

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027483.D
 Acq On : 06 Oct 2018 02:55
 Operator : MD/SY
 Sample : J5268-09 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NW-6

Quant Time: Oct 06 04:21:23 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	103525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	183123	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	171209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100921	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	100552	58.17	ug/l	0.00
Spiked Amount			Recovery	=	116.34%	
35) Dibromofluoromethane	4.89	113	72068	57.42	ug/l	0.00
Spiked Amount			Recovery	=	114.84%	
50) Toluene-d8	7.57	98	269140	57.30	ug/l	0.00
Spiked Amount			Recovery	=	114.60%	
62) 4-Bromofluorobenzene	10.31	95	104894	60.09	ug/l	0.00
Spiked Amount			Recovery	=	120.18%	

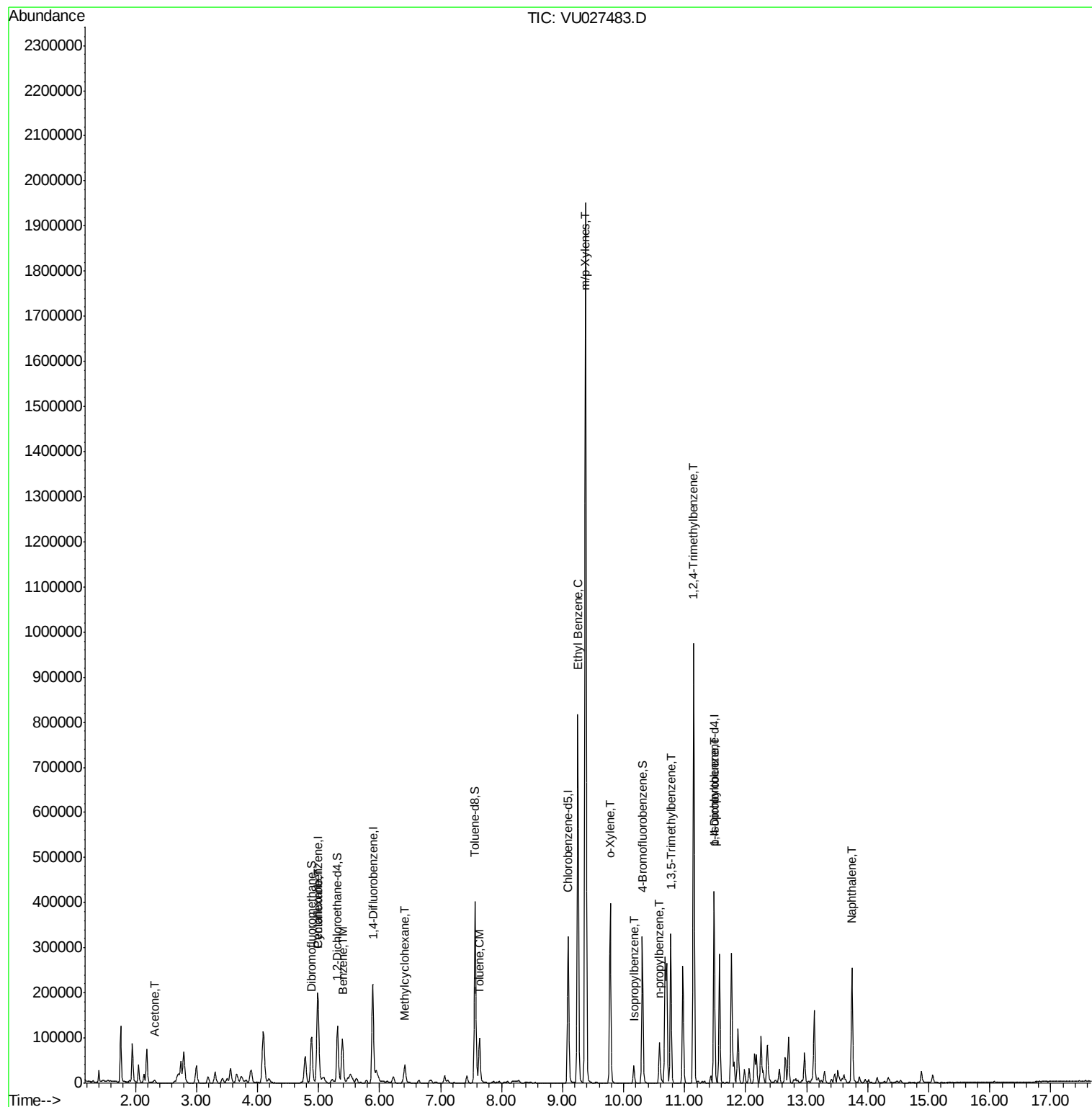
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	5381	5.269	ug/l	92
31) Cyclohexane	5.00	56	42732	15.247	ug/l	95
39) Methylcyclohexane	6.42	83	15215	6.546	ug/l	98
40) Benzene	5.39	78	93799	16.195	ug/l	100
52) Toluene	7.64	92	41380	12.071	ug/l	98
67) Ethyl Benzene	9.25	91	566761	88.765	ug/l	99
68) m/p-Xylenes	9.38	106	526671	225.505	ug/l	99
69) o-Xylene	9.78	106	100739	45.390	ug/l	99
73) Isopropylbenzene	10.17	105	24572	3.352	ug/l	98
78) n-propylbenzene	10.59	91	67205	7.630	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	172341	28.880	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	511945	83.983	ug/l	100
86) p-Isopropyltoluene	11.48	119	3450	0.554	ug/l	90
95) Naphthalene	13.74	128	189771	25.706	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
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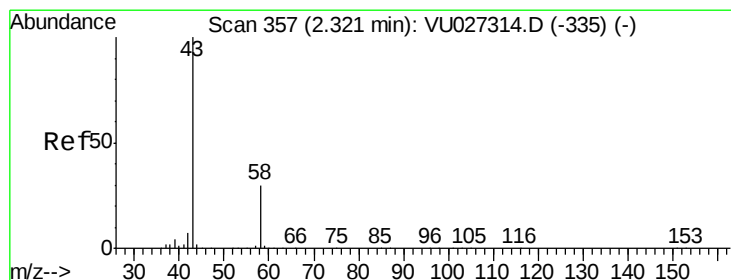
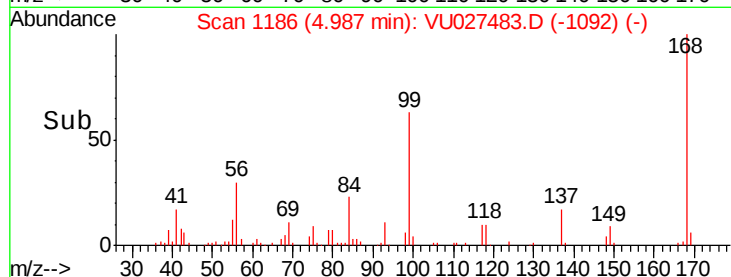
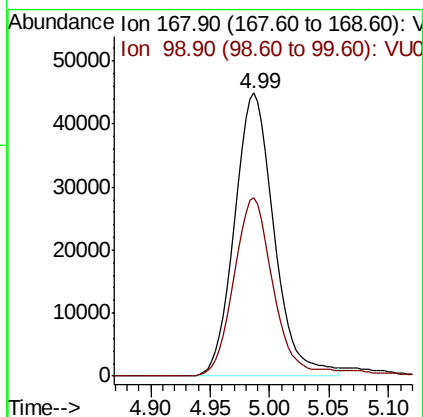
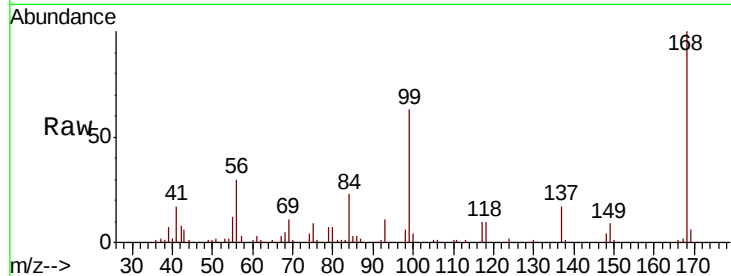




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. 0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

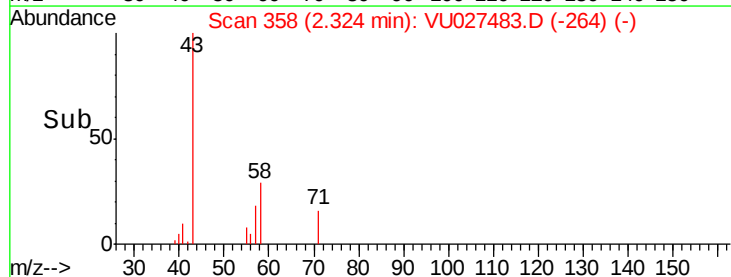
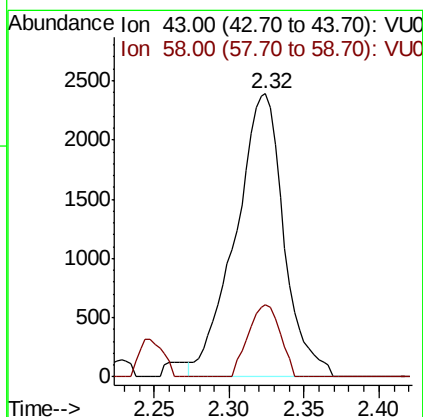
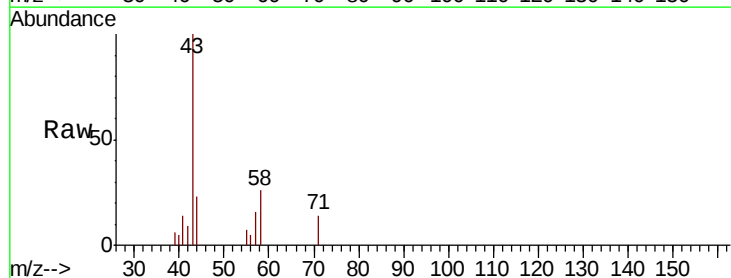
Instrument :
MSVOA_U
ClientSampleId :
NW-6

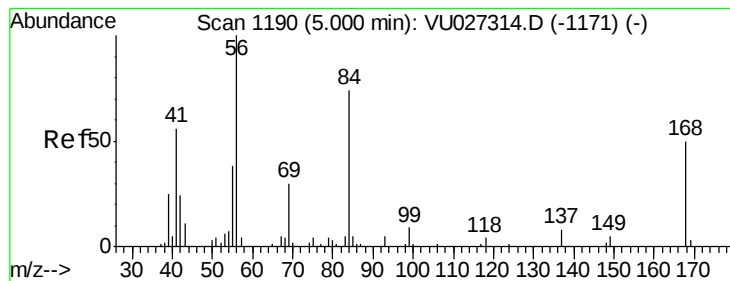
Tot Ion:168 Resp: 103525
Ion Ratio Lower Upper
168 100
99 63.1 50.8 76.2



#16
Acetone
Concen: 5.269 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

Tgt Ion: 43 Resp: 5381
Ion Ratio Lower Upper
43 100
58 25.7 24.2 36.4





#31

Cyclohexane

Concen: 15.247 ug/l

RT: 5.00 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VU027483.D

Acq: 06 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

NW-6

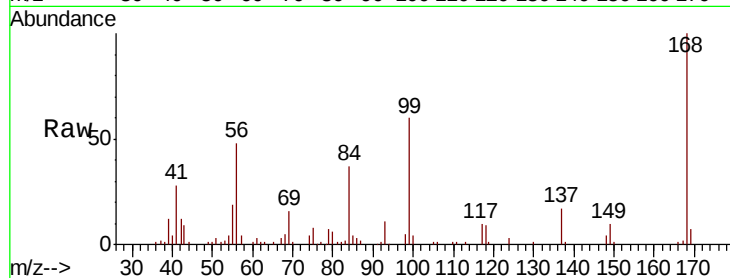
Tot Ion: 56 Resp: 42732

Ion Ratio Lower Upper

56 100

69 33.5 24.1 36.1

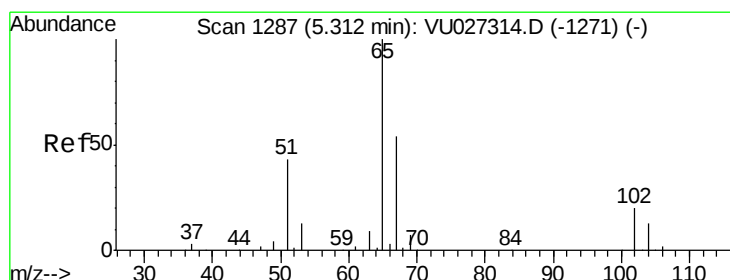
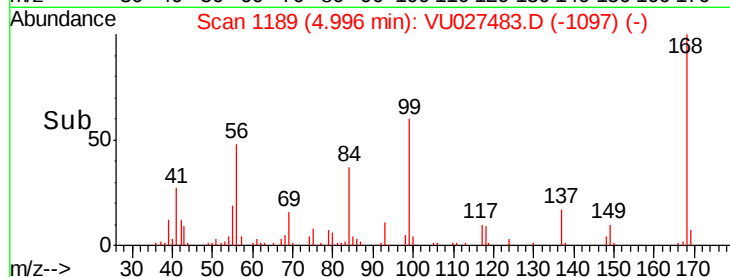
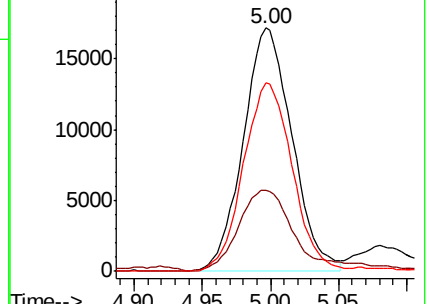
84 77.4 59.1 88.7



Abundance Ion 56.00 (55.70 to 56.70): VU027314.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU027314.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU027314.D (-1171) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.167 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027483.D

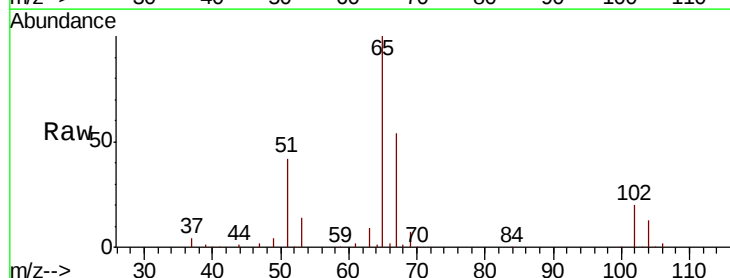
Acq: 06 Oct 2018 02:55

Tgt Ion: 65 Resp: 100552

Ion Ratio Lower Upper

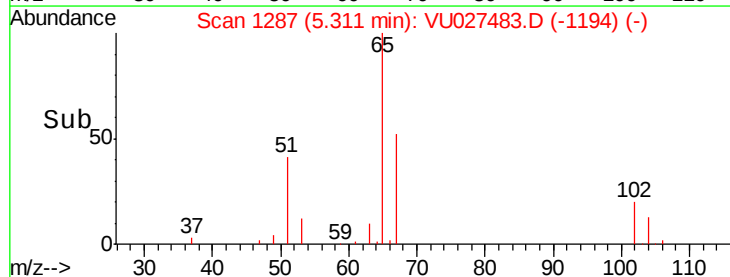
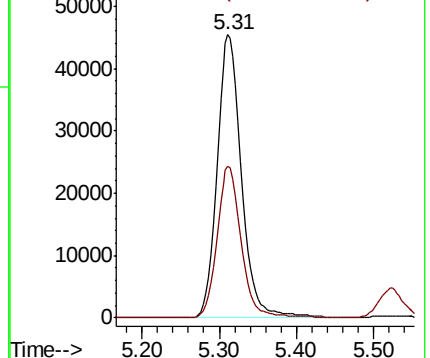
65 100

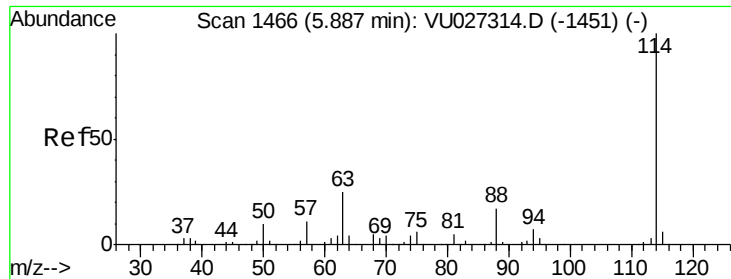
67 53.2 0.0 107.8



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

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

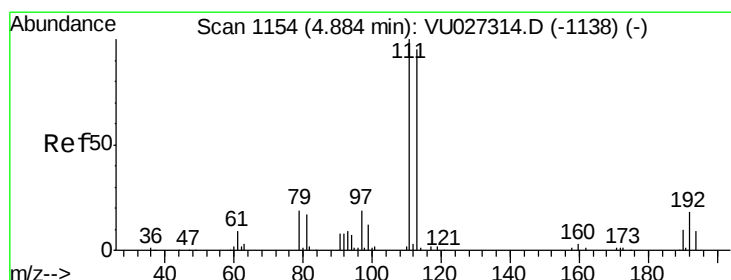
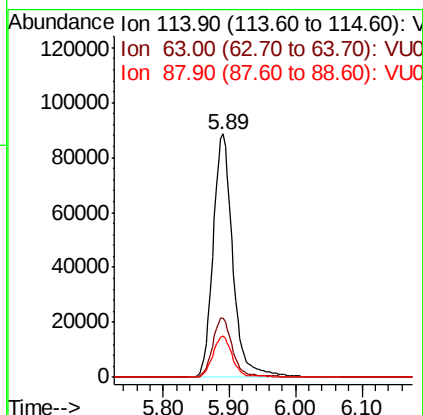
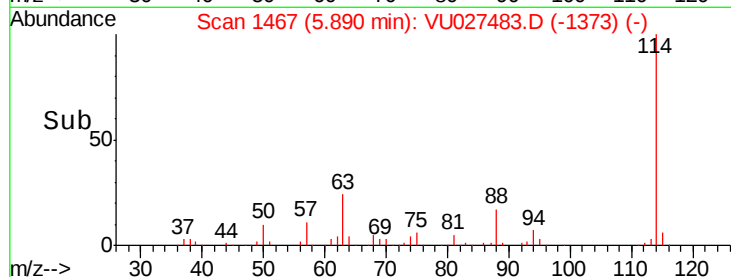
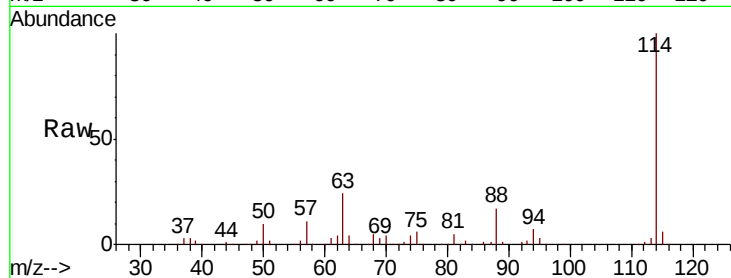




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027483.D
 Acq: 06 Oct 2018 02:55

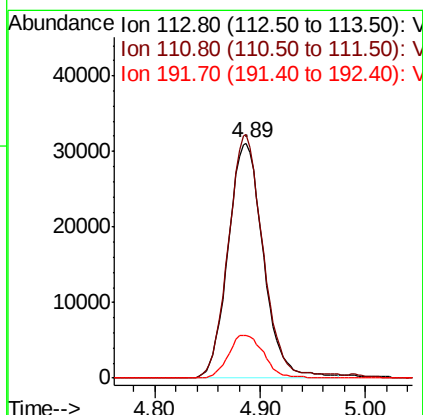
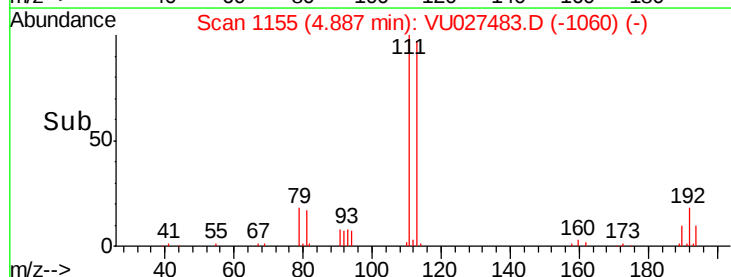
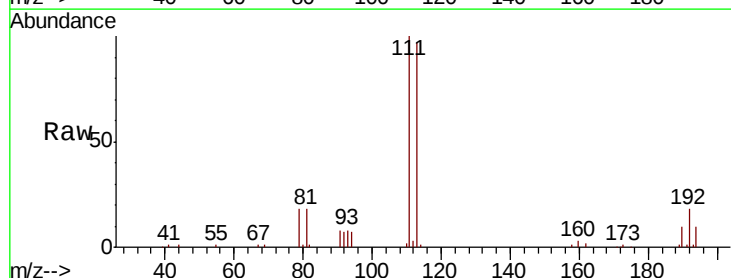
Instrument :
 MSVOA_U
 ClientSampleId :
 NW-6

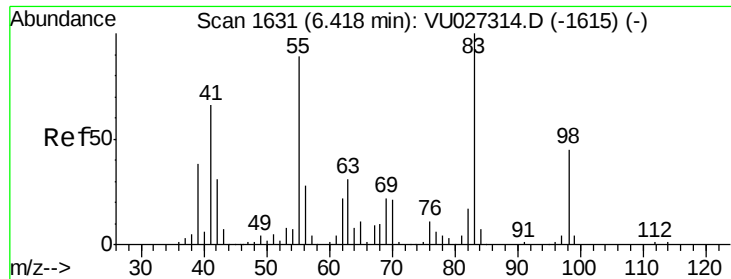
Tot Ion:114 Resp: 183123
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.2
 88 16.9 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 57.425 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027483.D
 Acq: 06 Oct 2018 02:55

Tgt Ion:113 Resp: 72068
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.1 124.7
 192 18.3 15.4 23.0

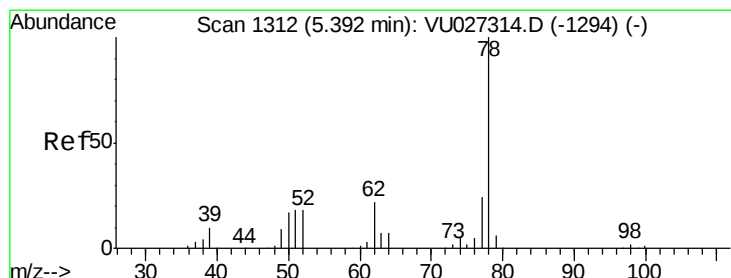
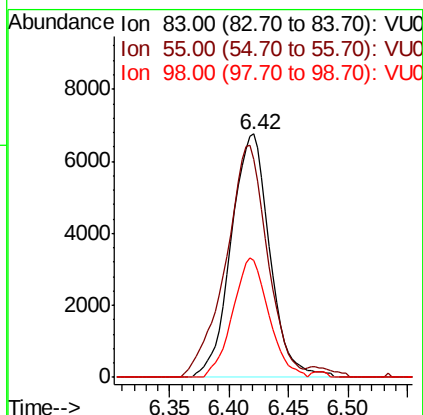
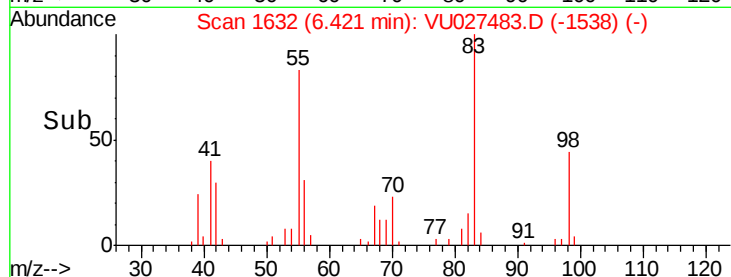
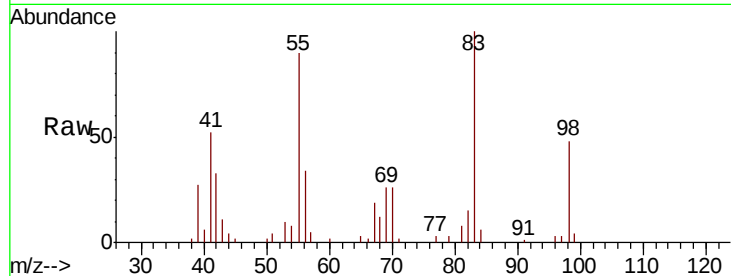




#39
Methvlcvclohexane
Concen: 6.546 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

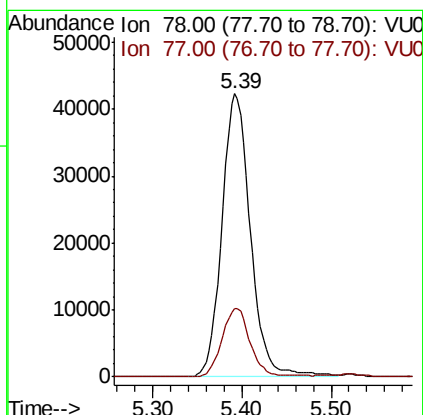
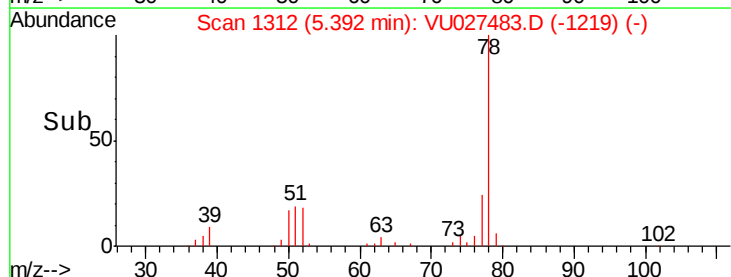
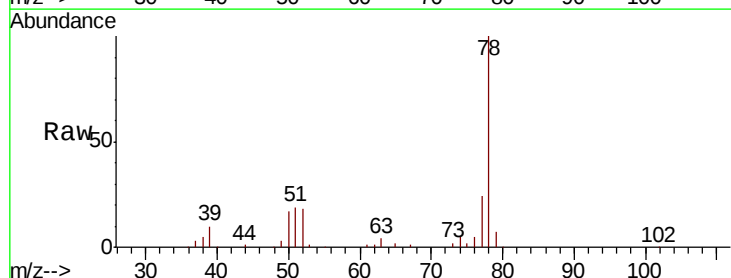
Instrument :
MSVOA_U
ClientSampleId :
NW-6

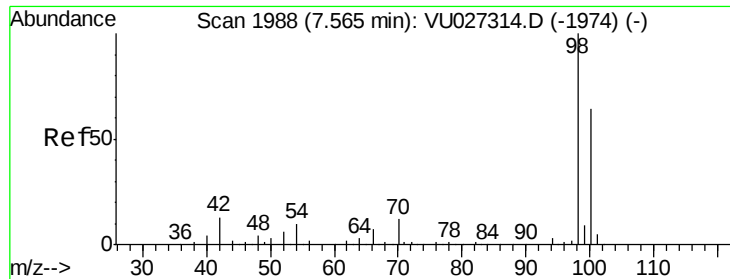
Tot Ion: 83 Resp: 15215
Ion Ratio Lower Upper
83 100
55 87.5 71.1 106.7
98 47.8 36.3 54.5



#40
Benzene
Concen: 16.195 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

Tgt Ion: 78 Resp: 93799
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#50

Toluene-d8

Concen: 57.300 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027483.D

Acq: 06 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

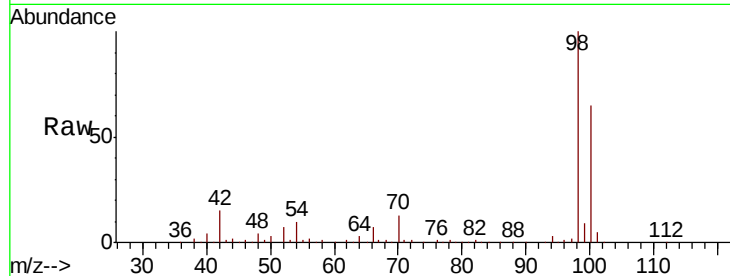
NW-6

Tot Ion: 98 Resp: 269140

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027483.D (-1895) (-)

7.57

150000

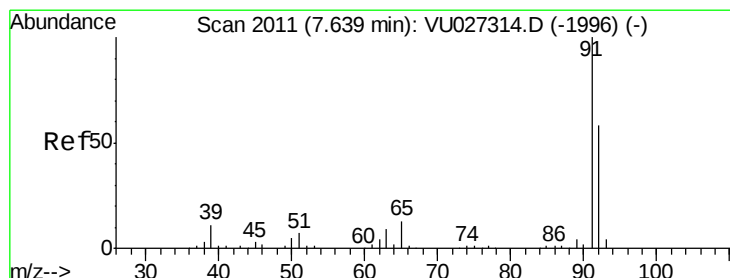
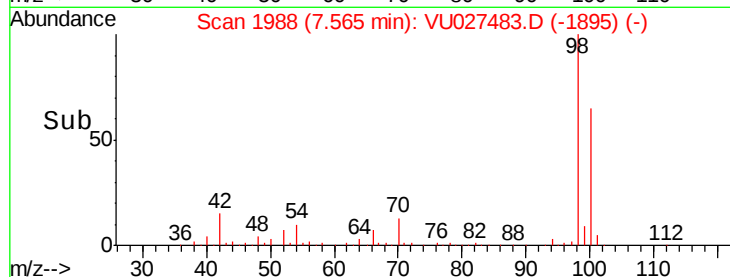
100000

50000

0

7.50 7.60 7.70

Time-->



#52

Toluene

Concen: 12.071 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027483.D

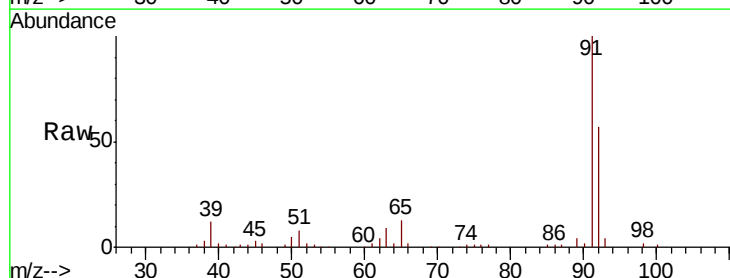
Acq: 06 Oct 2018 02:55

Tgt Ion: 92 Resp: 41380

Ion Ratio Lower Upper

92 100

91 176.7 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027483.D (-1918) (-)

7.64

40000

30000

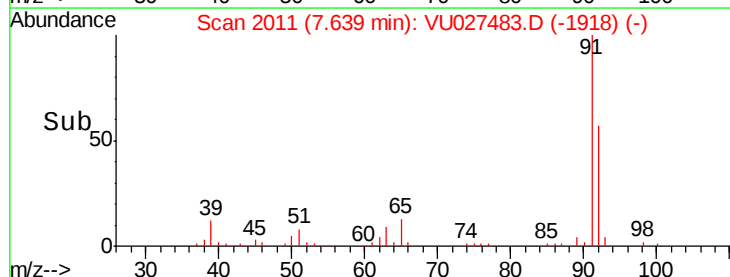
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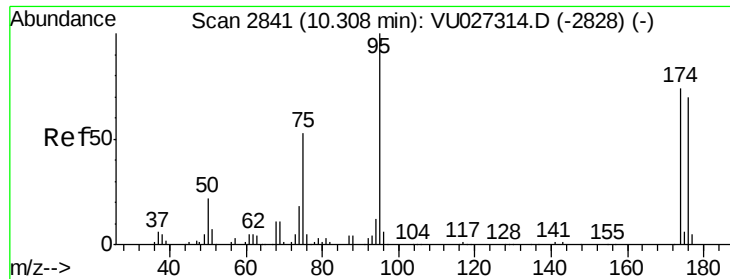
10000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#62

4-Bromofluorobenzene

Concen: 60.090 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027483.D

Acq: 06 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

NW-6

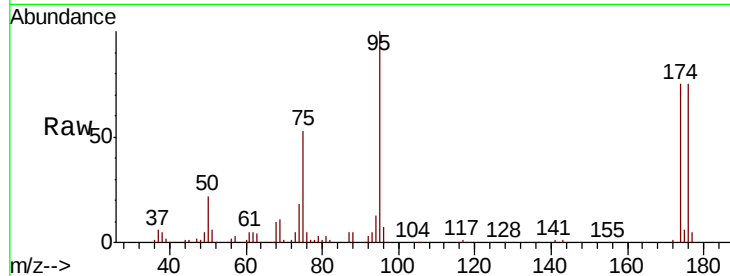
Tot Ion: 95 Resp: 104894

Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.8

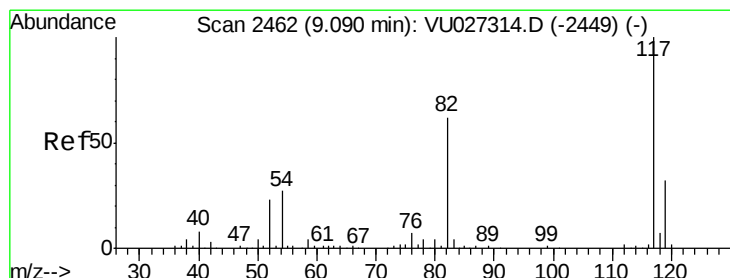
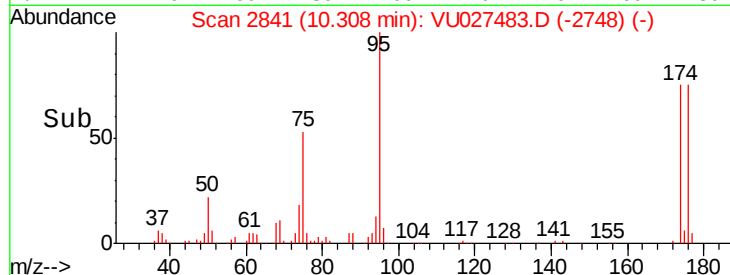
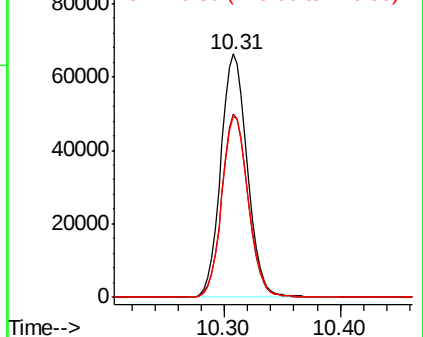
176 73.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027483.D

Acq: 06 Oct 2018 02:55

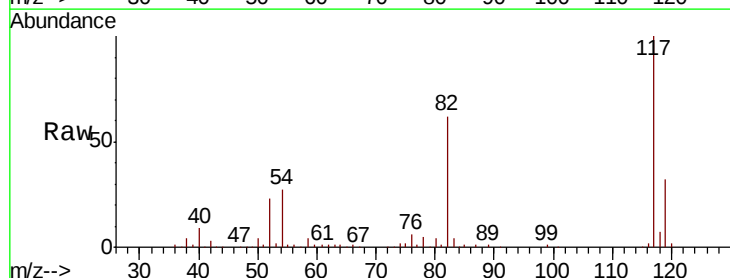
Tgt Ion: 117 Resp: 171209

Ion Ratio Lower Upper

117 100

82 62.3 49.2 73.8

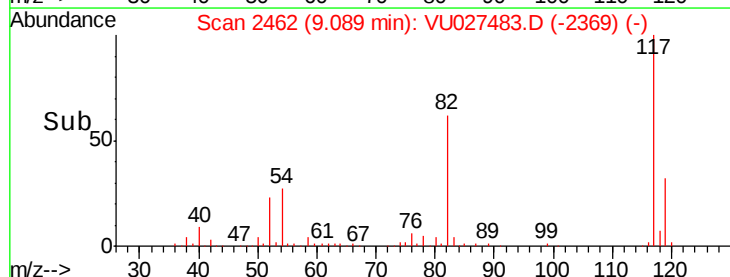
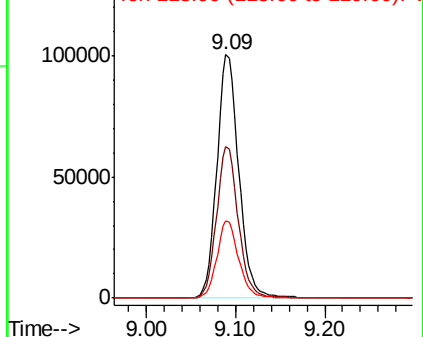
119 31.9 25.7 38.5

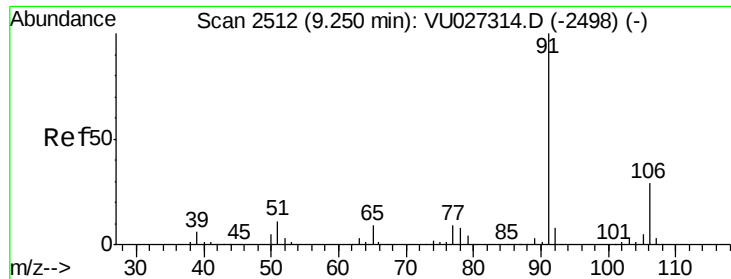


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

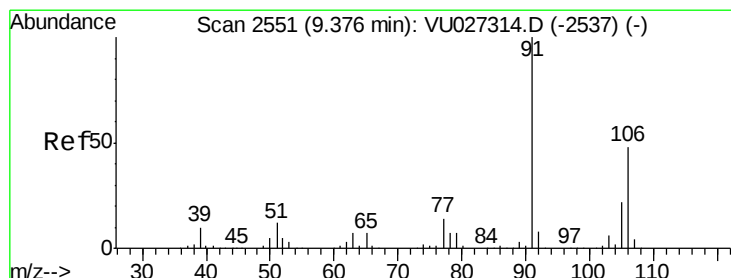
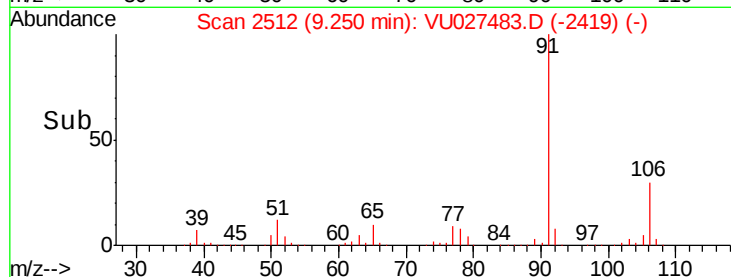
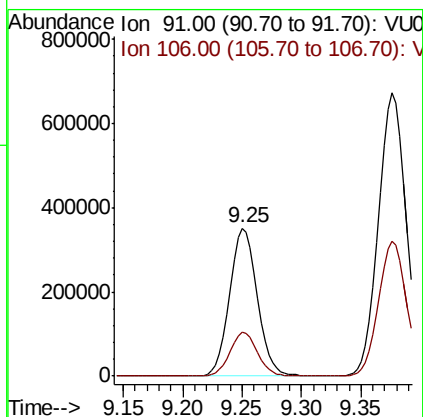
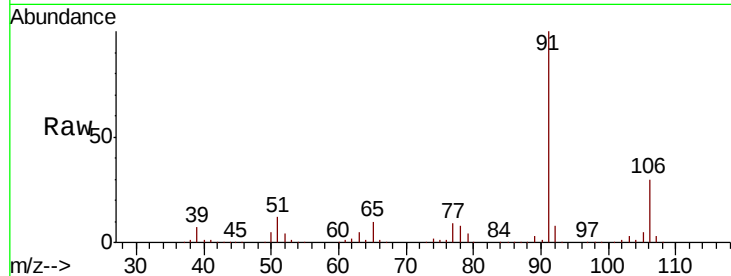




#67
Ethyl Benzene
Concen: 88.765 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

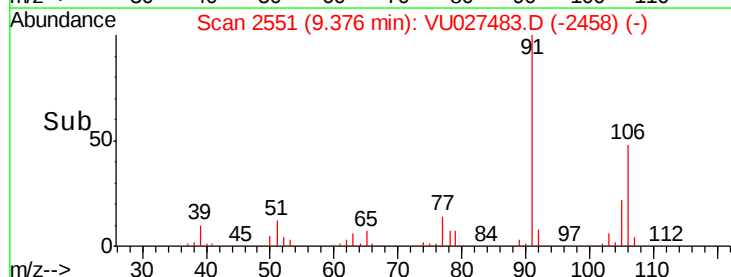
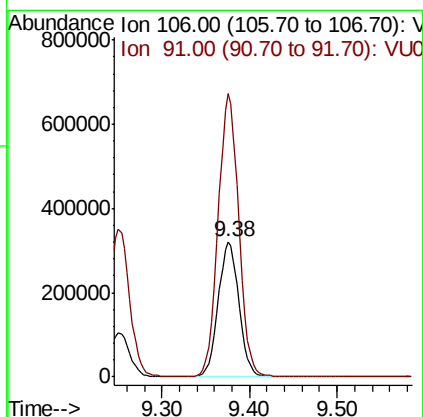
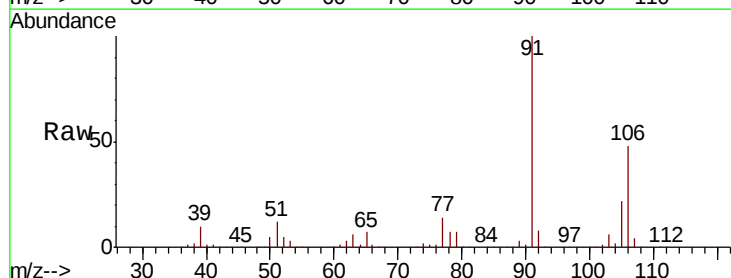
Instrument :
MSVOA_U
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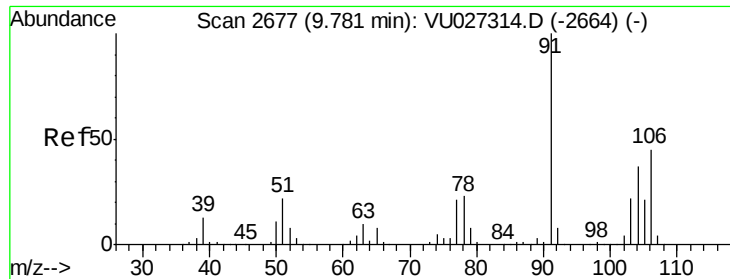
Tot Ion: 91 Resp: 566761
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 225.505 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

Tgt Ion: 106 Resp: 526671
Ion Ratio Lower Upper
106 100
91 208.7 168.1 252.1

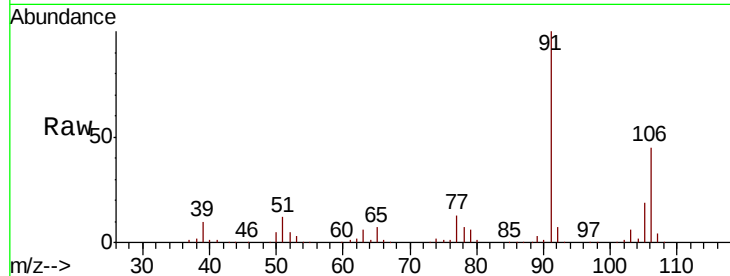




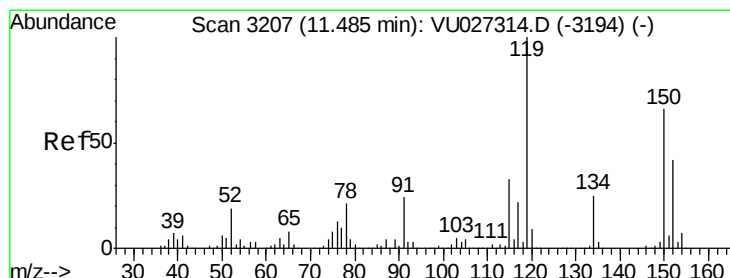
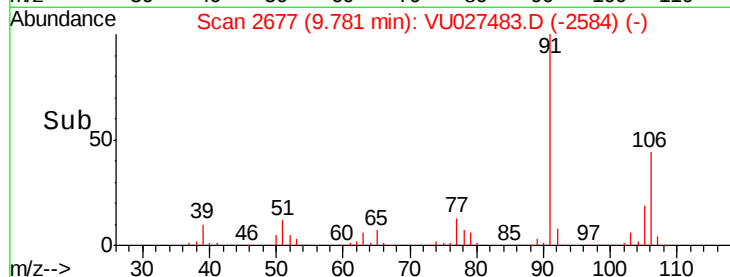
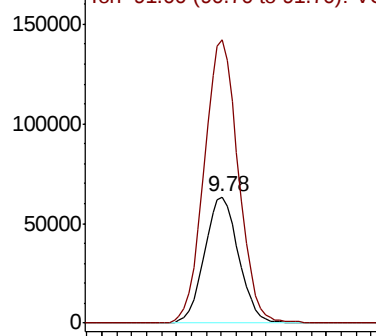
#69
o-Xylene
Concen: 45.390 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

Instrument :
MSVOA_U
ClientSampleId :
NW-6

Tot Ion:106 Resp: 100739
Ion Ratio Lower Upper
106 100
91 225.3 111.7 334.9

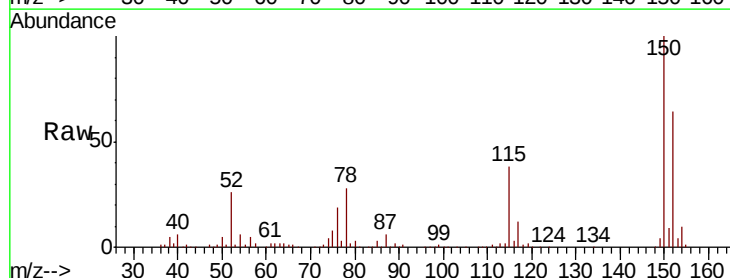


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

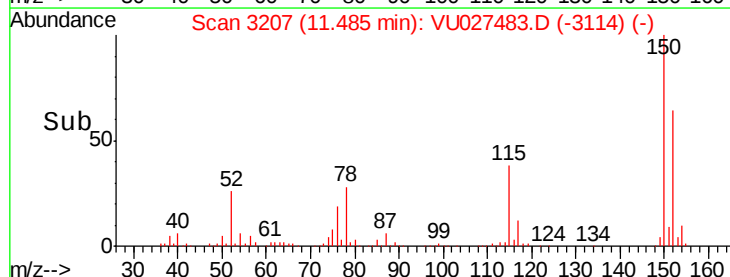
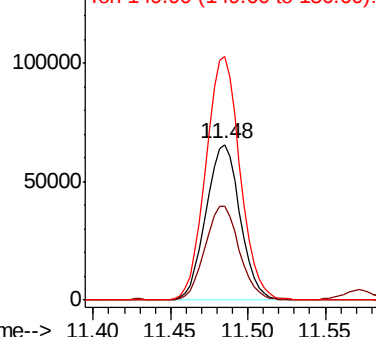


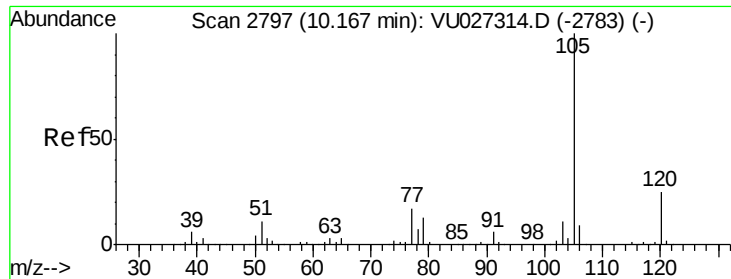
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

Tgt Ion:152 Resp: 100921
Ion Ratio Lower Upper
152 100
115 60.1 43.4 130.2
150 156.8 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: 3.352 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027483.D

Acq: 06 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampled :

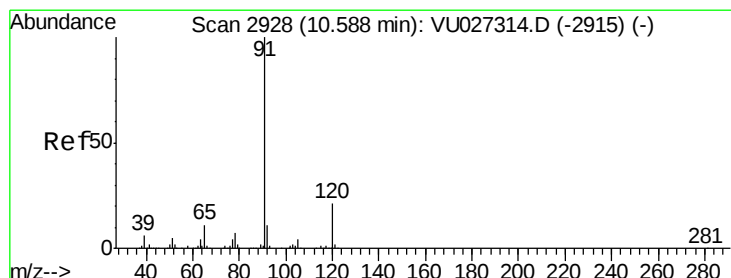
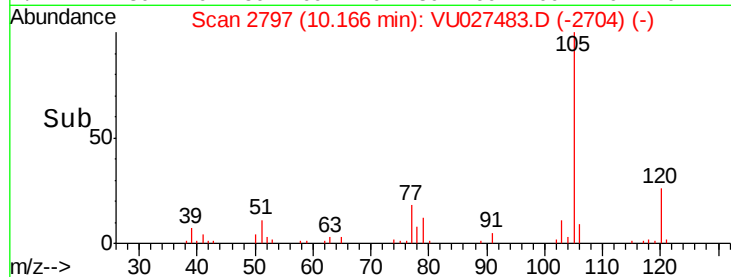
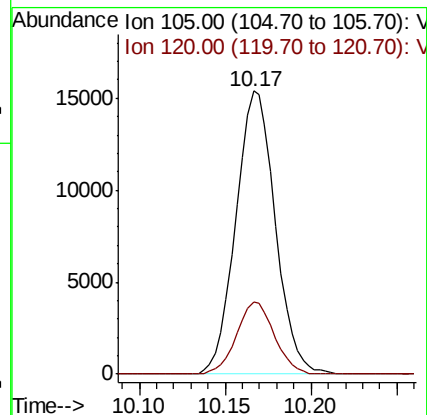
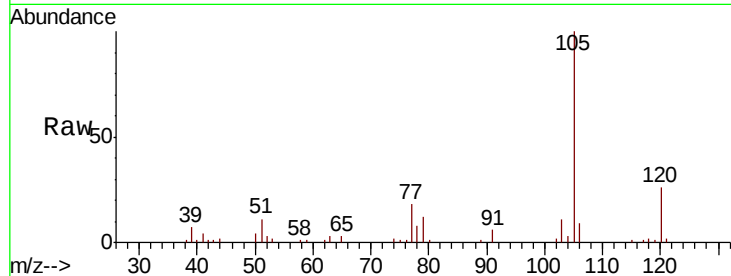
NW-6

Tot Ion:105 Resp: 24572

Ion Ratio Lower Upper

105 100

120 24.4 12.6 37.8



#78

n-propylbenzene

Concen: 7.630 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027483.D

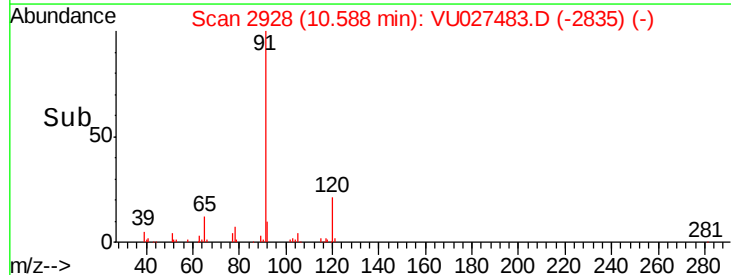
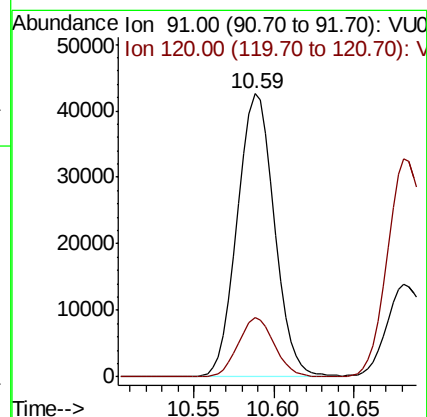
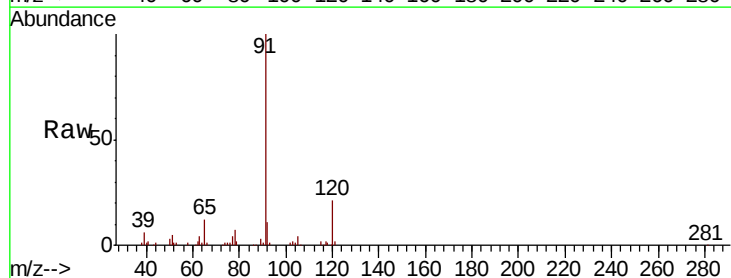
Acq: 06 Oct 2018 02:55

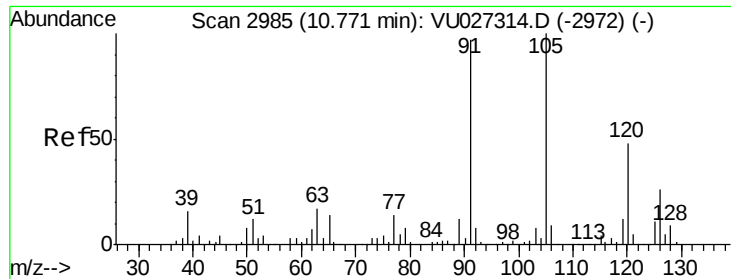
Tgt Ion: 91 Resp: 67205

Ion Ratio Lower Upper

91 100

120 20.2 10.6 31.8

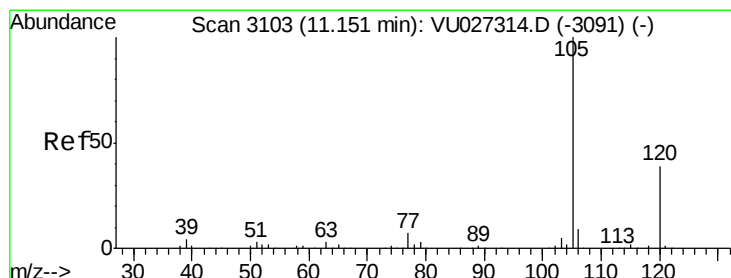
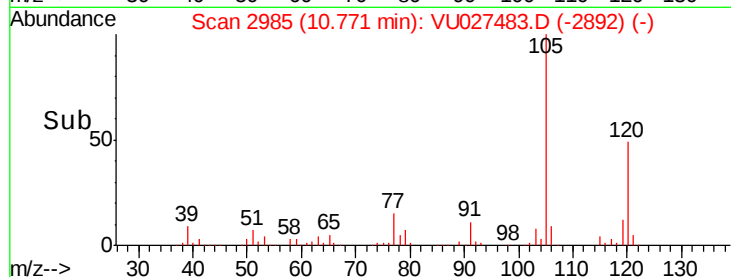
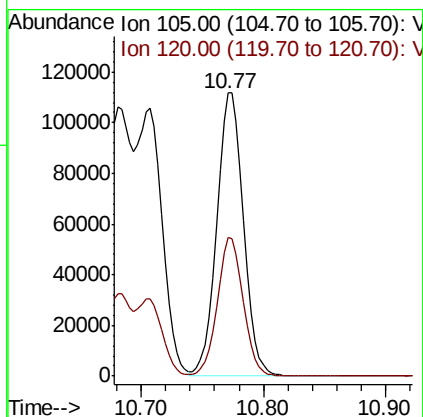
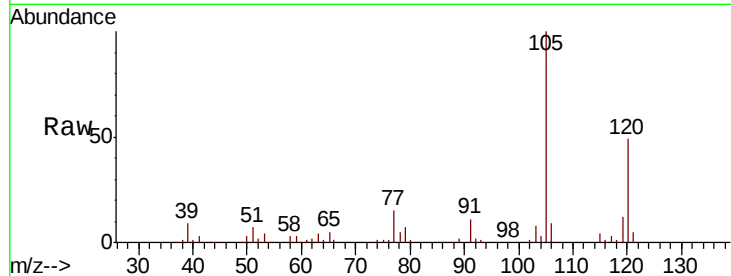




#80
 1,3,5-Trimethylbenzene
 Concen: 28.880 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. -0.00 min
 Lab File: VU027483.D
 Acq: 06 Oct 2018 02:55

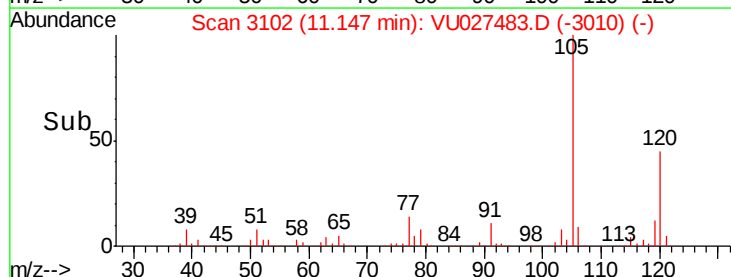
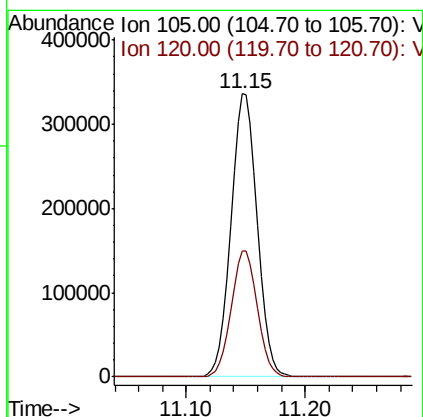
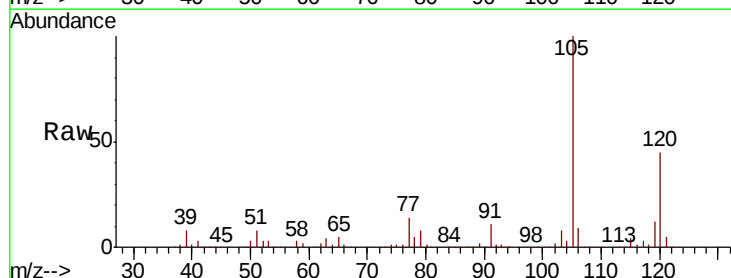
Instrument :
 MSVOA_U
 ClientSampleId :
 NW-6

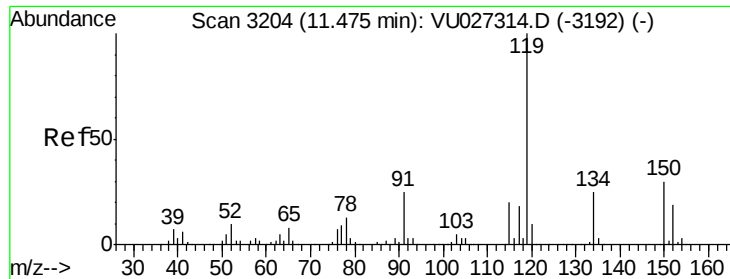
Tot Ion:105 Resp: 172341
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 83.983 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027483.D
 Acq: 06 Oct 2018 02:55

Tgt Ion:105 Resp: 511945
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5

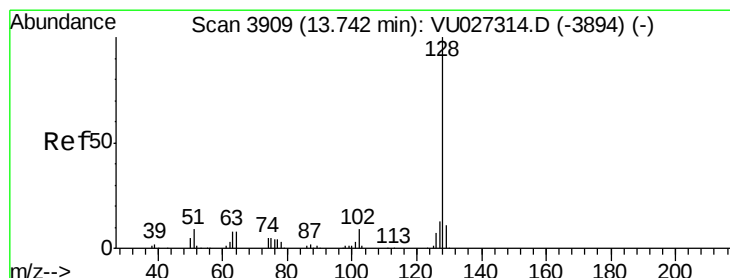
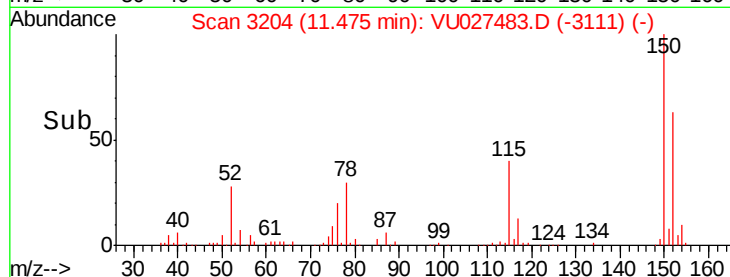
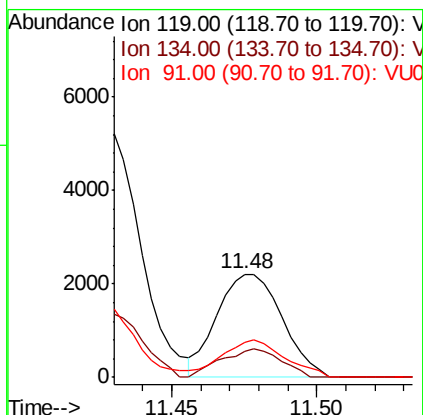
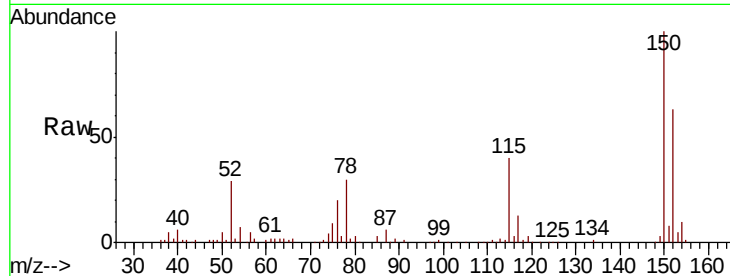




#86
p-Isopropyltoluene
Concen: 0.554 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

Instrument :
MSVOA_U
ClientSampleId :
NW-6

Tot Ion:119 Resp: 3450
Ion Ratio Lower Upper
119 100
134 25.3 12.7 38.1
91 34.8 12.2 36.4



#95
Naphthalene
Concen: 25.706 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. -0.00 min
Lab File: VU027483.D
Acq: 06 Oct 2018 02:55

Tgt Ion:128 Resp: 189771
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.2 8.6 12.8

