

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028747.D
 Acq On : 18 Dec 2018 02:46
 Operator : MD/SY
 Sample : J6413-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

Quant Time: Dec 18 08:26:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	79577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	141856	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	127228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50049	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		5.31	65	64754	53.32	ug/l	0.00
Spiked Amount	50.000			Recovery	=	106.64%	
35) Dibromofluoromethane		4.88	113	47906	53.66	ug/l	0.00
Spiked Amount	50.000			Recovery	=	107.32%	
50) Toluene-d8		7.57	98	184653	52.29	ug/l	0.00
Spiked Amount	50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene		10.31	95	59599	45.15	ug/l	0.00
Spiked Amount	50.000			Recovery	=	90.30%	

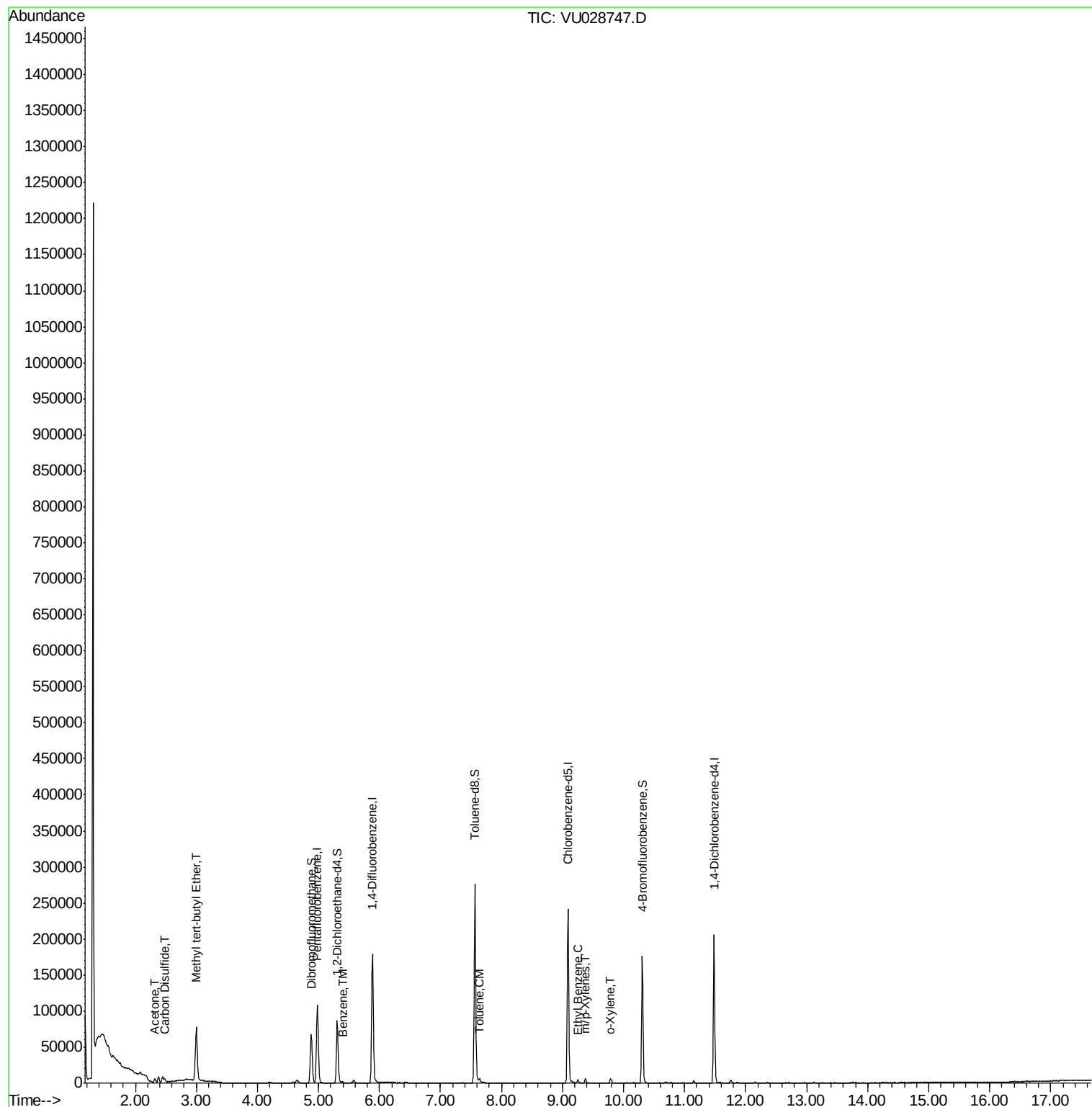
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	5564	7.021	ug/l	96
17) Carbon Disulfide	2.48	76	6622	2.075	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	73537	21.894	ug/l	100
40) Benzene	5.39	78	2060	0.451	ug/l	96
52) Toluene	7.64	92	2067	0.768	ug/l	99
67) Ethyl Benzene	9.25	91	3295	0.661	ug/l	91
68) m/p-Xylenes	9.37	106	1881	1.037	ug/l	95
69) o-Xylene	9.78	106	1057	0.600	ug/l	92

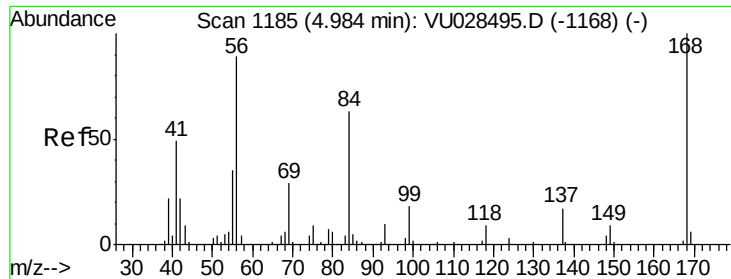
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028747.D

Acq: 18 Dec 2018 02:46

Instrument :

MSVOA_U

ClientSampleId :

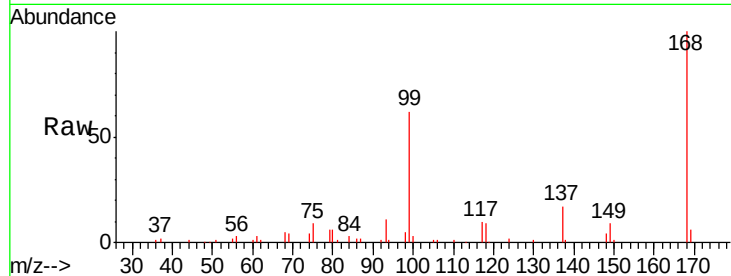
MW-8

Tgt Ion:168 Resp: 79577

Ion Ratio Lower Upper

168 100

99 61.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

40000

30000

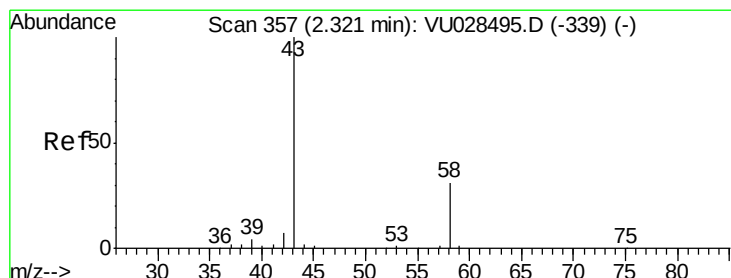
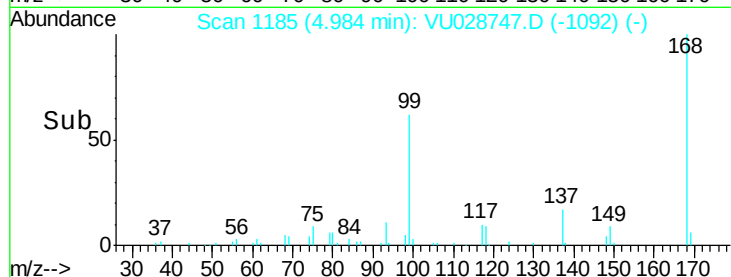
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 7.021 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028747.D

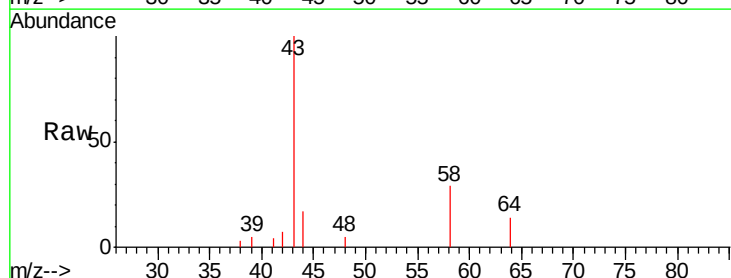
Acq: 18 Dec 2018 02:46

Tgt Ion: 43 Resp: 5564

Ion Ratio Lower Upper

43 100

58 28.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-339) (-)

2.32

4000

3000

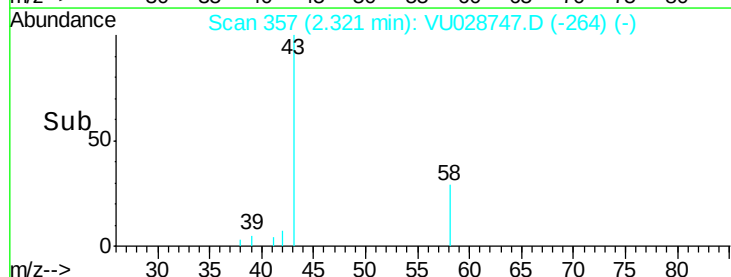
2000

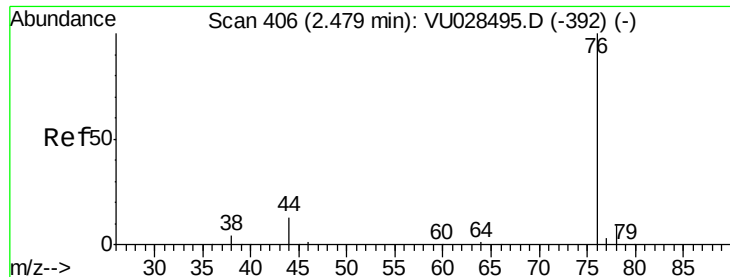
1000

0

2.25 2.30 2.35

Time-->

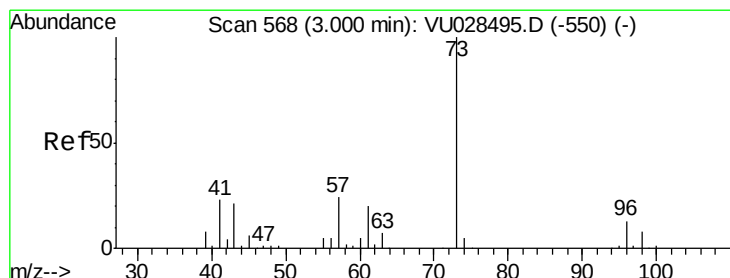
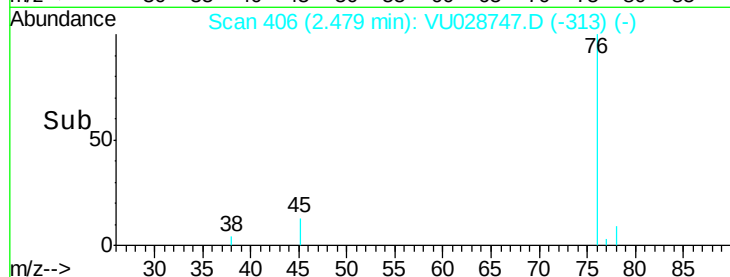
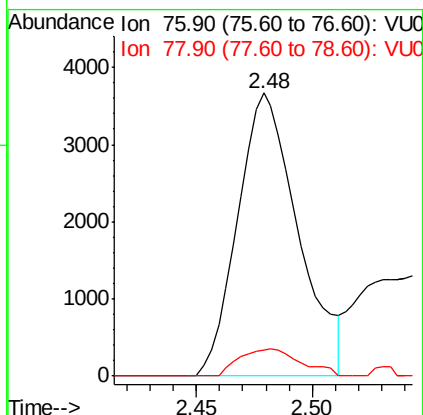
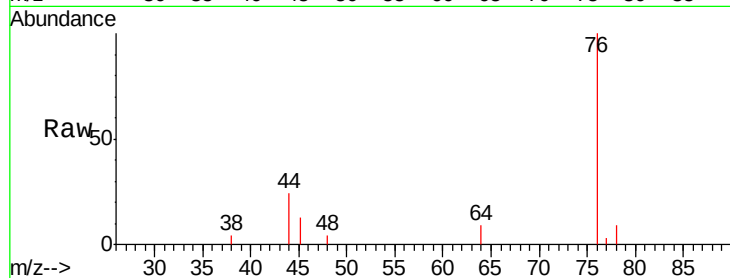




#17
Carbon Disulfide
Concen: 2.075 ug/l
RT: 2.48 min Scan# 406
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

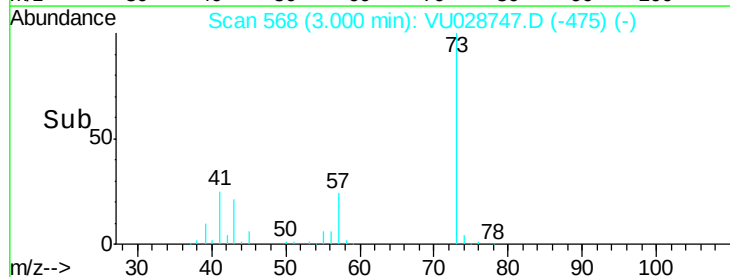
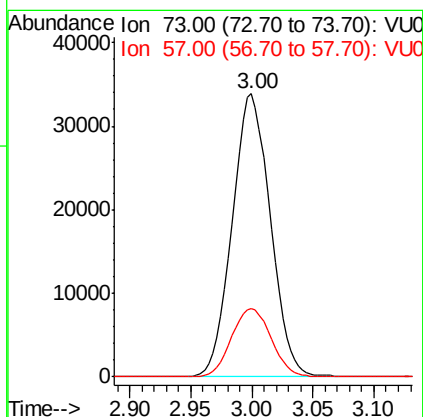
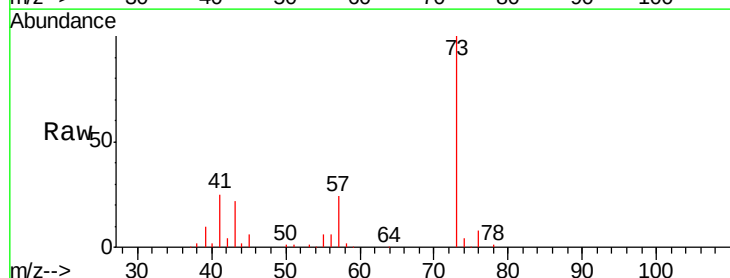
Instrument :
MSVOA_U
ClientSampled :
MW-8

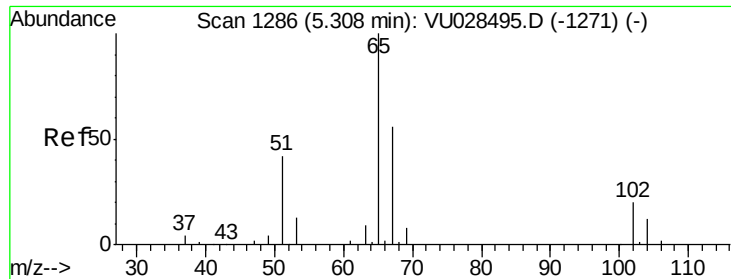
Tgt Ion: 76 Resp: 6622
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 21.894 ug/l
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 73 Resp: 73537
Ion Ratio Lower Upper
73 100
57 24.2 19.4 29.2

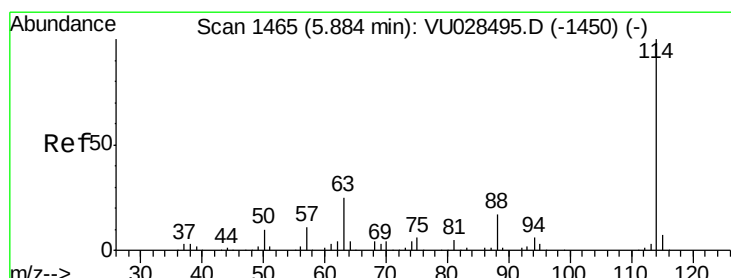
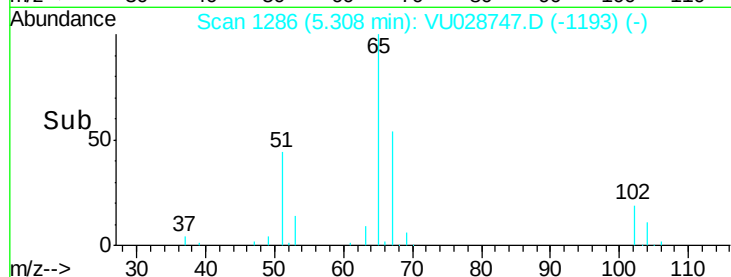
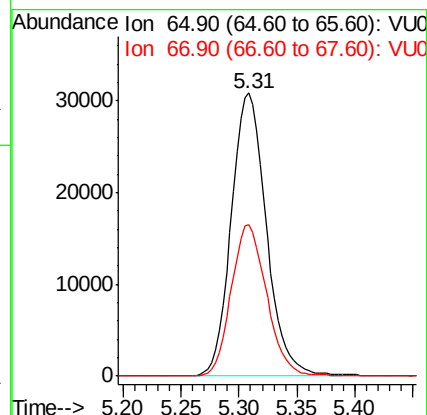
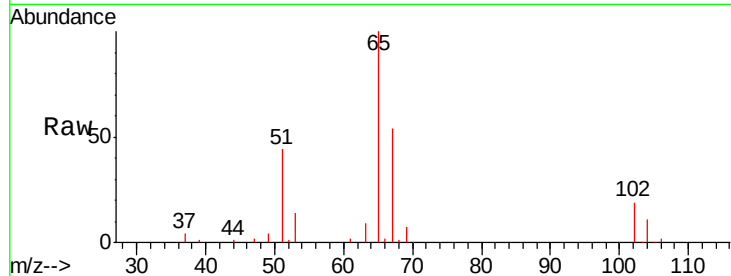




#33
 1,2-Dichloroethane-d4
 Concen: 53.322 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028747.D
 Acq: 18 Dec 2018 02:46

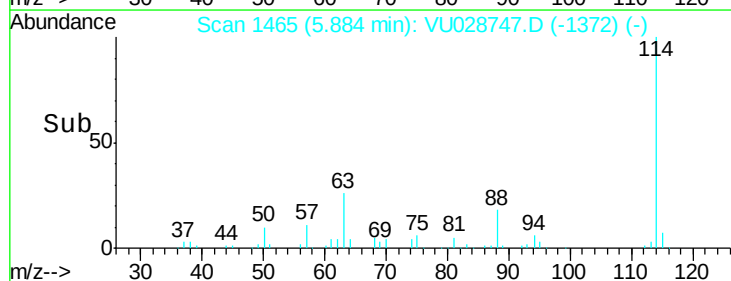
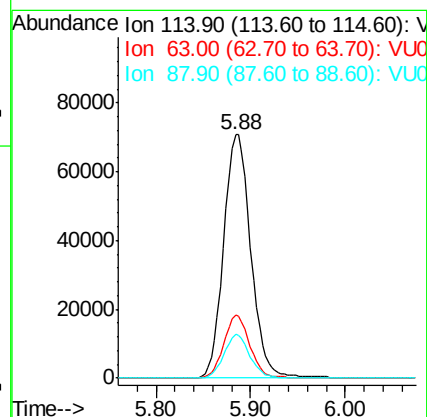
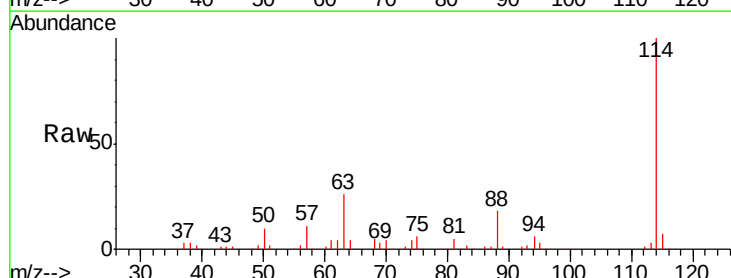
Instrument :
 MSVOA_U
 ClientSampleId :
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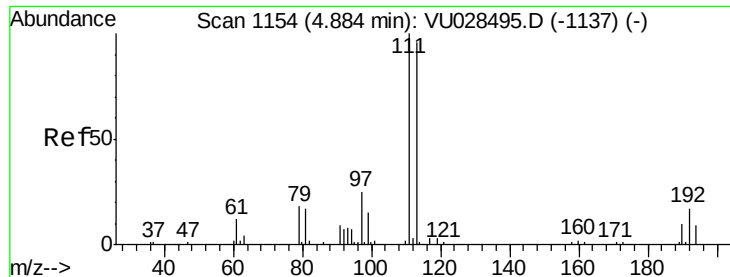
Tgt Ion: 65 Resp: 64754
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028747.D
 Acq: 18 Dec 2018 02:46

Tgt Ion: 114 Resp: 141856
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.2
 88 17.9 0.0 33.4

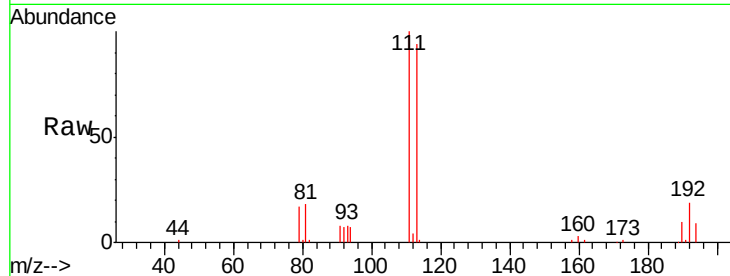




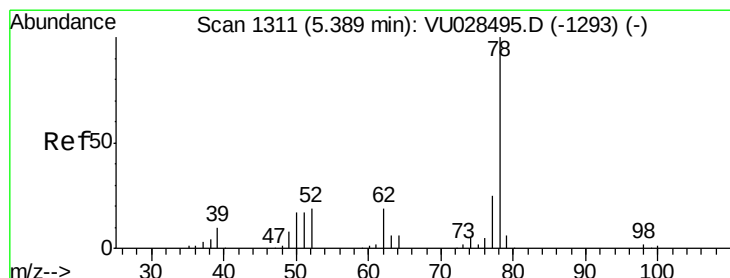
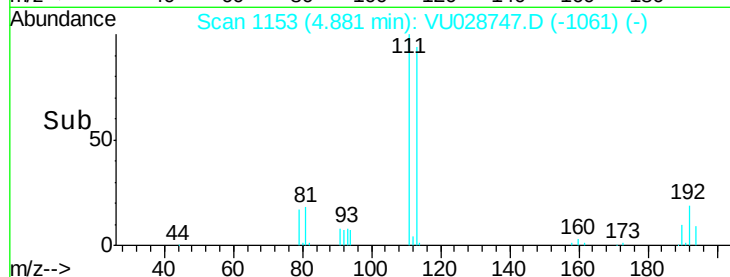
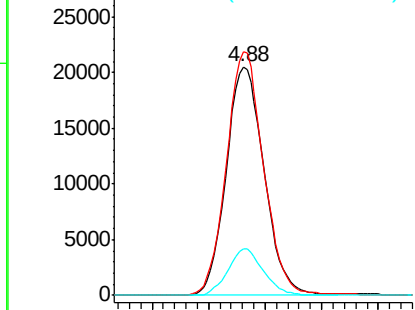
#35
 Dibromofluoromethane
 Concen: 53.664 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028747.D
 Acq: 18 Dec 2018 02:46

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-8

Tgt Ion: 113 Resp: 47906
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.0
 192 18.9 14.8 22.2

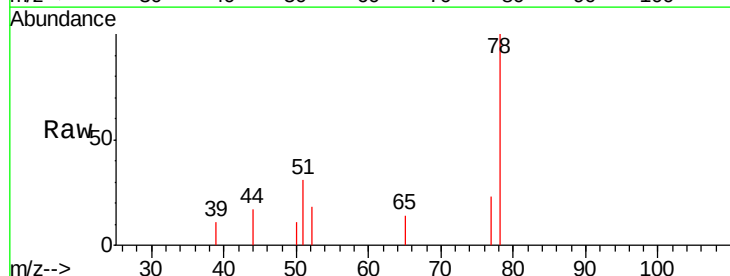


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

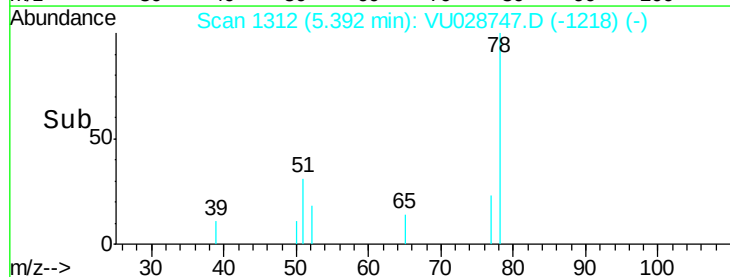
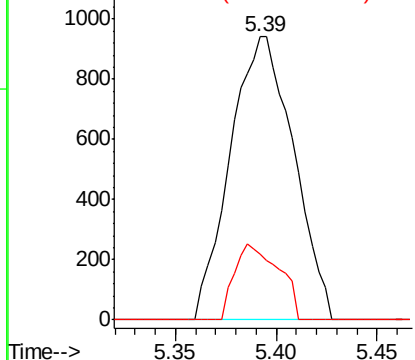


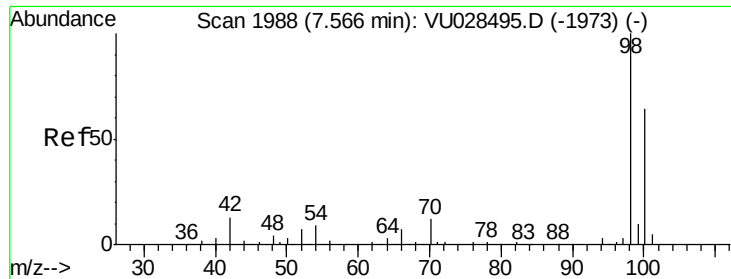
#40
 Benzene
 Concen: 0.451 ug/l
 RT: 5.39 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU028747.D
 Acq: 18 Dec 2018 02:46

Tgt Ion: 78 Resp: 2060
 Ion Ratio Lower Upper
 78 100
 77 23.1 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

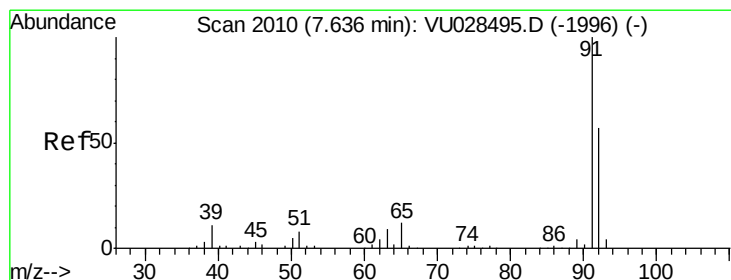
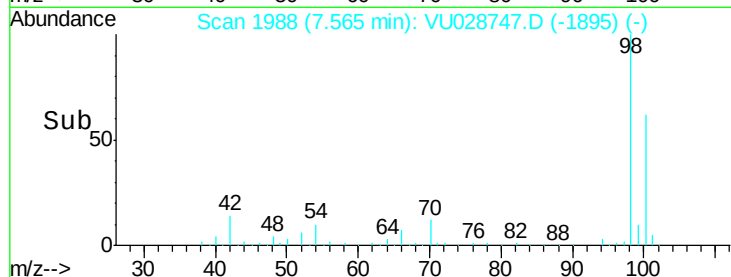
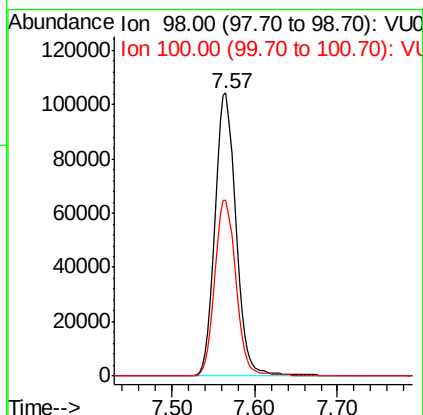
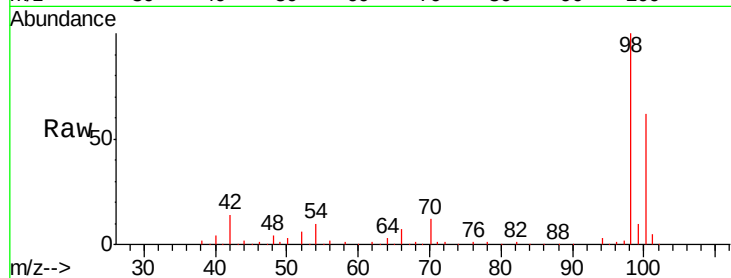




#50
Toluene-d8
Concen: 52.289 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

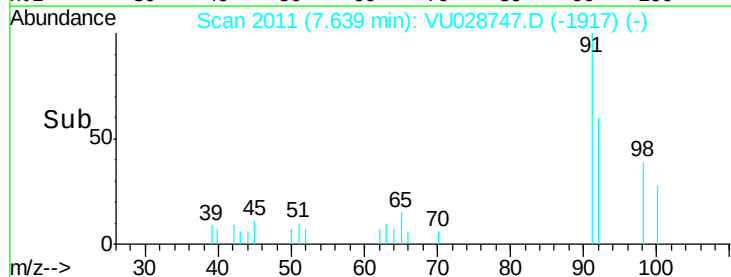
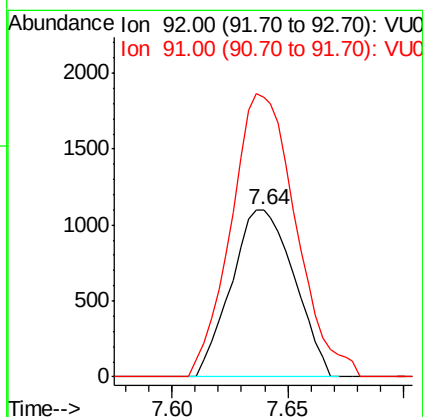
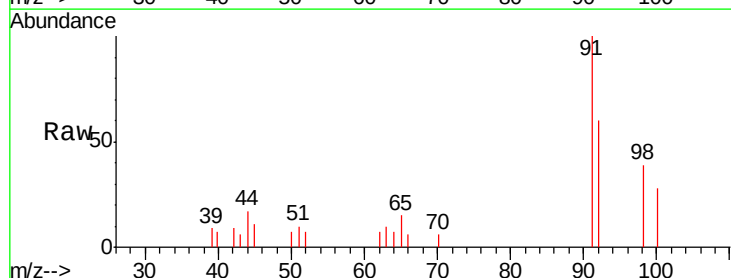
Instrument :
MSVOA_U
ClientSampleId :
MW-8

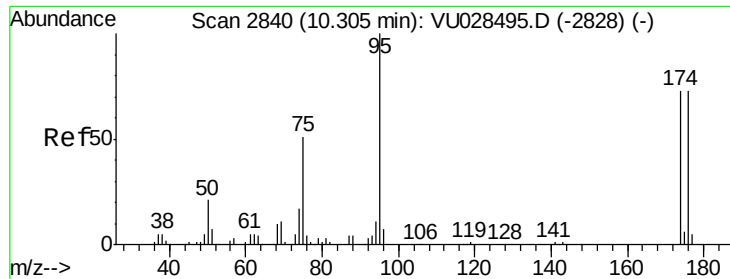
Tgt Ion: 98 Resp: 184653
Ion Ratio Lower Upper
98 100
100 62.5 51.0 76.6



#52
Toluene
Concen: 0.768 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 92 Resp: 2067
Ion Ratio Lower Upper
92 100
91 174.6 140.2 210.4





#62

4-Bromofluorobenzene

Concen: 45.154 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028747.D

Acq: 18 Dec 2018 02:46

Instrument :

MSVOA_U

ClientSampled :

MW-8

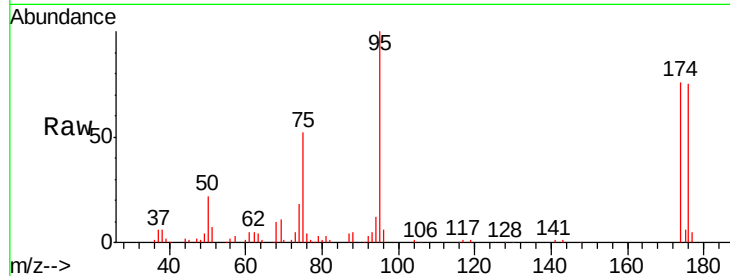
Tgt Ion: 95 Resp: 59599

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.4

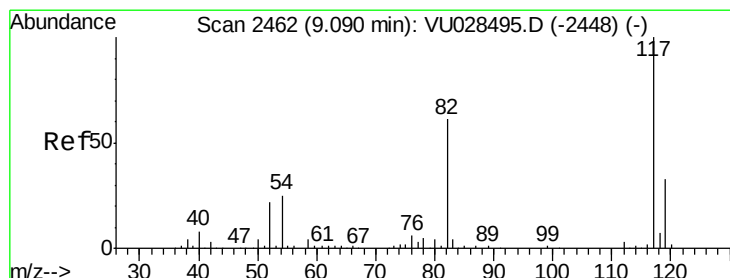
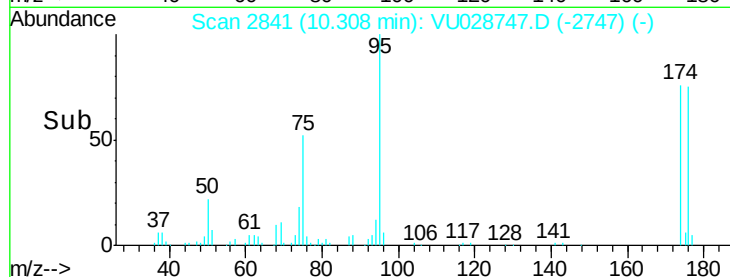
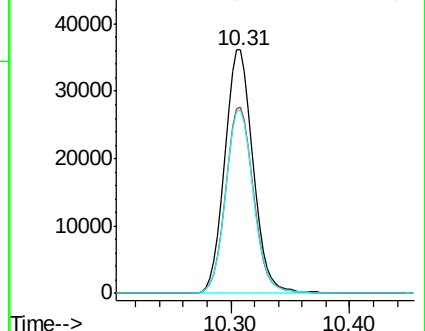
176 74.2 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028747.D

Acq: 18 Dec 2018 02:46

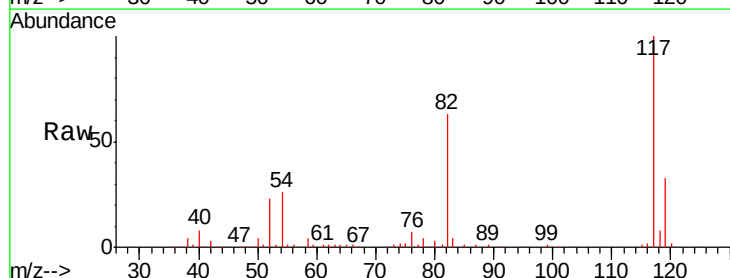
Tgt Ion: 117 Resp: 127228

Ion Ratio Lower Upper

117 100

82 62.8 48.9 73.3

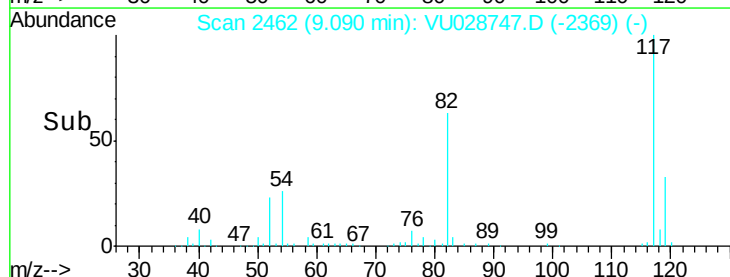
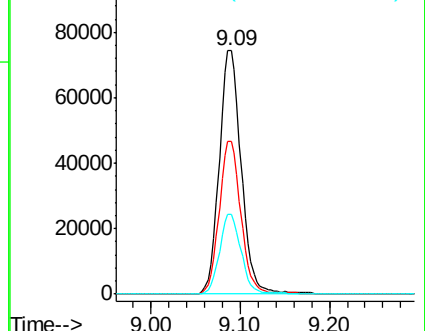
119 32.5 26.2 39.4

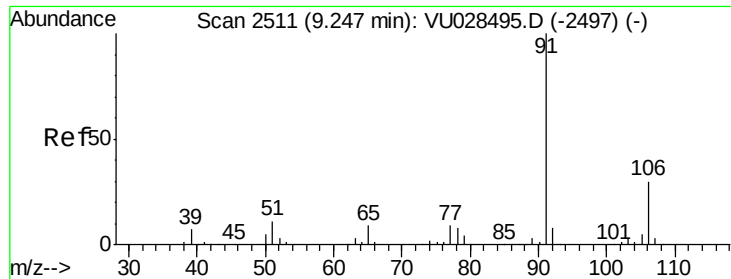


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)

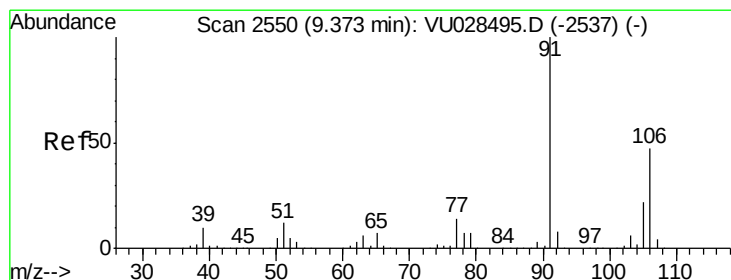
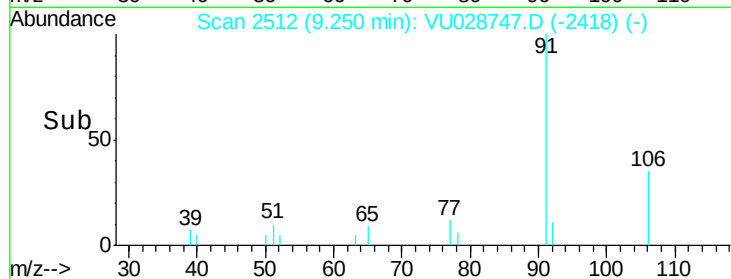
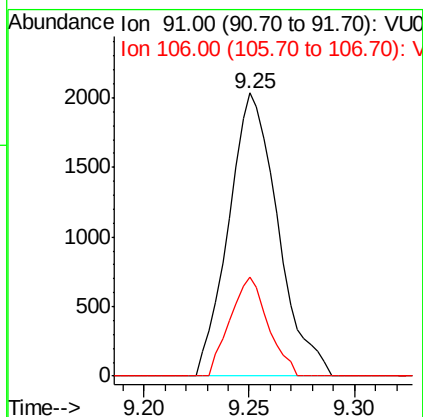
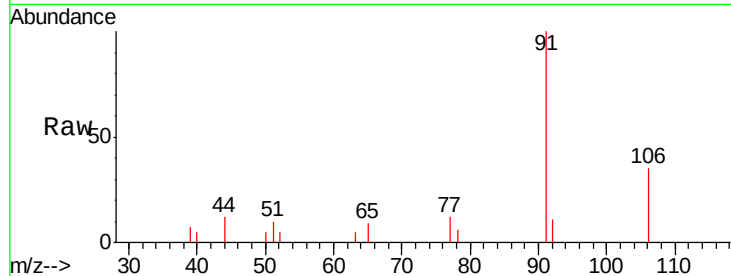




#67
Ethyl Benzene
Concen: 0.661 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

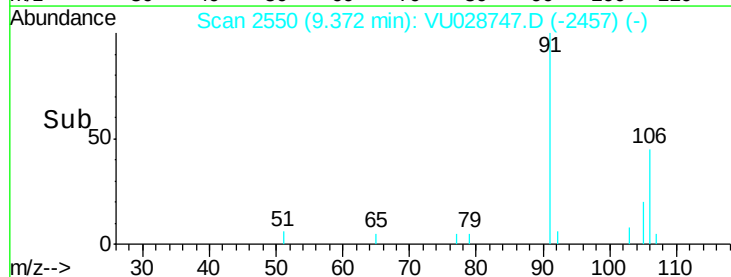
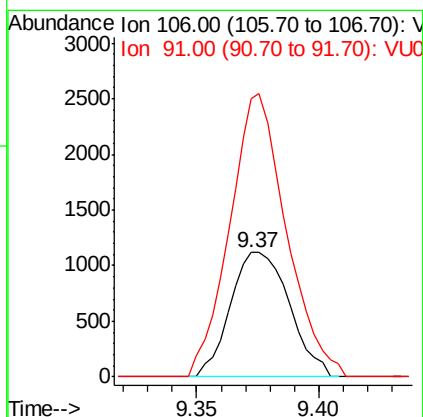
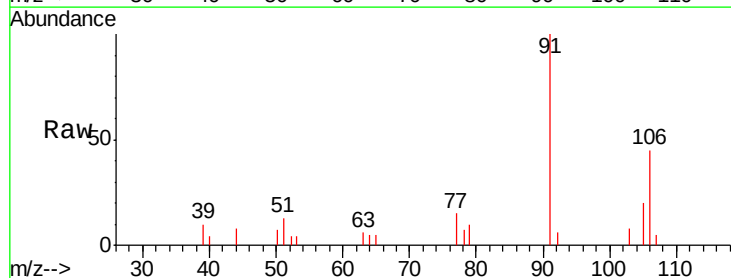
Instrument :
MSVOA_U
ClientSampleId :
MW-8

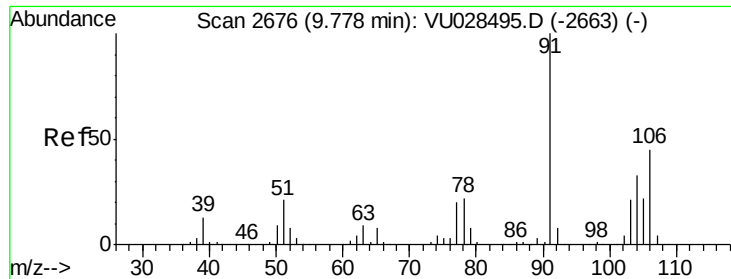
Tgt Ion: 91 Resp: 3295
Ion Ratio Lower Upper
91 100
106 35.0 24.1 36.1



#68
m/p-Xylenes
Concen: 1.037 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion: 106 Resp: 1881
Ion Ratio Lower Upper
106 100
91 217.3 167.4 251.0

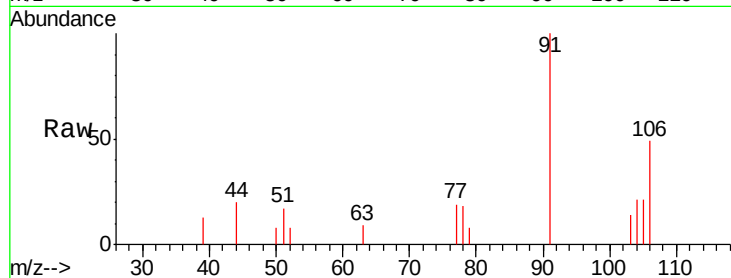




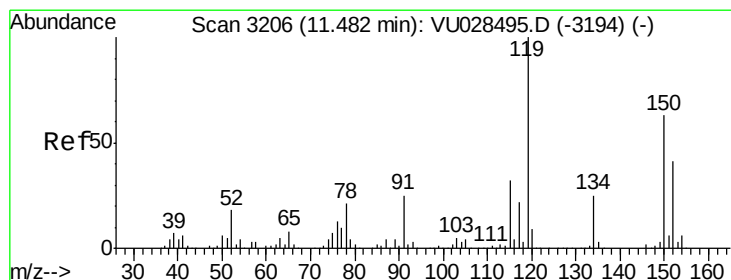
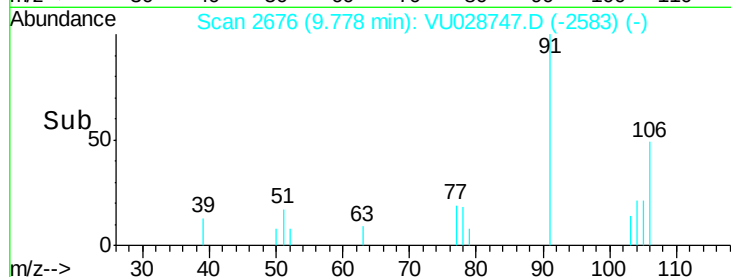
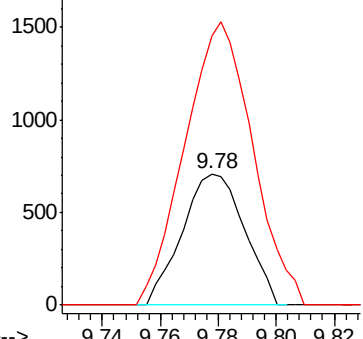
#69
o-Xylene
Concen: 0.600 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Instrument :
MSVOA_U
ClientSampleId :
MW-8

Tgt Ion:106 Resp: 1057
Ion Ratio Lower Upper
106 100
91 234.9 111.3 334.0

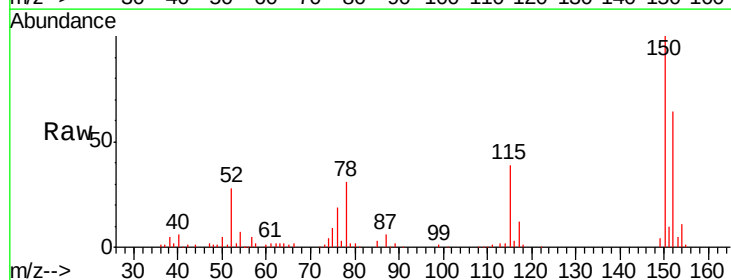


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028747.D
Acq: 18 Dec 2018 02:46

Tgt Ion:152 Resp: 50049
Ion Ratio Lower Upper
152 100
115 62.0 42.7 128.1
150 156.4 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

