

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025779.D
 Acq On : 01 Aug 2018 16:18
 Operator : MD/SY
 Sample : J4262-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-03

Quant Time: Aug 02 04:53:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	323478	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	318258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	198156	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	153468	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
35) Dibromofluoromethane	4.89	113	132769	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	7.57	98	468875	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	10.31	95	185703	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	

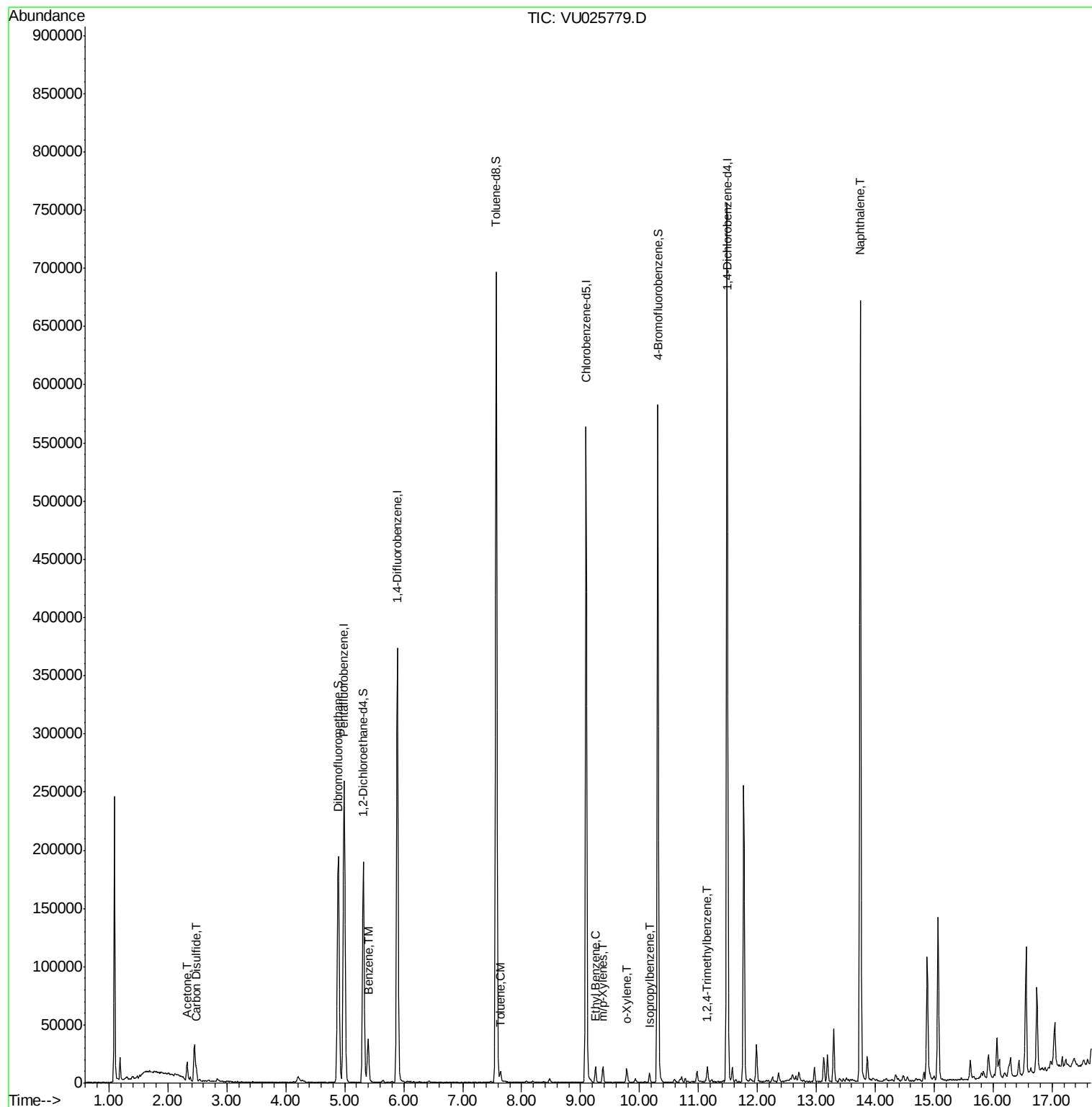
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	16138	10.479	ug/l	94
17) Carbon Disulfide	2.48	76	13657	1.939	ug/l	100
40) Benzene	5.40	78	35750	3.235	ug/l	99
52) Toluene	7.64	92	3326	0.484	ug/l	95
67) Ethyl Benzene	9.26	91	10009	0.736	ug/l	94
68) m/p-Xylenes	9.38	106	4160	0.797	ug/l	99
69) o-Xylene	9.78	106	3426	0.672	ug/l	95
73) Isopropylbenzene	10.17	105	5445	0.403	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	6780	0.582	ug/l	100
95) Naphthalene	13.74	128	532373	36.527	ug/l	99

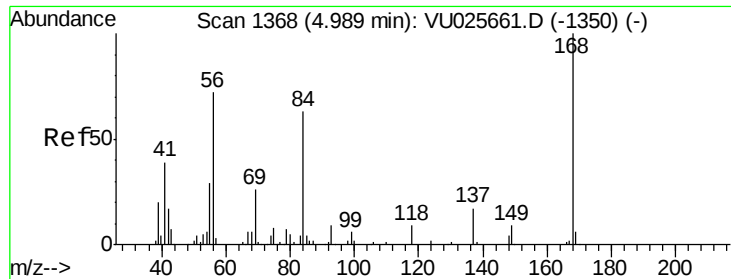
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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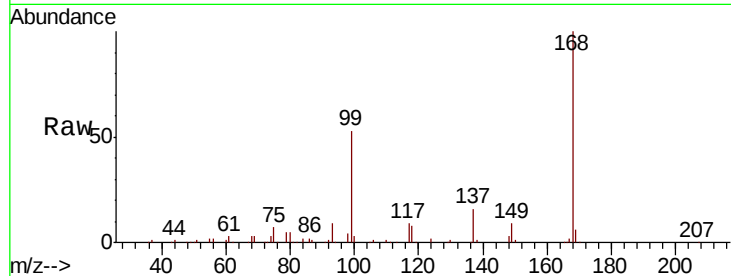




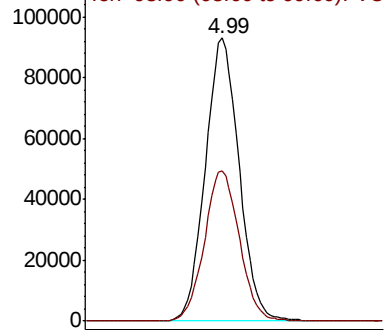
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VU025779.D
Acq: 01 Aug 2018 16:18

Instrument :
MSVOA_U
ClientSampled :
GW-03

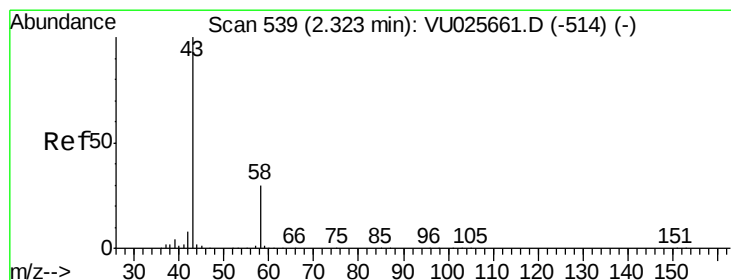
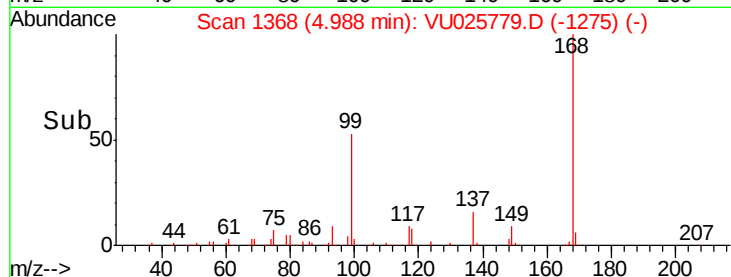
Tot Ion:168 Resp: 202737
Ion Ratio Lower Upper
168 100
99 53.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)
Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)

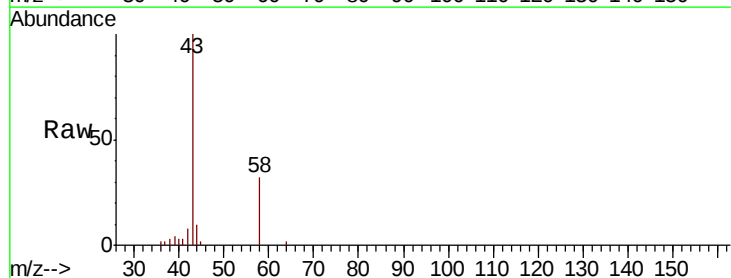


Time-->

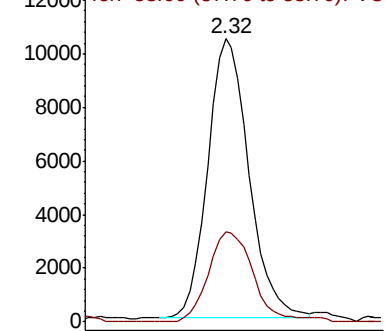


#16
Acetone
Concen: 10.479 ug/l
RT: 2.32 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU025779.D
Acq: 01 Aug 2018 16:18

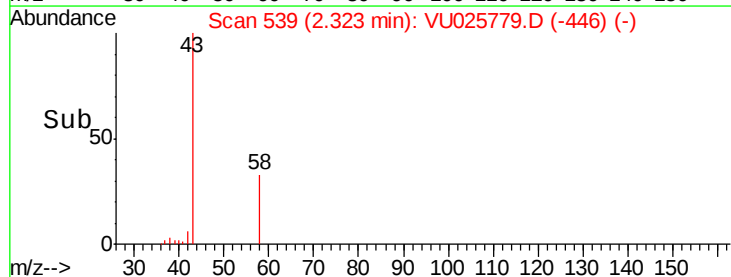
Tgt Ion: 43 Resp: 16138
Ion Ratio Lower Upper
43 100
58 32.3 23.1 34.7

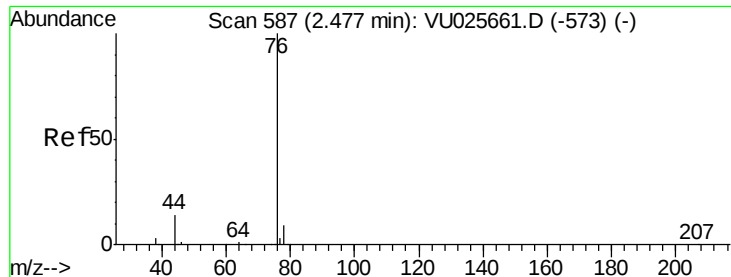


Abundance Ion 43.00 (42.70 to 43.70): VU025661.D (-514) (-)
Ion 58.00 (57.70 to 58.70): VU025661.D (-514) (-)



Time-->

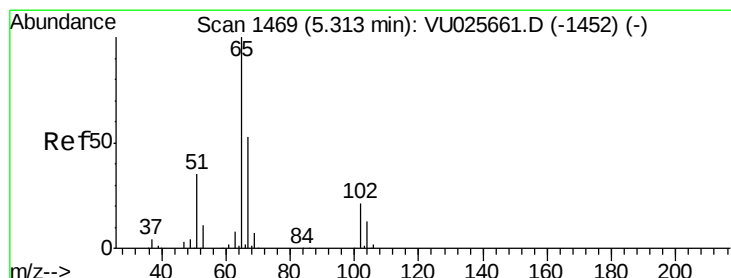
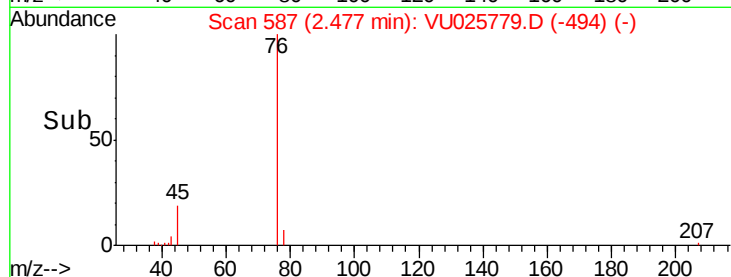
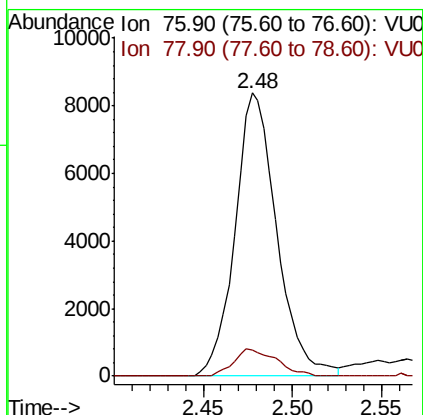
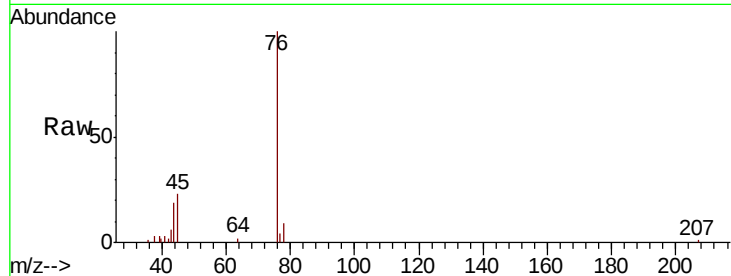




#17
Carbon Disulfide
Concen: 1.939 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU025779.D
Acq: 01 Aug 2018 16:18

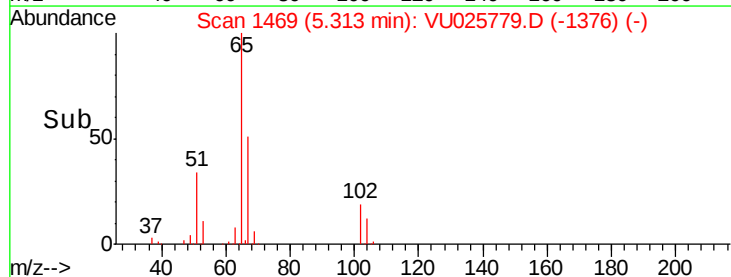
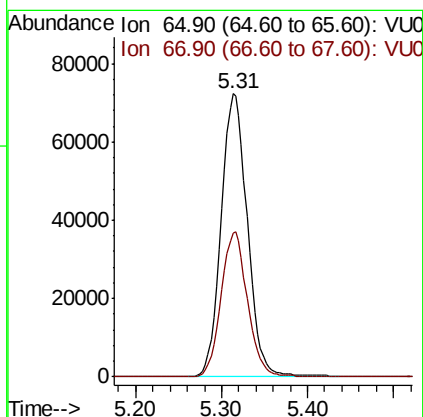
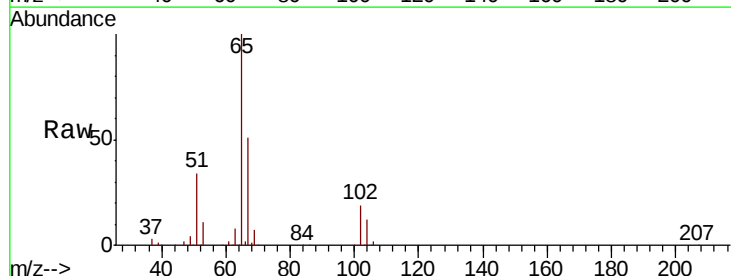
Instrument :
MSVOA_U
ClientSampleId :
GW-03

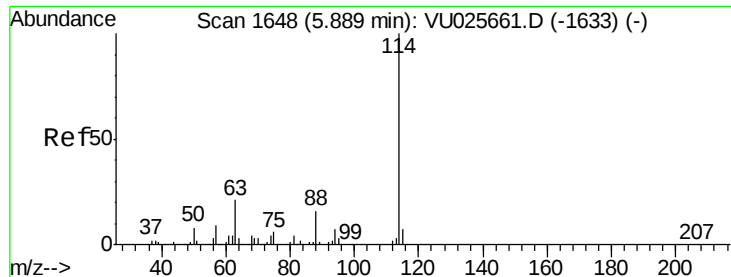
Tot Ion: 76 Resp: 13657
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#33
1,2-Dichloroethane-d4
Concen: 48.583 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU025779.D
Acq: 01 Aug 2018 16:18

Tgt Ion: 65 Resp: 153468
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.6

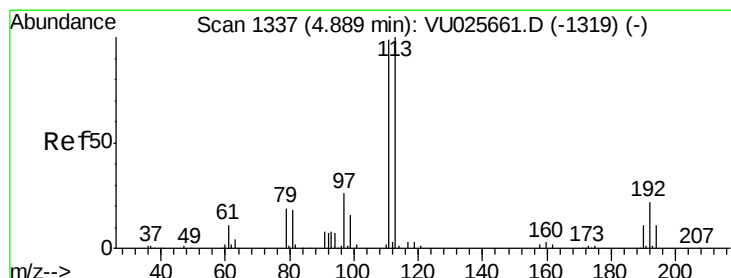
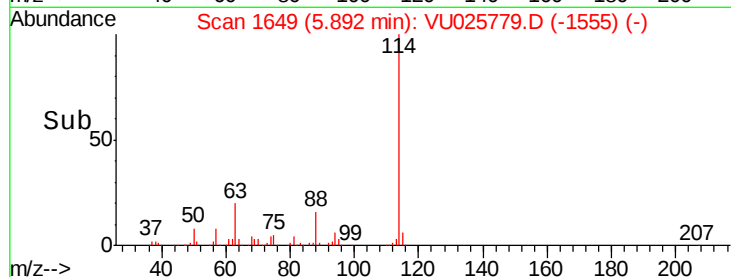
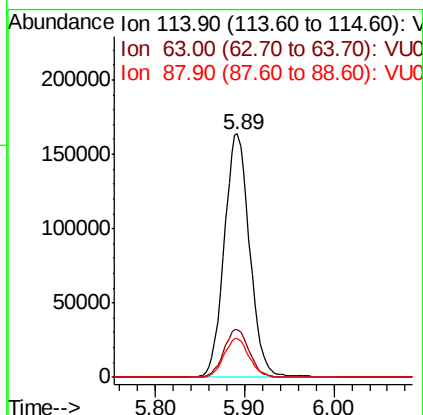
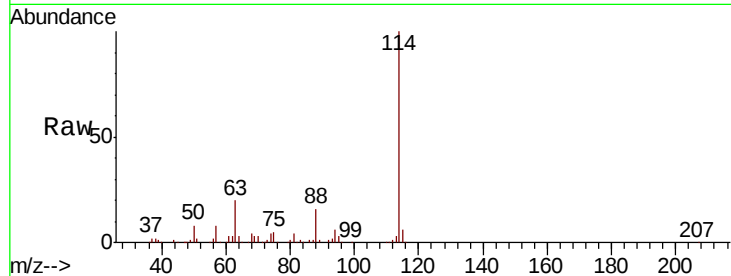




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025779.D
 Acq: 01 Aug 2018 16:18

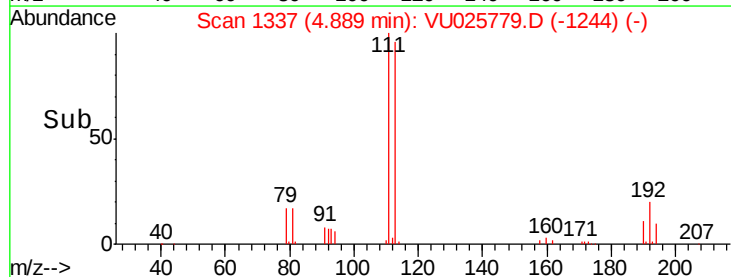
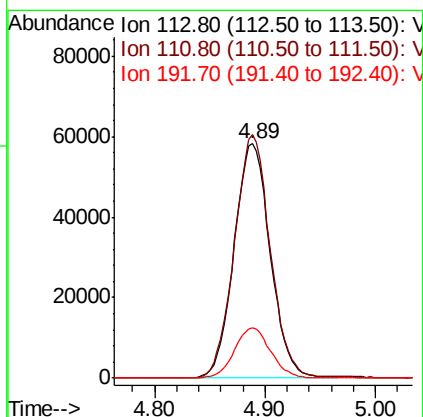
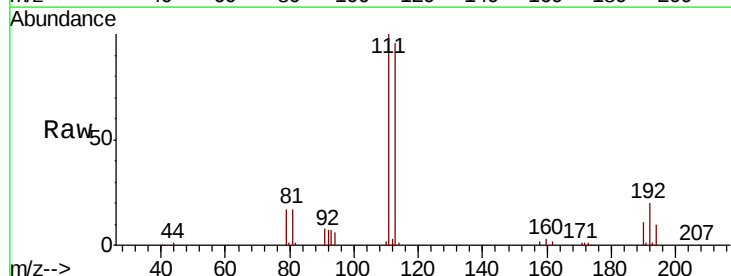
Instrument :
 MSVOA_U
 ClientSampleId :
 GW-03

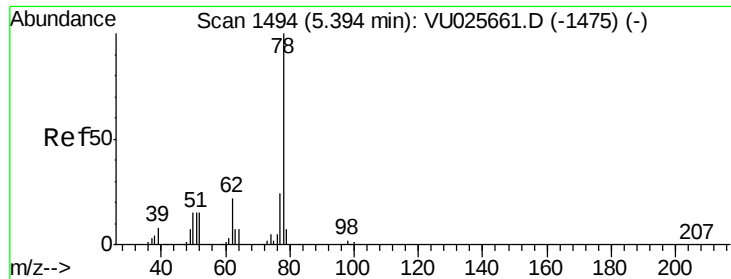
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.6
88	15.9	0.0	32.4



#35
 Dibromofluoromethane
 Concen: 47.191 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VU025779.D
 Acq: 01 Aug 2018 16:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.7	122.5
192	21.4	17.1	25.7

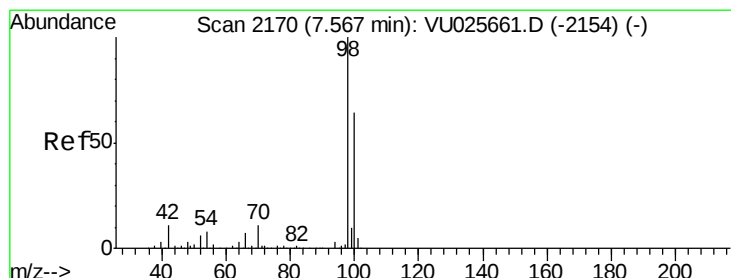
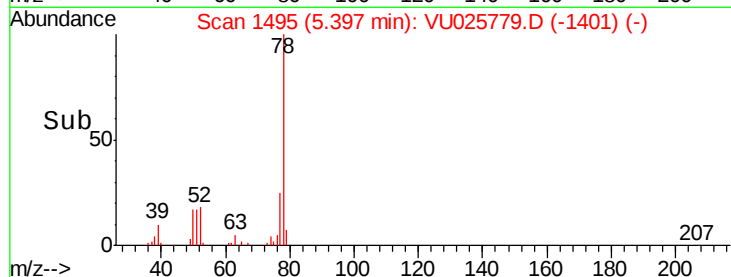
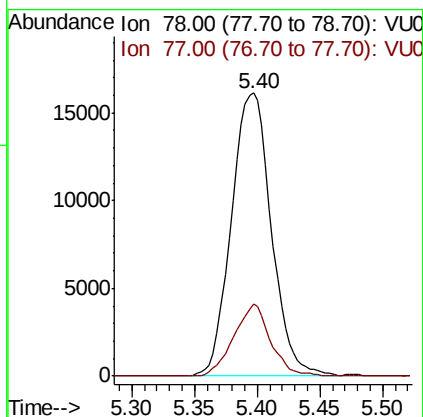
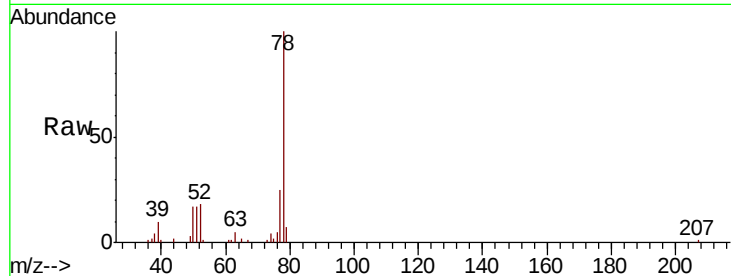




#40
Benzene
Concen: 3.235 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU025779.D
Acq: 01 Aug 2018 16:18

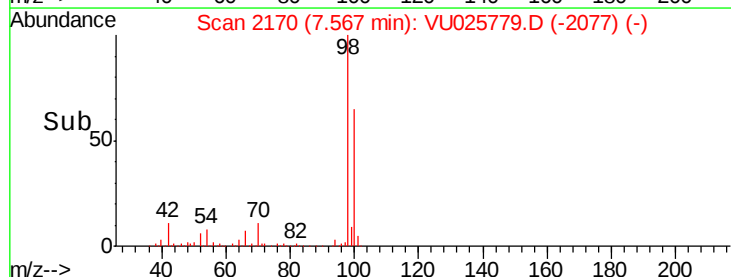
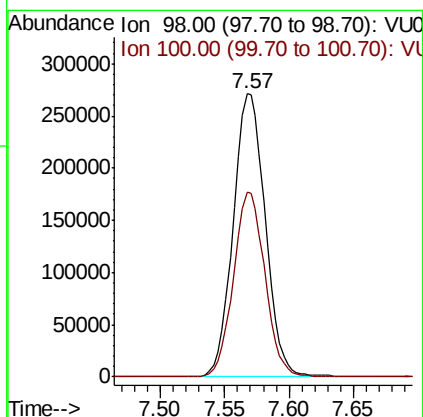
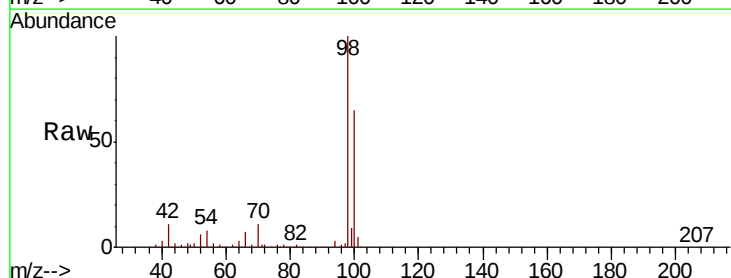
Instrument :
MSVOA_U
ClientSampleId :
GW-03

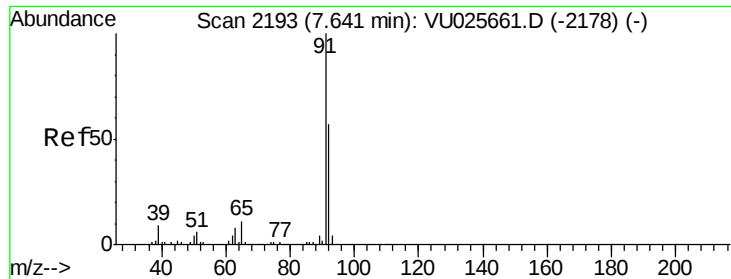
Tot Ion: 78 Resp: 35750
Ion Ratio Lower Upper
78 100
77 25.4 19.8 29.6



#50
Toluene-d8
Concen: 47.624 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025779.D
Acq: 01 Aug 2018 16:18

Tgt Ion: 98 Resp: 468875
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7





#52

Toluene

Concen: 0.484 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025779.D

Acq: 01 Aug 2018 16:18

Instrument :

MSVOA_U

ClientSampleId :

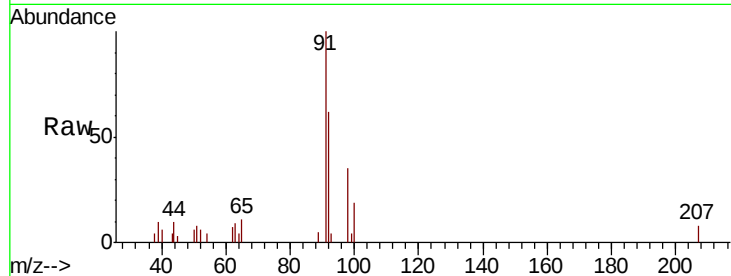
GW-03

Tot Ion: 92 Resp: 3326

Ion Ratio Lower Upper

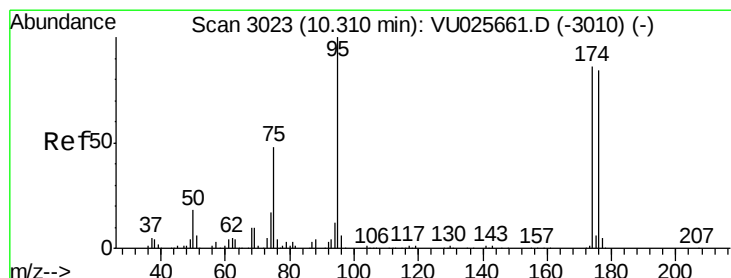
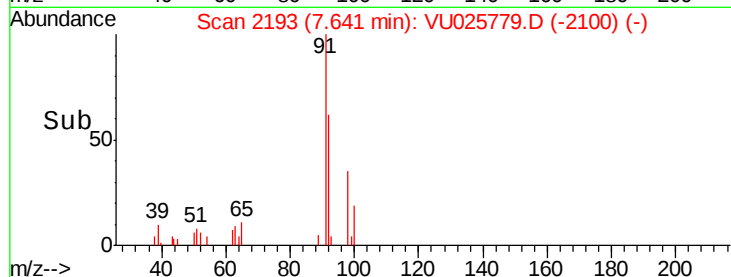
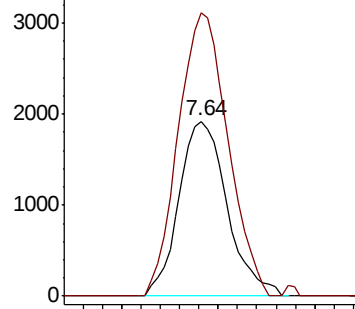
92 100

91 166.8 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 48.596 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025779.D

Acq: 01 Aug 2018 16:18

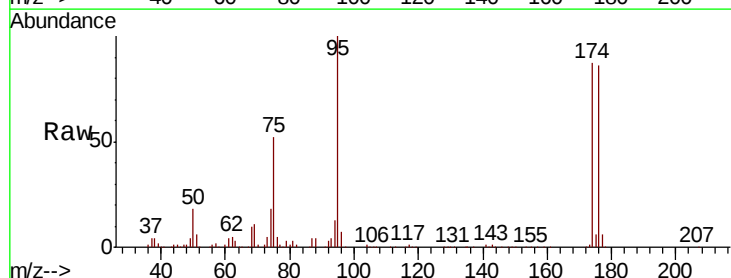
Tgt Ion: 95 Resp: 185703

Ion Ratio Lower Upper

95 100

174 87.3 0.0 172.2

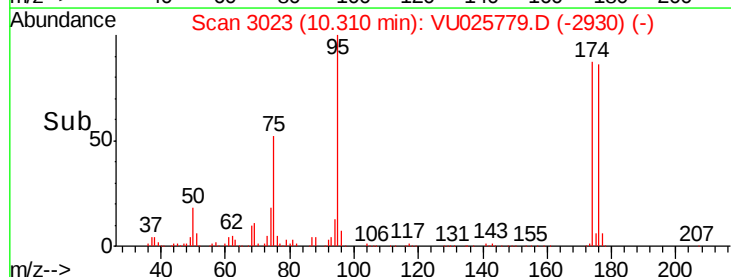
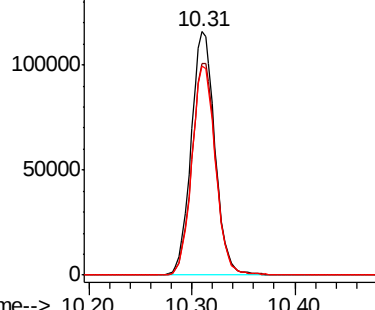
176 85.1 0.0 162.6

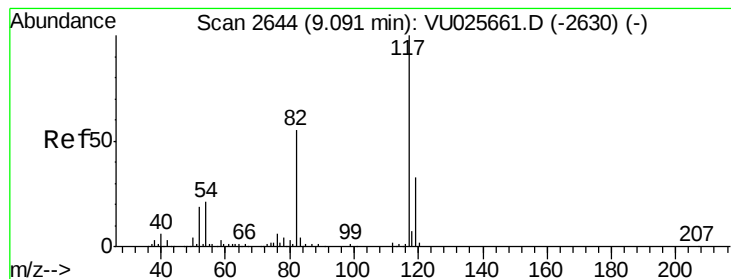


Abundance Ion 94.90 (94.60 to 95.60): VU0

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# 2644

Delta R.T. -0.00 min

Lab File: VU025779.D

Acq: 01 Aug 2018 16:18

Instrument :

MSVOA_U

ClientSampleId :

GW-03

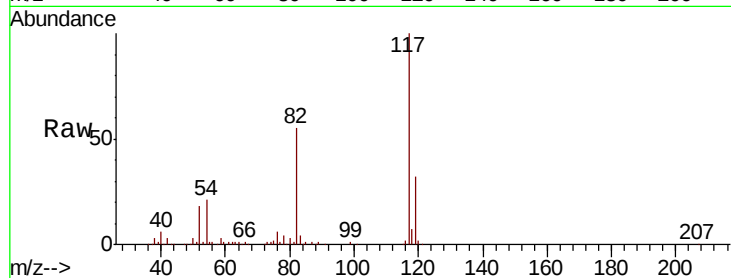
Tot Ion:117 Resp: 318258

Ion Ratio Lower Upper

117 100

82 54.6 46.0 69.0

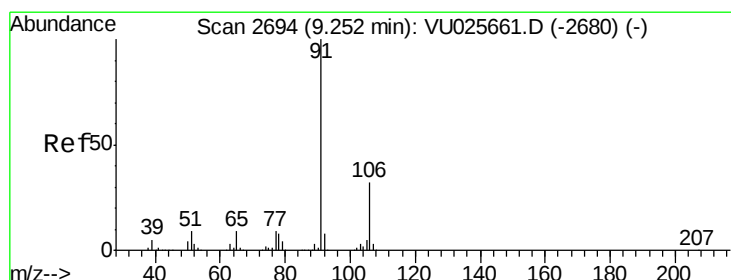
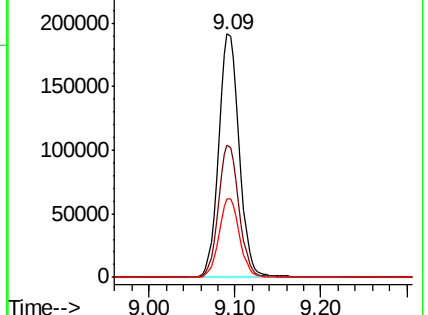
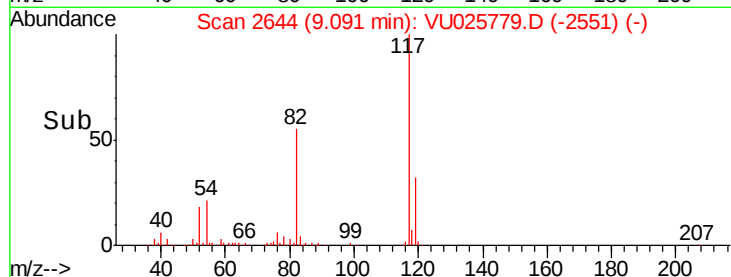
119 32.3 26.0 39.0



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: 0.736 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU025779.D

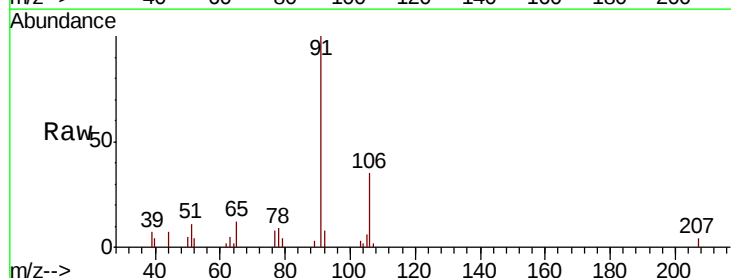
Acq: 01 Aug 2018 16:18

Tgt Ion: 91 Resp: 10009

Ion Ratio Lower Upper

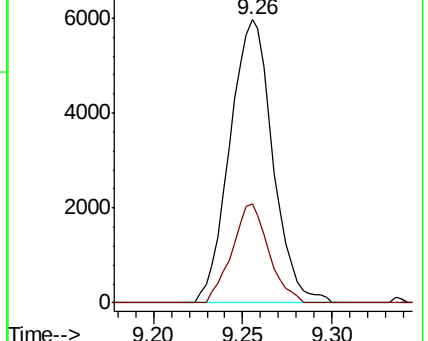
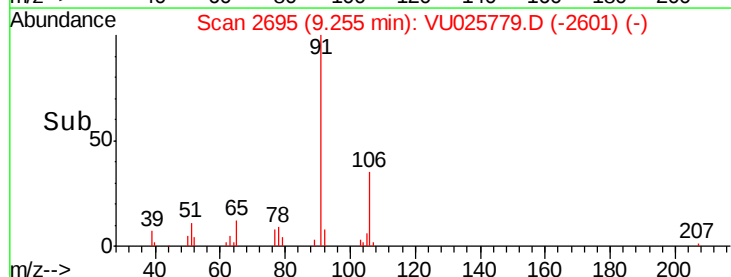
91 100

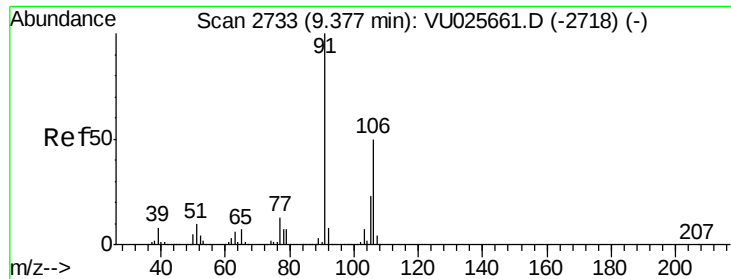
106 35.1 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

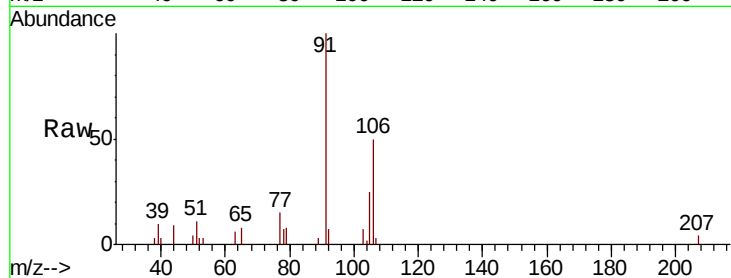




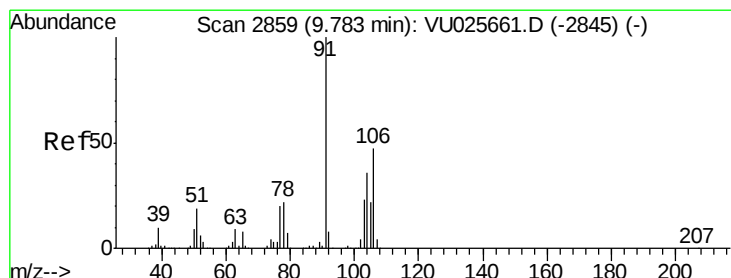
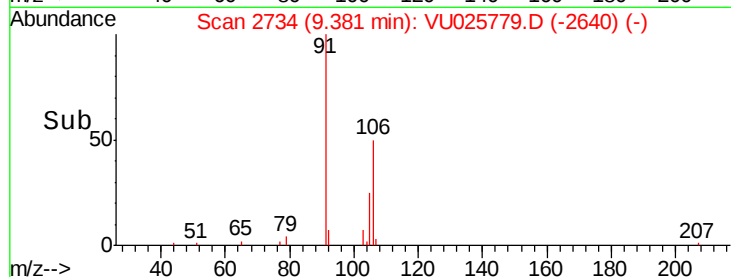
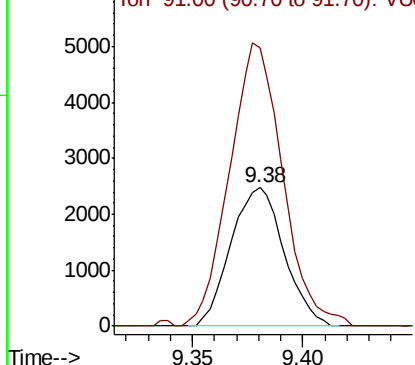
#68
m/p-Xylenes
Concen: 0.797 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025779.D
Acq: 01 Aug 2018 16:18

Instrument :
MSVOA_U
ClientSampleId :
GW-03

Tot Ion:106 Resp: 4160
Ion Ratio Lower Upper
106 100
91 203.9 162.3 243.5

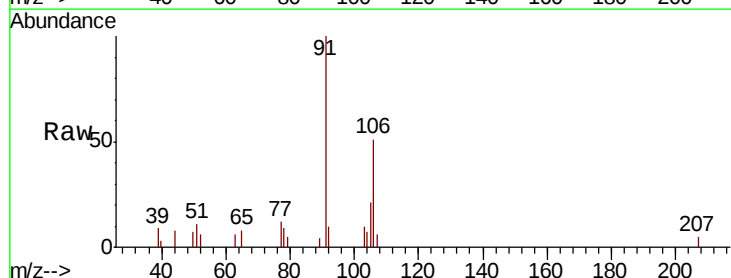


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

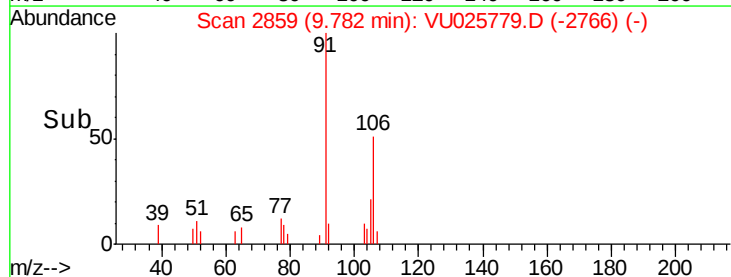
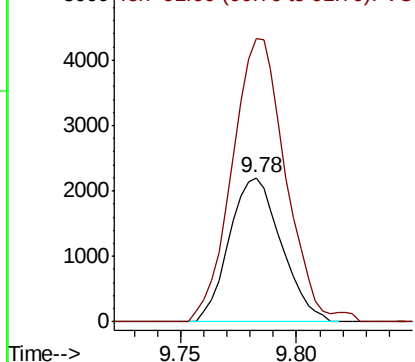


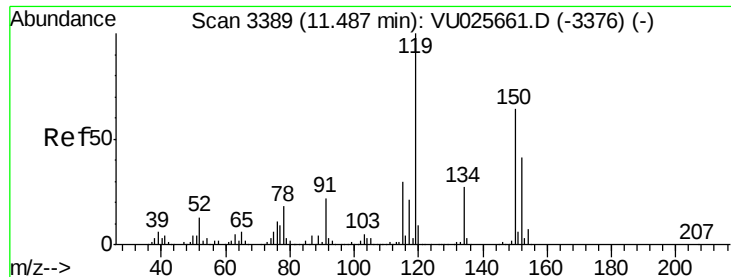
#69
o-Xylene
Concen: 0.672 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025779.D
Acq: 01 Aug 2018 16:18

Tgt Ion:106 Resp: 3426
Ion Ratio Lower Upper
106 100
91 202.7 105.3 315.8



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: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025779.D

Acq: 01 Aug 2018 16:18

Instrument :

MSVOA_U

ClientSampleId :

GW-03

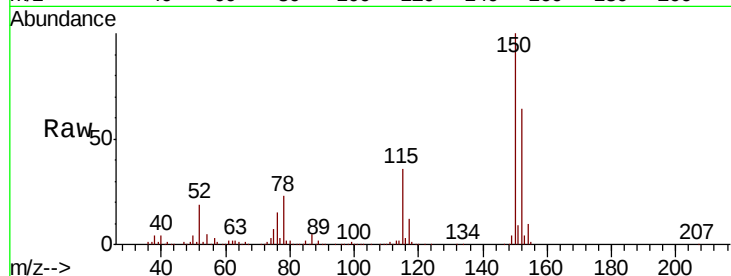
Tot Ion:152 Resp: 198156

Ion Ratio Lower Upper

152 100

115 55.9 40.1 120.3

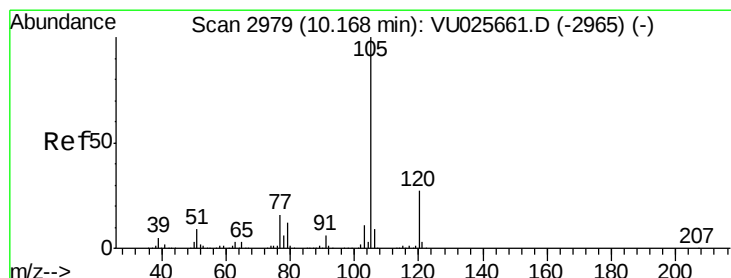
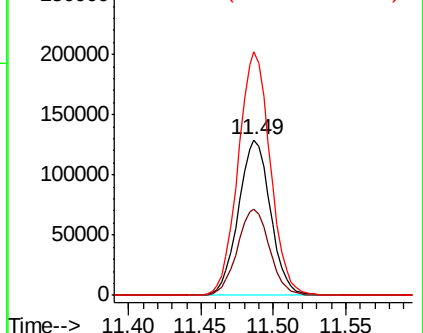
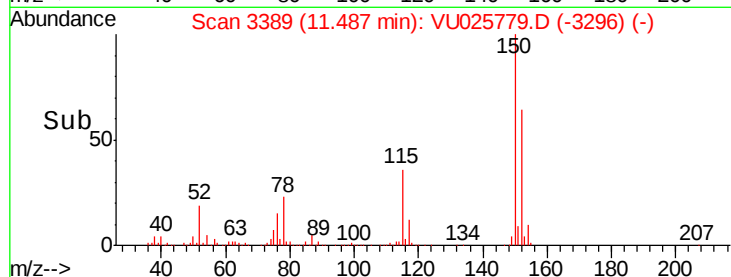
150 157.0 0.0 351.4



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: 0.403 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025779.D

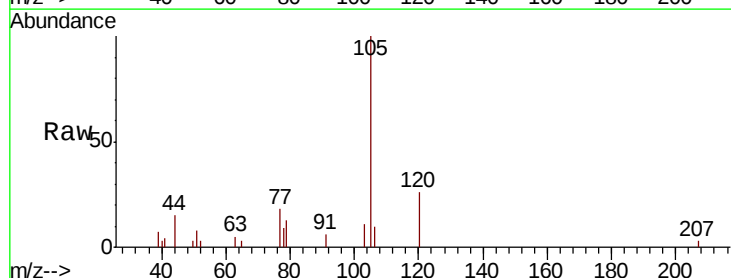
Acq: 01 Aug 2018 16:18

Tgt Ion:105 Resp: 5445

Ion Ratio Lower Upper

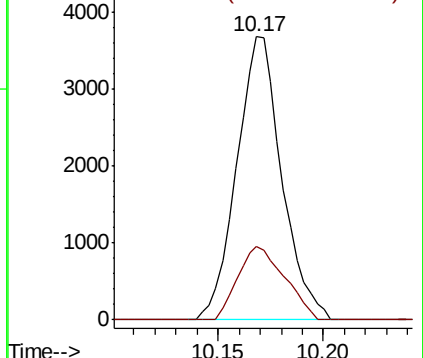
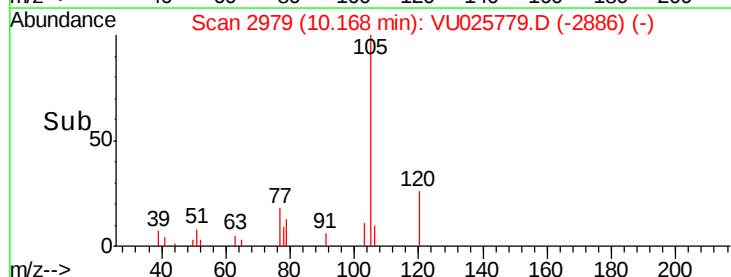
105 100

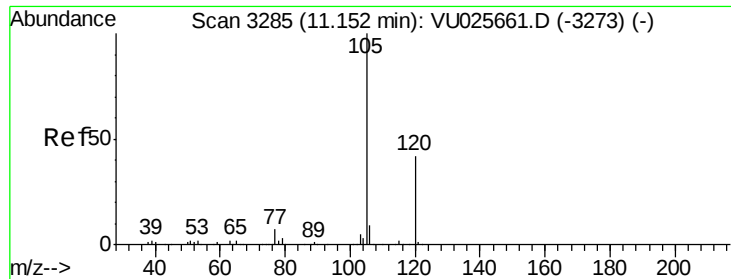
120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

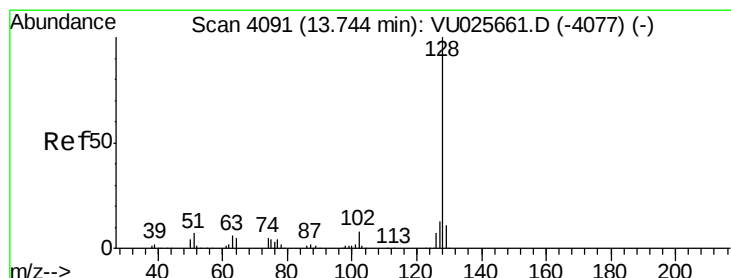
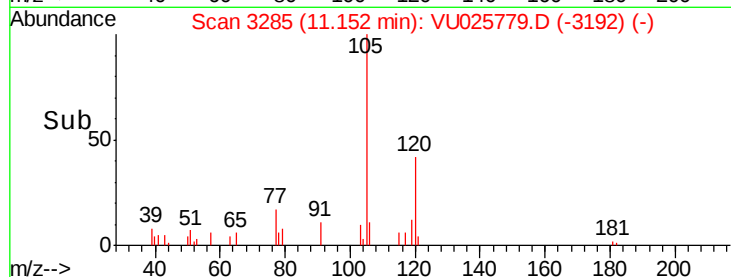
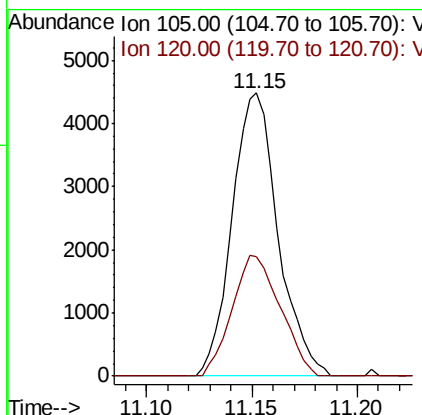
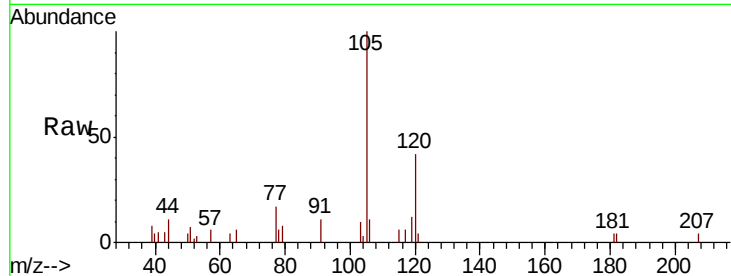




#84
 1,2,4-Trimethylbenzene
 Concen: 0.582 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. -0.00 min
 Lab File: VU025779.D
 Acq: 01 Aug 2018 16:18

Instrument :
 MSVOA_U
 ClientSampled :
 GW-03

Tot Ion:105 Resp: 6780
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.8



#95
 Naphthalene
 Concen: 36.527 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025779.D
 Acq: 01 Aug 2018 16:18

Tgt Ion:128 Resp: 532373
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.5 15.7
 129 11.0 8.3 12.5

