

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025484.D
 Acq On : 03 Dec 2021 15:56
 Operator : JC/MD
 Sample : M4917-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Dec 04 06:51:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

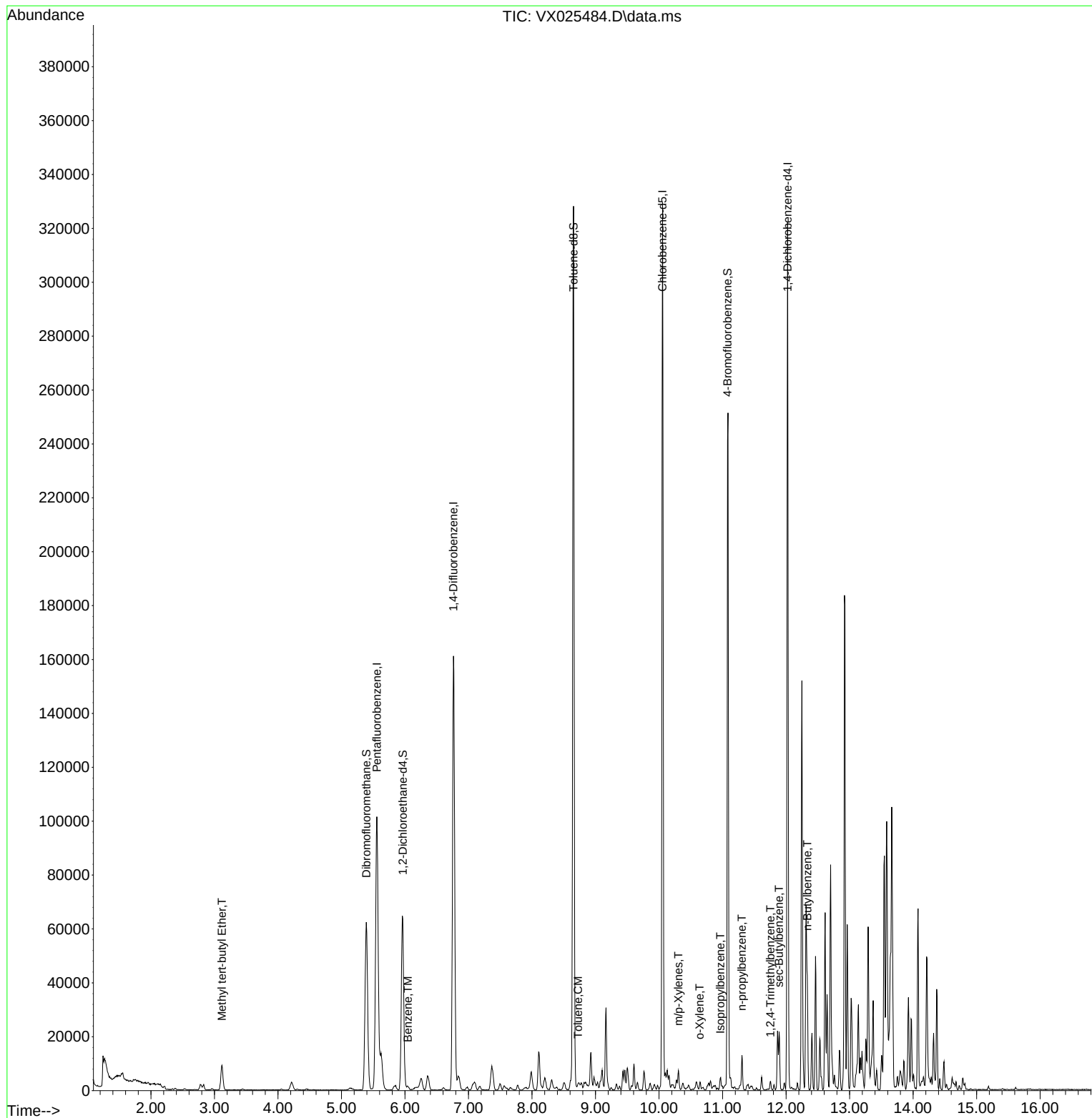
Internal Standards						
1) Pentafluorobenzene	5.556	168	102231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60782	56.406	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.820%	
35) Dibromofluoromethane	5.391	113	53206	50.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.660%	
50) Toluene-d8	8.653	98	197536	49.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	11.079	95	69252	46.056	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.120%	
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	9472	2.869	ug/l #	83
40) Benzene	6.044	78	1616	0.355	ug/l #	90
52) Toluene	8.726	92	642	0.216	ug/l	95
68) m/p-Xylenes	10.305	106	1250	0.573	ug/l	94
69) o-Xylene	10.640	106	568	0.266	ug/l	99
73) Isopropylbenzene	10.963	105	1645	0.339	ug/l	97
78) n-propylbenzene	11.305	91	7558	1.387	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1679	0.416	ug/l	94
85) sec-Butylbenzene	11.890	105	11446	2.271	ug/l	93
89) n-Butylbenzene	12.335	91	21005	5.755	ug/l #	66

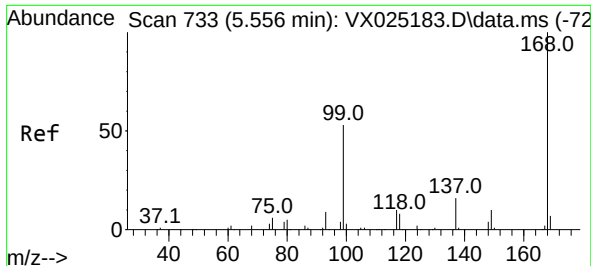
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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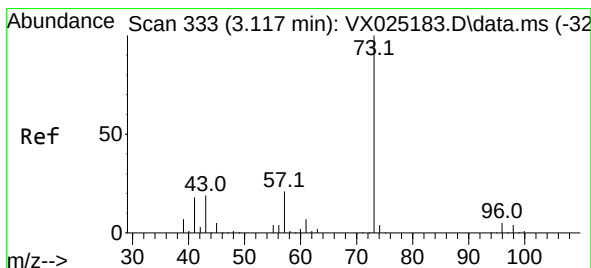
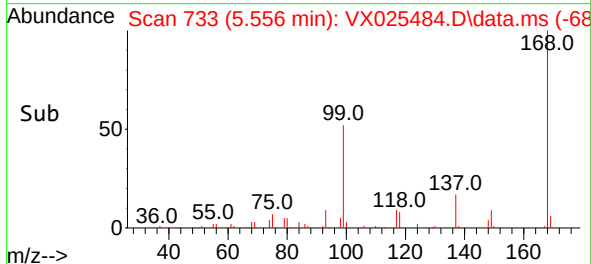
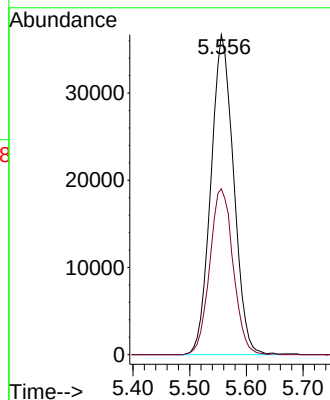
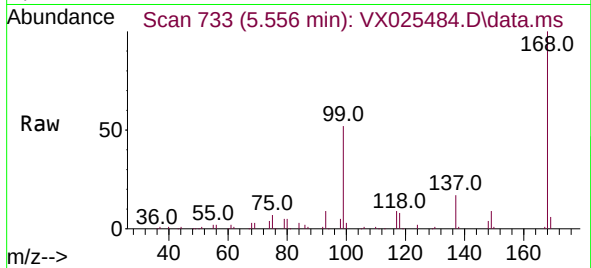




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

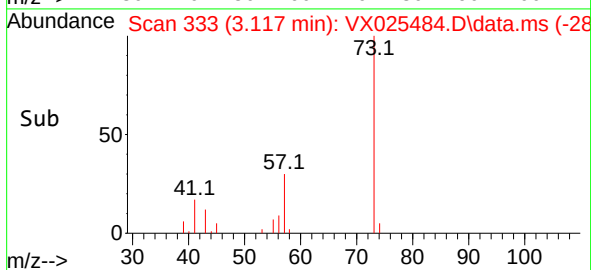
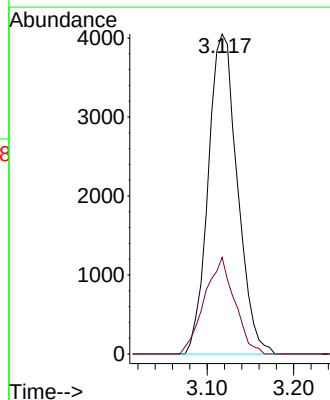
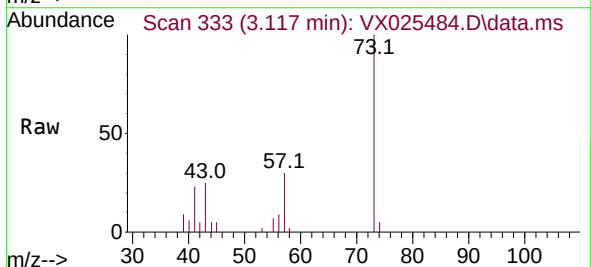
Instrument :
MSVOA_X
ClientSampleId :
MW-24

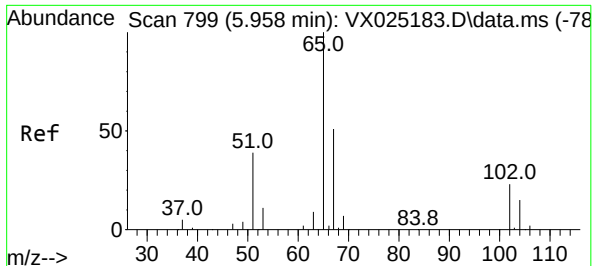
Tgt Ion:168 Resp: 102231
Ion Ratio Lower Upper
168 100
99 51.8 46.4 69.6



#19
Methyl tert-butyl Ether
Concen: 2.869 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

Tgt Ion: 73 Resp: 9472
Ion Ratio Lower Upper
73 100
57 30.2 17.5 26.3#





#33

1,2-Dichloroethane-d4

Concen: 56.406 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025484.D

Acq: 03 Dec 2021 15:56

Instrument :

MSVOA_X

ClientSampleId :

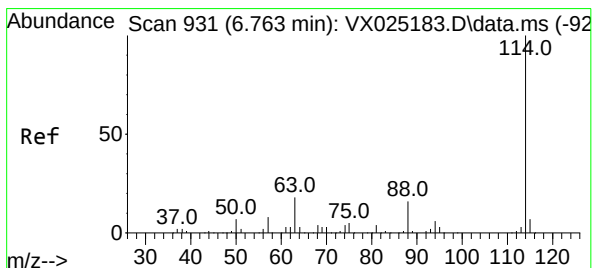
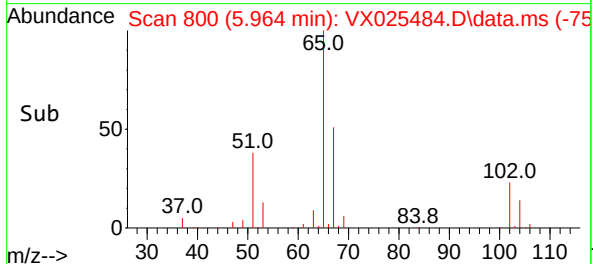
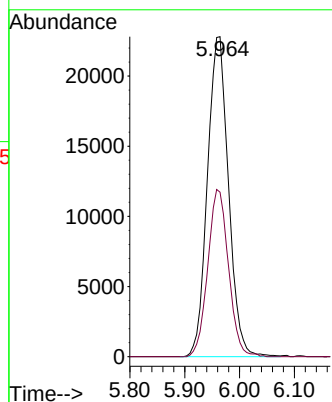
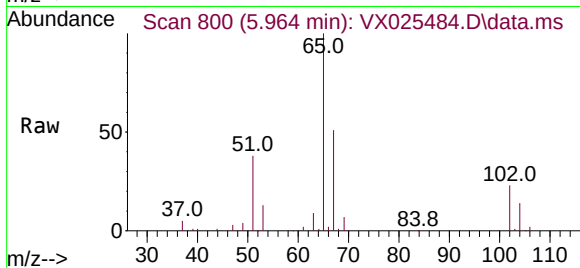
MW-24

Tgt Ion: 65 Resp: 60782

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX025484.D

Acq: 03 Dec 2021 15:56

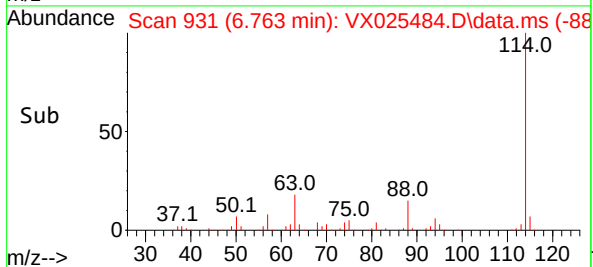
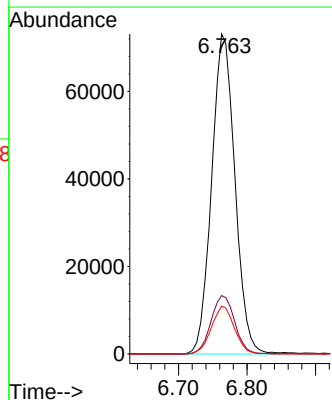
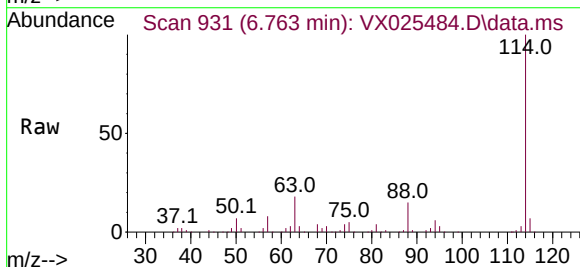
Tgt Ion: 114 Resp: 172290

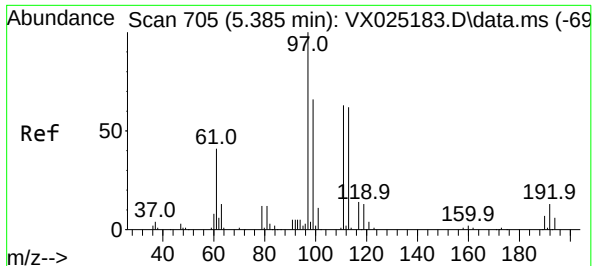
Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.0

88 14.9 0.0 34.8

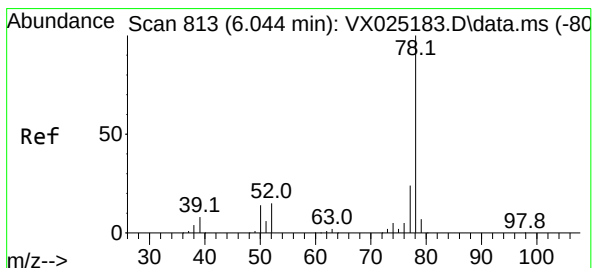
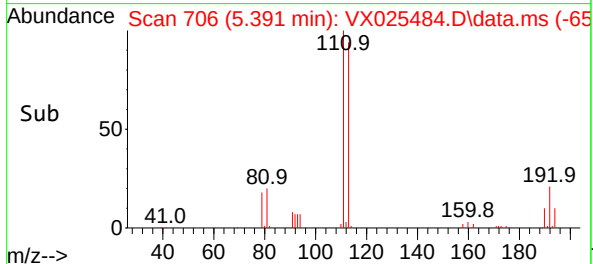
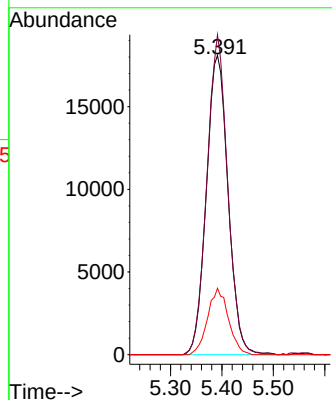
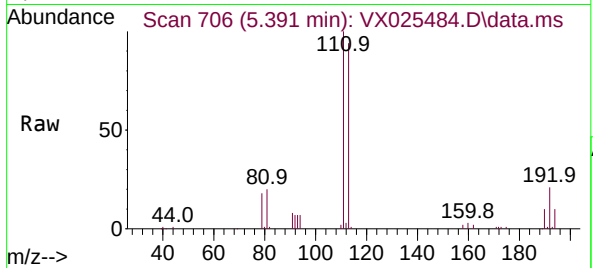




#35
Dibromofluoromethane
Concen: 50.331 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

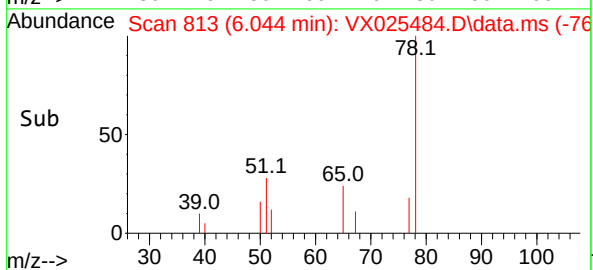
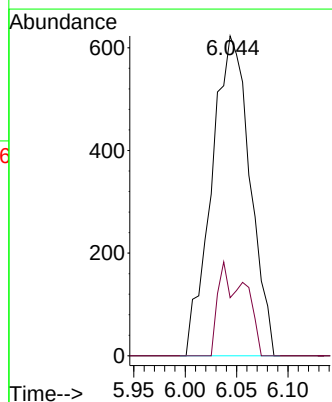
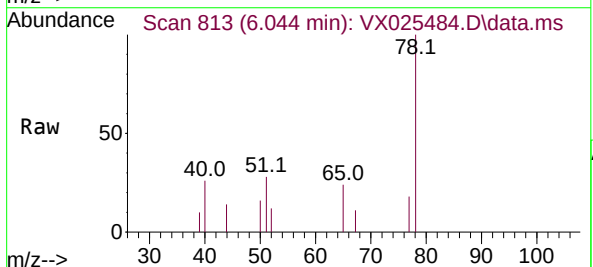
Instrument :
MSVOA_X
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MW-24

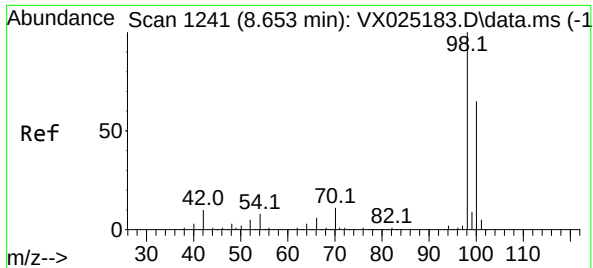
Tgt Ion:113 Resp: 53206
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 21.2 15.6 23.4



#40
Benzene
Concen: 0.355 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

Tgt Ion: 78 Resp: 1616
Ion Ratio Lower Upper
78 100
77 18.1 18.3 27.5#

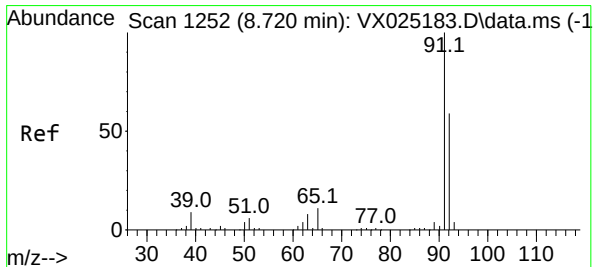
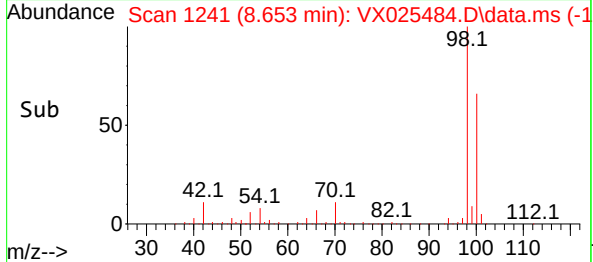
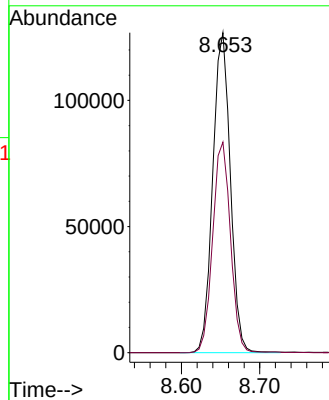
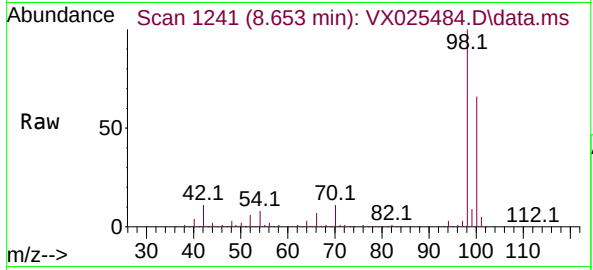




#50
Toluene-d8
Concen: 49.699 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

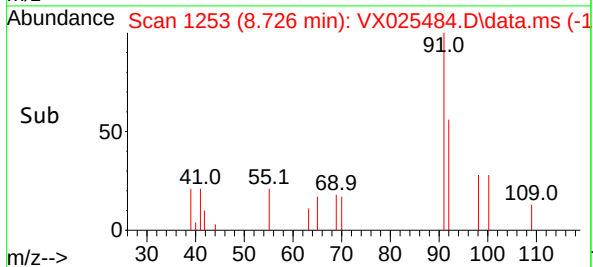
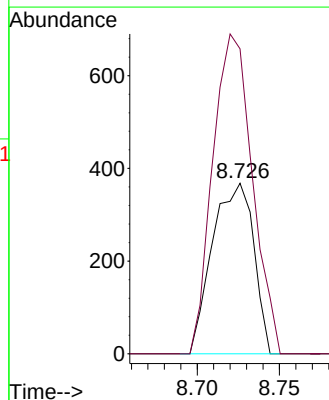
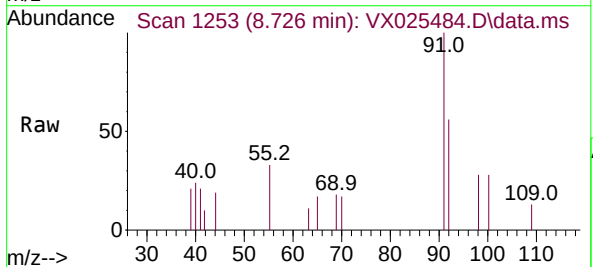
Instrument :
MSVOA_X
ClientSampleId :
MW-24

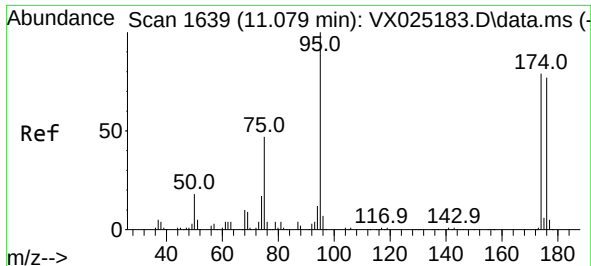
Tgt Ion: 98 Resp: 197536
Ion Ratio Lower Upper
98 100
100 66.7 51.4 77.0



#52
Toluene
Concen: 0.216 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

Tgt Ion: 92 Resp: 642
Ion Ratio Lower Upper
92 100
91 180.2 138.6 208.0

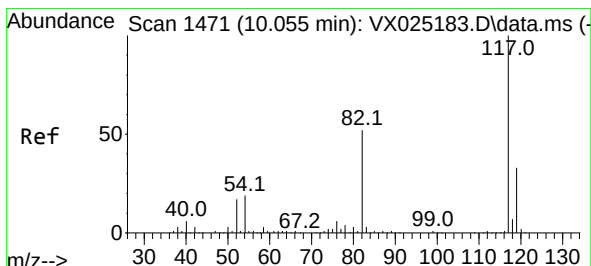
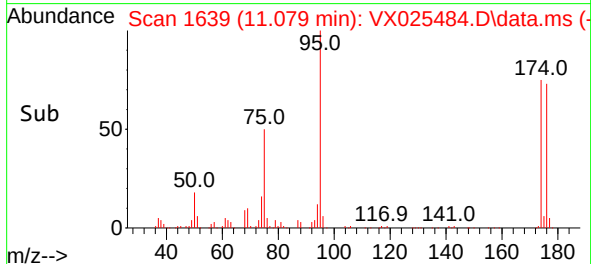
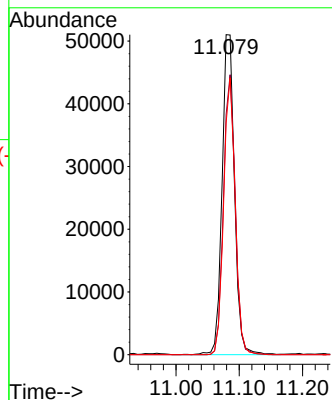
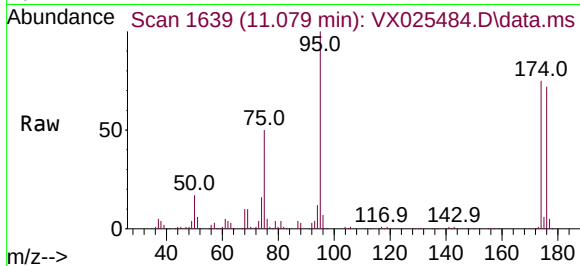




#62
4-Bromofluorobenzene
Concen: 46.056 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

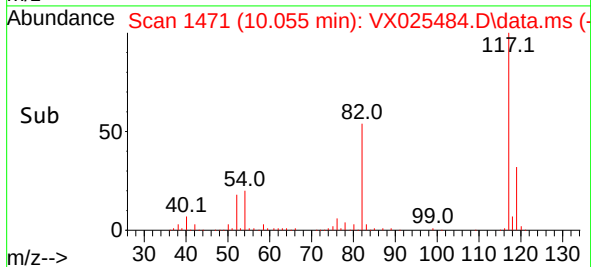
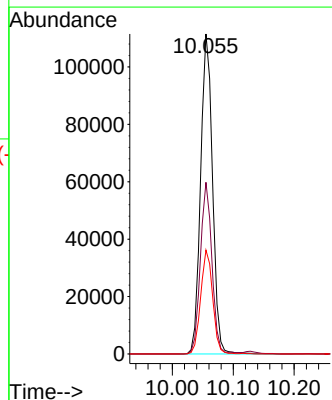
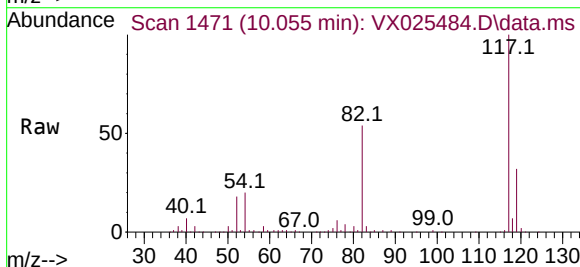
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ClientSampleId :
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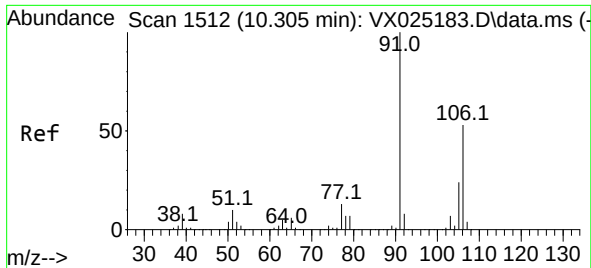
Tgt Ion: 95 Resp: 69252
Ion Ratio Lower Upper
95 100
174 82.8 0.0 158.0
176 80.7 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

Tgt Ion: 117 Resp: 151583
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 32.4 24.8 37.2

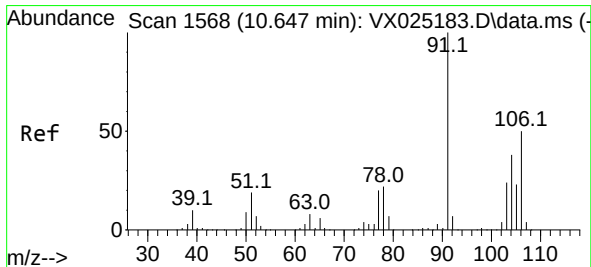
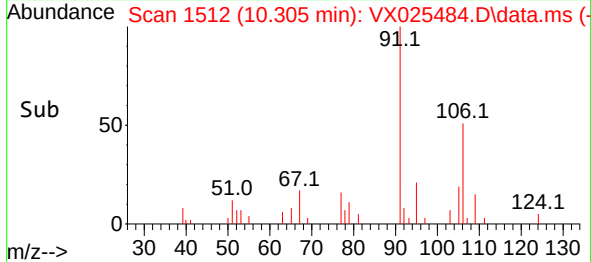
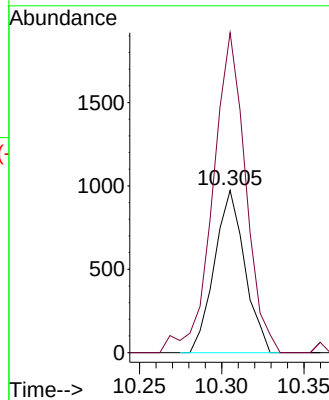
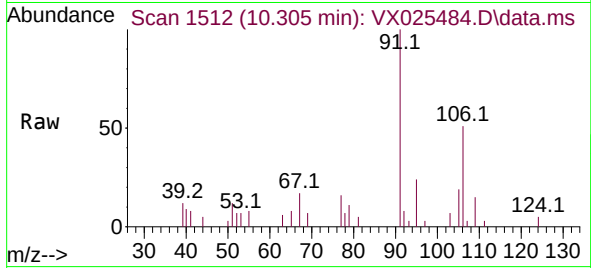




#68
m/p-Xylenes
Concen: 0.573 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

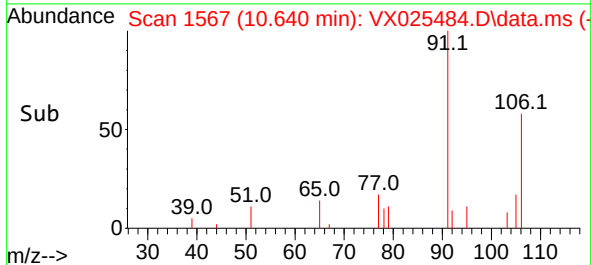
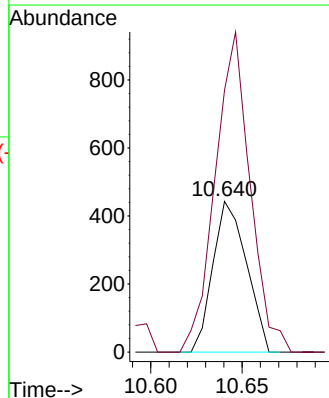
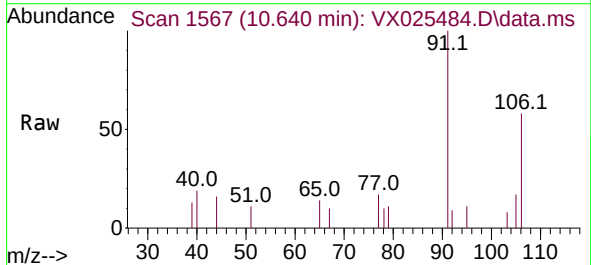
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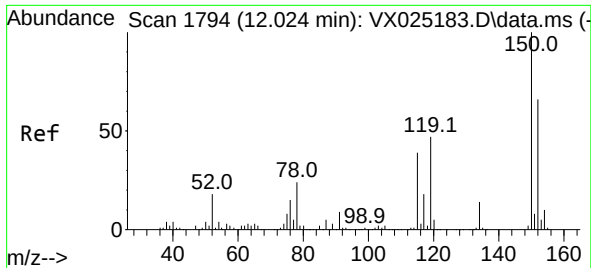
Tgt Ion:106 Resp: 1250
Ion Ratio Lower Upper
106 100
91 212.8 163.4 245.0



#69
o-Xylene
Concen: 0.266 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.007 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

Tgt Ion:106 Resp: 568
Ion Ratio Lower Upper
106 100
91 220.4 109.5 328.4

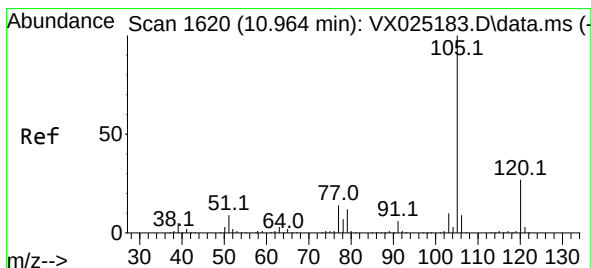
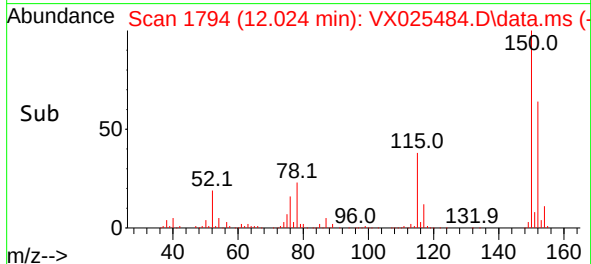
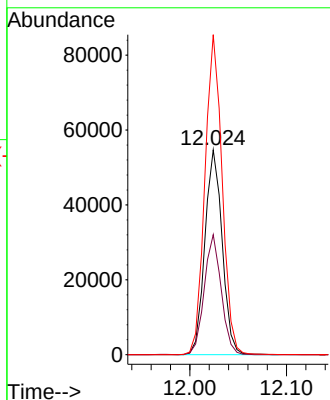
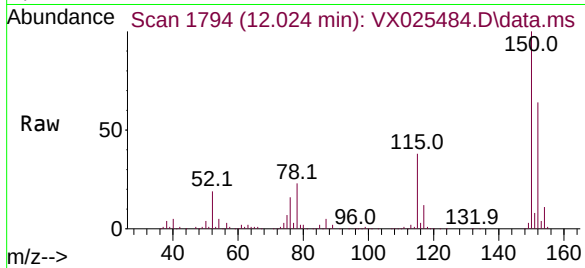




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

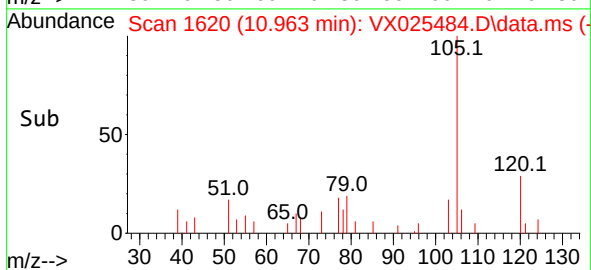
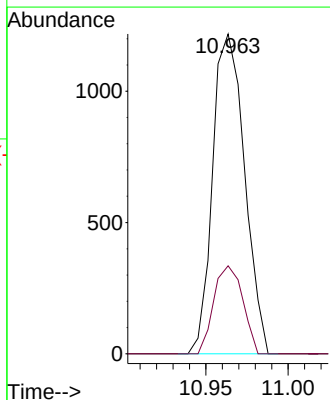
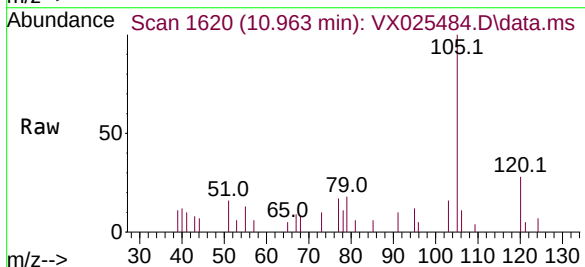
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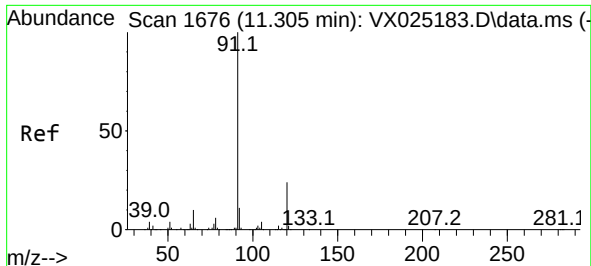
Tgt Ion:152 Resp: 68096
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.8
150 155.7 0.0 351.2



#73
Isopropylbenzene
Concen: 0.339 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

Tgt Ion:105 Resp: 1645
Ion Ratio Lower Upper
105 100
120 24.9 13.3 39.8

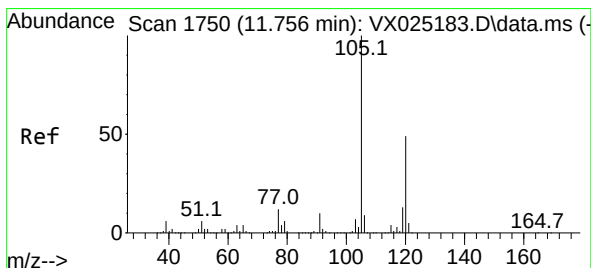
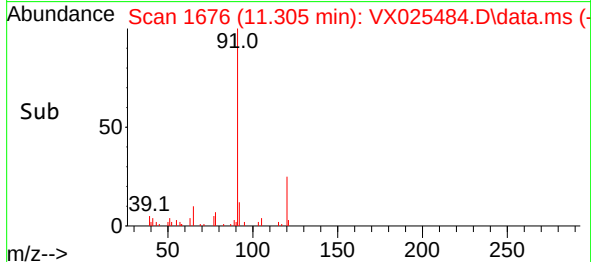
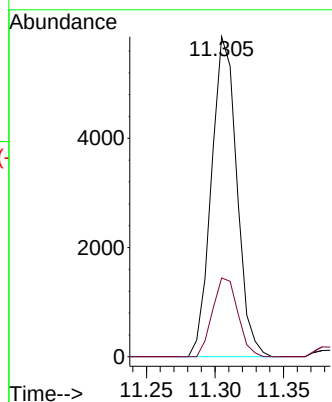
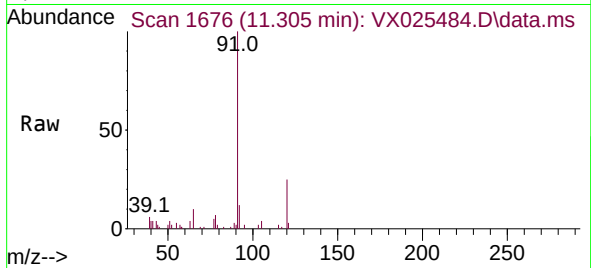




#78
n-propylbenzene
Concen: 1.387 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

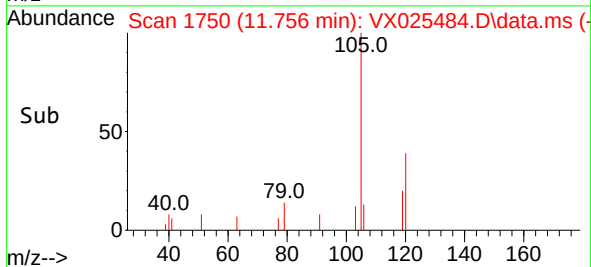
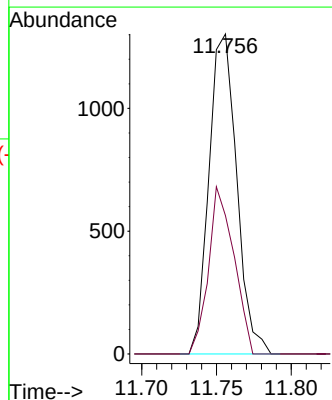
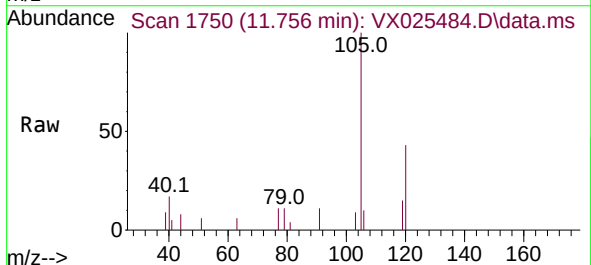
Instrument :
MSVOA_X
ClientSampleId :
MW-24

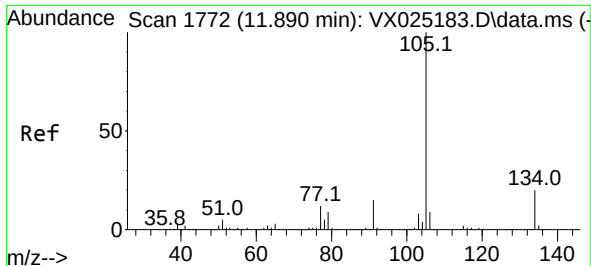
Tgt Ion: 91 Resp: 7558
Ion Ratio Lower Upper
91 100
120 24.5 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.416 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025484.D
Acq: 03 Dec 2021 15:56

Tgt Ion: 105 Resp: 1679
Ion Ratio Lower Upper
105 100
120 47.8 22.1 66.3

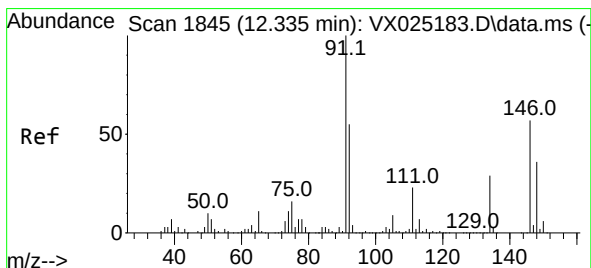
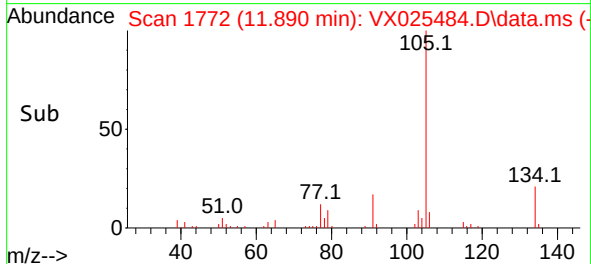
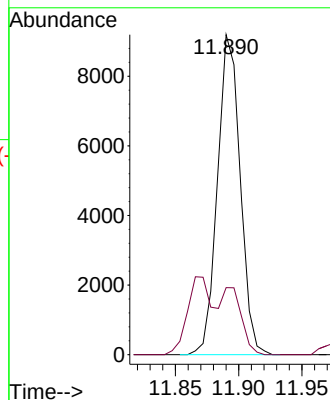
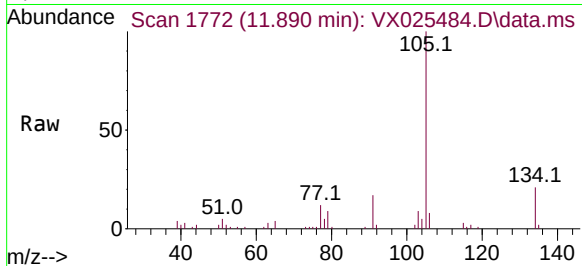




#85
 sec-Butylbenzene
 Concen: 2.271 ug/l
 RT: 11.890 min Scan# 1177
 Delta R.T. 0.000 min
 Lab File: VX025484.D
 Acq: 03 Dec 2021 15:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Tgt Ion:105 Resp: 11446
 Ion Ratio Lower Upper
 105 100
 134 16.9 10.2 30.4



#89
 n-Butylbenzene
 Concen: 5.755 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX025484.D
 Acq: 03 Dec 2021 15:56

Tgt Ion: 91 Resp: 21005
 Ion Ratio Lower Upper
 91 100
 92 43.7 26.3 78.8
 134 64.8 13.0 38.9#

