

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060222\
 Data File : VU048804.D
 Acq On : 02 Jun 2022 15:25
 Operator : SY/MD
 Sample : N3087-06DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-06DL

Quant Time: Jun 02 15:54:24 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)

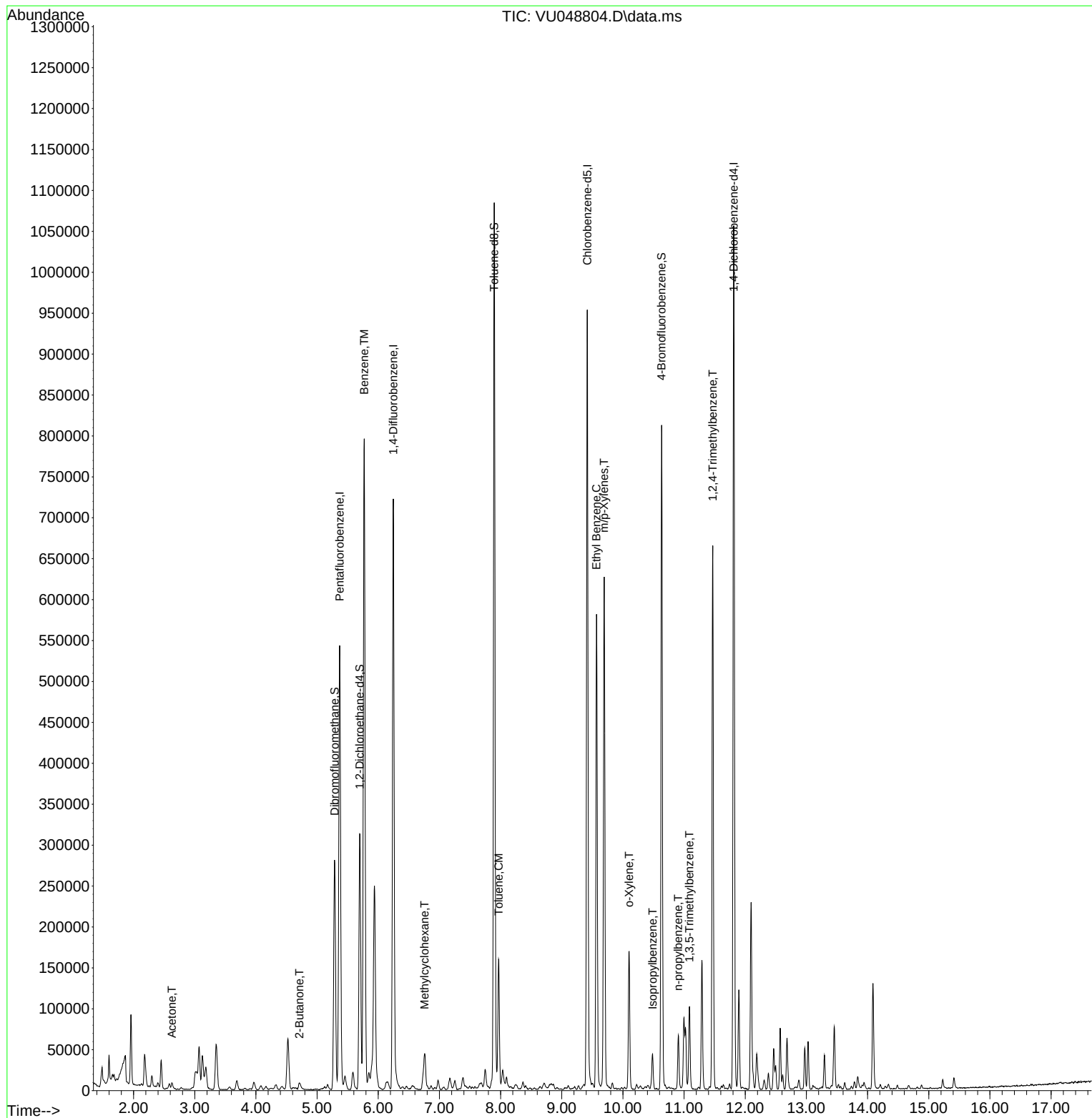
Internal Standards						
1) Pentafluorobenzene	5.369	168	351642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	585590	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	528696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	283044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	235798	44.650	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.300%
35) Dibromofluoromethane	5.285	113	185022	44.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.580%
50) Toluene-d8	7.896	98	705746	47.126	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.260%
62) 4-Bromofluorobenzene	10.632	95	273020	48.206	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.420%
Target Compounds						
					Qvalue	
16) Acetone	2.626	43	10071	3.742	ug/l	99
25) 2-Butanone	4.710	43	15072	3.898	ug/l	100
39) Methylcyclohexane	6.758	83	17808	2.785	ug/l	98
40) Benzene	5.771	78	749750	41.650	ug/l	100
52) Toluene	7.970	92	66010	6.131	ug/l	100
67) Ethyl Benzene	9.568	91	400447	21.233	ug/l	99
68) m/p-Xylenes	9.693	106	176152	23.881	ug/l	98
69) o-Xylene	10.099	106	44971	6.206	ug/l	98
73) Isopropylbenzene	10.484	105	24757	1.355	ug/l	98
78) n-propylbenzene	10.906	91	48037	2.206	ug/l	98
80) 1,3,5-Trimethylbenzene	11.086	105	54309	3.418	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	369594	22.255	ug/l	99

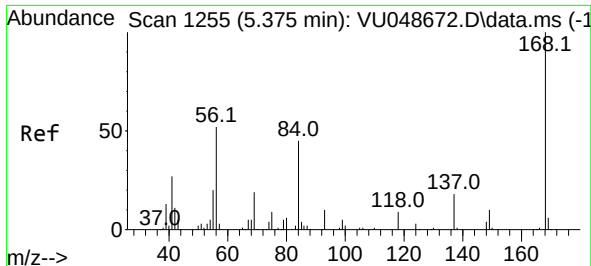
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 02 15:54:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
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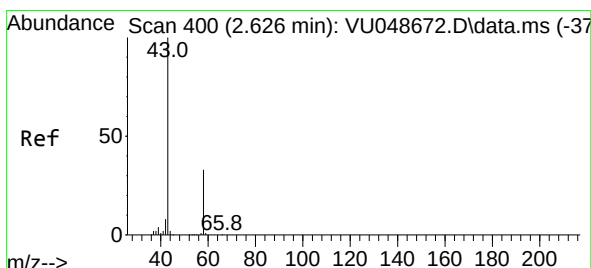
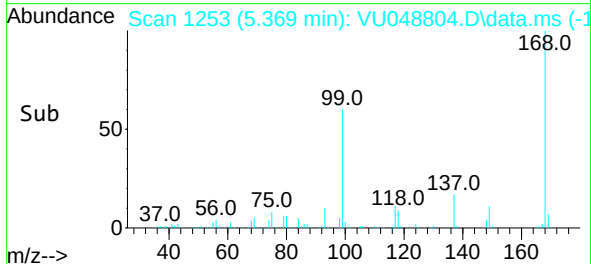
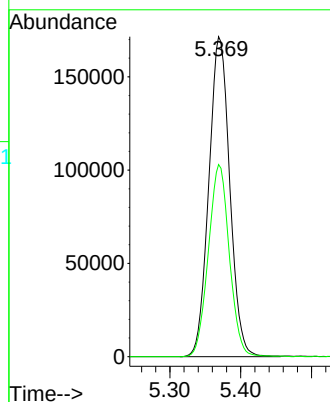
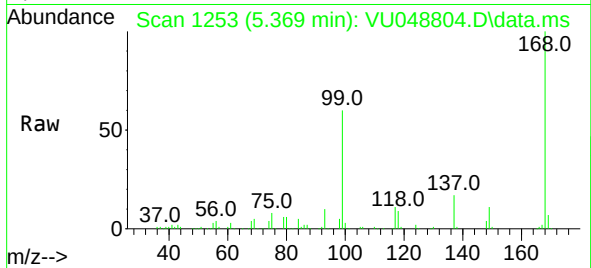




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

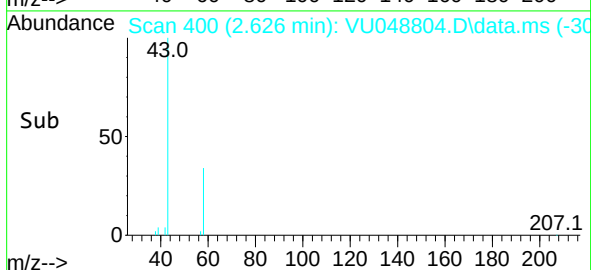
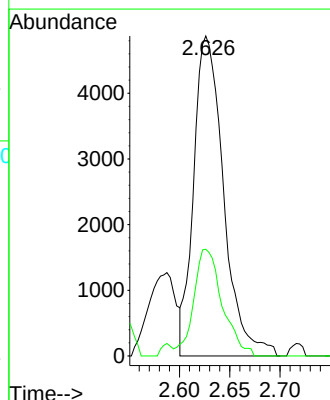
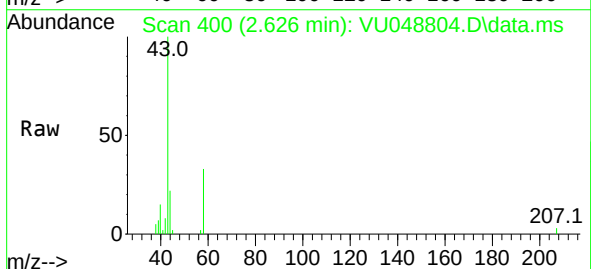
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

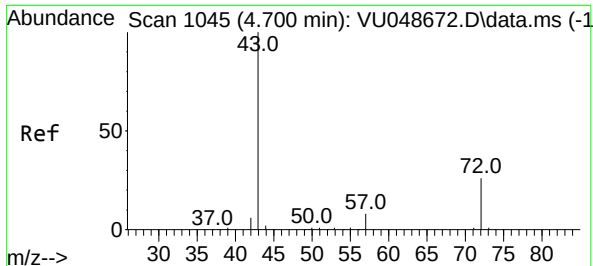
Tgt Ion:168 Resp: 351642
Ion Ratio Lower Upper
168 100
99 60.1 49.3 73.9



#16
Acetone
Concen: 3.742 ug/l
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 43 Resp: 10071
Ion Ratio Lower Upper
43 100
58 33.4 26.3 39.5





#25

2-Butanone

Concen: 3.898 ug/l

RT: 4.710 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

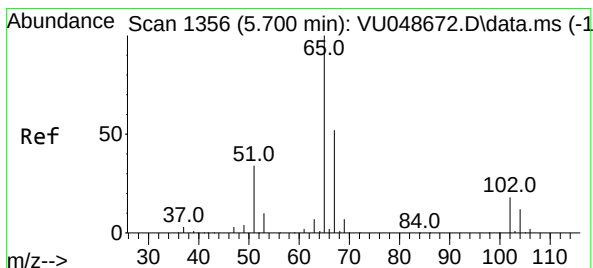
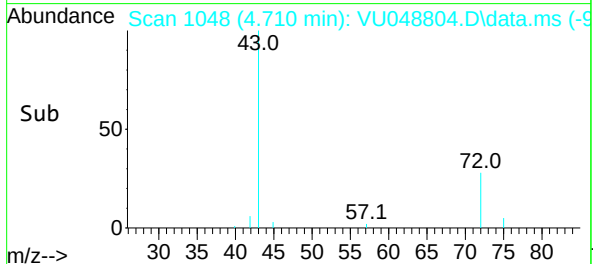
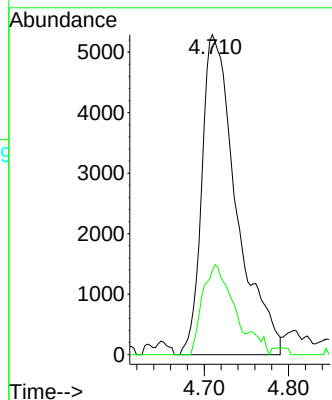
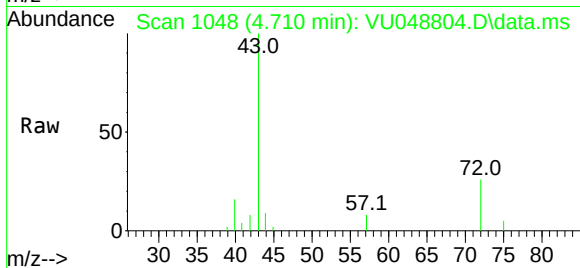
MW-06DL

Tgt Ion: 43 Resp: 15072

Ion Ratio Lower Upper

43 100

72 26.3 21.1 31.7



#33

1,2-Dichloroethane-d4

Concen: 44.650 ug/l

RT: 5.697 min Scan# 1355

Delta R.T. -0.003 min

Lab File: VU048804.D

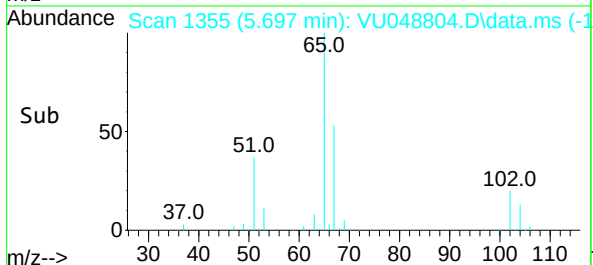
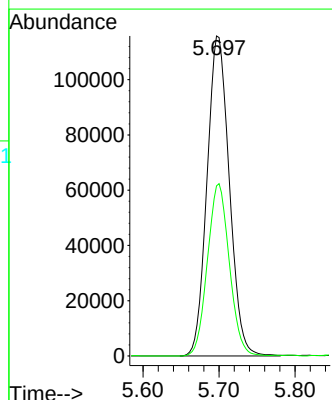
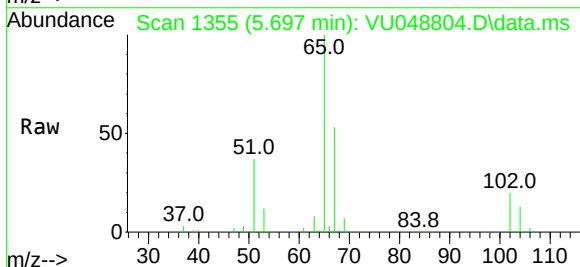
Acq: 02 Jun 2022 15:25

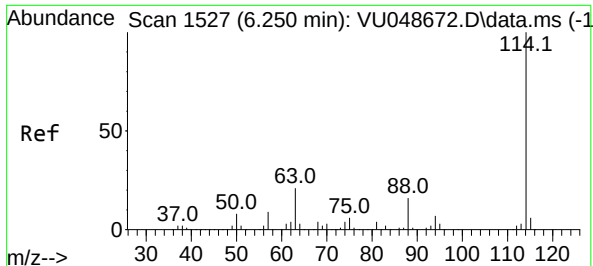
Tgt Ion: 65 Resp: 235798

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

MW-06DL

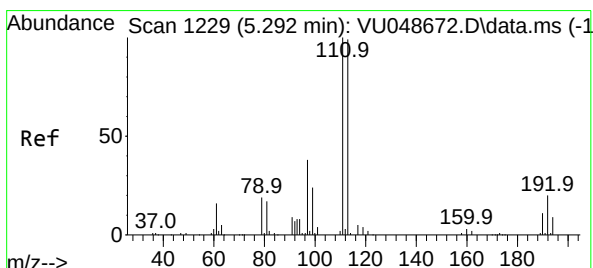
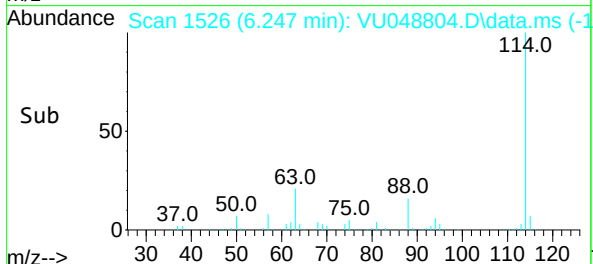
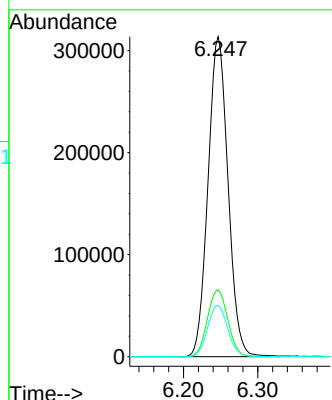
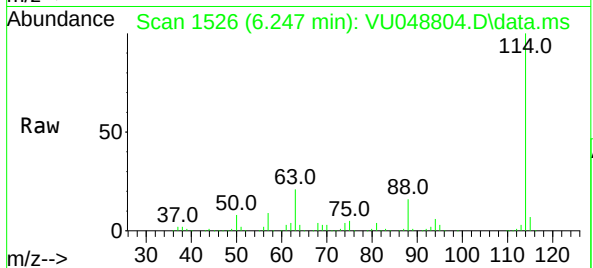
Tgt Ion:114 Resp: 585590

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 16.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.288 ug/l

RT: 5.285 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

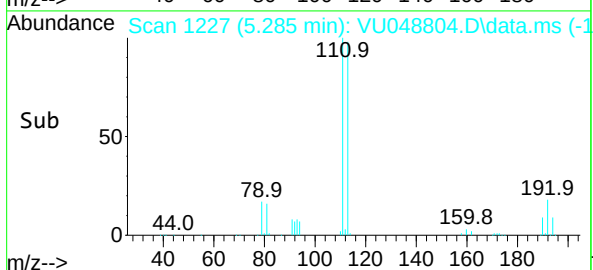
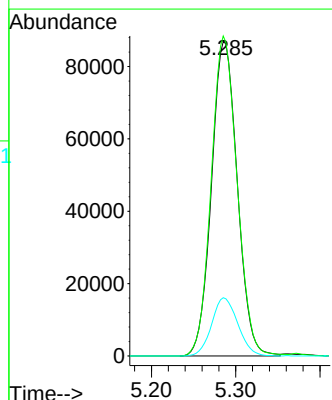
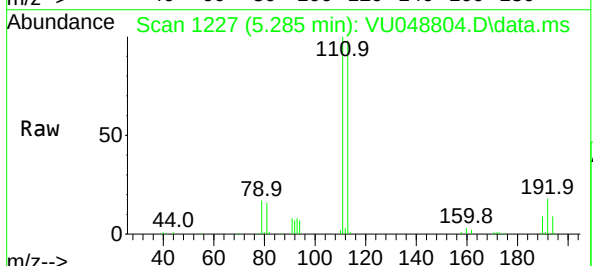
Tgt Ion:113 Resp: 185022

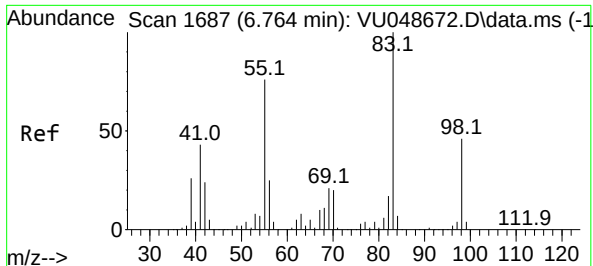
Ion Ratio Lower Upper

113 100

111 101.8 80.7 121.1

192 18.8 15.9 23.9





#39

Methylcyclohexane

Concen: 2.785 ug/l

RT: 6.758 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

MW-06DL

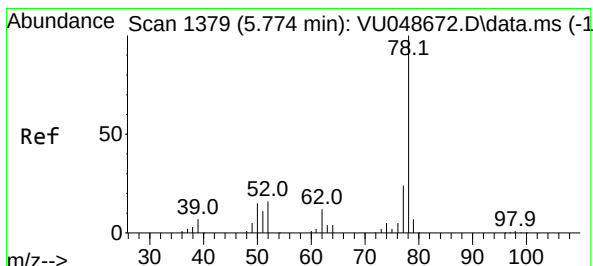
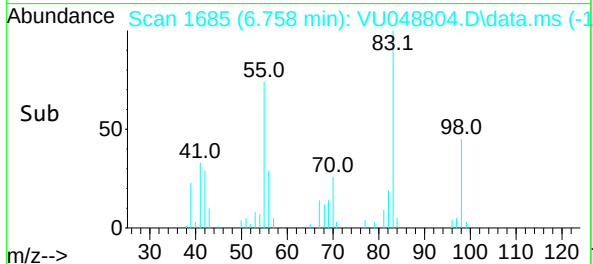
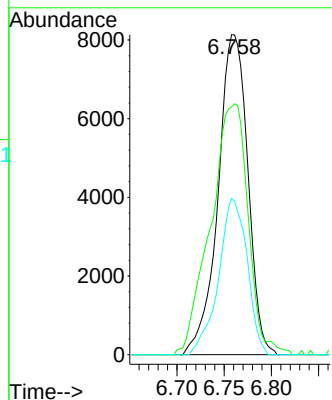
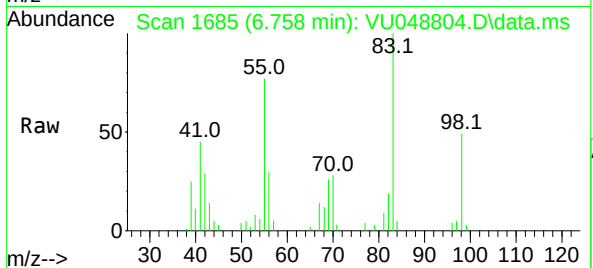
Tgt Ion: 83 Resp: 17808

Ion Ratio Lower Upper

83 100

55 75.6 61.0 91.6

98 48.9 36.8 55.2



#40

Benzene

Concen: 41.650 ug/l

RT: 5.771 min Scan# 1378

Delta R.T. -0.003 min

Lab File: VU048804.D

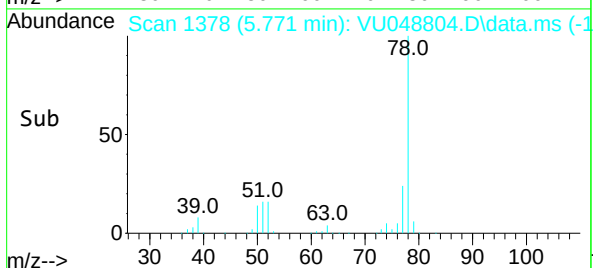
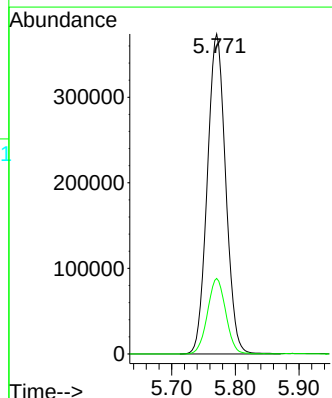
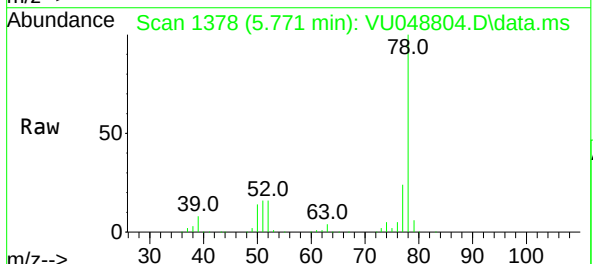
Acq: 02 Jun 2022 15:25

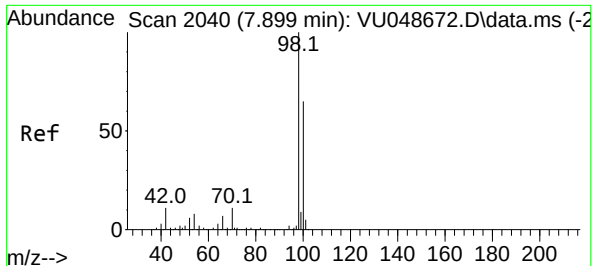
Tgt Ion: 78 Resp: 749750

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

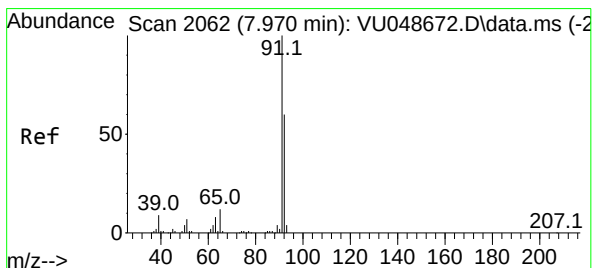
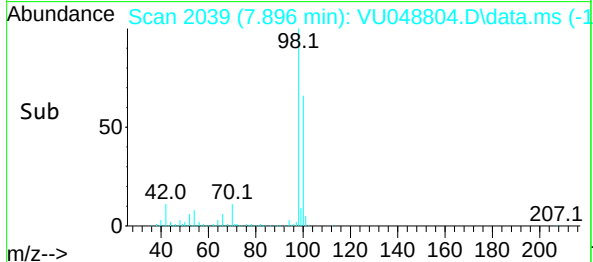
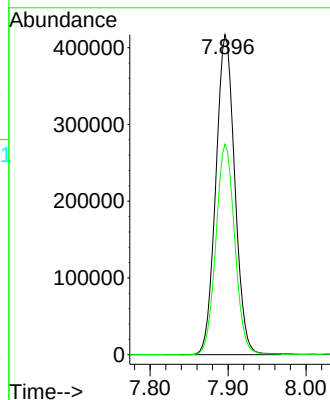
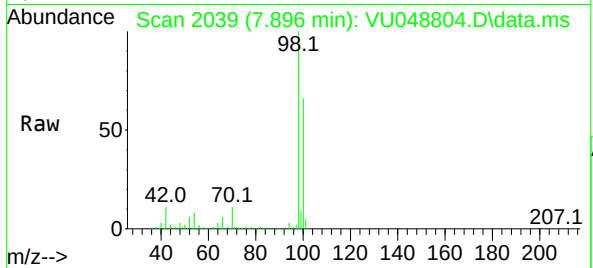




#50
Toluene-d8
Concen: 47.126 ug/l
RT: 7.896 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

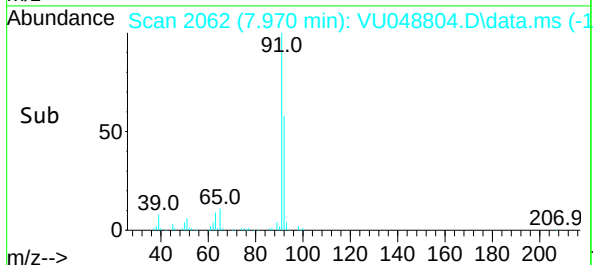
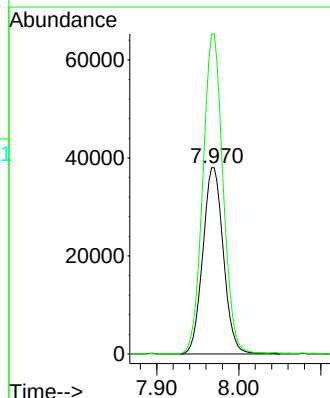
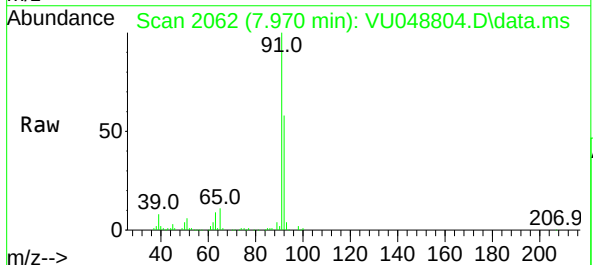
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

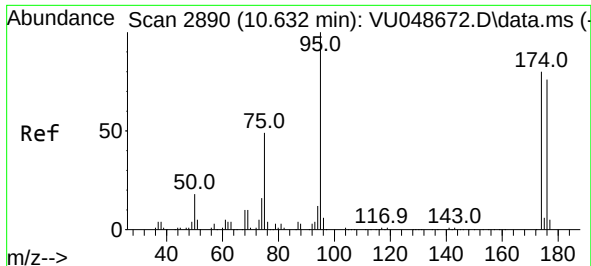
Tgt Ion: 98 Resp: 705746
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#52
Toluene
Concen: 6.131 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion: 92 Resp: 66010
Ion Ratio Lower Upper
92 100
91 169.1 135.0 202.4

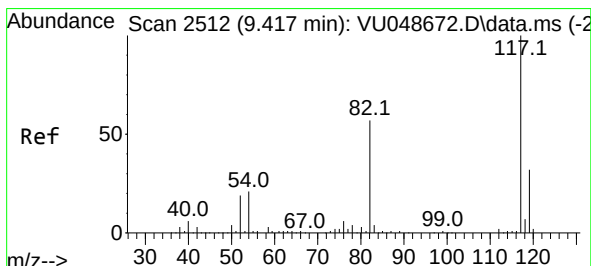
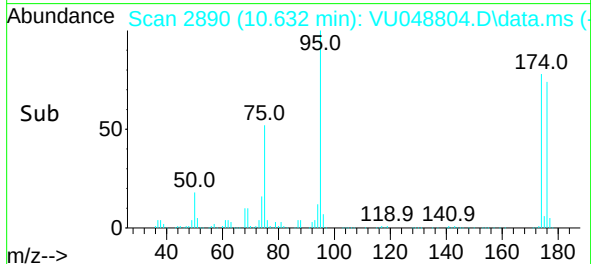
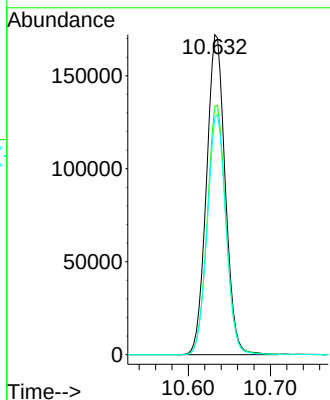
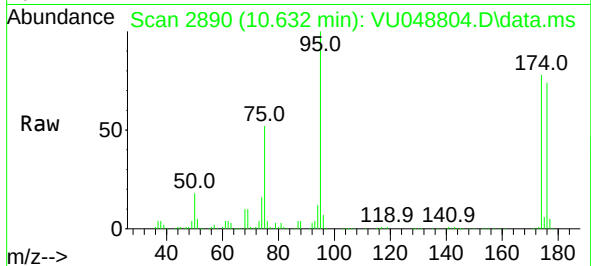




#62
4-Bromofluorobenzene
Concen: 48.206 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

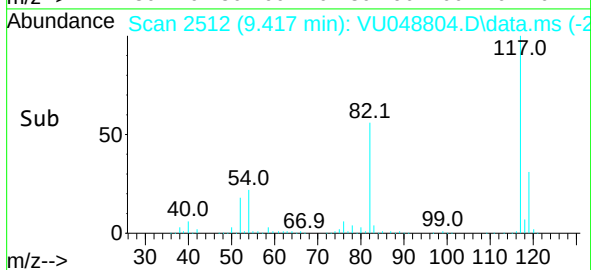
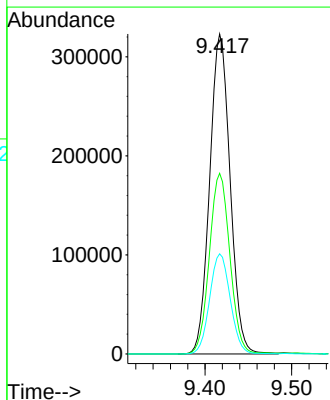
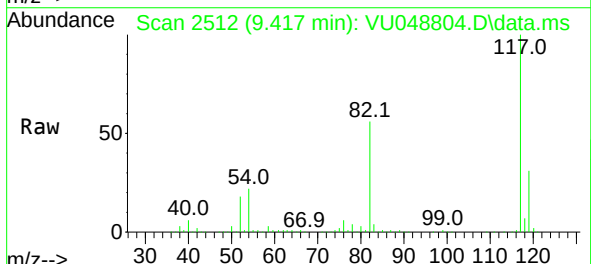
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

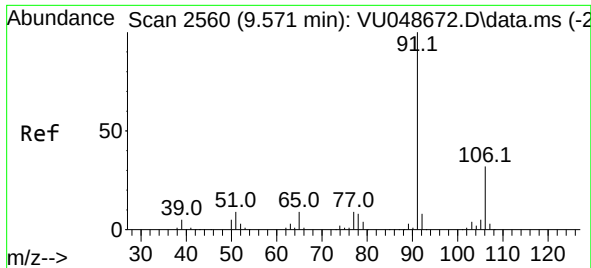
Tgt Ion:	95	Resp:	273020
Ion Ratio	Lower	Upper	
95	100		
174	77.8	0.0	159.4
176	74.8	0.0	152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion:	117	Resp:	528696
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.3	67.9
119	31.3	25.4	38.2

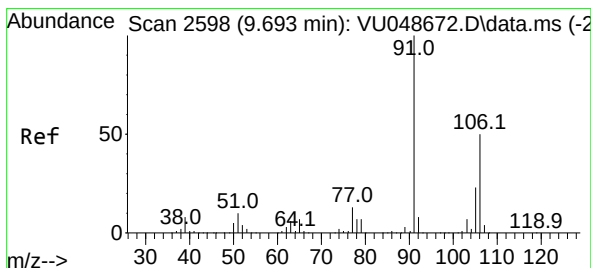
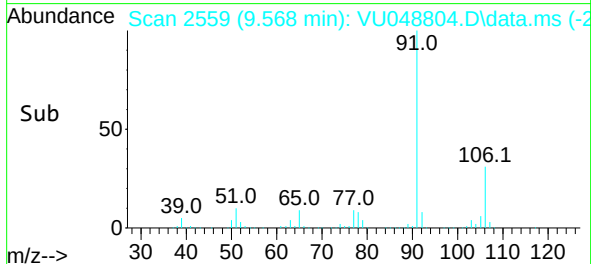
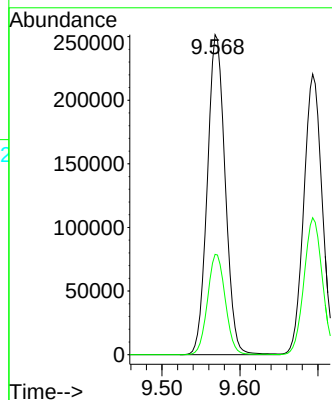
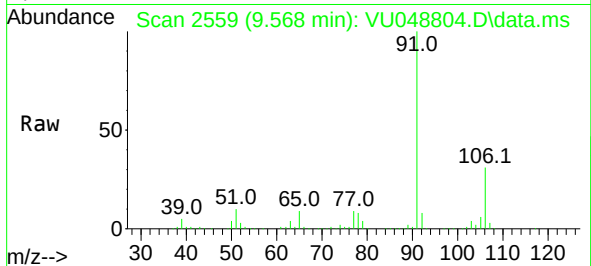




#67
Ethyl Benzene
Concen: 21.233 ug/l
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

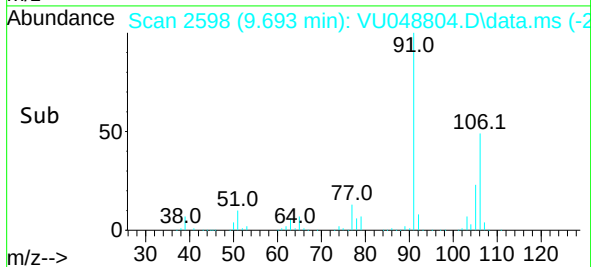
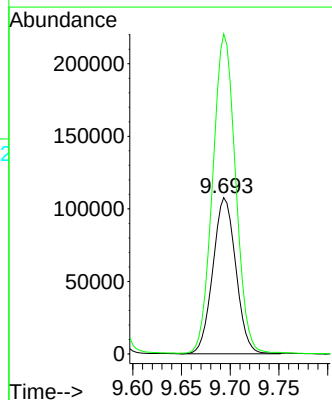
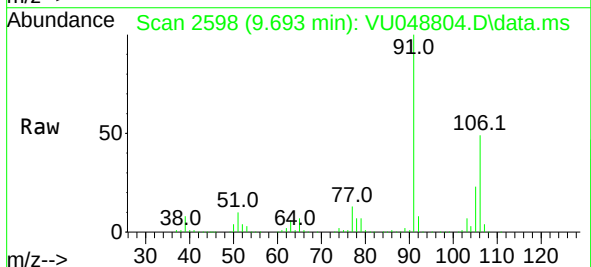
Instrument :
MSVOA_U
ClientSampleId :
MW-06DL

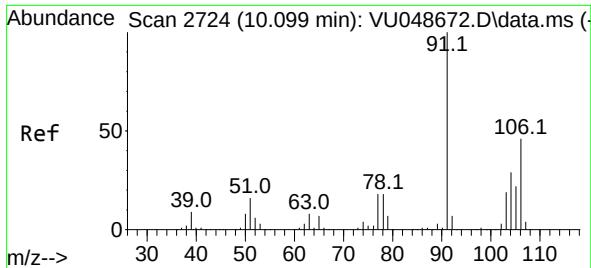
Tgt Ion: 91 Resp: 400447
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 23.881 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion:106 Resp: 176152
Ion Ratio Lower Upper
106 100
91 205.4 162.4 243.6

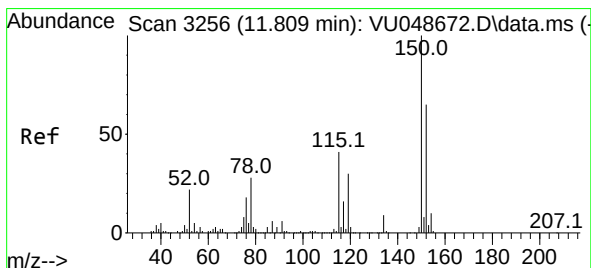
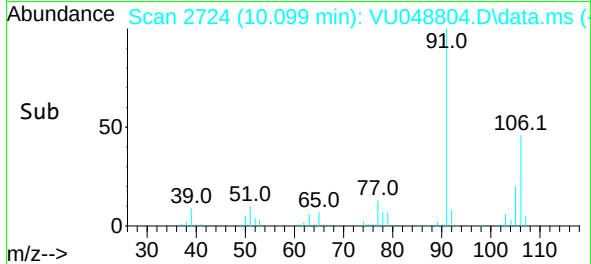
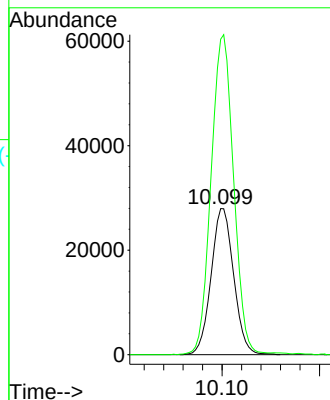
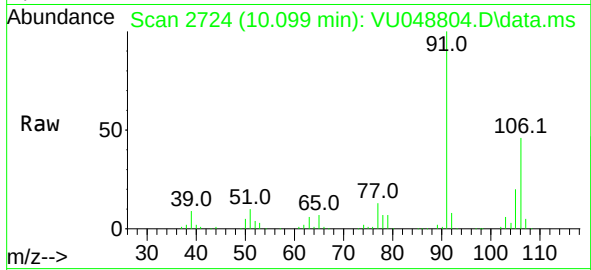




#69
o-Xylene
Concen: 6.206 ug/l
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

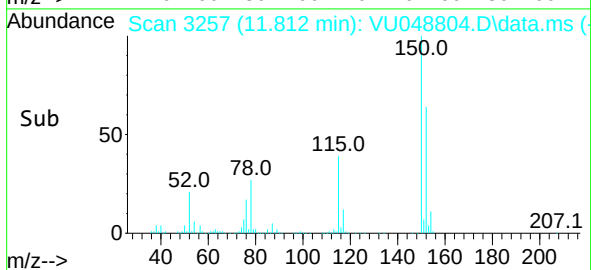
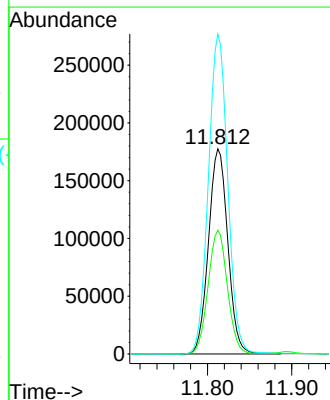
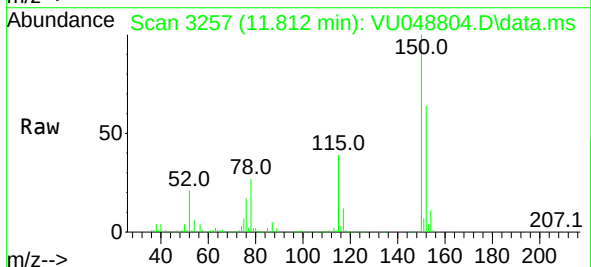
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MSVOA_U
ClientSampleId :
MW-06DL

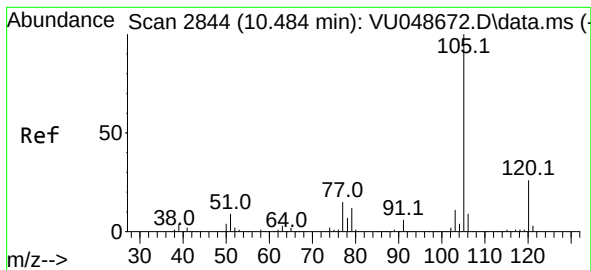
Tgt Ion:106 Resp: 44971
Ion Ratio Lower Upper
106 100
91 219.3 107.7 323.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VU048804.D
Acq: 02 Jun 2022 15:25

Tgt Ion:152 Resp: 283044
Ion Ratio Lower Upper
152 100
115 60.4 41.8 125.4
150 156.0 0.0 341.0





#73

Isopropylbenzene

Concen: 1.355 ug/l

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU048804.D

Acq: 02 Jun 2022 15:25

Instrument :

MSVOA_U

ClientSampleId :

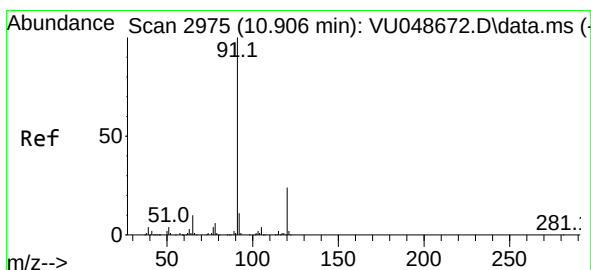
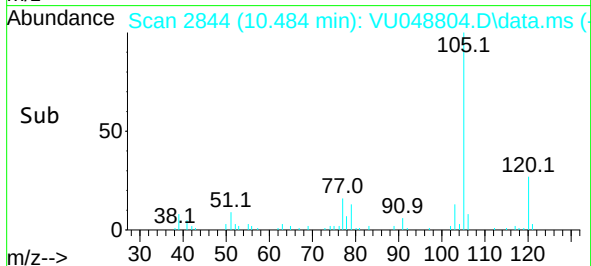
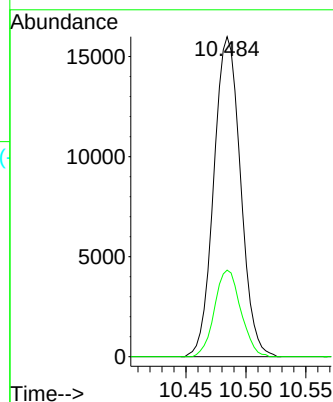
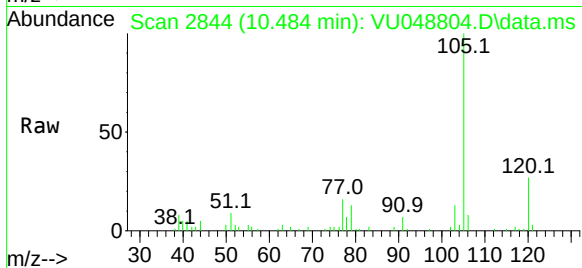
MW-06DL

Tgt Ion:105 Resp: 24757

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



#78

n-propylbenzene

Concen: 2.206 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU048804.D

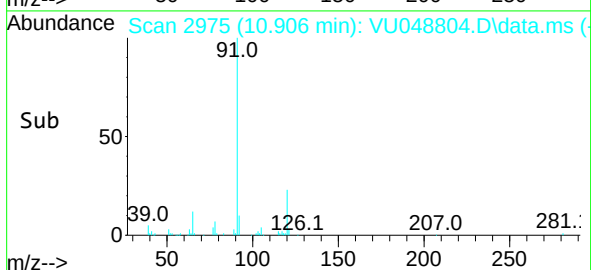
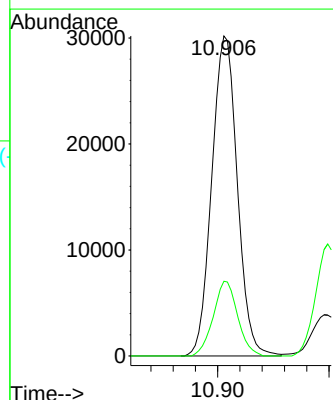
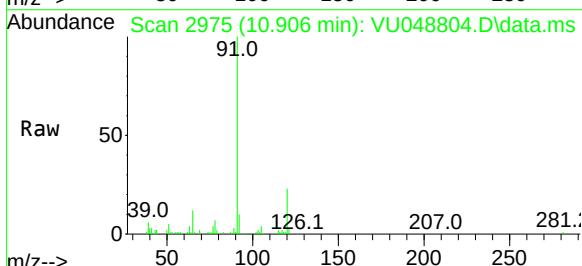
Acq: 02 Jun 2022 15:25

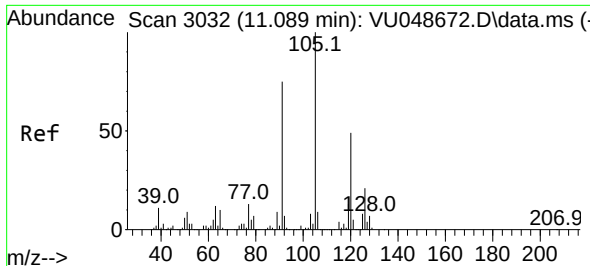
Tgt Ion: 91 Resp: 48037

Ion Ratio Lower Upper

91 100

120 22.3 11.6 34.7

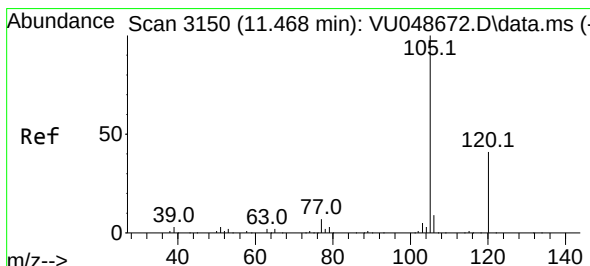
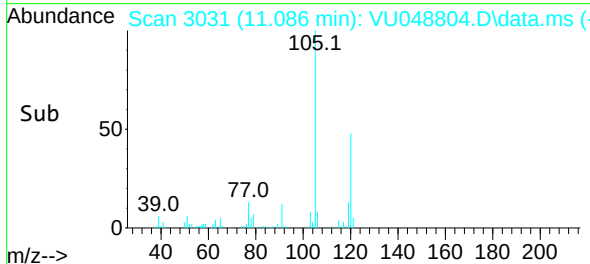
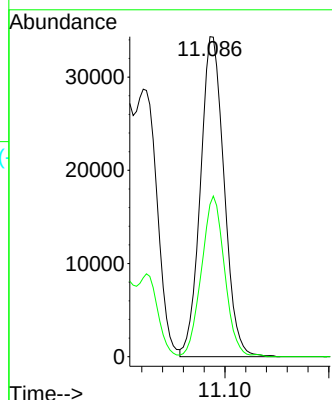
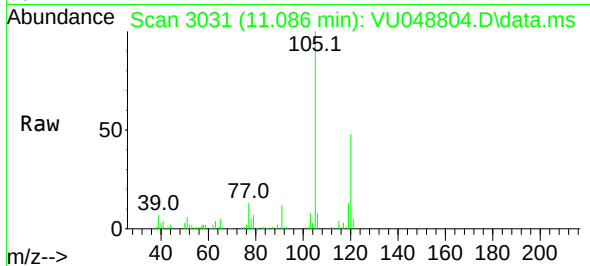




#80
 1,3,5-Trimethylbenzene
 Concen: 3.418 ug/l
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU048804.D
 Acq: 02 Jun 2022 15:25

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-06DL

Tgt Ion:105 Resp: 54309
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.3



#84
 1,2,4-Trimethylbenzene
 Concen: 22.255 ug/l
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048804.D
 Acq: 02 Jun 2022 15:25

Tgt Ion:105 Resp: 369594
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.5 67.5

