

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048778.D
 Acq On : 01 Jun 2022 13:42
 Operator : SY/MD
 Sample : N3056-02DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-12DL

Quant Time: Jun 01 15:20:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

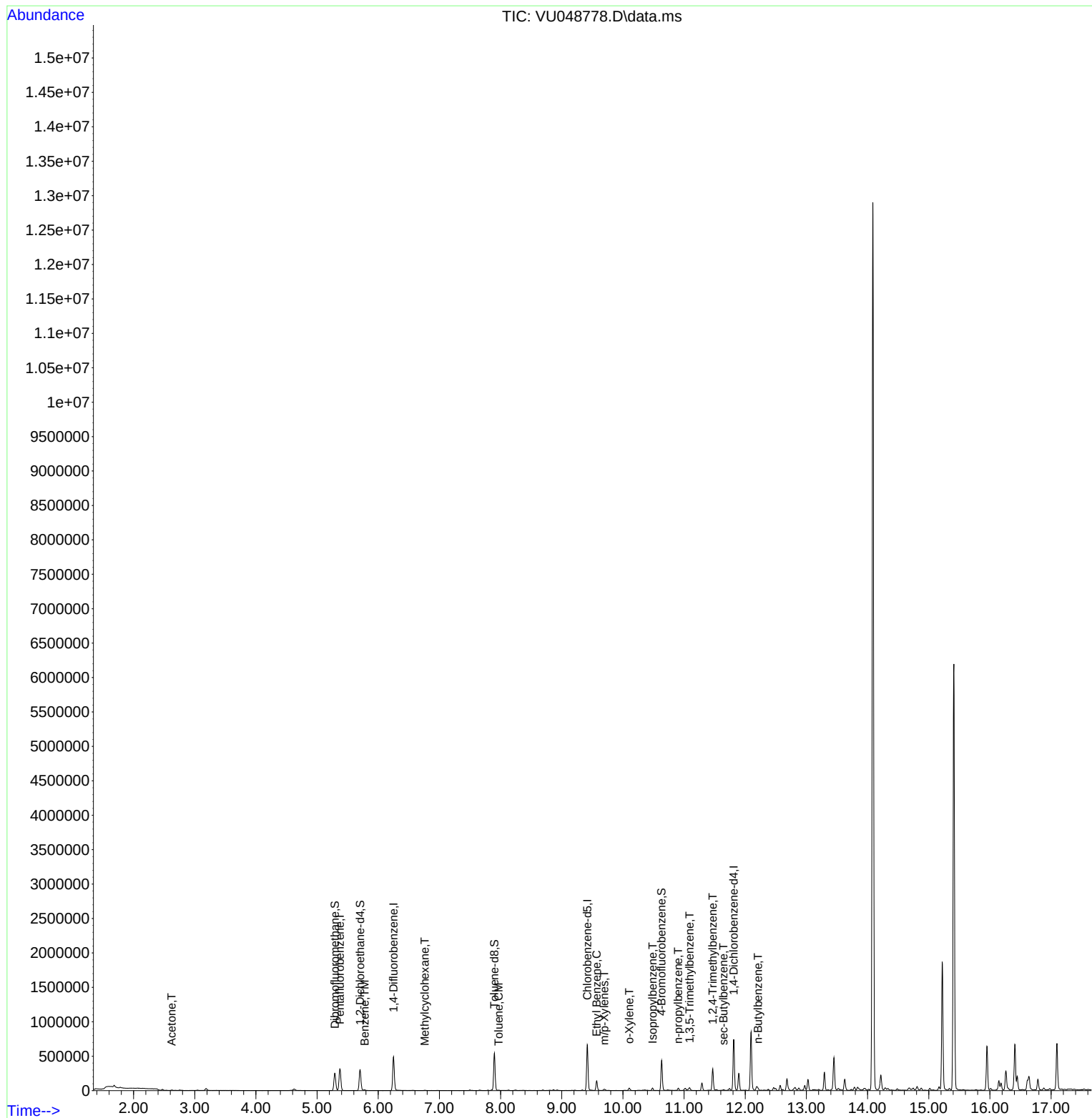
Internal Standards						
1) Pentafluorobenzene	5.372	168	218843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	395087	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	372528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	194195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	231389	70.404	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 140.800%#	
35) Dibromofluoromethane	5.292	113	168622	59.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 119.640%	
50) Toluene-d8	7.899	98	357484	35.381	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 70.760%#	
62) 4-Bromofluorobenzene	10.632	95	149860	39.218	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 78.440%#	
Target Compounds						
					Qvalue	
16) Acetone	2.623	43	8513	5.083	ug/l #	88
39) Methylcyclohexane	6.761	83	1948	0.452	ug/l #	88
40) Benzene	5.780	78	8352	0.688	ug/l #	86
52) Toluene	7.970	92	1646	0.227	ug/l	83
67) Ethyl Benzene	9.571	91	98098	7.382	ug/l	96
68) m/p-Xylenes	9.697	106	5084	0.978	ug/l	99
69) o-Xylene	10.102	106	7932	1.553	ug/l	90
73) Isopropylbenzene	10.484	105	22168	1.768	ug/l	99
78) n-propylbenzene	10.906	91	25707	1.721	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	18688	1.714	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	162871	14.719	ug/l	97
85) sec-Butylbenzene	11.645	105	5449	0.416	ug/l	97
89) n-Butylbenzene	12.208	91	16749	3.609	ug/l #	57

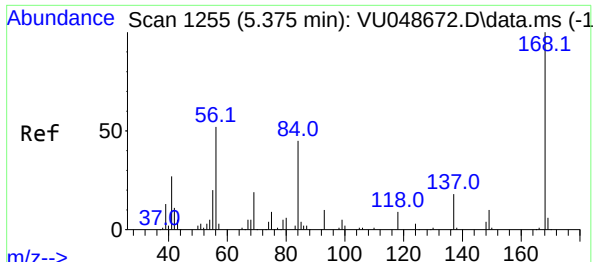
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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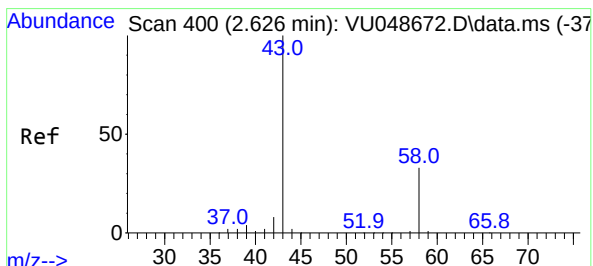
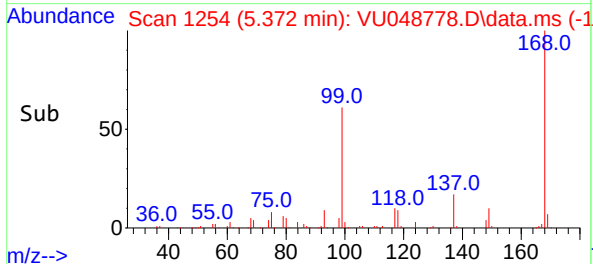
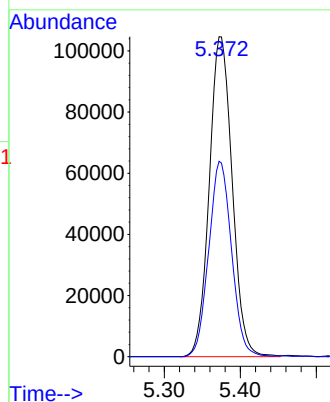
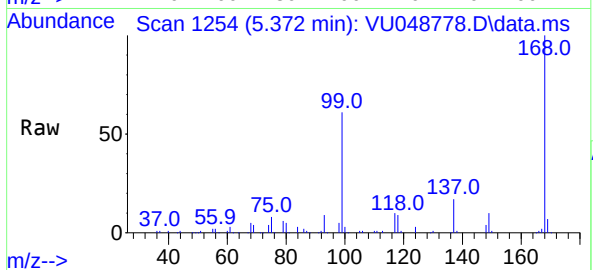




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

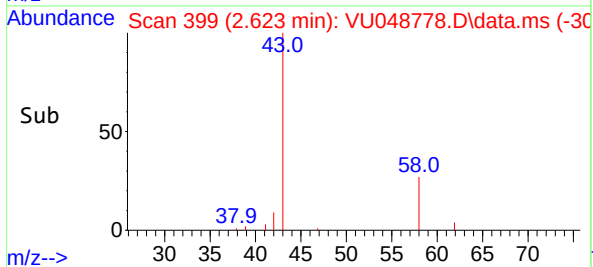
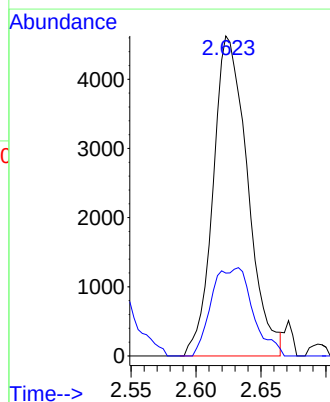
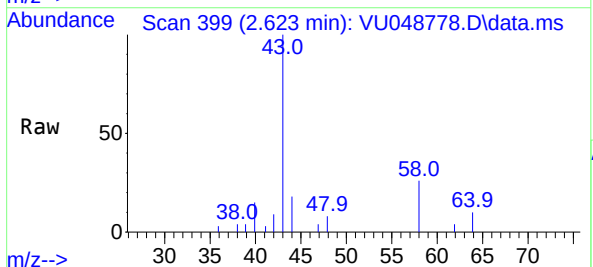
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

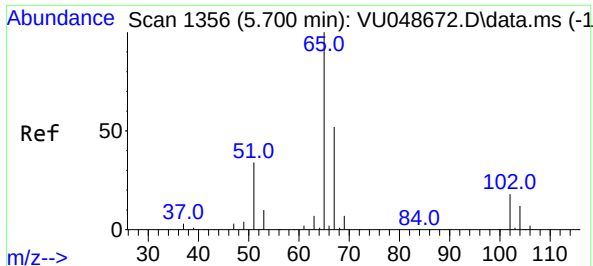
Tgt Ion:168 Resp: 218843
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#16
Acetone
Concen: 5.083 ug/l
RT: 2.623 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 43 Resp: 8513
Ion Ratio Lower Upper
43 100
58 25.9 26.3 39.5#





#33

1,2-Dichloroethane-d4

Concen: 70.404 ug/l

RT: 5.703 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

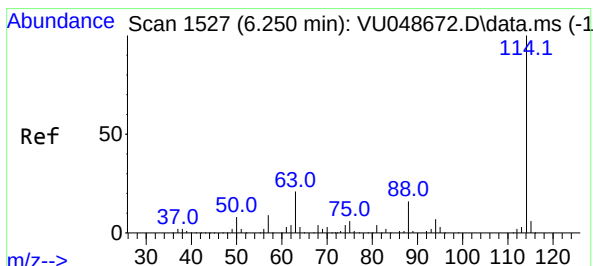
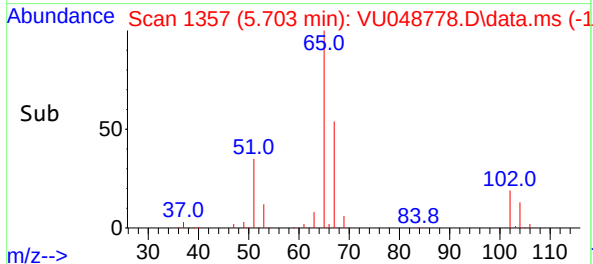
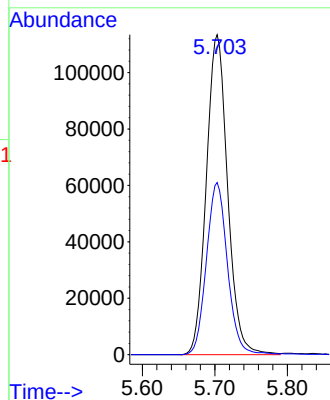
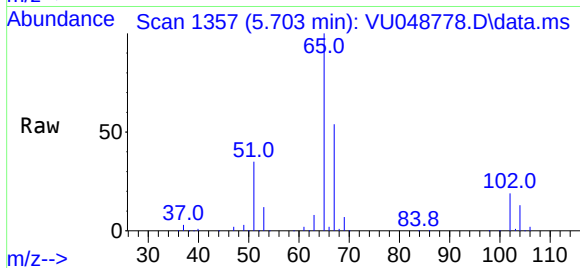
MW-12DL

Tgt Ion: 65 Resp: 231389

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048778.D

Acq: 01 Jun 2022 13:42

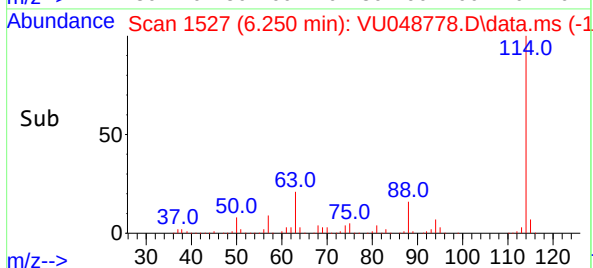
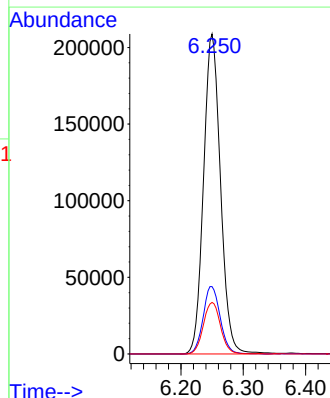
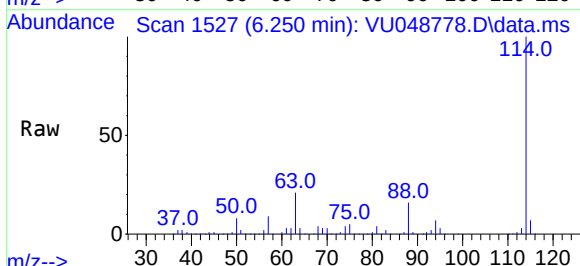
Tgt Ion:114 Resp: 395087

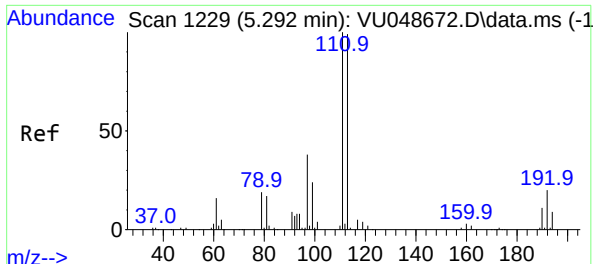
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 16.1 0.0 32.2

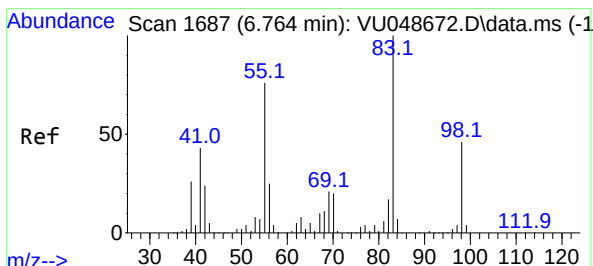
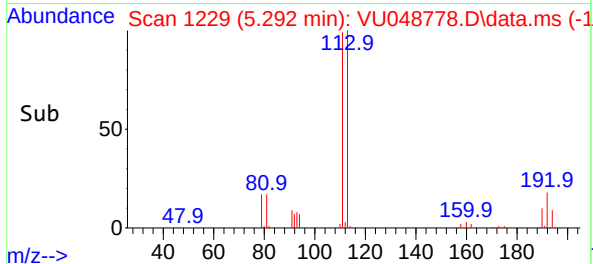
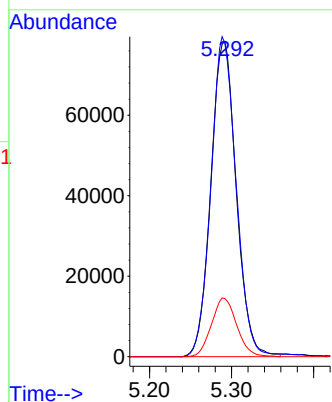
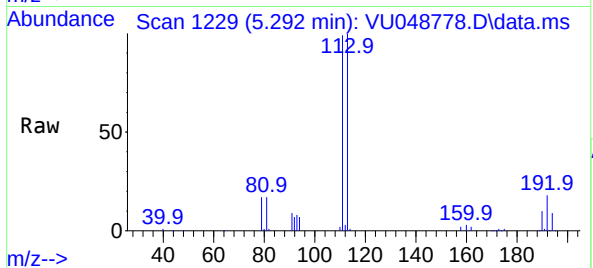




#35
Dibromofluoromethane
Concen: 59.824 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

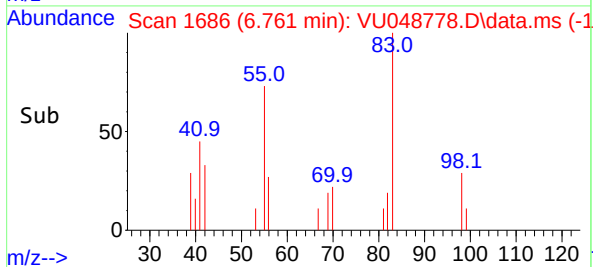
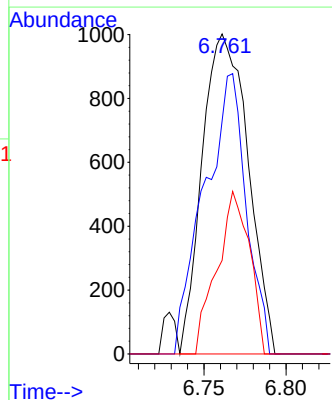
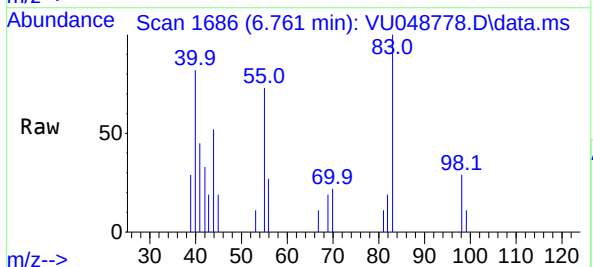
Instrument :
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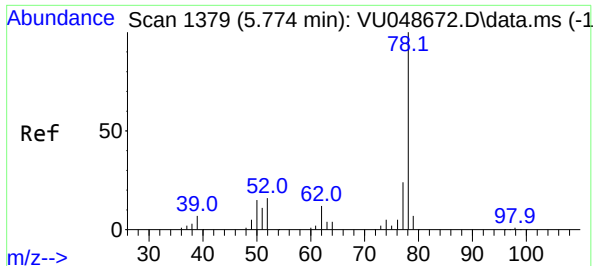
Tgt Ion:113 Resp: 168622
Ion Ratio Lower Upper
113 100
111 100.5 80.7 121.1
192 18.5 15.9 23.9



#39
Methylcyclohexane
Concen: 0.452 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 83 Resp: 1948
Ion Ratio Lower Upper
83 100
55 72.9 61.0 91.6
98 29.2 36.8 55.2#

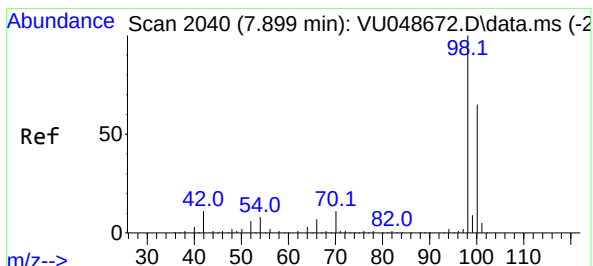
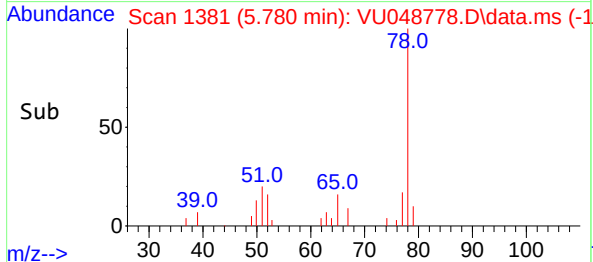
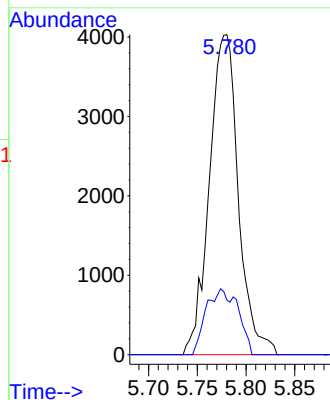
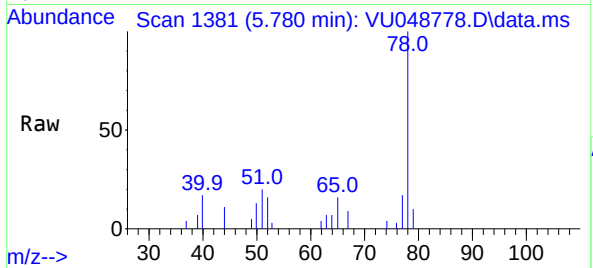




#40
Benzene
Concen: 0.688 ug/l
RT: 5.780 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

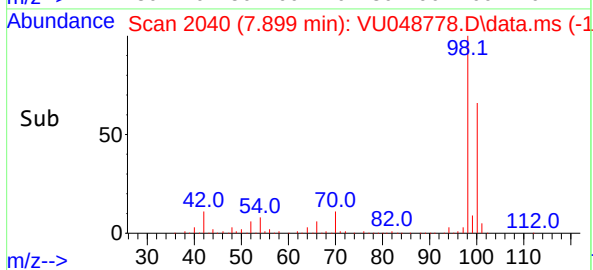
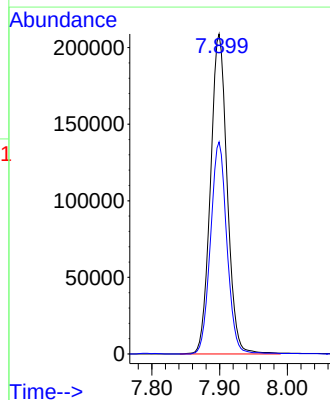
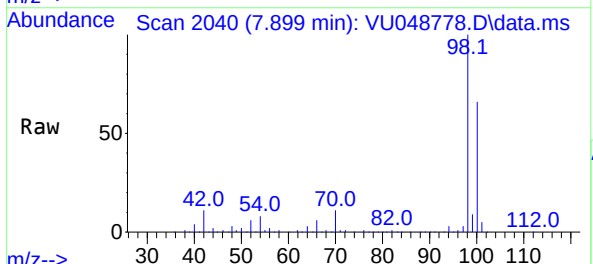
Instrument :
MSVOA_U
ClientSampleId :
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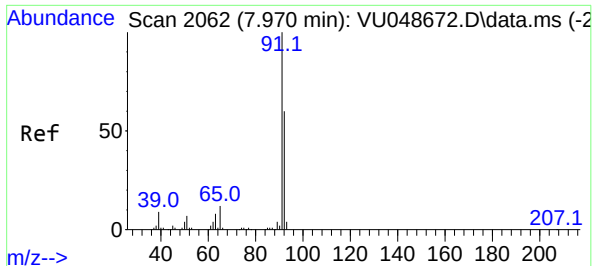
Tgt Ion: 78 Resp: 8352
Ion Ratio Lower Upper
78 100
77 17.1 19.0 28.6#



#50
Toluene-d8
Concen: 35.381 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 98 Resp: 357484
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

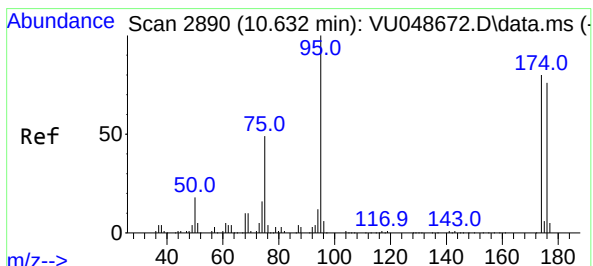
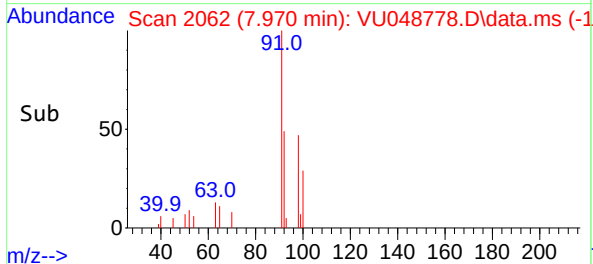
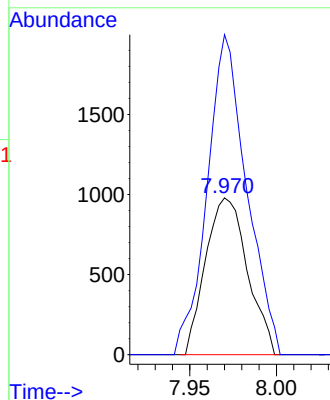
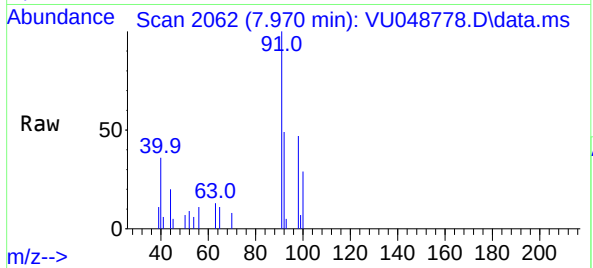




#52
Toluene
Concen: 0.227 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

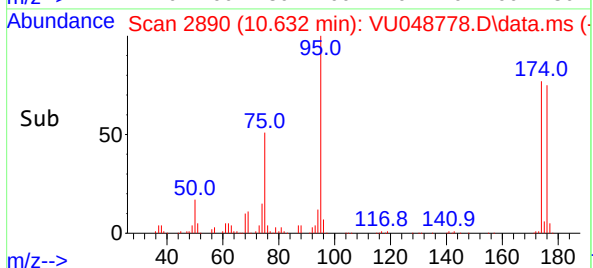
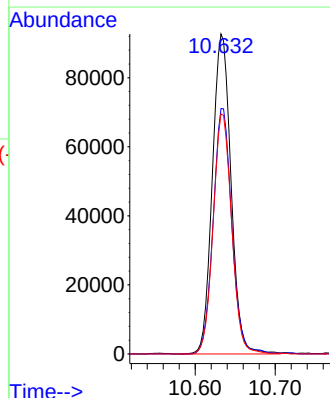
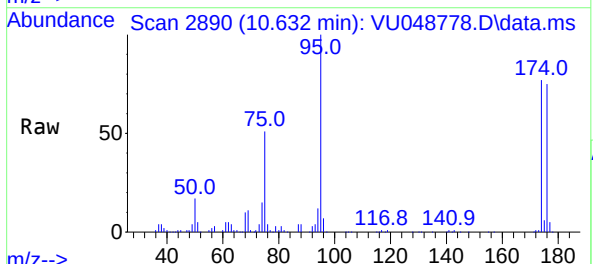
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

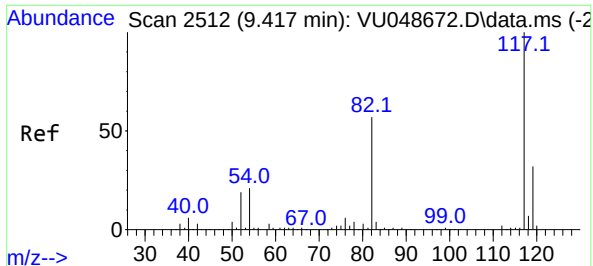
Tgt Ion: 92 Resp: 1646
Ion Ratio Lower Upper
92 100
91 191.9 135.0 202.4



#62
4-Bromofluorobenzene
Concen: 39.218 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 95 Resp: 149860
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 74.2 0.0 152.4

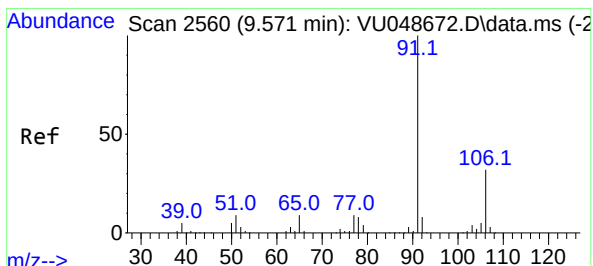
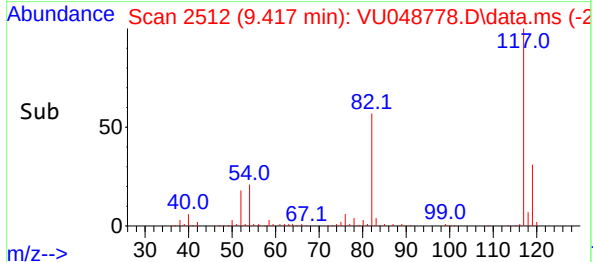
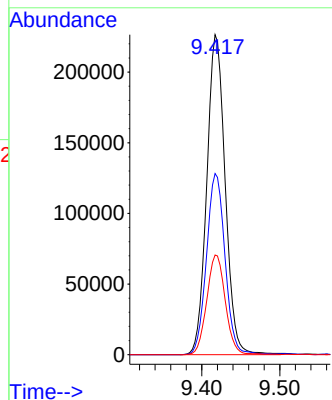
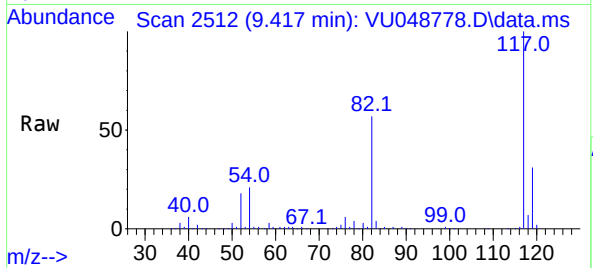




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

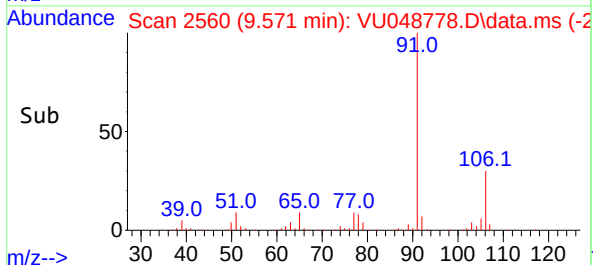
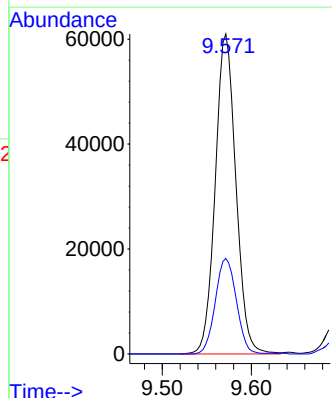
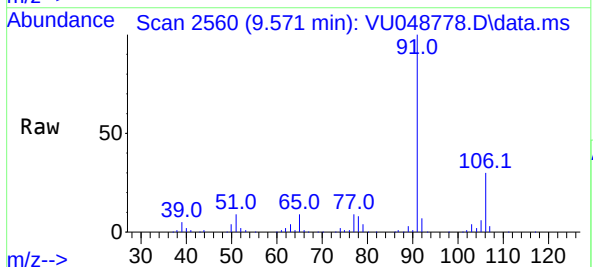
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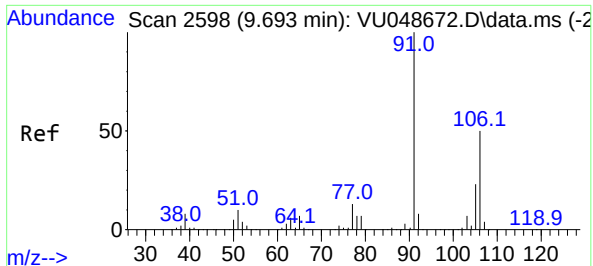
Tgt Ion:117 Resp: 372528
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 31.1 25.4 38.2



#67
Ethyl Benzene
Concen: 7.382 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 91 Resp: 98098
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.2

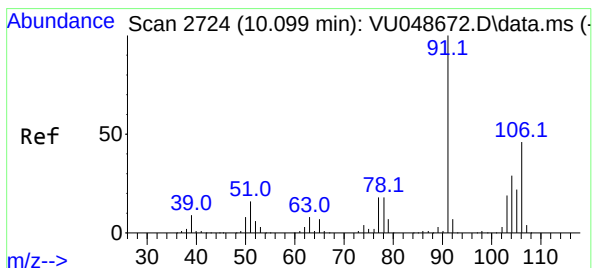
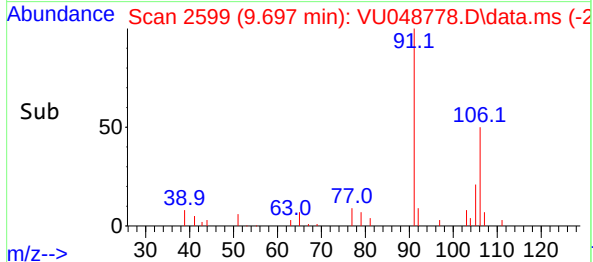
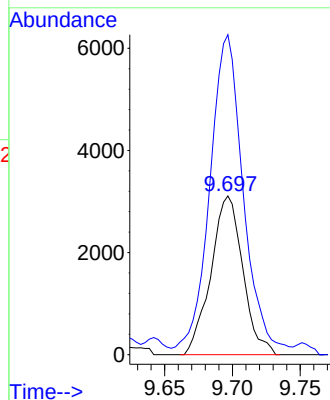
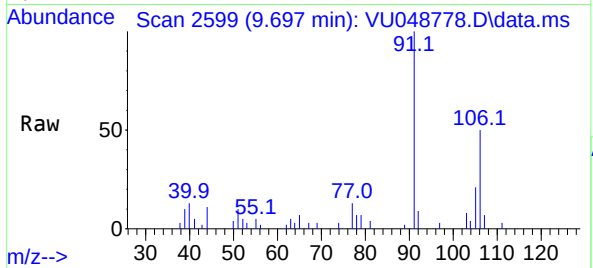




#68
m/p-Xylenes
Concen: 0.978 ug/l
RT: 9.697 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

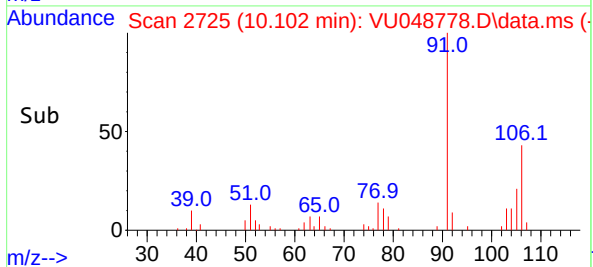
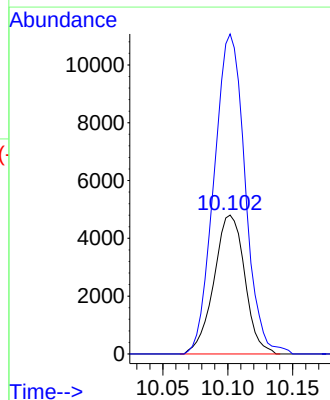
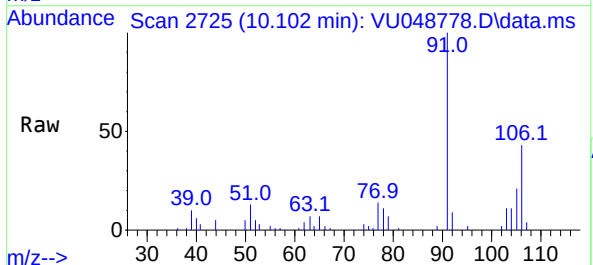
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

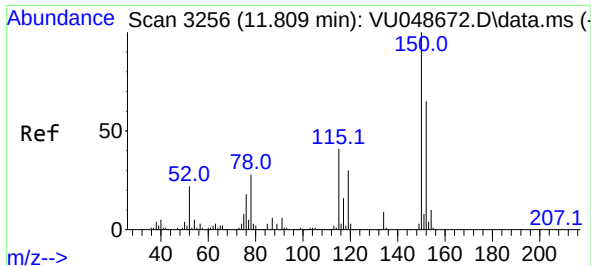
Tgt Ion:106 Resp: 5084
Ion Ratio Lower Upper
106 100
91 200.8 162.4 243.6



#69
o-Xylene
Concen: 1.553 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion:106 Resp: 7932
Ion Ratio Lower Upper
106 100
91 231.5 107.7 323.3

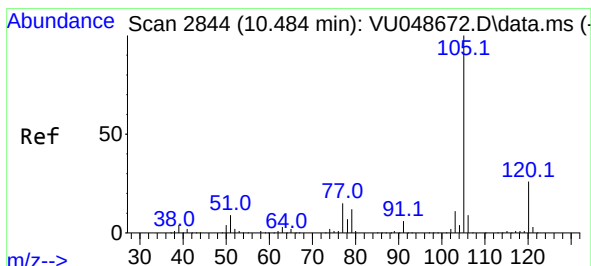
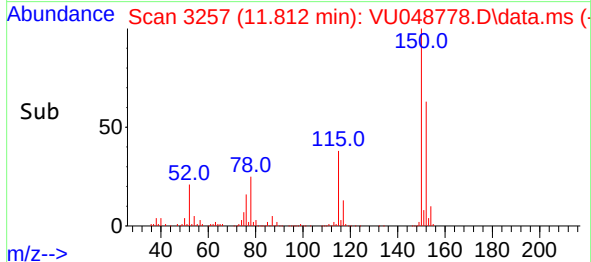
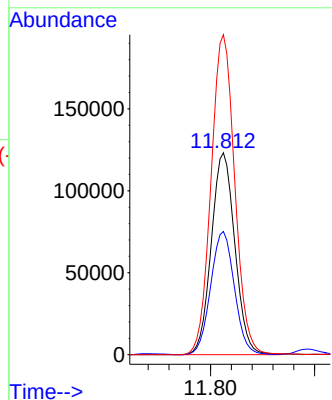
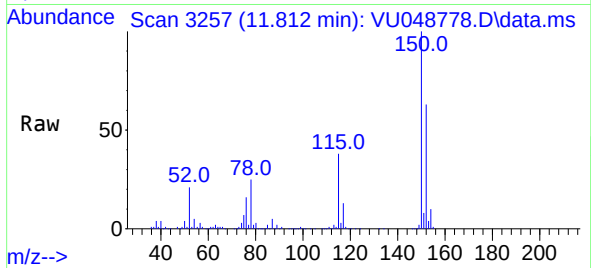




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

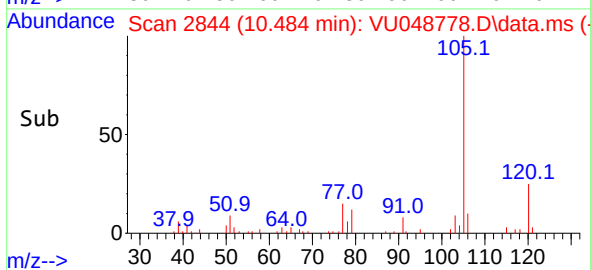
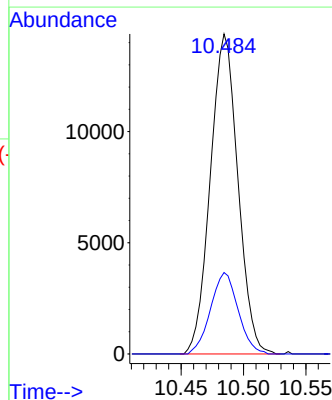
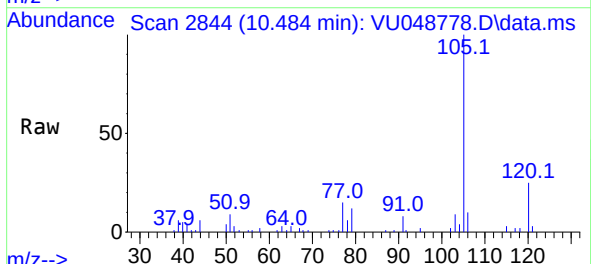
Instrument :
MSVOA_U
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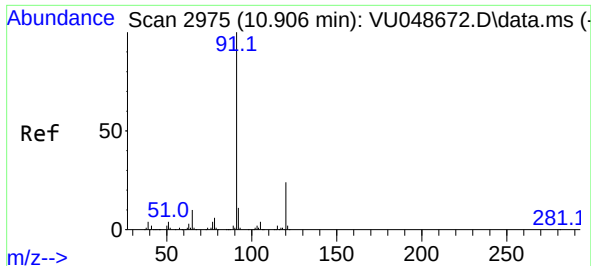
Tgt Ion:152 Resp: 194195
Ion Ratio Lower Upper
152 100
115 61.5 41.8 125.4
150 159.3 0.0 341.0



#73
Isopropylbenzene
Concen: 1.768 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion:105 Resp: 22168
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6

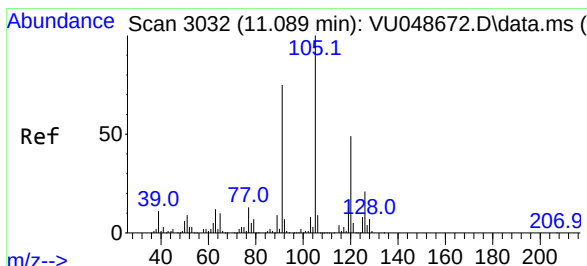
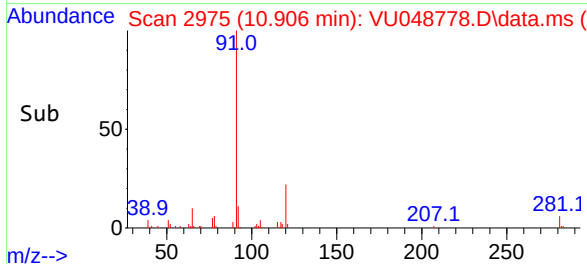
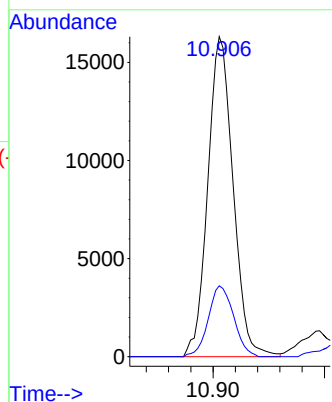
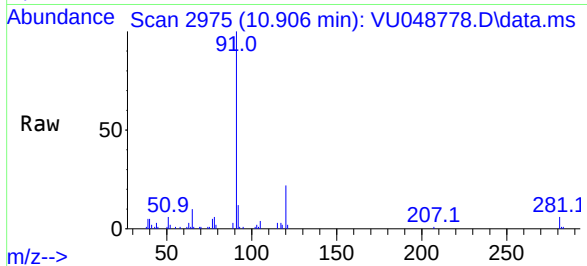




#78
n-propylbenzene
Concen: 1.721 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

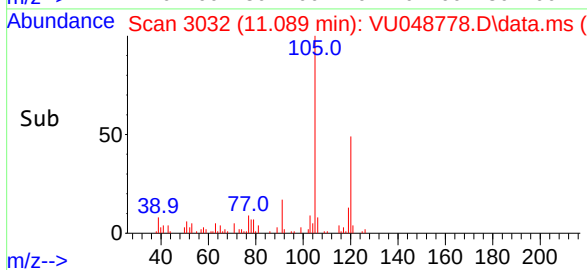
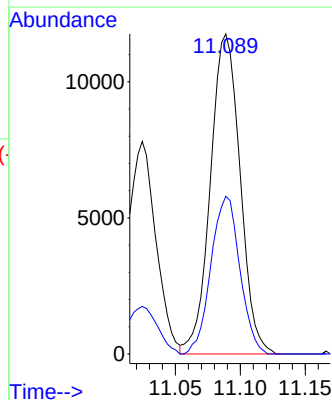
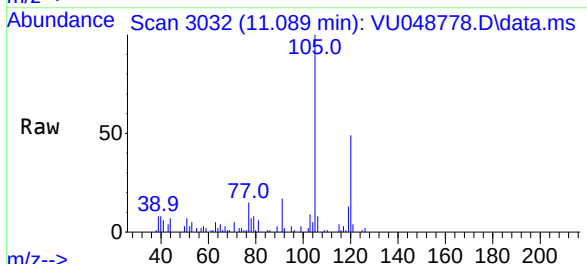
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

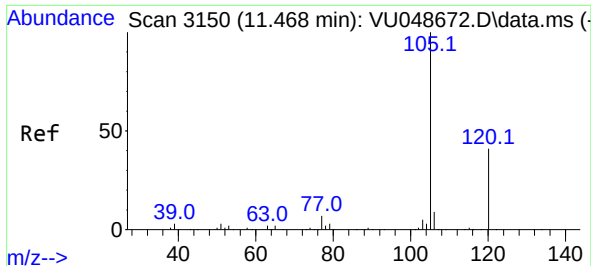
Tgt Ion: 91 Resp: 25707
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 1.714 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion: 105 Resp: 18688
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3

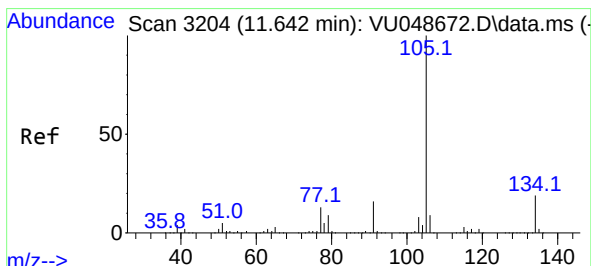
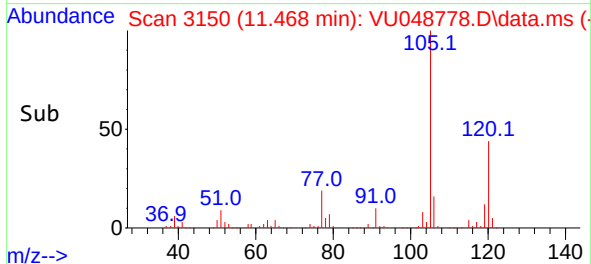
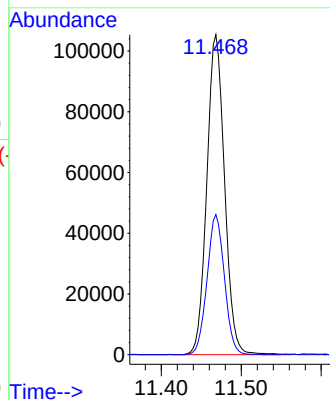
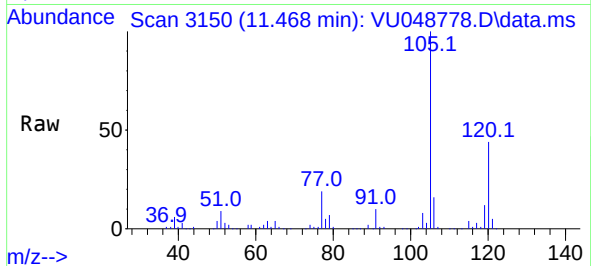




#84
1,2,4-Trimethylbenzene
Concen: 14.719 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

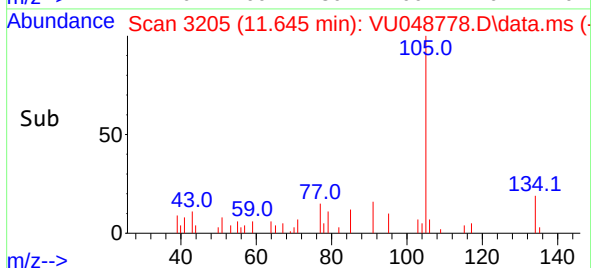
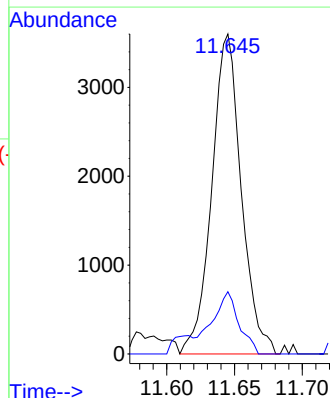
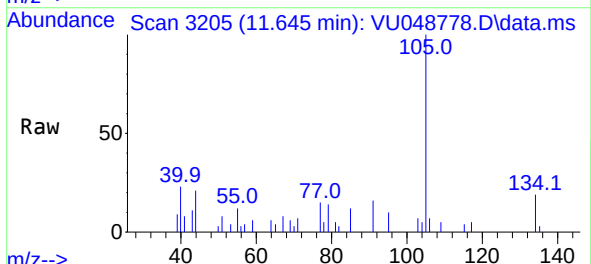
Instrument :
MSVOA_U
ClientSampleId :
MW-12DL

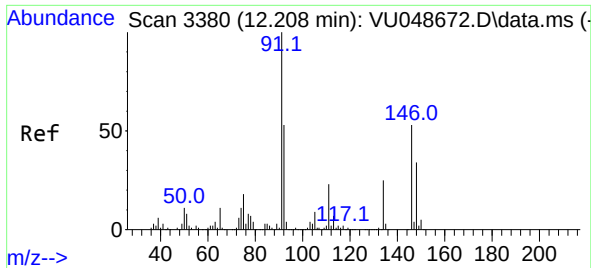
Tgt Ion:105 Resp: 162871
Ion Ratio Lower Upper
105 100
120 42.8 22.5 67.5



#85
sec-Butylbenzene
Concen: 0.416 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048778.D
Acq: 01 Jun 2022 13:42

Tgt Ion:105 Resp: 5449
Ion Ratio Lower Upper
105 100
134 17.9 9.6 28.6





#89

n-Butylbenzene

Concen: 3.609 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048778.D

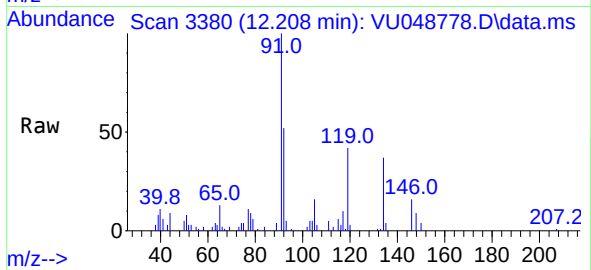
Acq: 01 Jun 2022 13:42

Instrument :

MSVOA_U

ClientSampleId :

MW-12DL



Tgt Ion: 91 Resp: 16749

Ion Ratio Lower Upper

91 100

92 41.0 25.9 77.8

134 75.7 12.5 37.5#

