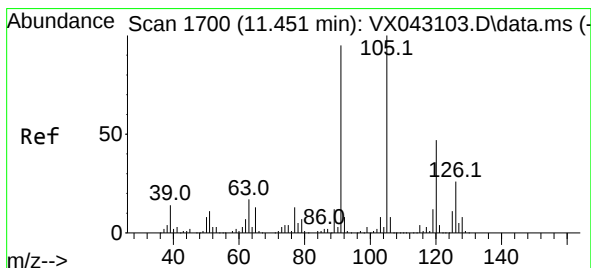
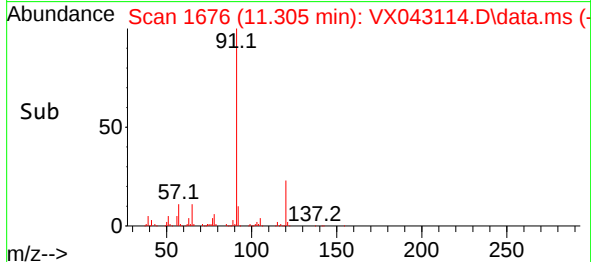
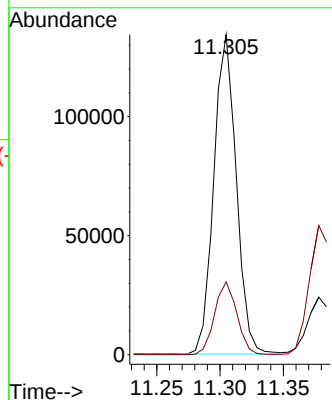
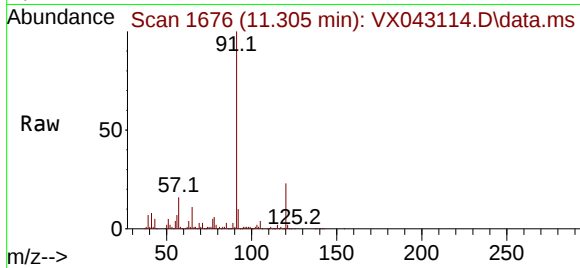




#78
n-propylbenzene
Concen: 30.258 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

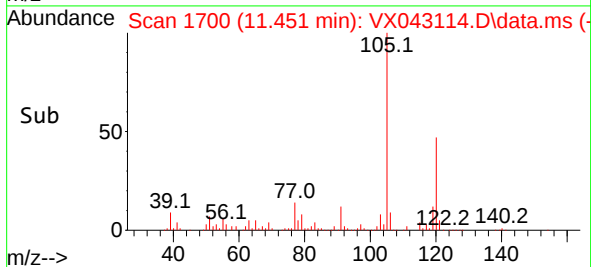
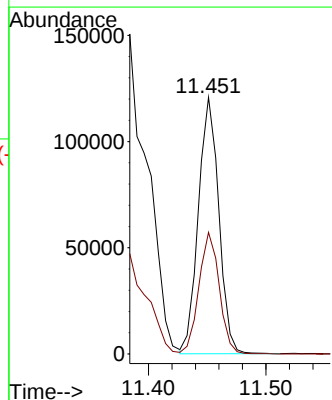
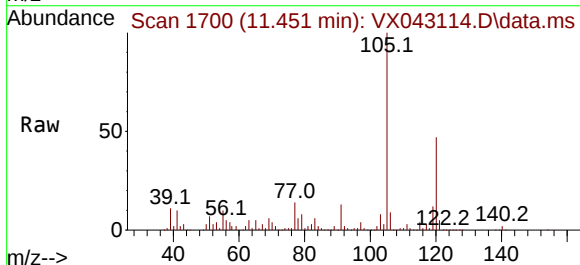
Instrument :
MSVOA_X
ClientSampleId :
WC-14-5-7.5BME

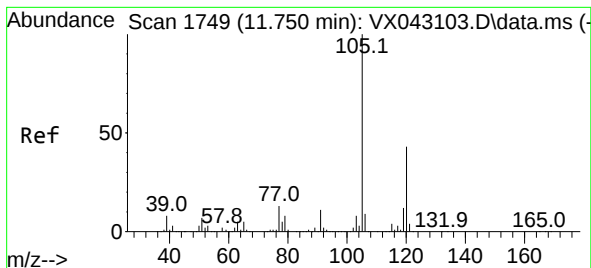
Tgt Ion: 91 Resp: 165309
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 36.643 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043114.D
Acq: 24 Sep 2024 11:35

Tgt Ion: 105 Resp: 145989
Ion Ratio Lower Upper
105 100
120 47.2 23.5 70.5





#84

1,2,4-Trimethylbenzene

Concen: 123.966 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

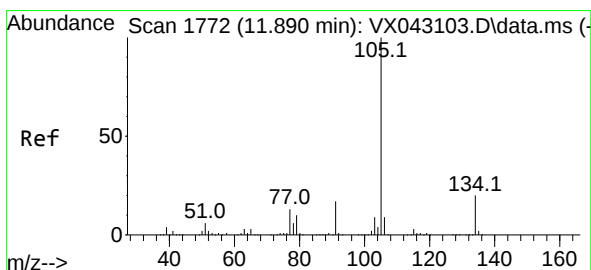
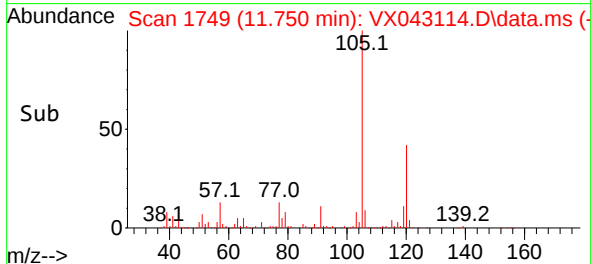
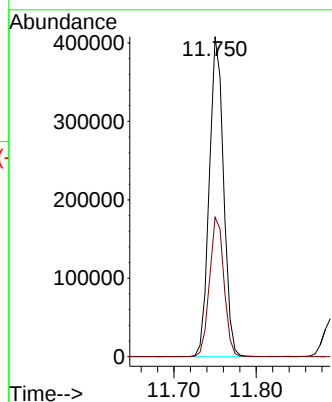
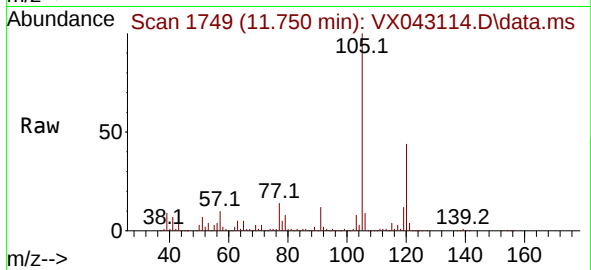
WC-14-5-7.5BME

Tgt Ion:105 Resp: 491368

Ion Ratio Lower Upper

105 100

120 44.1 21.8 65.4



#85

sec-Butylbenzene

Concen: 11.683 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX043114.D

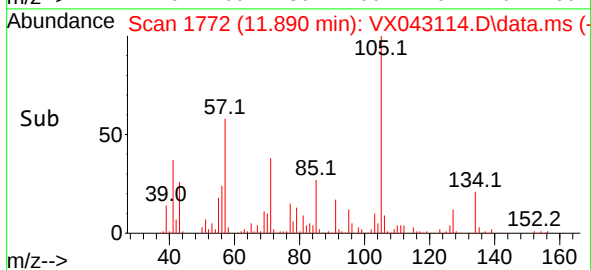
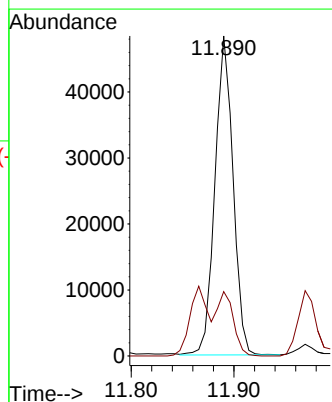
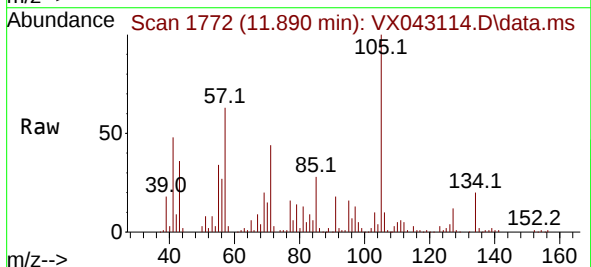
Acq: 24 Sep 2024 11:35

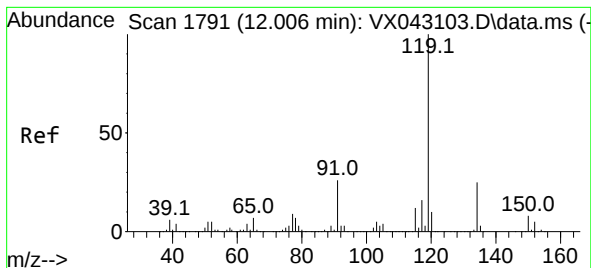
Tgt Ion:105 Resp: 58948

Ion Ratio Lower Upper

105 100

134 18.4 10.0 29.8





#86

p-Isopropyltoluene

Concen: 6.049 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Instrument :

MSVOA_X

ClientSampleId :

WC-14-5-7.5BME

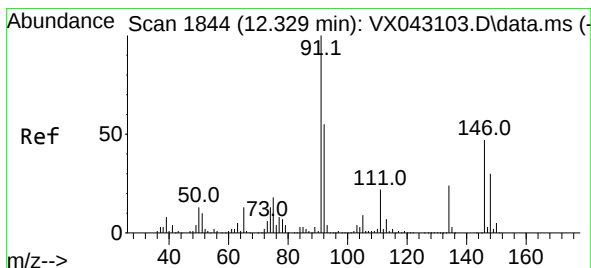
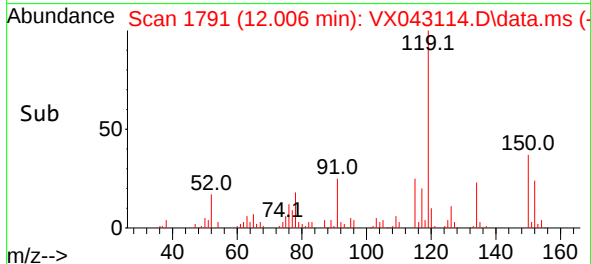
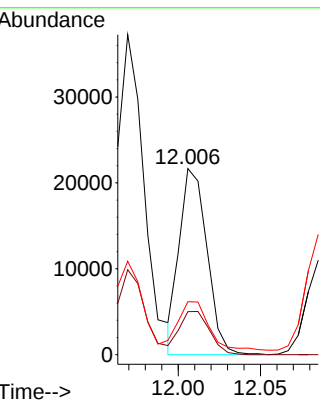
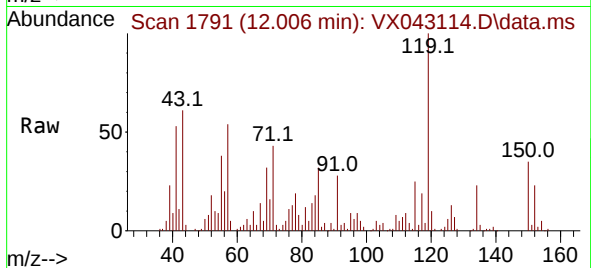
Tgt Ion:119 Resp: 25339

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.6

91 29.6 13.3 39.8



#89

n-Butylbenzene

Concen: 66.614 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX043114.D

Acq: 24 Sep 2024 11:35

Tgt Ion: 91 Resp: 243194

Ion Ratio Lower Upper

91 100

92 38.9 26.9 80.7

134 74.0 12.6 37.6#

