

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100618\
 Data File : VU027463.D
 Acq On : 05 Oct 2018 19:10
 Operator : MD/SY
 Sample : J5232-03DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3DL

Quant Time: Oct 06 01:31:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	100489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	176747	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	166676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	92144	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	95455	56.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.78%	
35) Dibromofluoromethane	4.89	113	68543	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
50) Toluene-d8	7.57	98	267438	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
62) 4-Bromofluorobenzene	10.31	95	97206	57.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.38%	

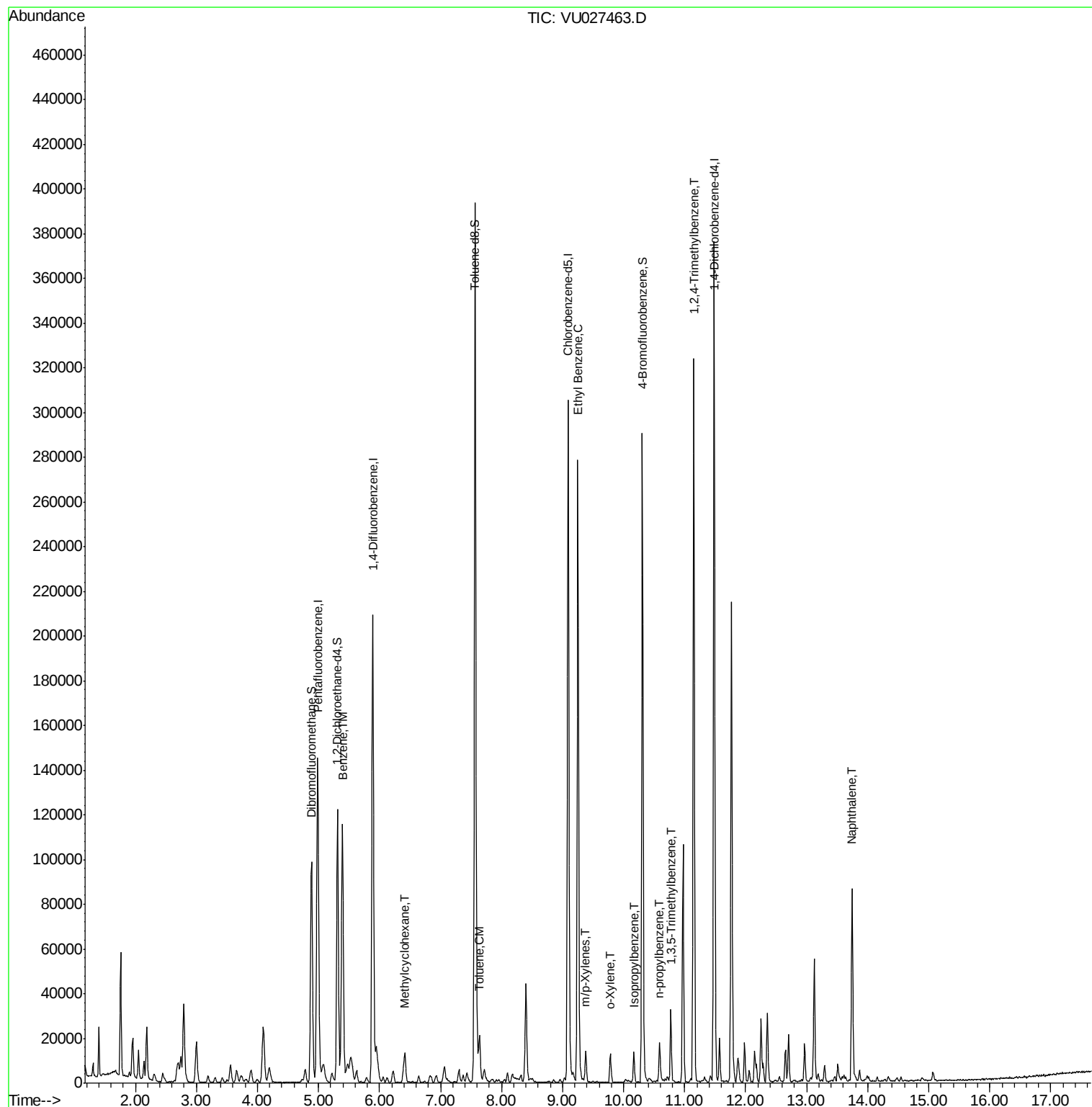
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	6.42	83	5223	2.328	ug/l	94
40) Benzene	5.39	78	112682	20.158	ug/l	99
52) Toluene	7.64	92	7918	2.393	ug/l	97
67) Ethyl Benzene	9.25	91	200497	32.255	ug/l	99
68) m/p-Xylenes	9.38	106	4058	1.785	ug/l	94
69) o-Xylene	9.78	106	3432	1.588	ug/l	96
73) Isopropylbenzene	10.17	105	8744	1.307	ug/l	98
78) n-propylbenzene	10.59	91	13588	1.690	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	16861	3.095	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	171536	30.821	ug/l	100
95) Naphthalene	13.75	128	70113	11.390	ug/l	100

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027463.D

Acq: 05 Oct 2018 19:10

Instrument :

MSVOA_U

ClientSampleId :

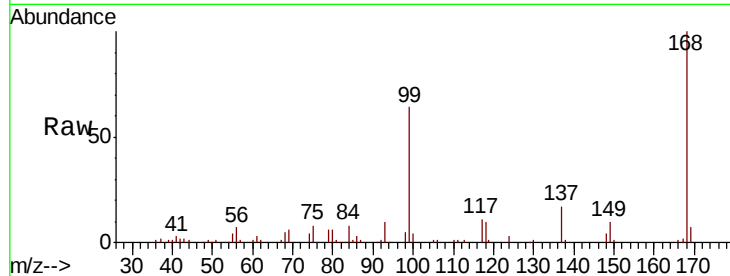
MW-3DL

Tot Ion:168 Resp: 100489

Ion Ratio Lower Upper

168 100

99 63.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

40000

30000

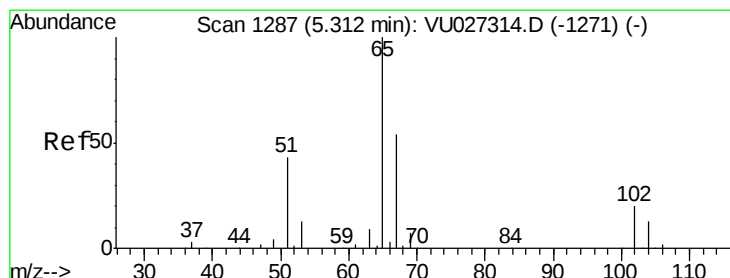
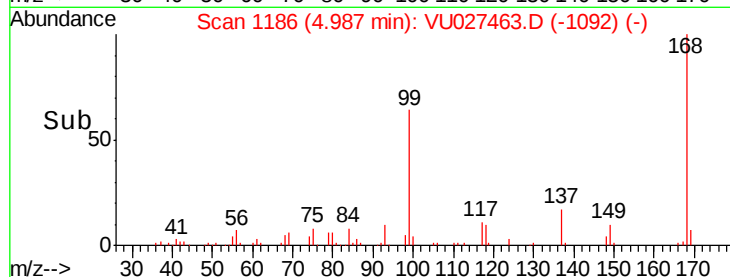
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.886 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027463.D

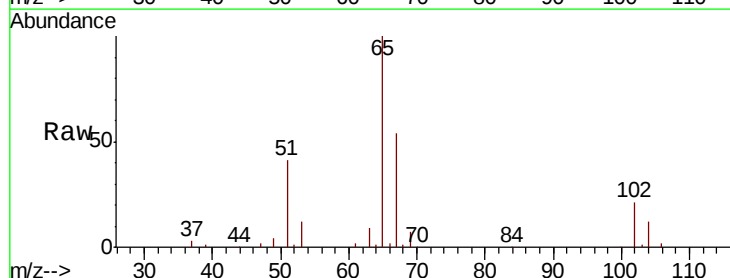
Acq: 05 Oct 2018 19:10

Tgt Ion: 65 Resp: 95455

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

50000

40000

30000

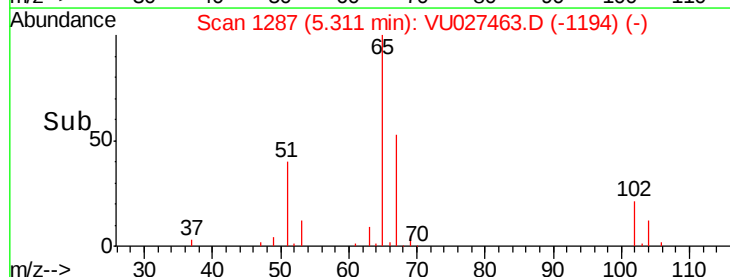
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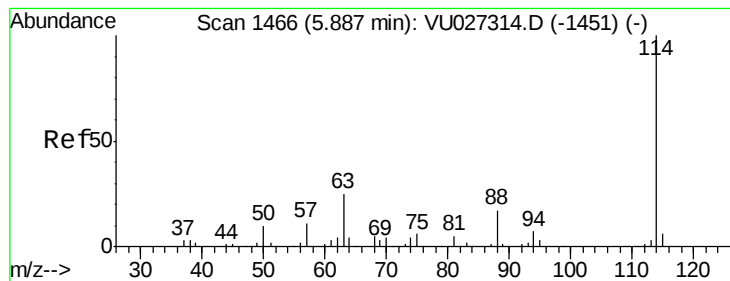
10000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027463.D

Acq: 05 Oct 2018 19:10

Instrument :

MSVOA_U

ClientSampled :

MW-3DL

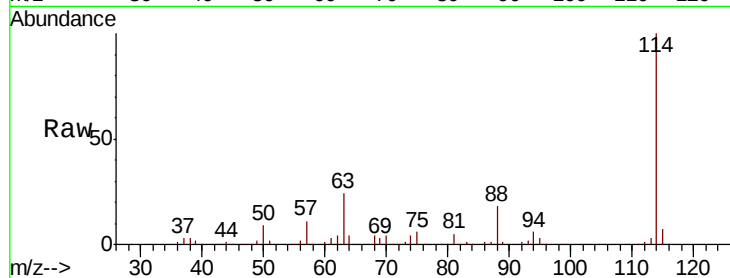
Tot Ion:114 Resp: 176747

Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.2

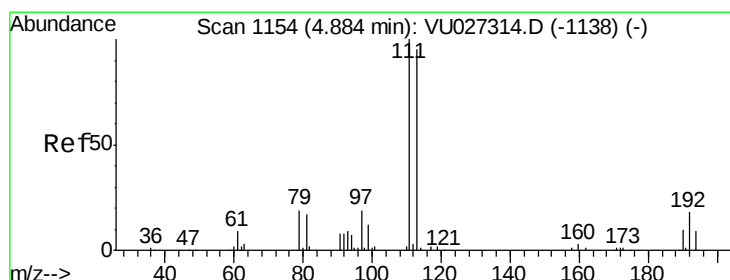
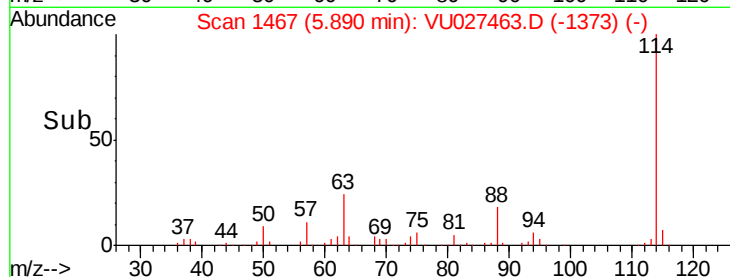
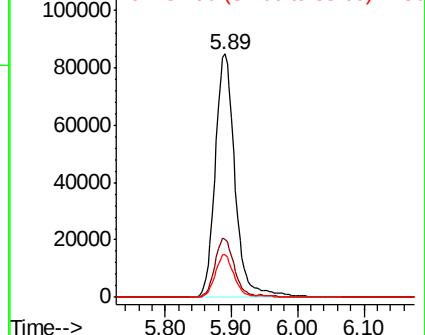
88 17.8 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 56.586 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027463.D

Acq: 05 Oct 2018 19:10

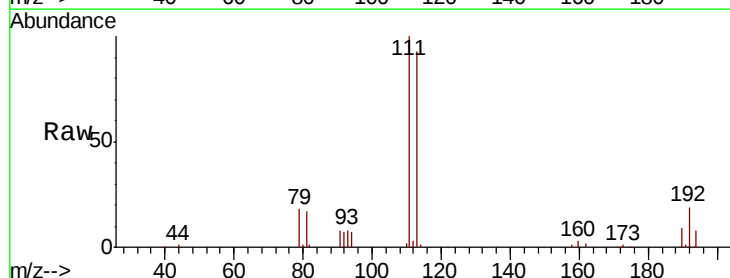
Tgt Ion:113 Resp: 68543

Ion Ratio Lower Upper

113 100

111 104.4 83.1 124.7

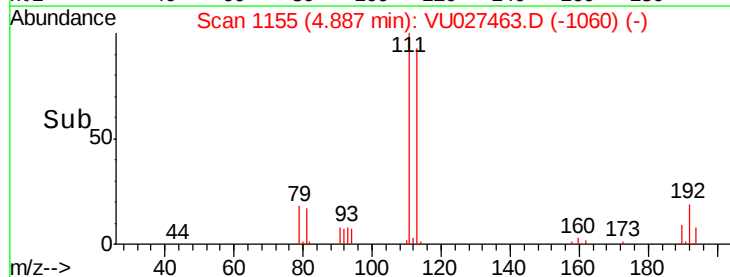
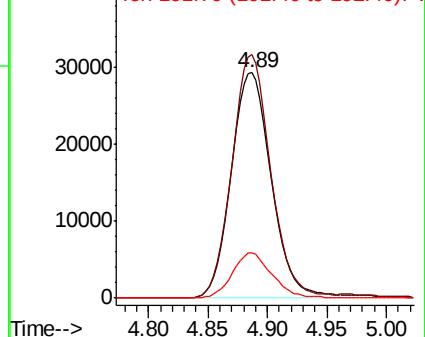
192 19.6 15.4 23.0

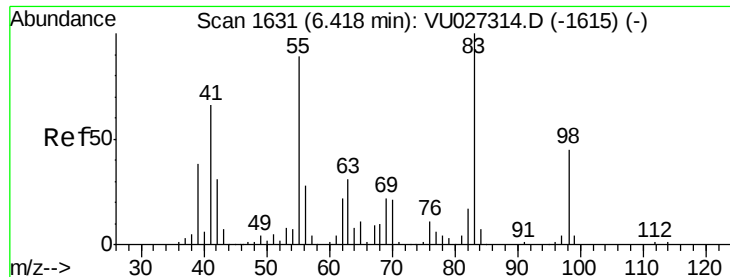


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

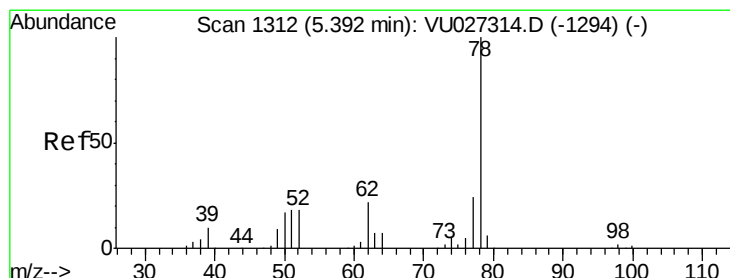
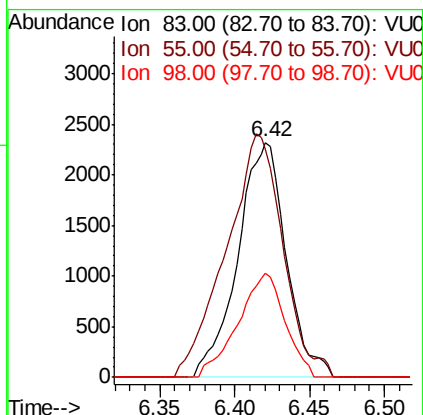
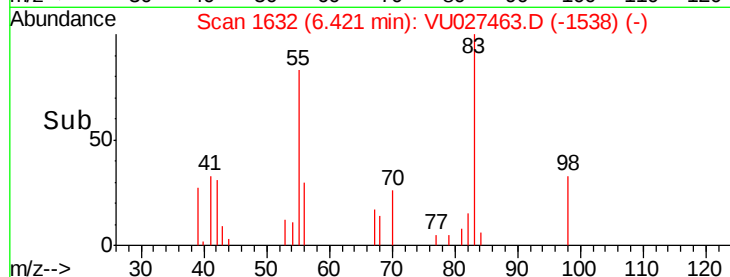
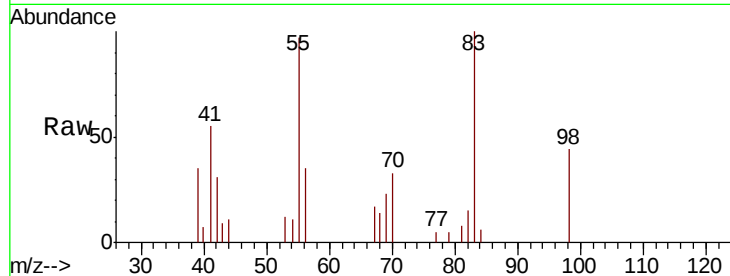




#39
Methvlcvclohexane
Concen: 2.328 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

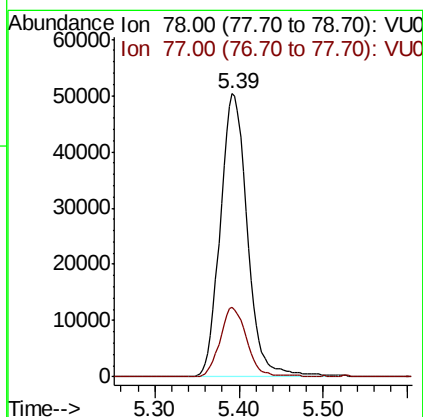
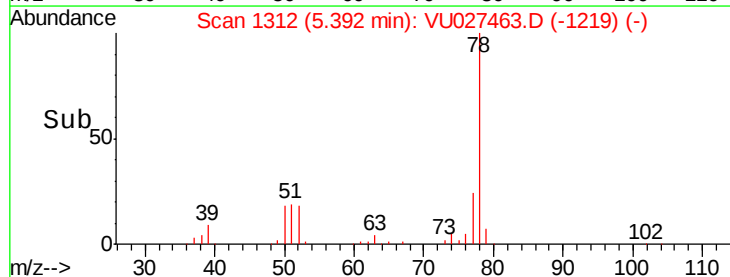
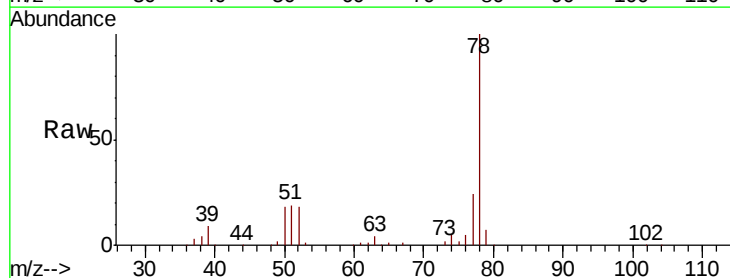
Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

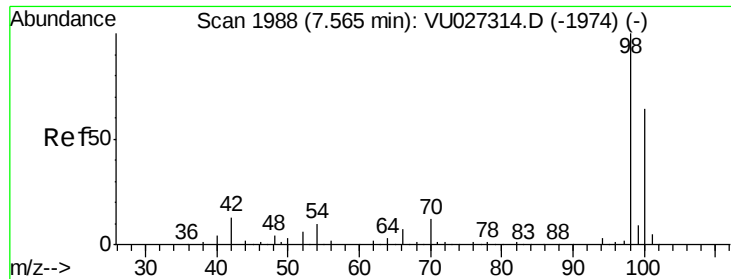
Tot Ion: 83 Resp: 5223
Ion Ratio Lower Upper
83 100
55 96.9 71.1 106.7
98 44.1 36.3 54.5



#40
Benzene
Concen: 20.158 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

Tgt Ion: 78 Resp: 112682
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

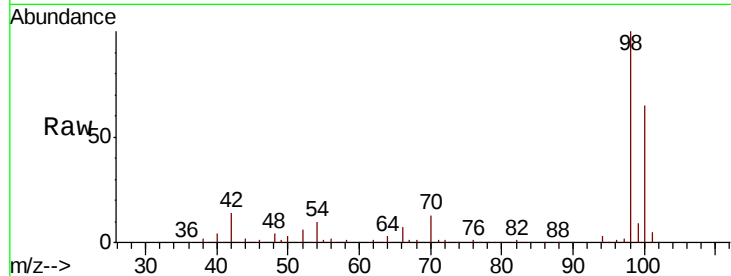




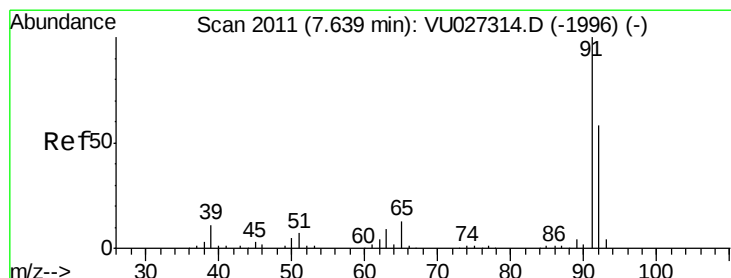
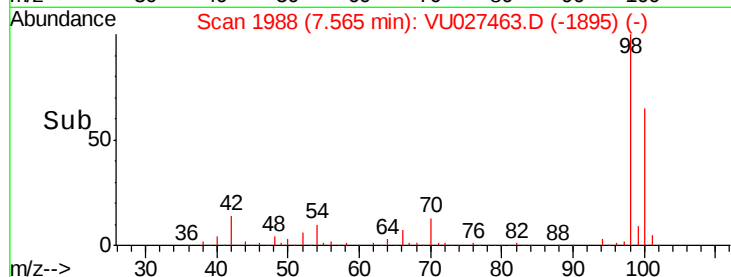
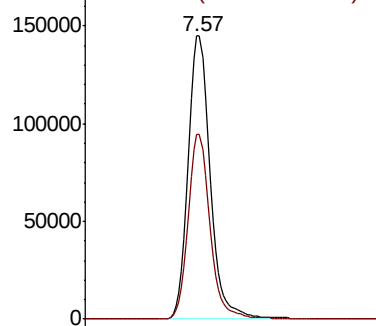
#50
Toluene-d8
Concen: 58.991 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

Tot Ion: 98 Resp: 267438
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

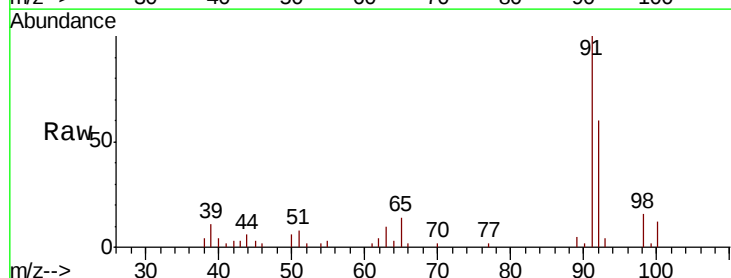


Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

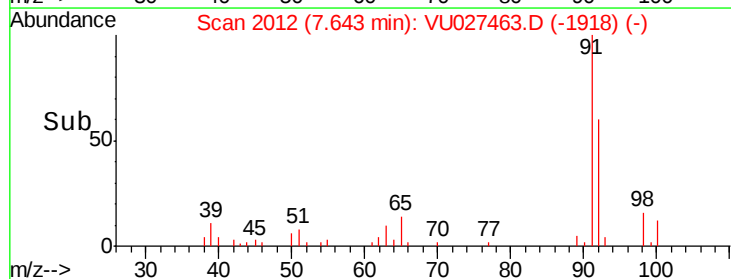
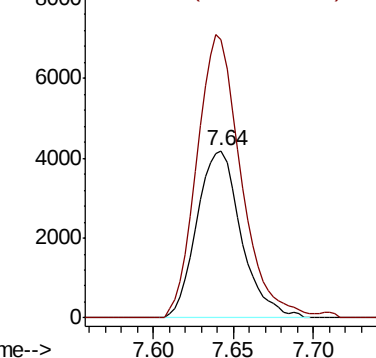


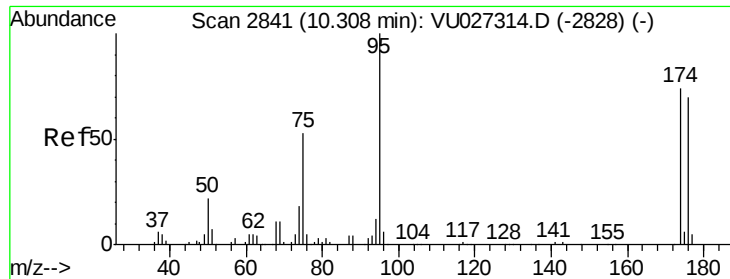
#52
Toluene
Concen: 2.393 ug/l
RT: 7.64 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

Tgt Ion: 92 Resp: 7918
Ion Ratio Lower Upper
92 100
91 168.7 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0
Ion 91.00 (90.70 to 91.70): VU0

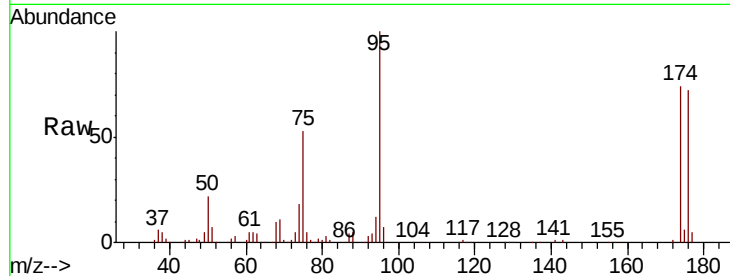




#62
4-Bromofluorobenzene
Concen: 57.695 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

Instrument :
MSVOA_U
ClientSampleId :
MW-3DL

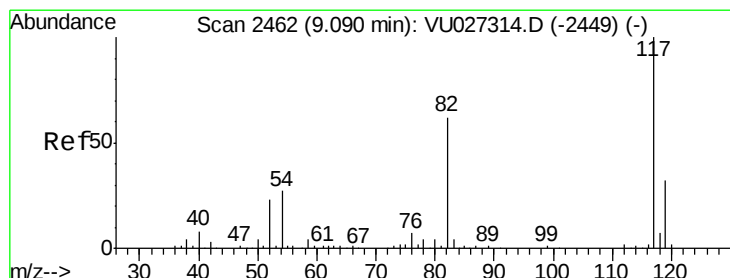
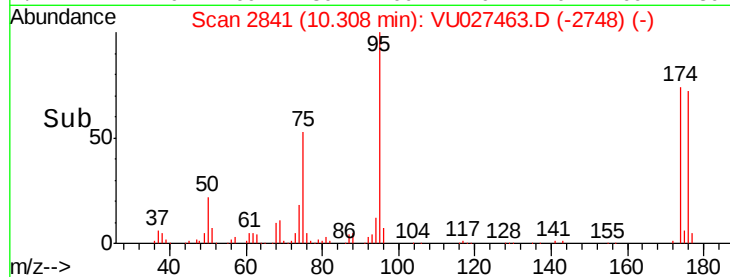
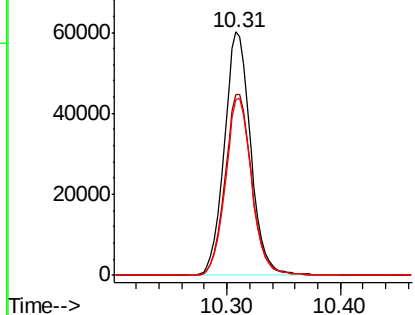
Tot Ion	95	Resp	97206
Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	147.8
176	72.3	0.0	140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027463.D (-2748) (-)

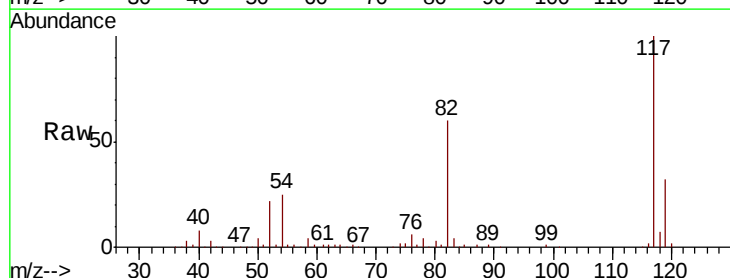
Ion 173.80 (173.50 to 174.50): VU027463.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027463.D (-2748) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

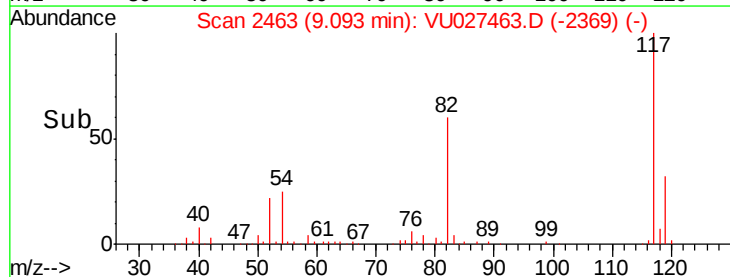
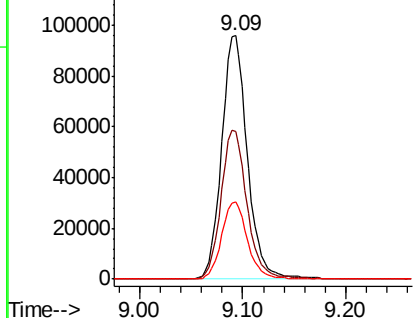
Tgt Ion	117	Resp	166676
Ion	Ratio	Lower	Upper
117	100		
82	60.4	49.2	73.8
119	31.7	25.7	38.5

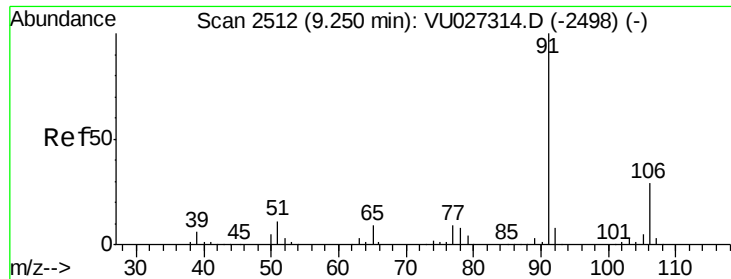


Abundance Ion 116.90 (116.60 to 117.60): VU027463.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU027463.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU027463.D (-2369) (-)

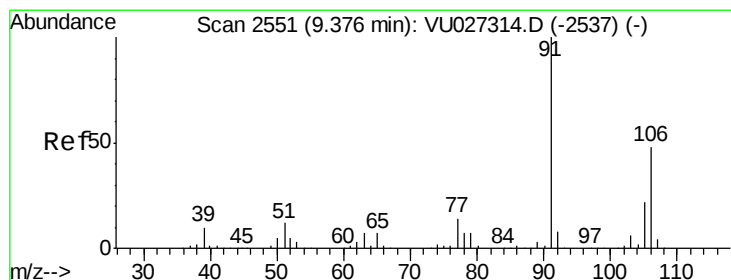
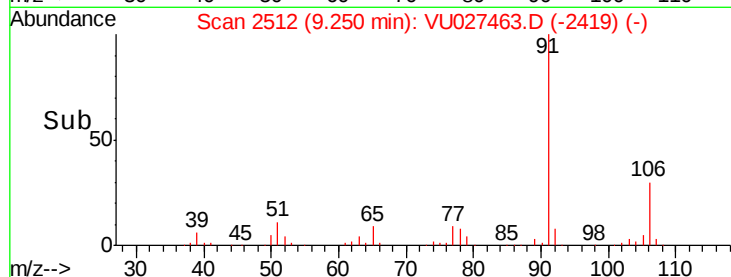
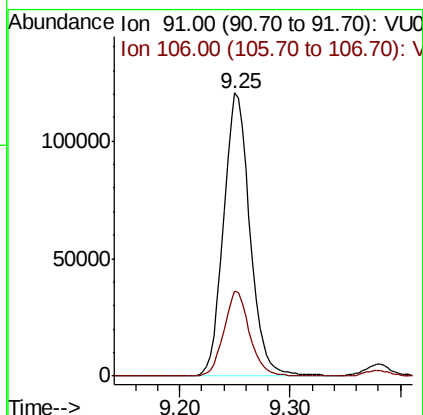
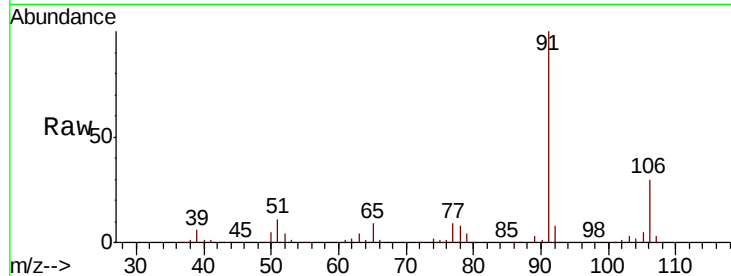




#67
Ethyl Benzene
Concen: 32.255 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

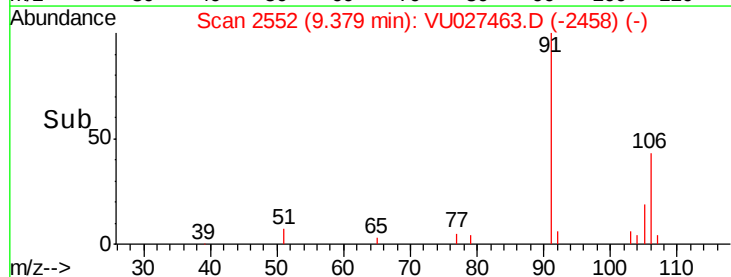
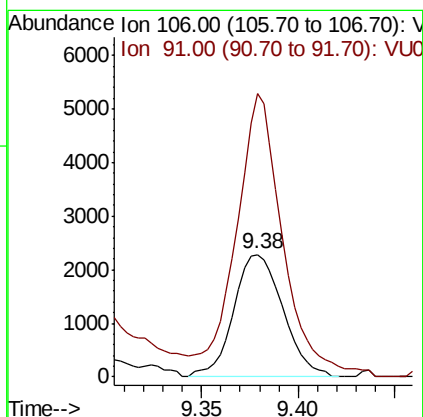
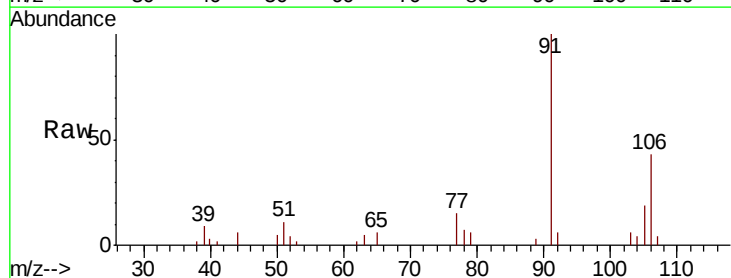
Instrument :
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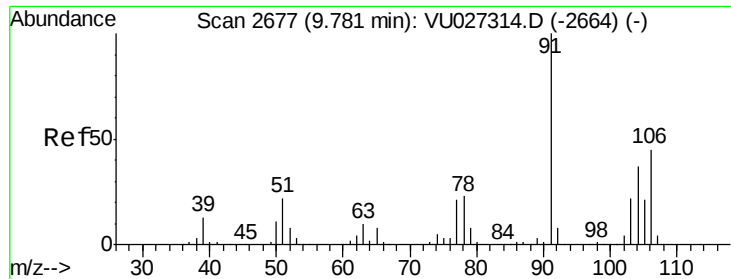
Tot Ion: 91 Resp: 200497
Ion Ratio Lower Upper
91 100
106 29.9 23.6 35.4



#68
m/p-Xylenes
Concen: 1.785 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

Tgt Ion: 106 Resp: 4058
Ion Ratio Lower Upper
106 100
91 219.1 168.1 252.1

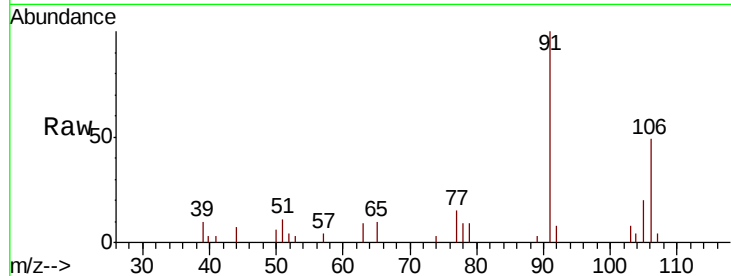




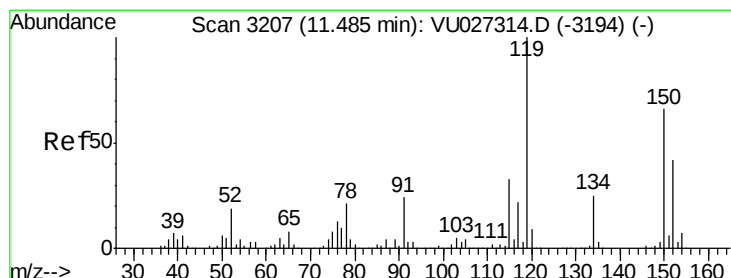
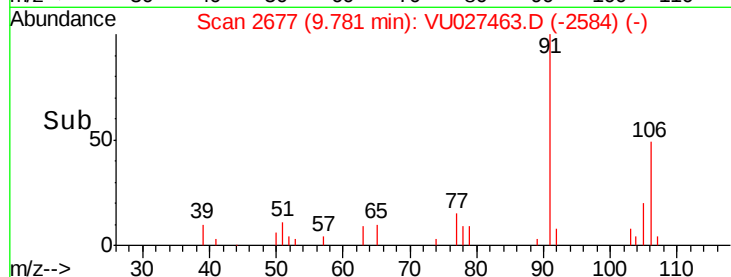
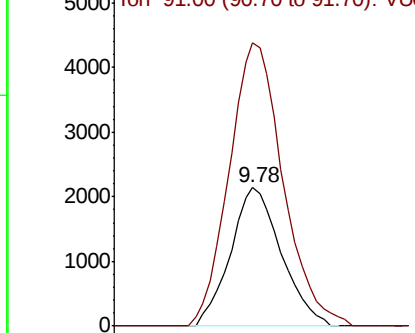
#69
o-Xylene
Concen: 1.588 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

Instrument :
MSVOA_U
ClientSampled :
MW-3DL

Tot Ion:106 Resp: 3432
Ion Ratio Lower Upper
106 100
91 216.4 111.7 334.9

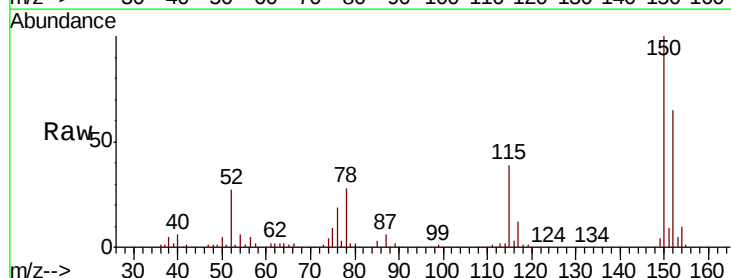


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

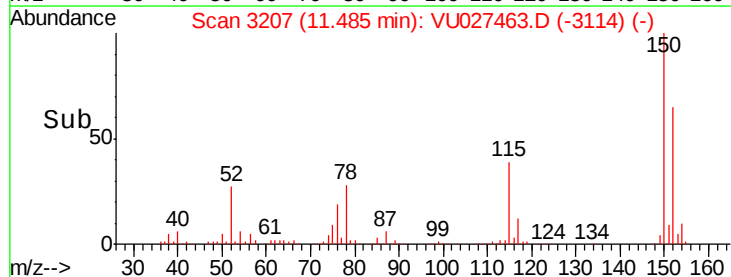
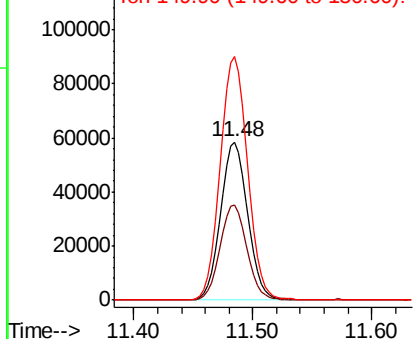


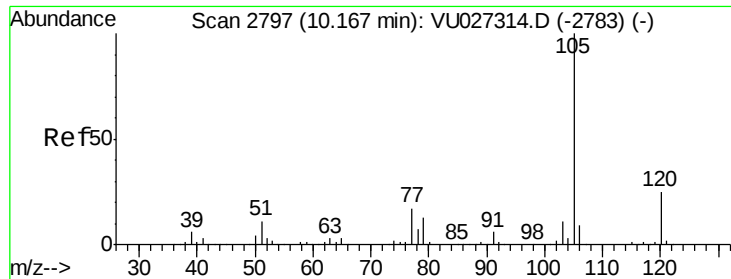
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027463.D
Acq: 05 Oct 2018 19:10

Tgt Ion:152 Resp: 92144
Ion Ratio Lower Upper
152 100
115 59.7 43.4 130.2
150 156.3 0.0 349.2



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





#73

Isopropylbenzene

Concen: 1.307 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027463.D

Acq: 05 Oct 2018 19:10

Instrument :

MSVOA_U

ClientSampled :

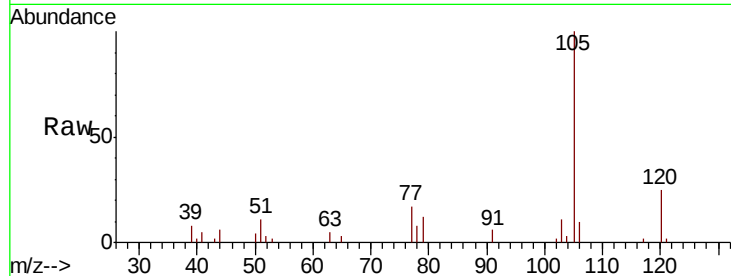
MW-3DL

Tot Ion: 105 Resp: 8744

Ion Ratio Lower Upper

105 100

120 24.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

6000

5000

4000

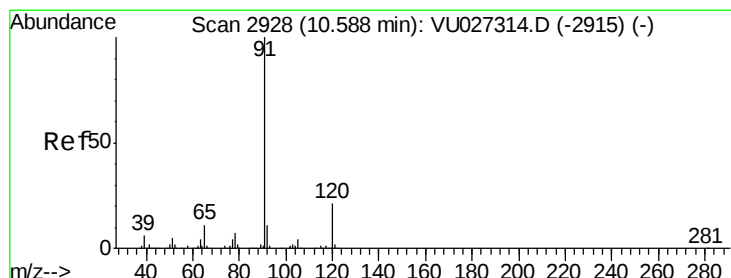
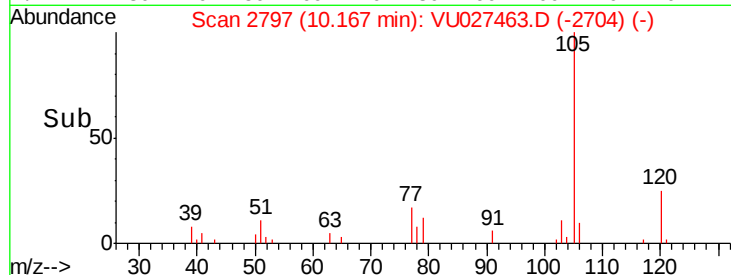
3000

2000

1000

0

Time--> 10.10 10.15 10.20



#78

n-propylbenzene

Concen: 1.690 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027463.D

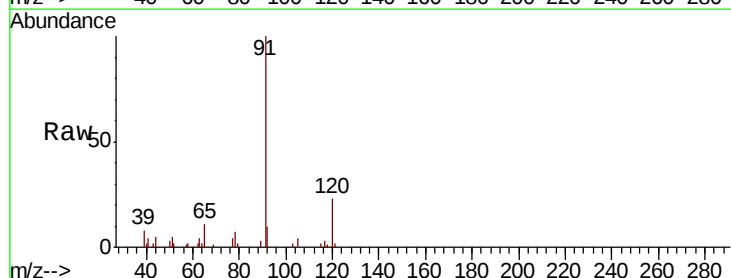
Acq: 05 Oct 2018 19:10

Tgt Ion: 91 Resp: 13588

Ion Ratio Lower Upper

91 100

120 20.2 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

10.59

10000

8000

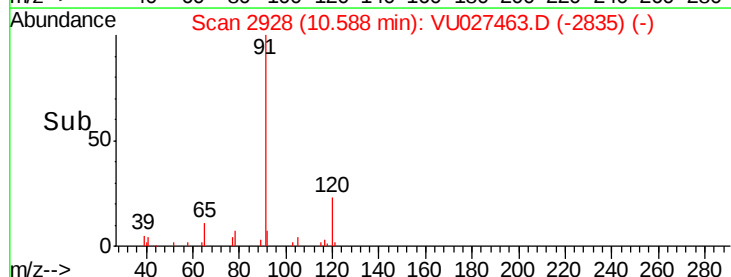
6000

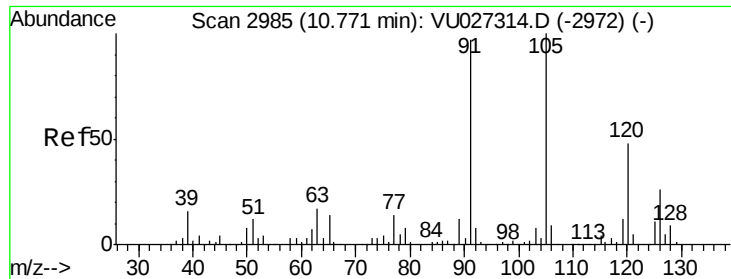
4000

2000

0

Time--> 10.55 10.60 10.65

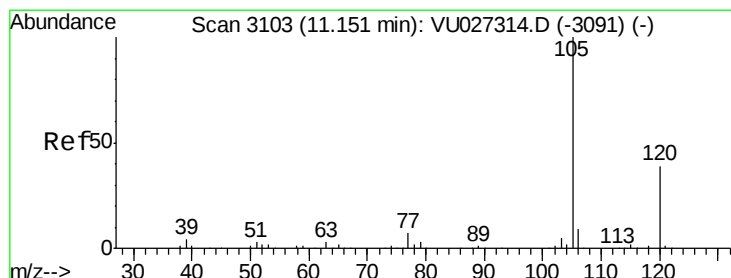
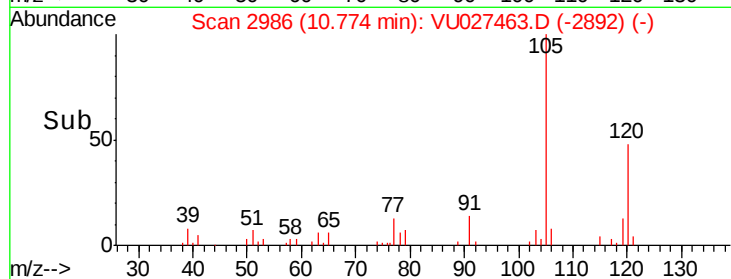
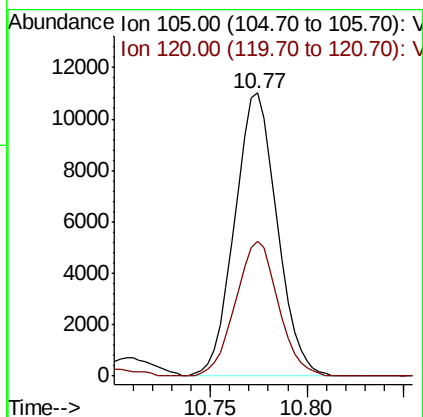
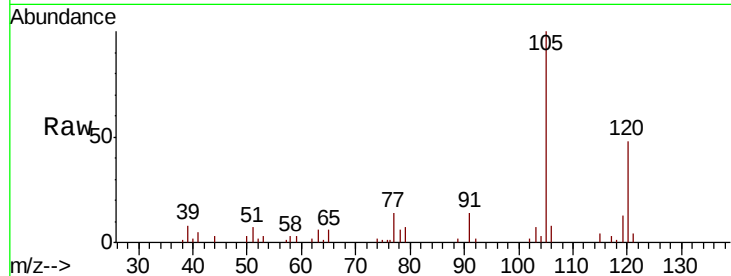




#80
 1,3,5-Trimethylbenzene
 Concen: 3.095 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027463.D
 Acq: 05 Oct 2018 19:10

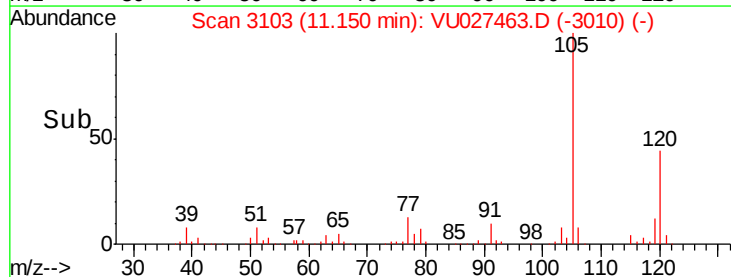
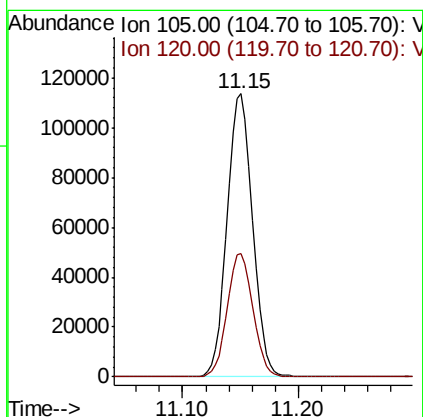
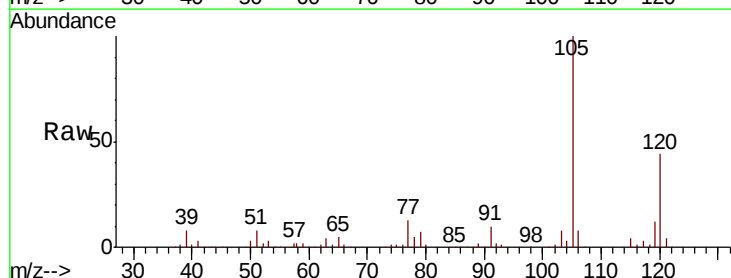
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3DL

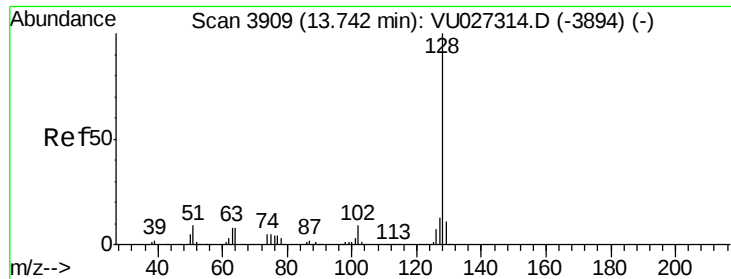
Tot Ion:105 Resp: 16861
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 30.821 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027463.D
 Acq: 05 Oct 2018 19:10

Tgt Ion:105 Resp: 171536
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5





#95
 Naphthalene
 Concen: 11.390 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.00 min
 Lab File: VU027463.D
 Acq: 05 Oct 2018 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.6	12.8

