

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048805.D
 Acq On : 02 Jun 2022 15:48
 Operator : SY/MD
 Sample : N3087-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-04

Quant Time: Jun 02 16:46:32 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)

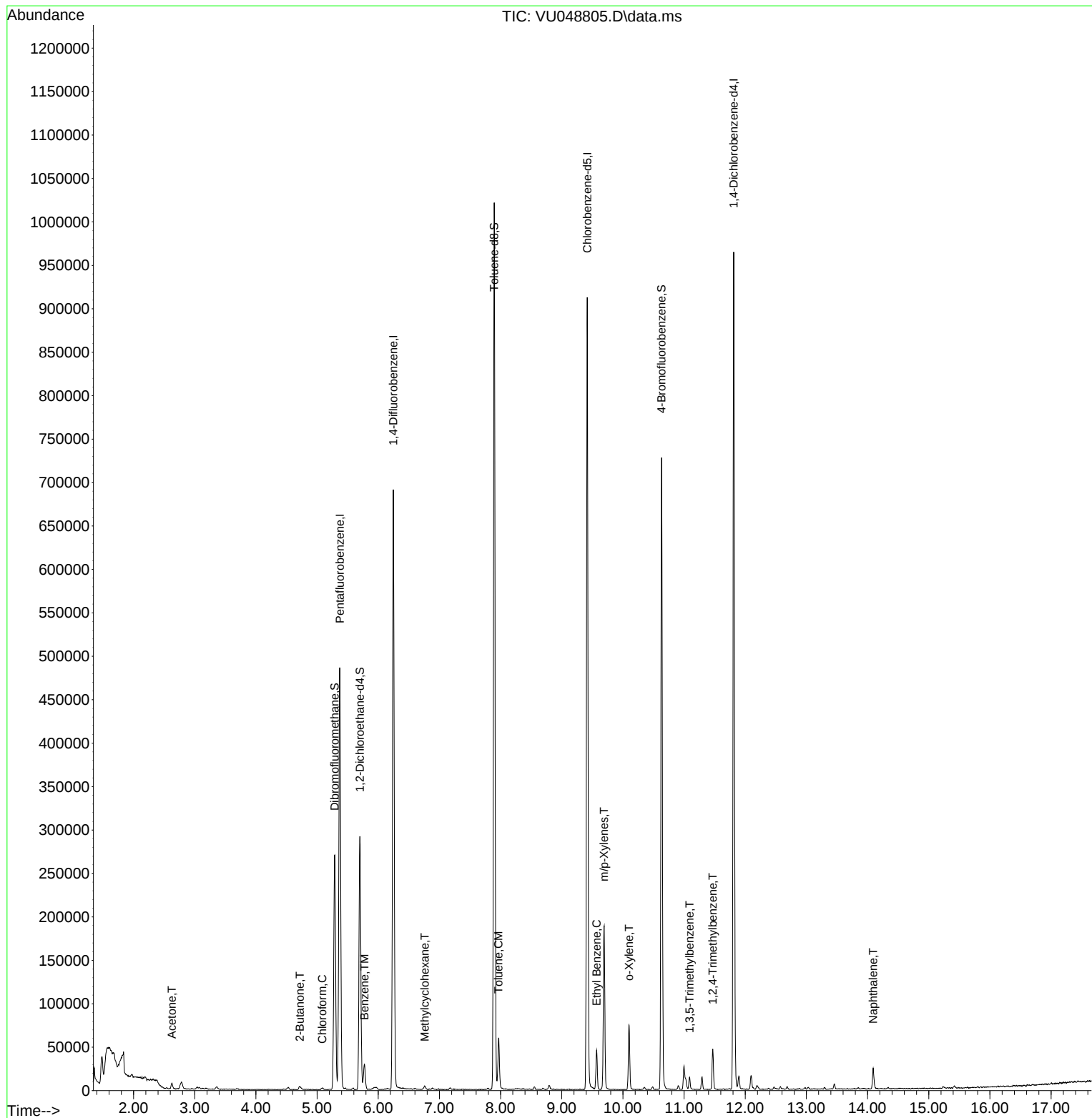
Internal Standards						
1) Pentafluorobenzene	5.372	168	334050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	557746	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	508353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	259480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	223120	44.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.940%
35) Dibromofluoromethane	5.285	113	176017	44.236	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.480%
50) Toluene-d8	7.896	98	669279	46.922	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.840%
62) 4-Bromofluorobenzene	10.632	95	250514	46.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.880%
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	7520	2.941	ug/l	93
25) 2-Butanone	4.716	43	6493	1.768	ug/l	97
30) Chloroform	5.086	83	1762	0.231	ug/l	85
39) Methylcyclohexane	6.761	83	1673	0.275	ug/l #	73
40) Benzene	5.774	78	27846	1.624	ug/l	98
52) Toluene	7.967	92	23646	2.306	ug/l	98
67) Ethyl Benzene	9.571	91	31444	1.734	ug/l	98
68) m/p-Xylenes	9.693	106	54314	7.658	ug/l	98
69) o-Xylene	10.099	106	20797	2.985	ug/l	97
80) 1,3,5-Trimethylbenzene	11.089	105	7727	0.530	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	26065	2.808	ug/l	96
95) Naphthalene	14.092	128	21185	3.517	ug/l	97

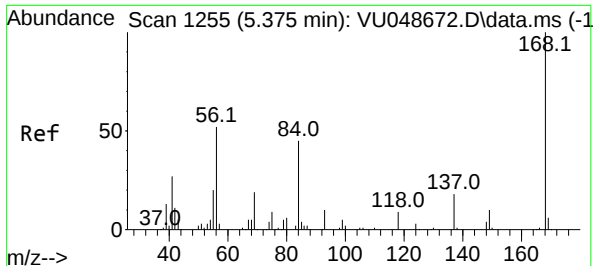
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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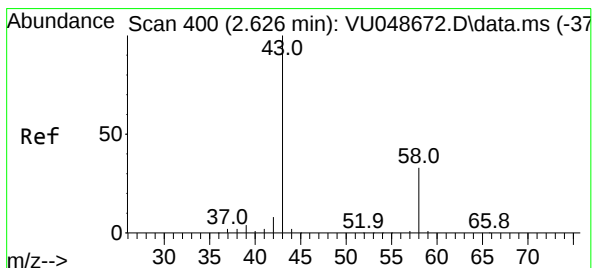
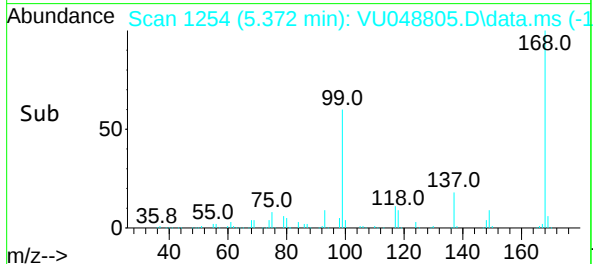
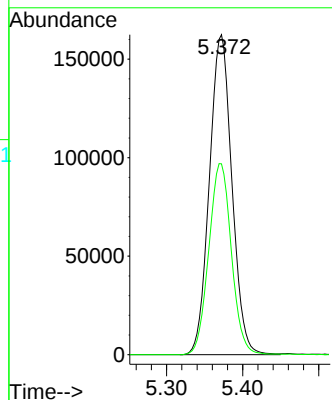
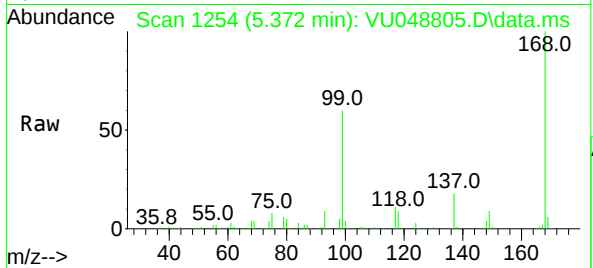




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

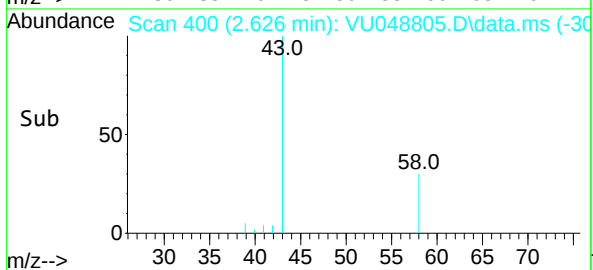
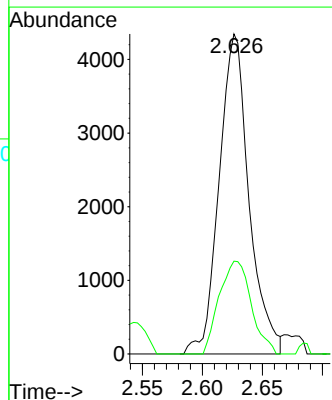
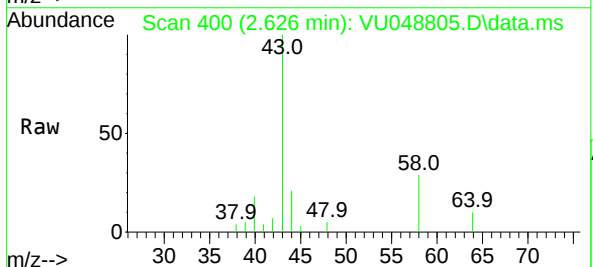
Instrument :
MSVOA_U
ClientSampleId :
MW-04

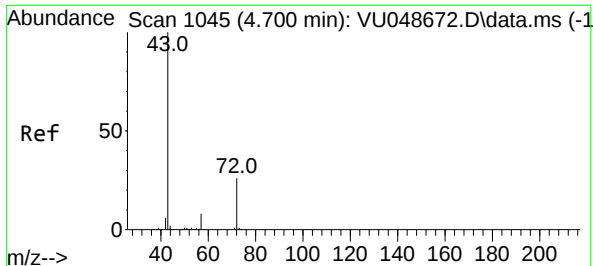
Tgt Ion:168 Resp: 334050
Ion Ratio Lower Upper
168 100
99 59.7 49.3 73.9



#16
Acetone
Concen: 2.941 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

Tgt Ion: 43 Resp: 7520
Ion Ratio Lower Upper
43 100
58 29.0 26.3 39.5





#25

2-Butanone

Concen: 1.768 ug/l

RT: 4.716 min Scan# 1105

Delta R.T. 0.016 min

Lab File: VU048805.D

Acq: 02 Jun 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

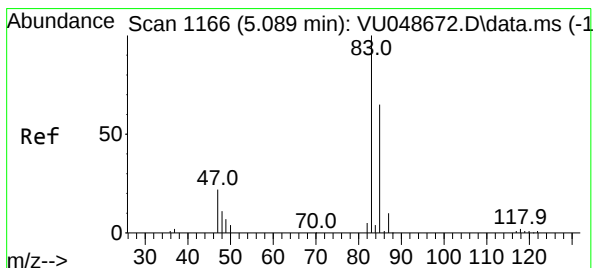
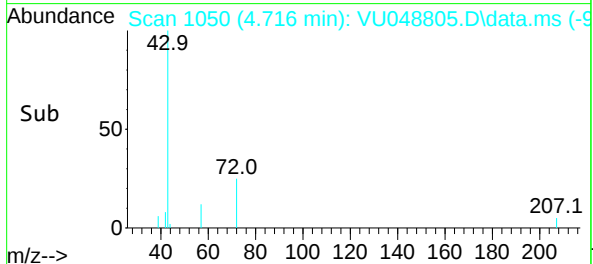
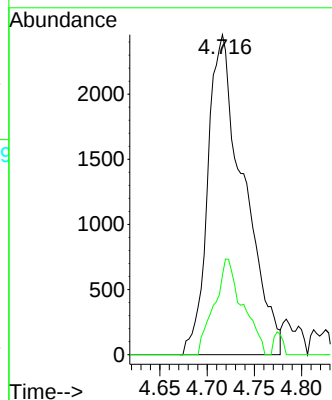
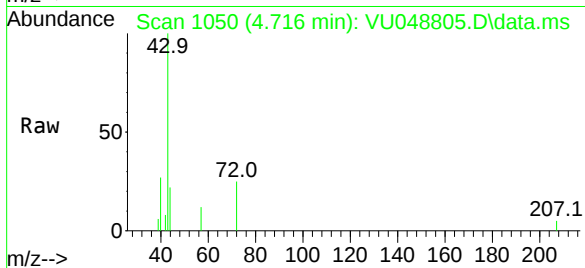
MW-04

Tgt Ion: 43 Resp: 6493

Ion Ratio Lower Upper

43 100

72 24.8 21.1 31.7



#30

Chloroform

Concen: 0.231 ug/l

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048805.D

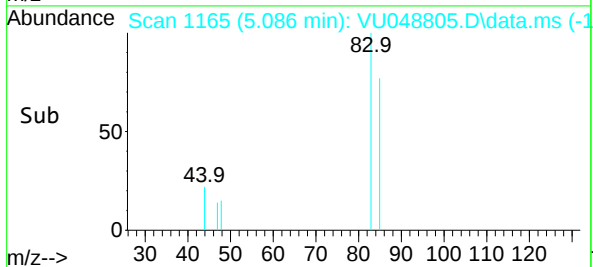
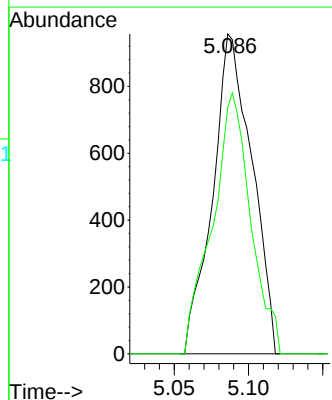
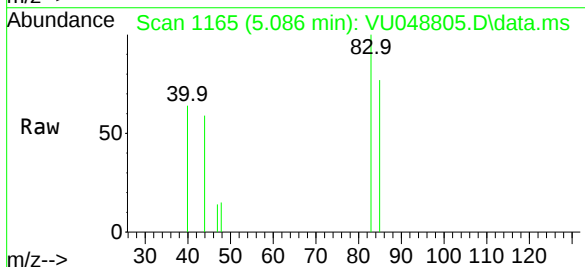
Acq: 02 Jun 2022 15:48

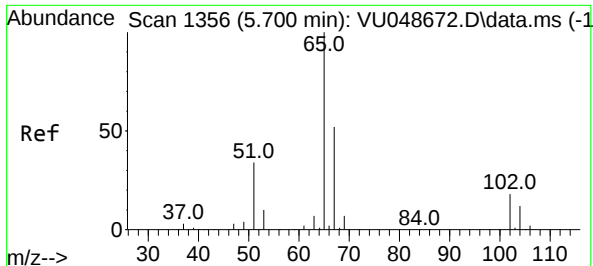
Tgt Ion: 83 Resp: 1762

Ion Ratio Lower Upper

83 100

85 77.0 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 44.475 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048805.D

Acq: 02 Jun 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

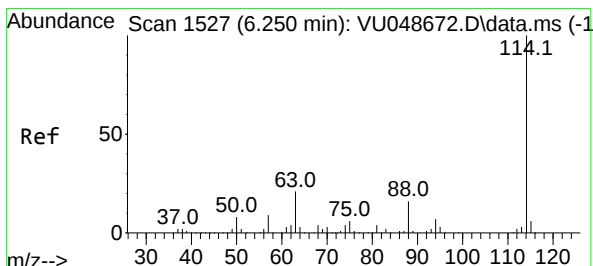
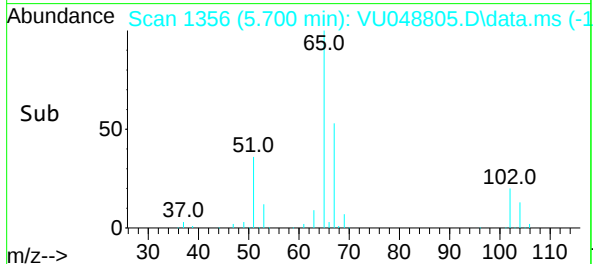
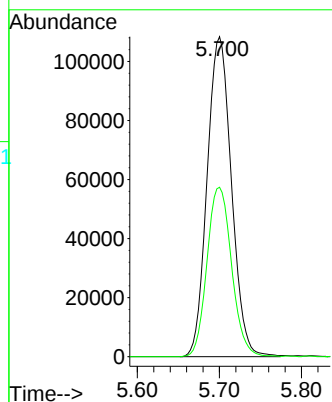
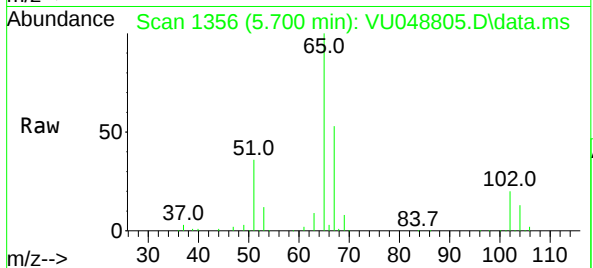
MW-04

Tgt Ion: 65 Resp: 223120

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048805.D

Acq: 02 Jun 2022 15:48

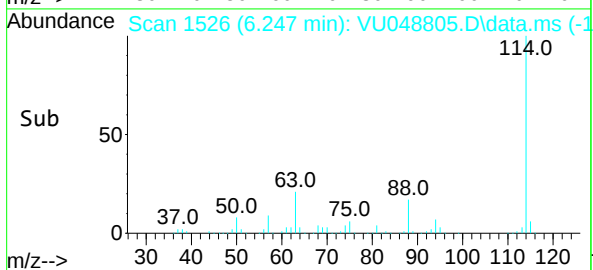
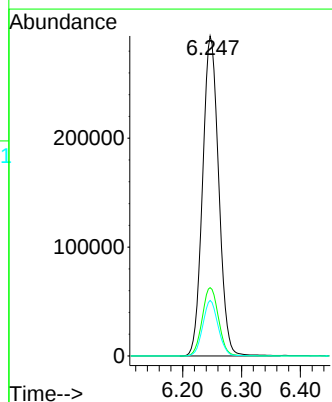
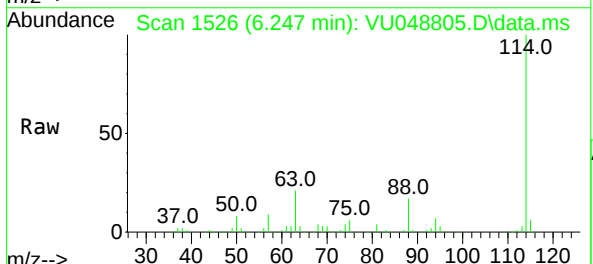
Tgt Ion: 114 Resp: 557746

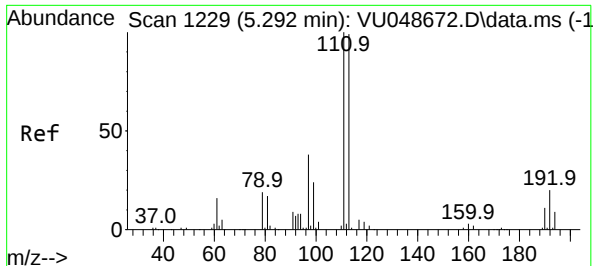
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.6

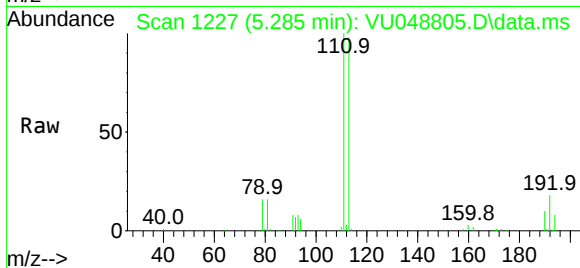
88 17.3 0.0 32.2



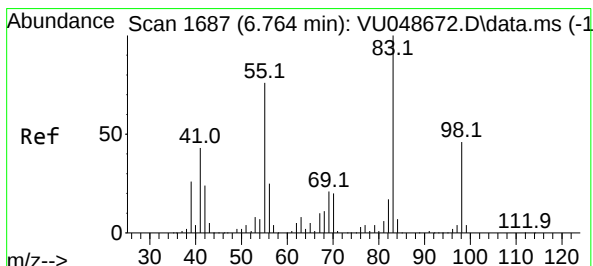
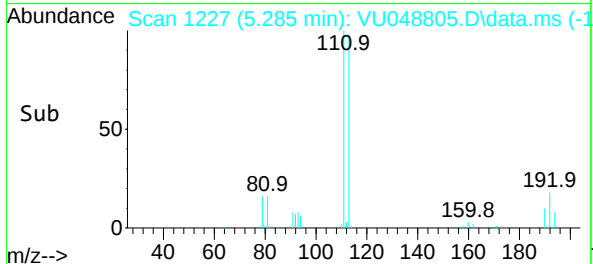
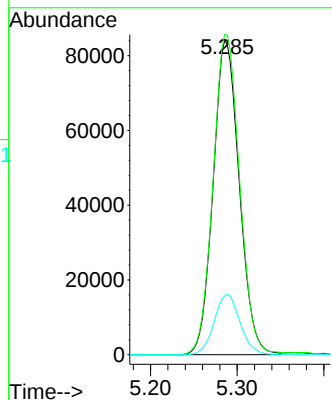


#35
Dibromofluoromethane
Concen: 44.236 ug/l
RT: 5.285 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

Instrument :
MSVOA_U
ClientSampleId :
MW-04

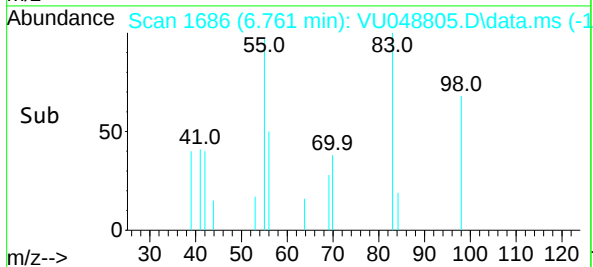
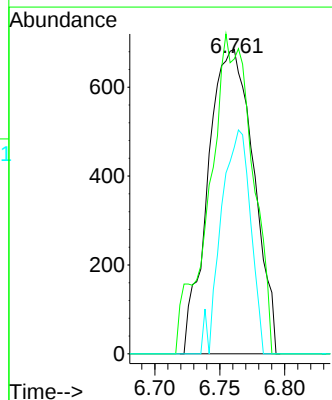
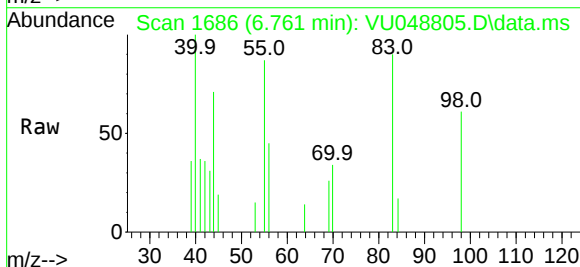


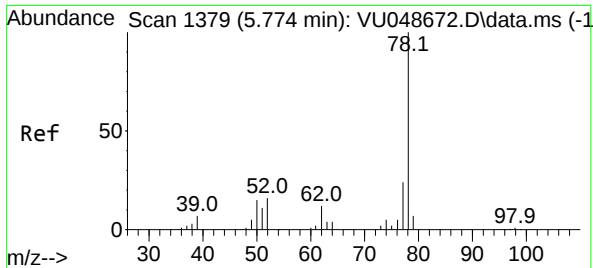
Tgt Ion:113 Resp: 176017
Ion Ratio Lower Upper
113 100
111 103.4 80.7 121.1
192 19.0 15.9 23.9



#39
Methylcyclohexane
Concen: 0.275 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

Tgt Ion: 83 Resp: 1673
Ion Ratio Lower Upper
83 100
55 96.9 61.0 91.6#
98 67.9 36.8 55.2#

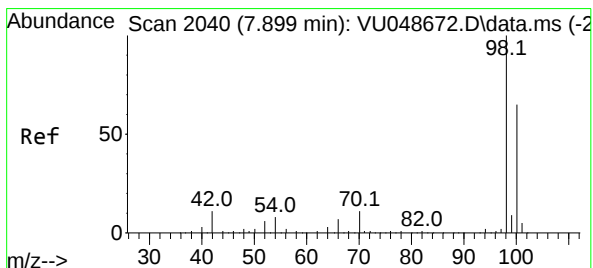
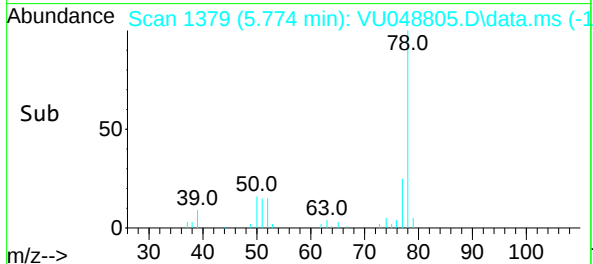
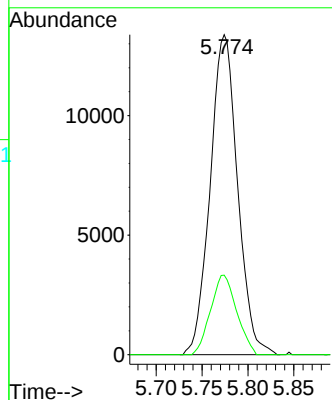
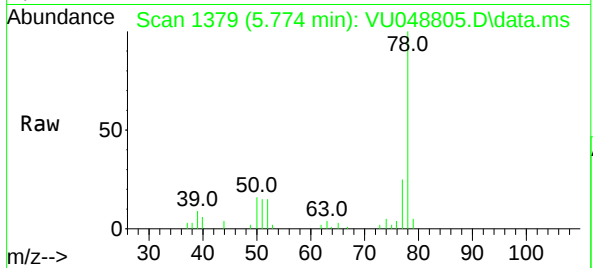




#40
Benzene
Concen: 1.624 ug/l
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

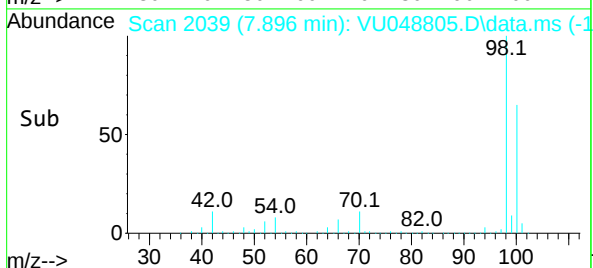
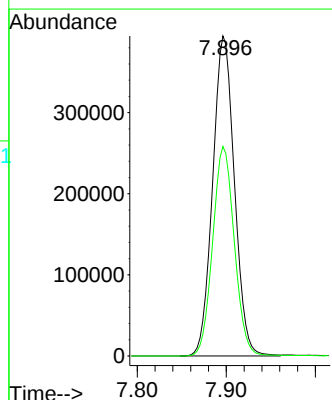
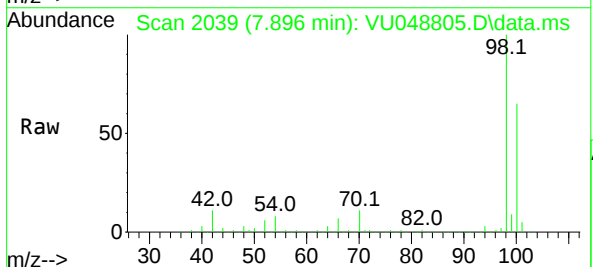
Instrument :
MSVOA_U
ClientSampleId :
MW-04

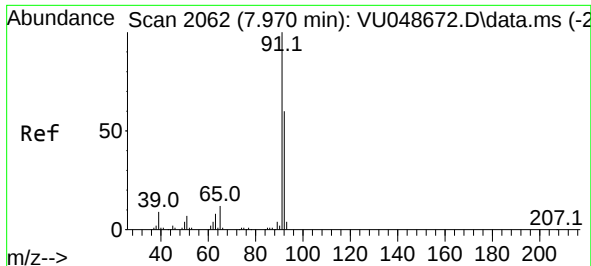
Tgt Ion: 78 Resp: 27846
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6



#50
Toluene-d8
Concen: 46.922 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

Tgt Ion: 98 Resp: 669279
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

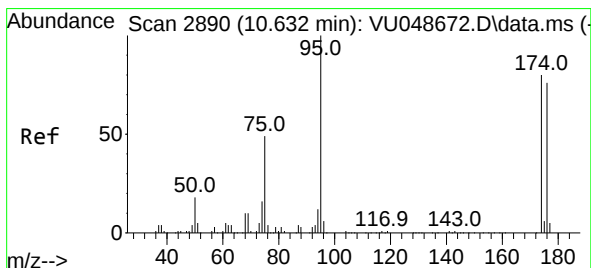
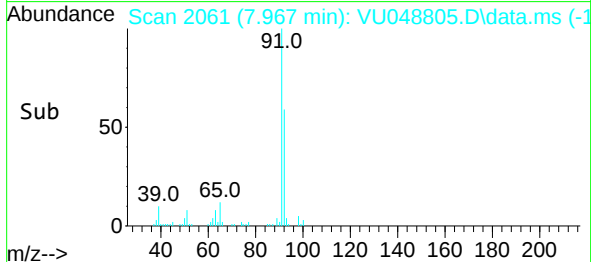
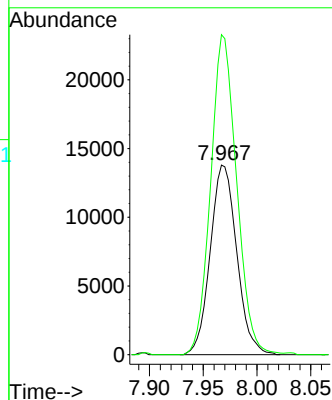
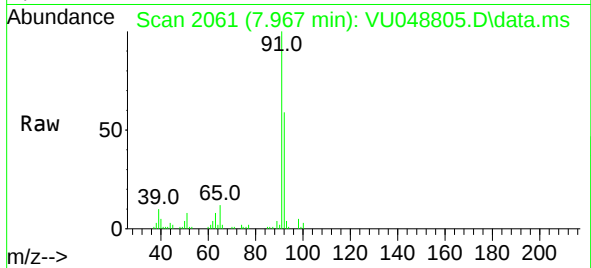




#52
Toluene
Concen: 2.306 ug/l
RT: 7.967 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

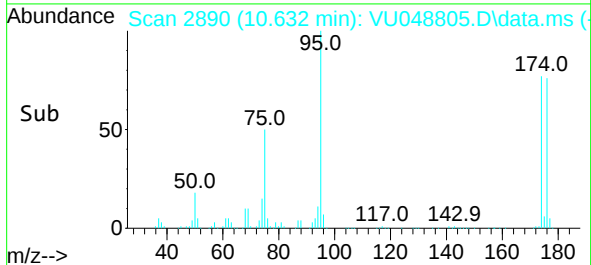
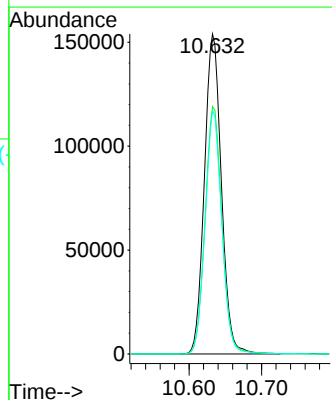
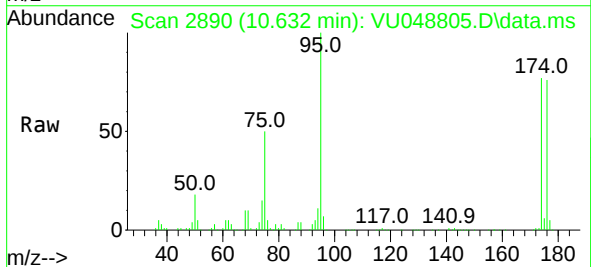
Instrument : MSVOA_U
ClientSampleId : MW-04

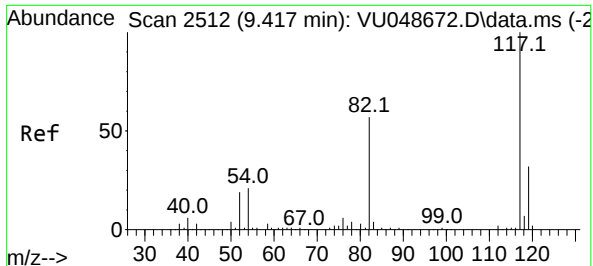
Tgt Ion: 92 Resp: 23646
Ion Ratio Lower Upper
92 100
91 165.5 135.0 202.4



#62
4-Bromofluorobenzene
Concen: 46.440 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

Tgt Ion: 95 Resp: 250514
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 74.7 0.0 152.4

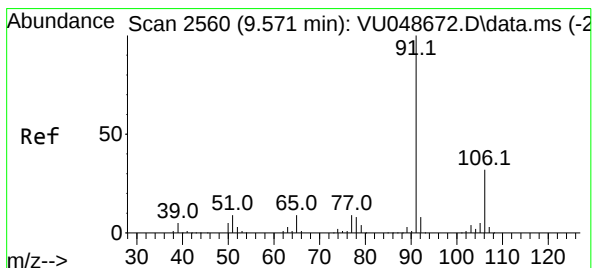
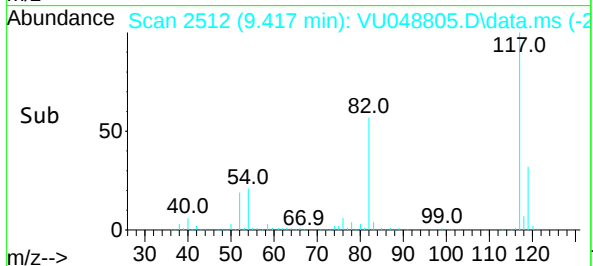
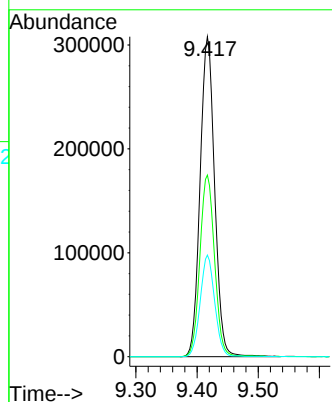
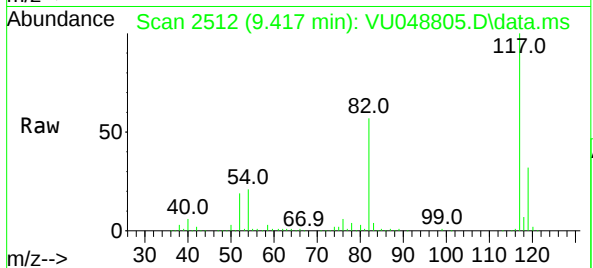




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

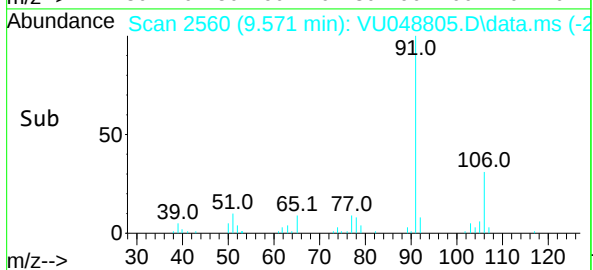
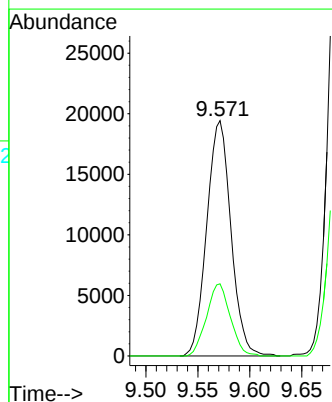
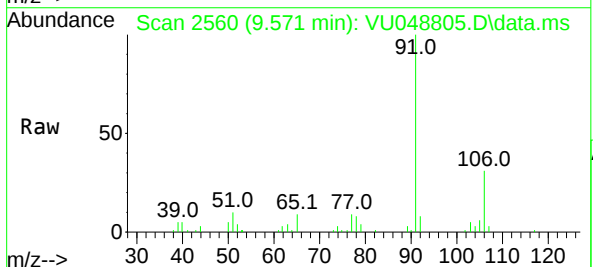
Instrument :
MSVOA_U
ClientSampleId :
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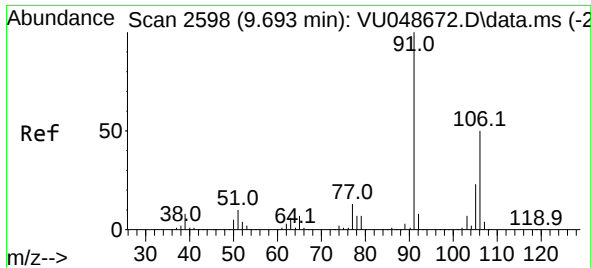
Tgt Ion:117 Resp: 508353
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.7 25.4 38.2



#67
Ethyl Benzene
Concen: 1.734 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

Tgt Ion: 91 Resp: 31444
Ion Ratio Lower Upper
91 100
106 30.7 25.4 38.2

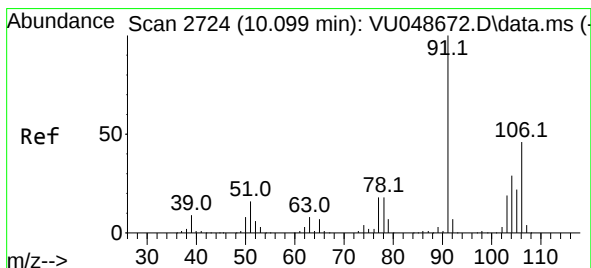
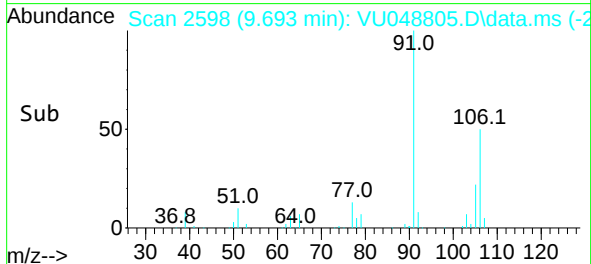
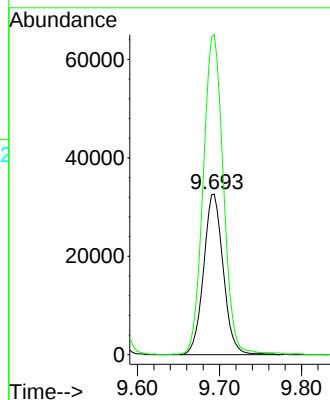
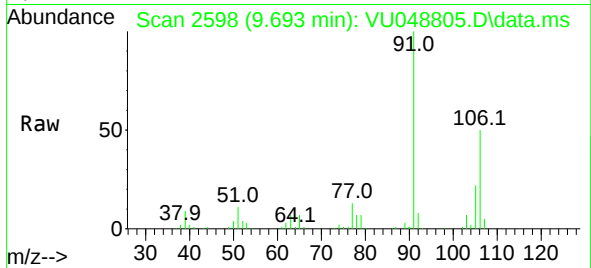




#68
m/p-Xylenes
Concen: 7.658 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

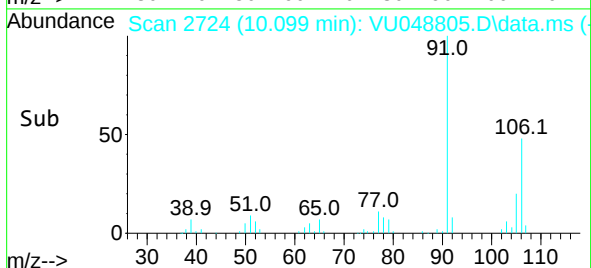
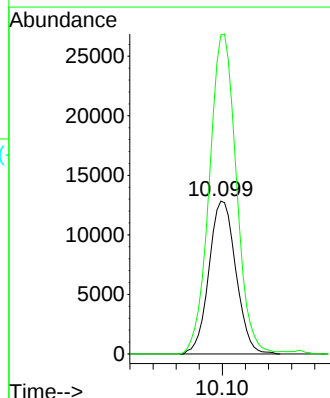
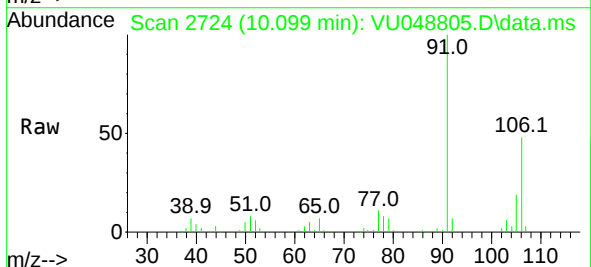
Instrument :
MSVOA_U
ClientSampleId :
MW-04

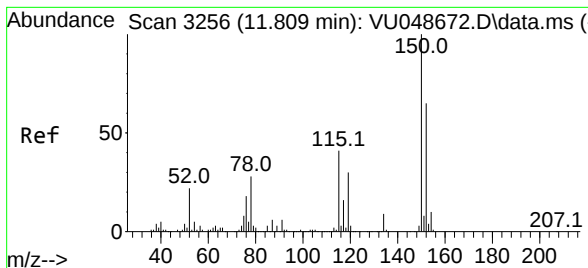
Tgt Ion:106 Resp: 54314
Ion Ratio Lower Upper
106 100
91 205.6 162.4 243.6



#69
o-Xylene
Concen: 2.985 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU048805.D
Acq: 02 Jun 2022 15:48

Tgt Ion:106 Resp: 20797
Ion Ratio Lower Upper
106 100
91 210.2 107.7 323.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048805.D

Acq: 02 Jun 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

MW-04

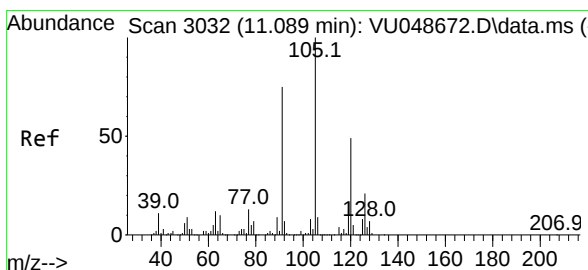
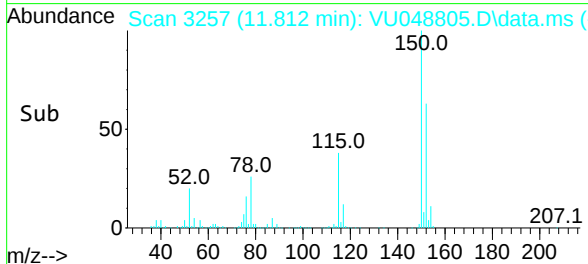
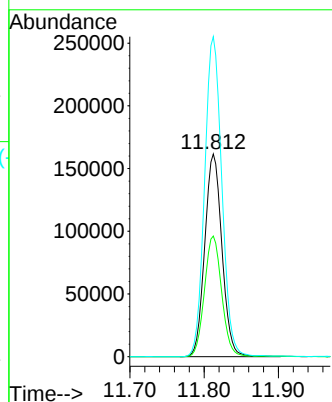
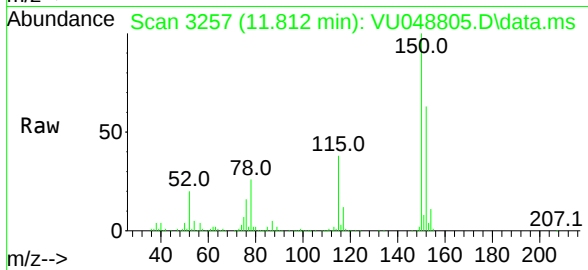
Tgt Ion:152 Resp: 259480

Ion Ratio Lower Upper

152 100

115 59.4 41.8 125.4

150 157.8 0.0 341.0



#80

1,3,5-Trimethylbenzene

Concen: 0.530 ug/l

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048805.D

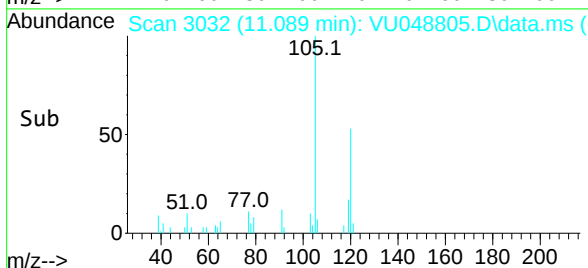
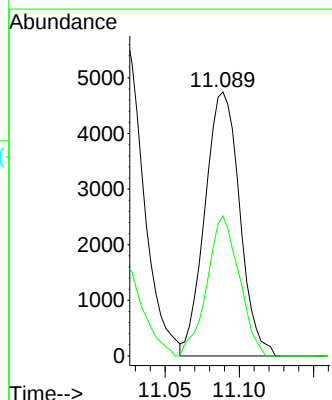
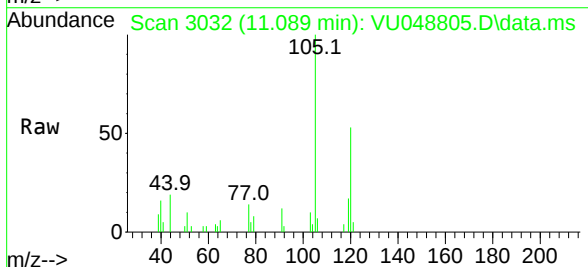
Acq: 02 Jun 2022 15:48

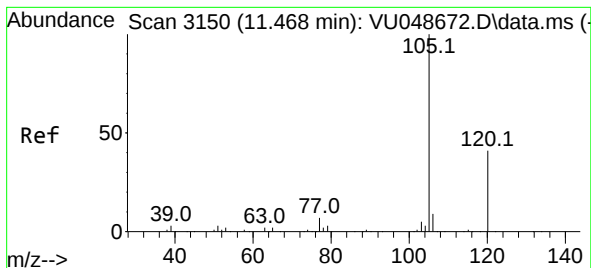
Tgt Ion:105 Resp: 7727

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 2.808 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048805.D

Acq: 02 Jun 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

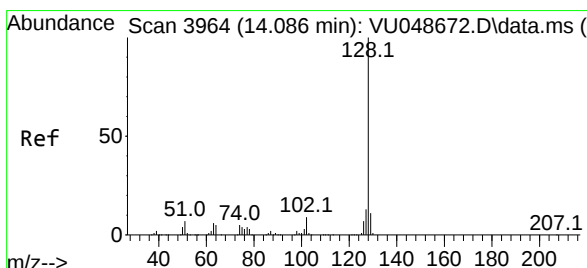
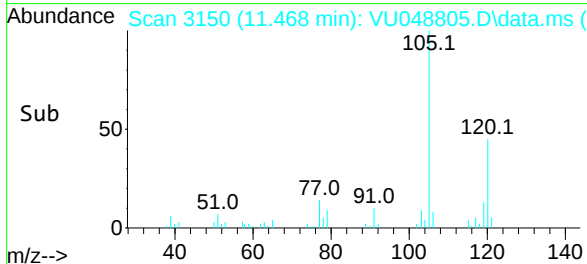
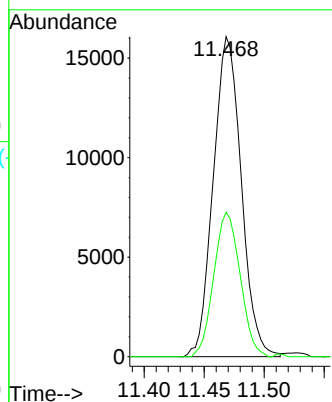
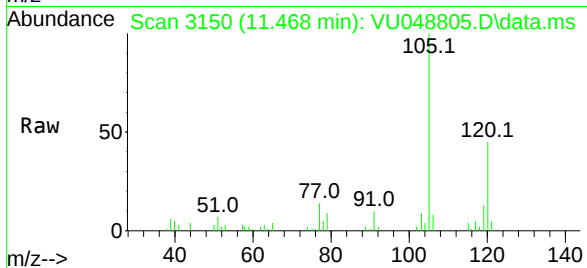
MW-04

Tgt Ion:105 Resp: 26065

Ion Ratio Lower Upper

105 100

120 42.4 22.5 67.5



#95

Naphthalene

Concen: 3.517 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VU048805.D

Acq: 02 Jun 2022 15:48

Tgt Ion:128 Resp: 21185

Ion Ratio Lower Upper

128 100

127 14.5 10.2 15.4

129 11.3 8.7 13.1

