

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051221\
 Data File : VU043677.D
 Acq On : 12 May 2021 15:08
 Operator : SY/MD
 Sample : M2324-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 W-6

Quant Time: May 13 01:32:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U050621W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 09:51:45 2021
 Response via : Initial Calibration

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

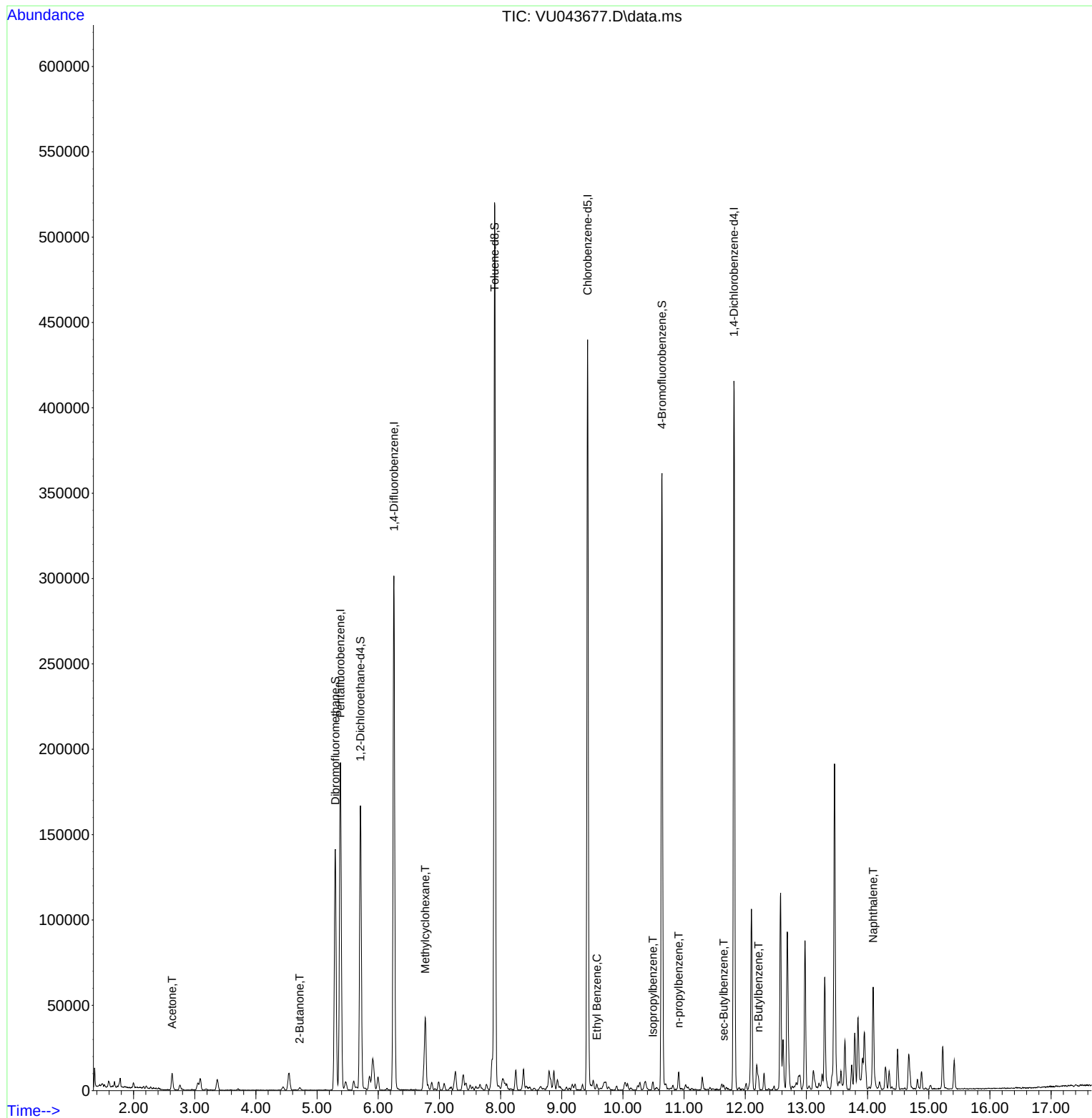
Internal Standards						
1) Pentafluorobenzene	5.382	168	117530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	215684	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	214836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	98367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	126639	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
35) Dibromofluoromethane	5.298	113	87056	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	7.903	98	314829	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	10.639	95	111099	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
Target Compounds						
						Qvalue
16) Acetone	2.630	43	11379	8.62	ug/l	99
25) 2-Butanone	4.713	43	2545	1.25	ug/l #	80
39) Methylcyclohexane	6.768	83	13848	5.85	ug/l	95
67) Ethyl Benzene	9.575	91	1096	1.56	ug/l	93
73) Isopropylbenzene	10.491	105	3043	0.43	ug/l	99
78) n-propylbenzene	10.912	91	8024	0.93	ug/l	100
85) sec-Butylbenzene	11.648	105	1672	1.54	ug/l	99
89) n-Butylbenzene	12.214	91	5042	3.24	ug/l #	70
95) Naphthalene	14.092	128	45575	6.82	ug/l	98

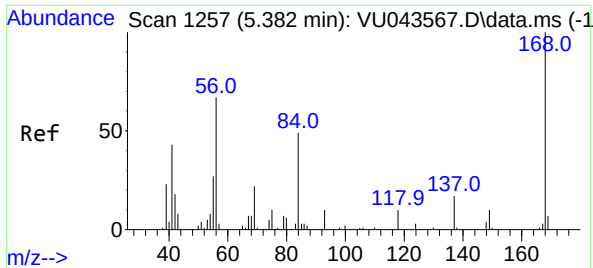
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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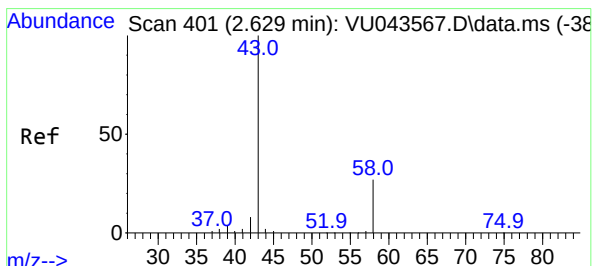
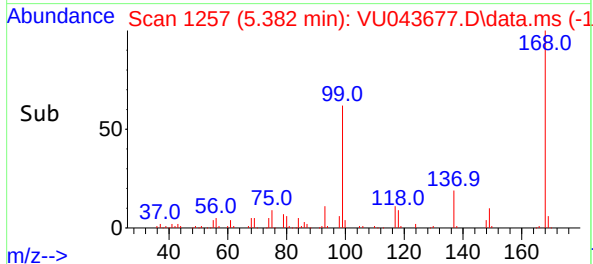
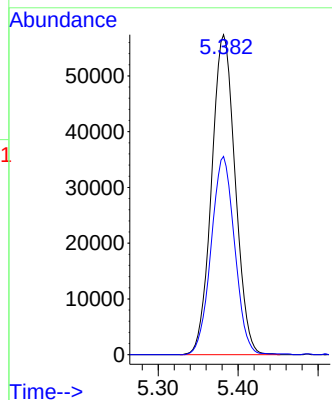
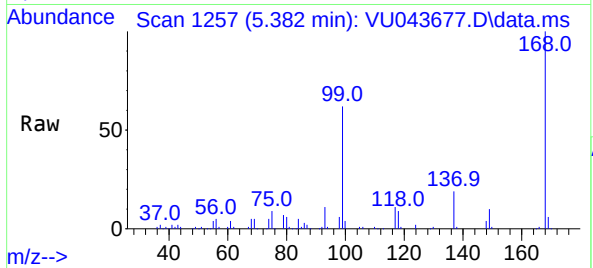




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043677.D
Acq: 12 May 2021 15:08

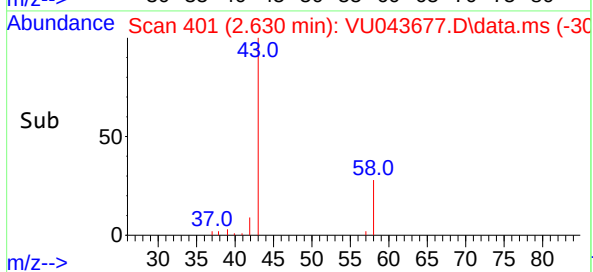
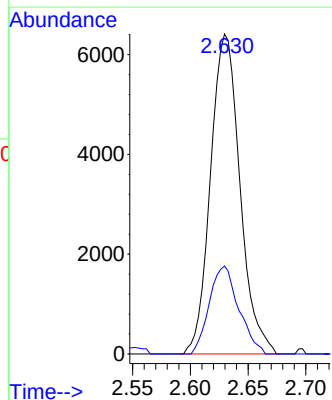
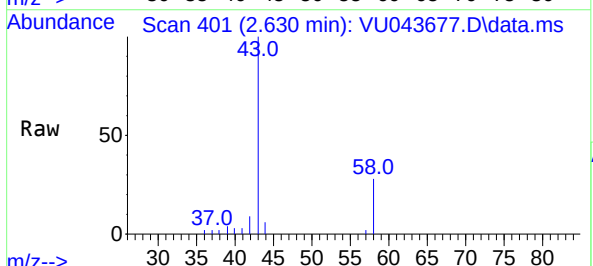
Instrument :
MSVOA_U
ClientSampled :
W-6

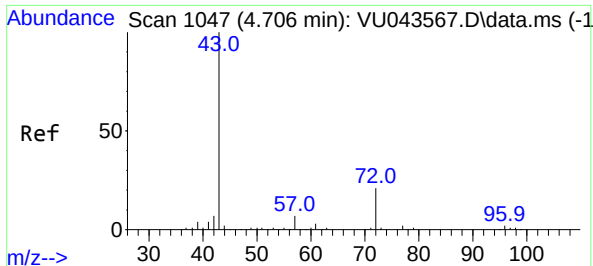
Tgt Ion:168 Resp: 117530
Ion Ratio Lower Upper
168 100
99 61.9 49.0 73.6



#16
Acetone
Concen: 8.62 ug/l
RT: 2.630 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043677.D
Acq: 12 May 2021 15:08

Tgt Ion: 43 Resp: 11379
Ion Ratio Lower Upper
43 100
58 27.5 21.7 32.5





#25

2-Butanone

Concen: 1.25 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.007 min

Lab File: VU043677.D

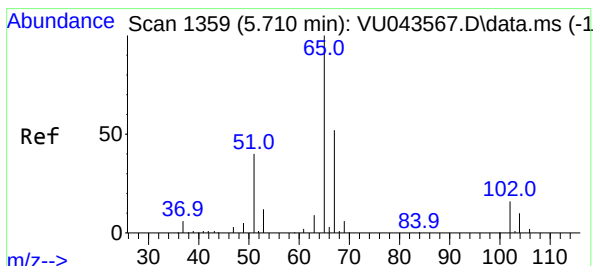
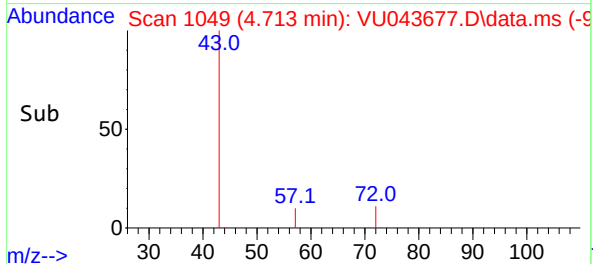
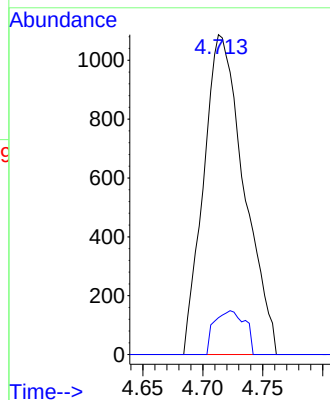
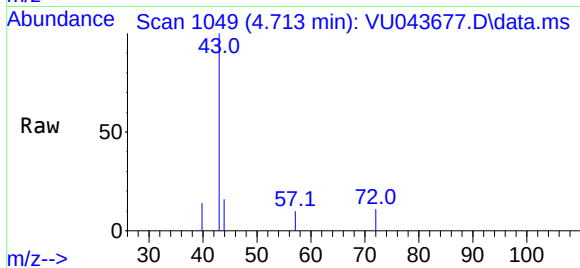
Acq: 12 May 2021 15:08

Tgt Ion: 43 Resp: 2545

Ion Ratio Lower Upper

43 100

72 11.5 16.5 24.7#



#33

1,2-Dichloroethane-d4

Concen: 52.09 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043677.D

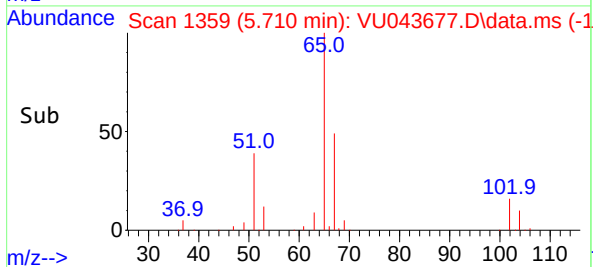
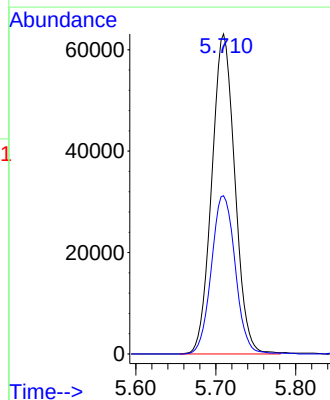
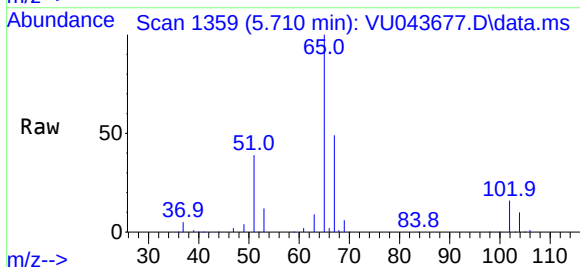
Acq: 12 May 2021 15:08

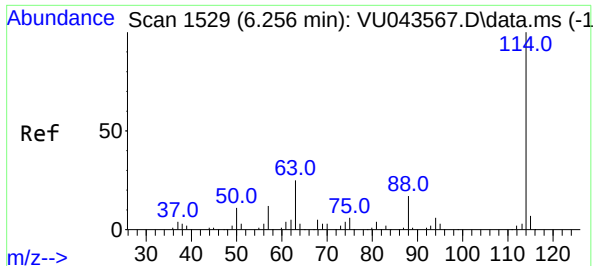
Tgt Ion: 65 Resp: 126639

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043677.D

Acq: 12 May 2021 15:08

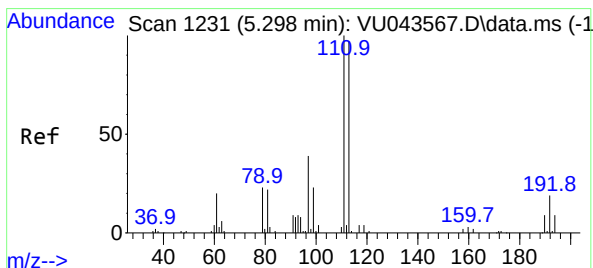
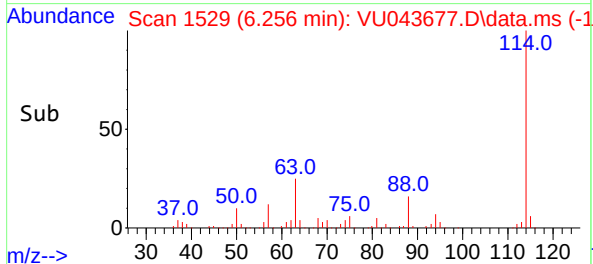
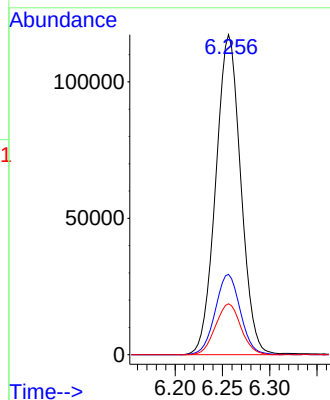
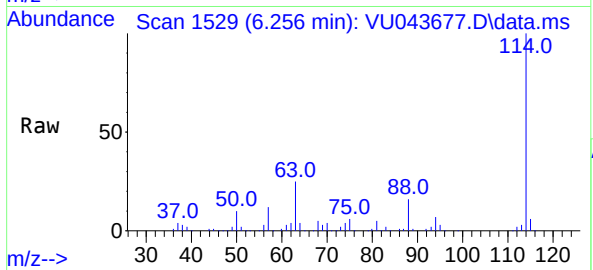
Tgt Ion:114 Resp: 215684

Ion Ratio Lower Upper

114 100

63 25.1 0.0 50.2

88 15.9 0.0 33.8



#35

Dibromofluoromethane

Concen: 48.91 ug/l

RT: 5.298 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VU043677.D

Acq: 12 May 2021 15:08

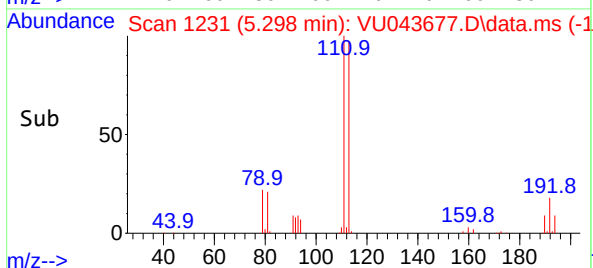
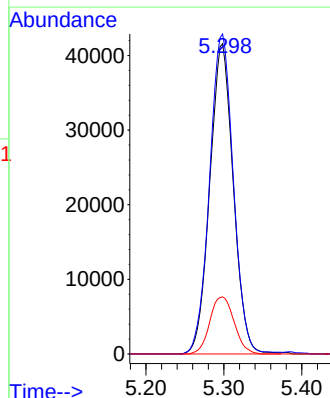
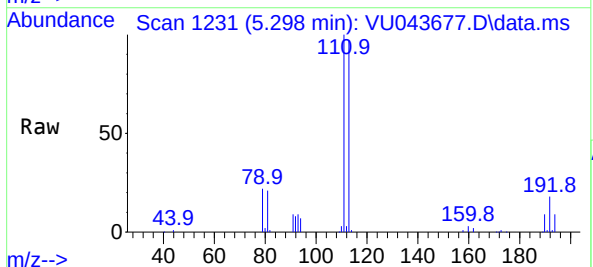
Tgt Ion:113 Resp: 87056

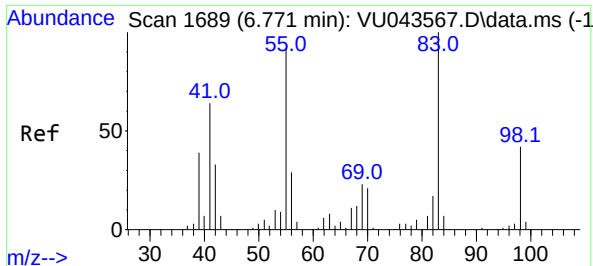
Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

192 19.1 15.8 23.6





#39

Methylcyclohexane

Concen: 5.85 ug/l

RT: 6.768 min Scan# 1688

Delta R.T. -0.003 min

Lab File: VU043677.D

Acq: 12 May 2021 15:08

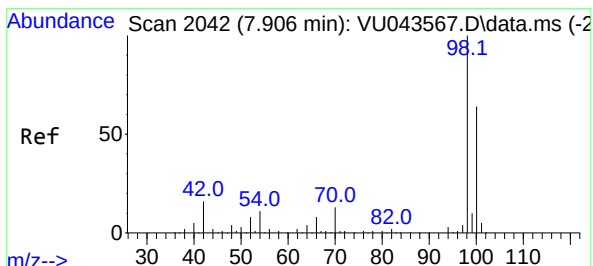
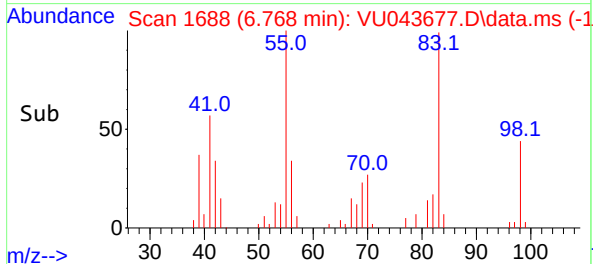
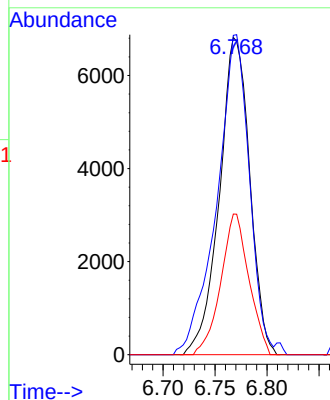
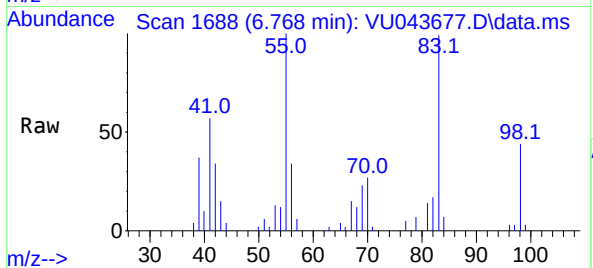
Tgt Ion: 83 Resp: 13848

Ion Ratio Lower Upper

83 100

55 98.4 73.7 110.5

98 44.3 34.0 51.0



#50

Toluene-d8

Concen: 52.56 ug/l

RT: 7.903 min Scan# 2041

Delta R.T. -0.003 min

Lab File: VU043677.D

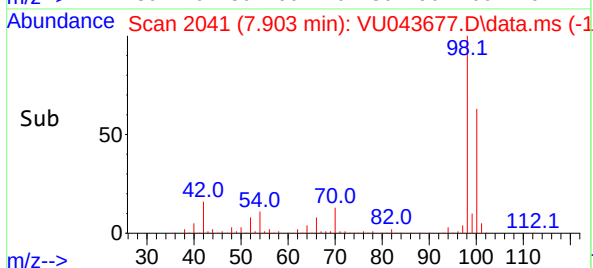
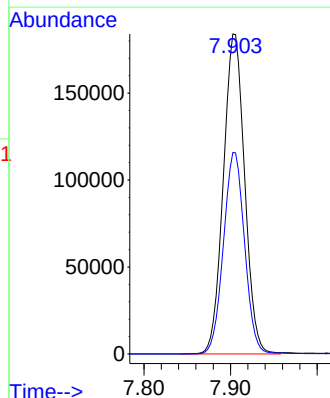
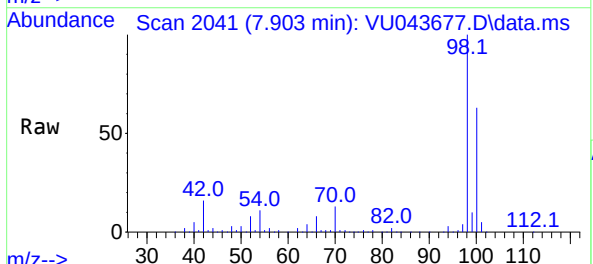
Acq: 12 May 2021 15:08

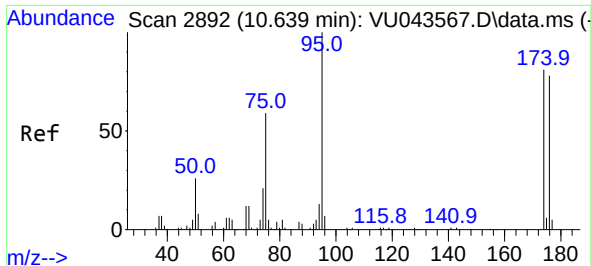
Tgt Ion: 98 Resp: 314829

Ion Ratio Lower Upper

98 100

100 62.5 50.5 75.7

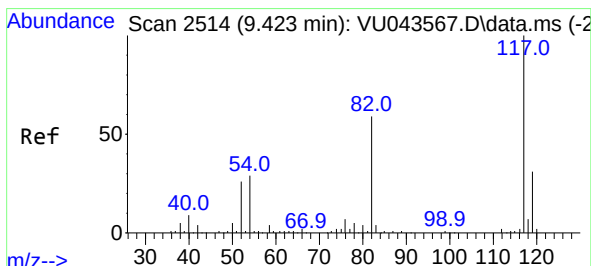
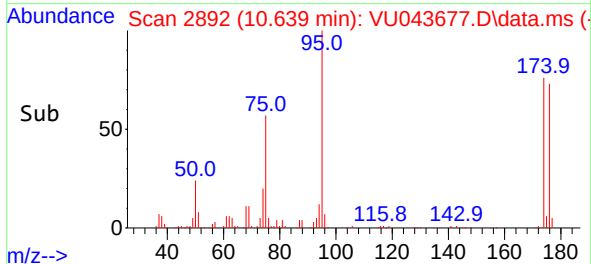
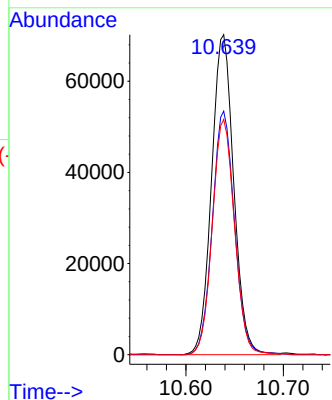
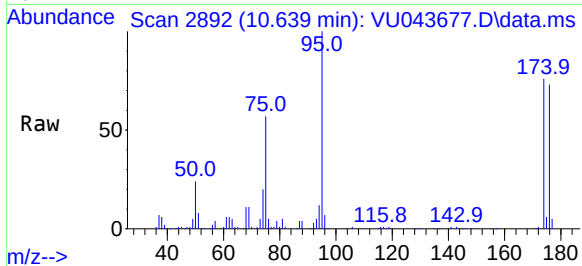




#62
4-Bromofluorobenzene
Concen: 47.60 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043677.D
Acq: 12 May 2021 15:08

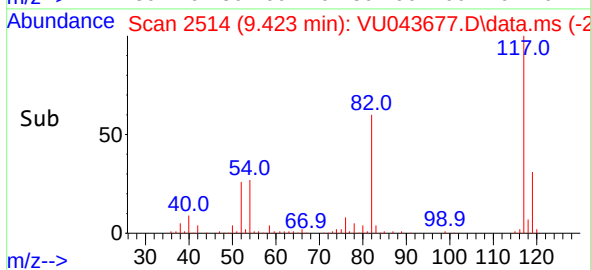
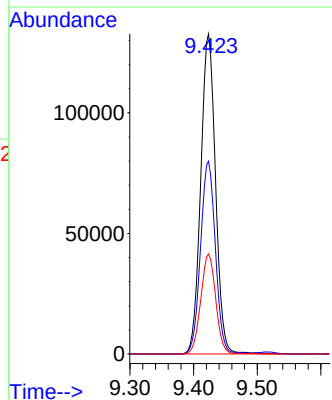
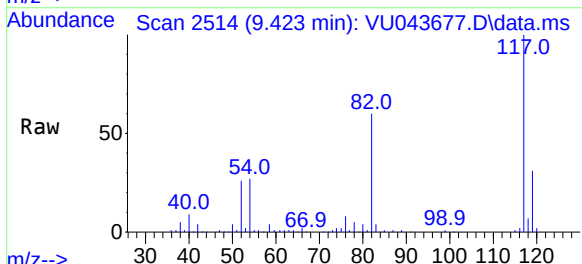
Instrument :
MSVOA_U
ClientSampleId :
W-6

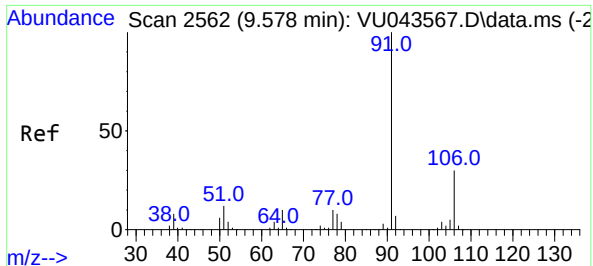
Tgt Ion: 95 Resp: 111099
Ion Ratio Lower Upper
95 100
174 76.0 0.0 158.8
176 73.5 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043677.D
Acq: 12 May 2021 15:08

Tgt Ion: 117 Resp: 214836
Ion Ratio Lower Upper
117 100
82 60.3 47.5 71.3
119 31.3 24.7 37.1





#67

Ethyl Benzene

Concen: 1.56 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. -0.003 min

Lab File: VU043677.D

Acq: 12 May 2021 15:08

Tgt Ion: 91 Resp: 1096

Ion Ratio Lower Upper

91 100

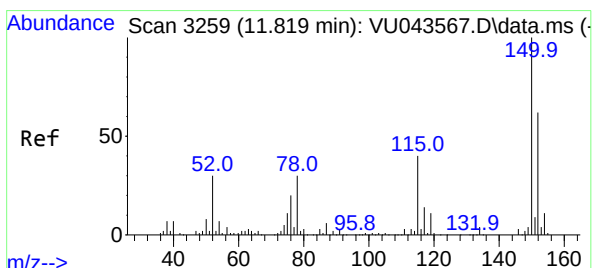
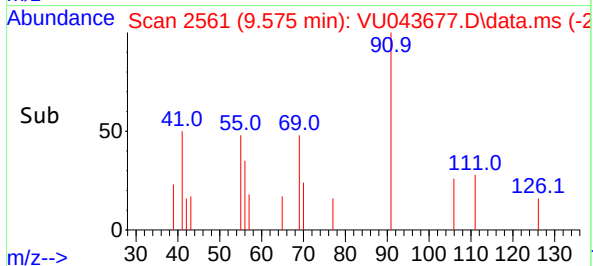
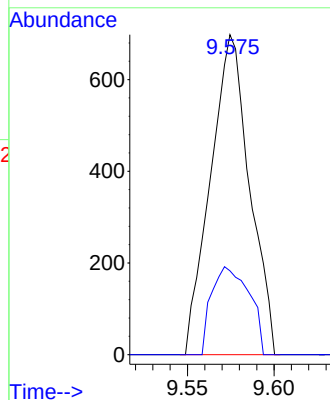
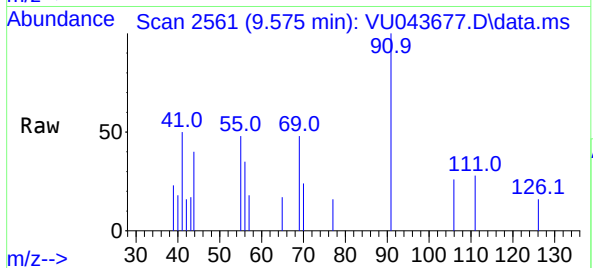
106 26.2 24.0 36.0

Instrument :

MSVOA_U

ClientSampleId :

W-6



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. -0.003 min

Lab File: VU043677.D

Acq: 12 May 2021 15:08

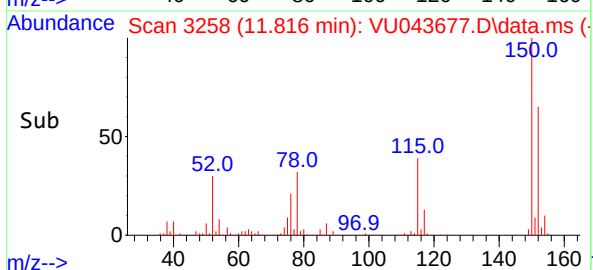
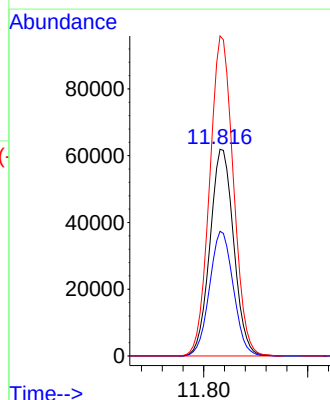
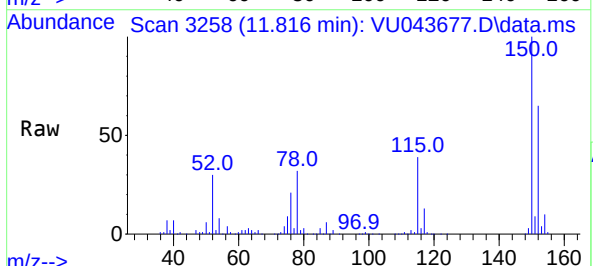
Tgt Ion: 152 Resp: 98367

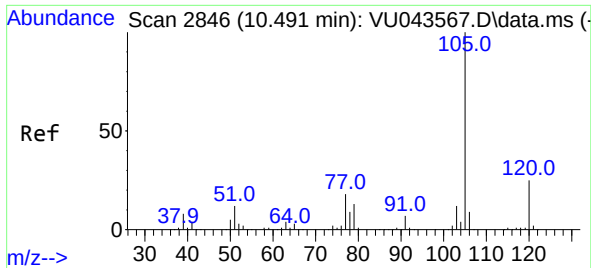
Ion Ratio Lower Upper

152 100

115 60.4 46.1 138.3

150 154.6 0.0 361.0

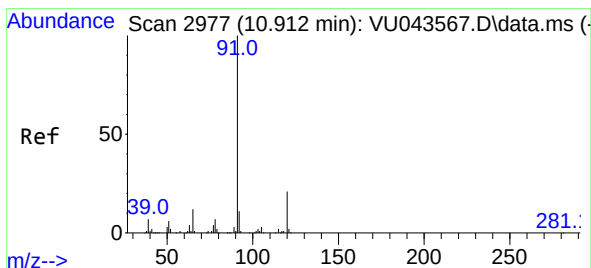
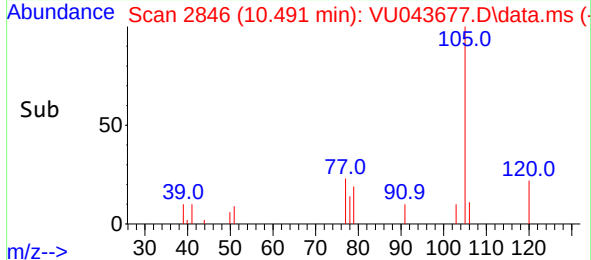
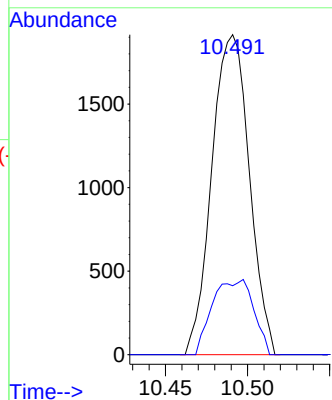
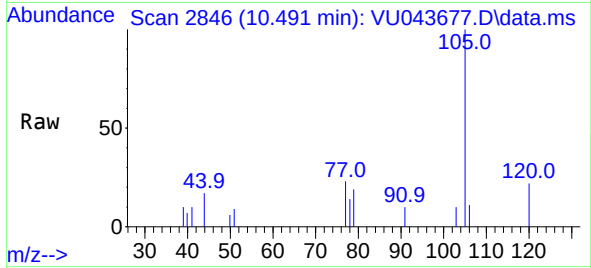




#73
Isopropylbenzene
Concen: 0.43 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043677.D
Acq: 12 May 2021 15:08

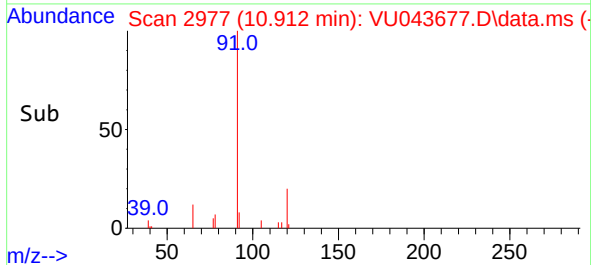
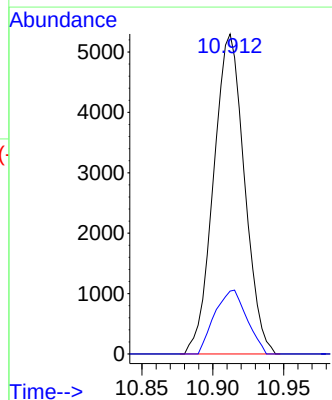
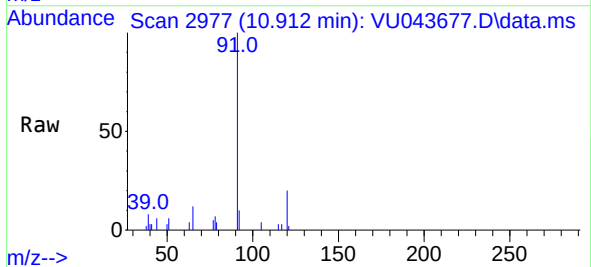
Instrument :
MSVOA_U
ClientSampled :
W-6

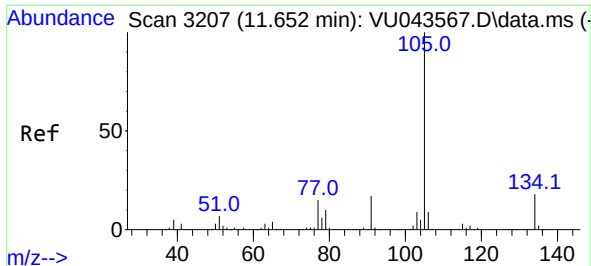
Tgt Ion:105 Resp: 3043
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.6



#78
n-propylbenzene
Concen: 0.93 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043677.D
Acq: 12 May 2021 15:08

Tgt Ion: 91 Resp: 8024
Ion Ratio Lower Upper
91 100
120 20.7 10.4 31.2

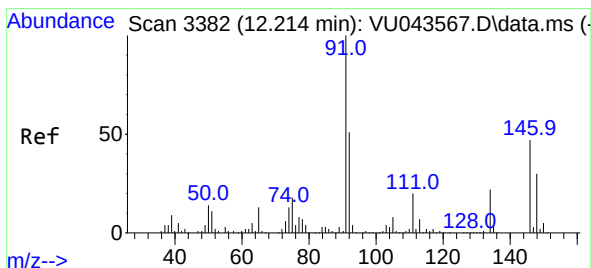
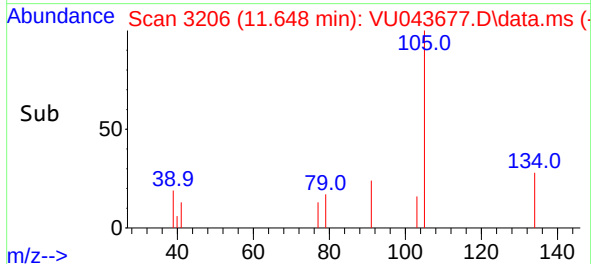
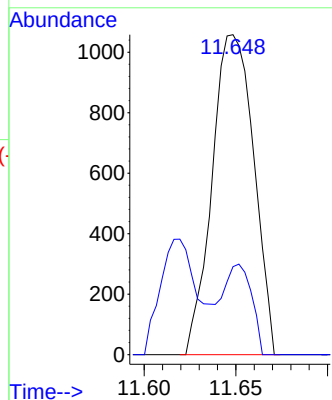
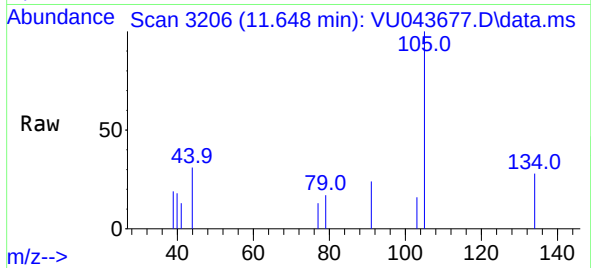




#85
 sec-Butylbenzene
 Concen: 1.54 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. -0.004 min
 Lab File: VU043677.D
 Acq: 12 May 2021 15:08

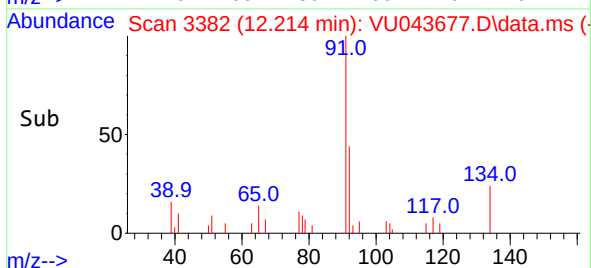
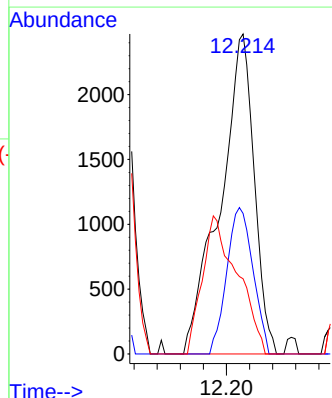
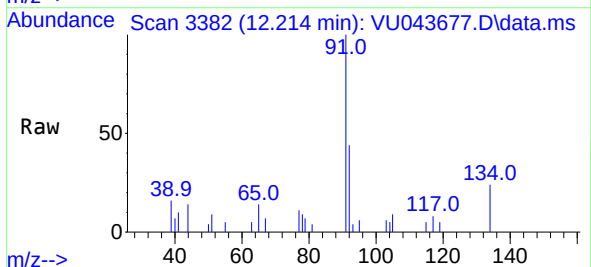
Instrument :
 MSVOA_U
 ClientSampled :
 W-6

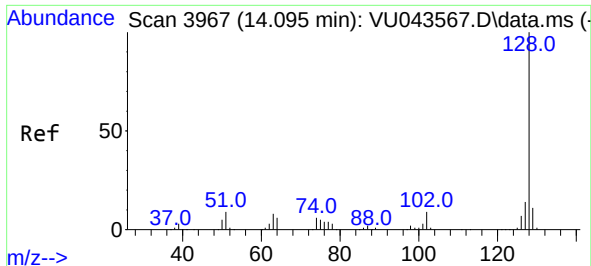
Tgt Ion:105 Resp: 1672
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.2 27.6



#89
 n-Butylbenzene
 Concen: 3.24 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU043677.D
 Acq: 12 May 2021 15:08

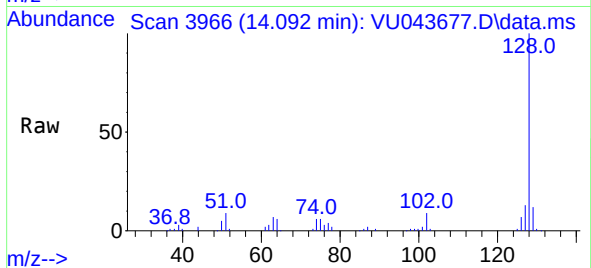
Tgt Ion: 91 Resp: 5042
 Ion Ratio Lower Upper
 91 100
 92 35.4 25.4 76.2
 134 0.0 11.3 33.9#





#95
Naphthalene
Concen: 6.82 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VU043677.D
Acq: 12 May 2021 15:08

Instrument :
MSVOA_U
ClientSampleId :
W-6



Tgt Ion:	128	Resp:	45575
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	12.0	8.6	12.8

