

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073018\
 Data File : VU025716.D
 Acq On : 30 Jul 2018 11:57
 Operator : MD/SY
 Sample : J4208-02DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0512DL

Quant Time: Jul 30 18:36:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

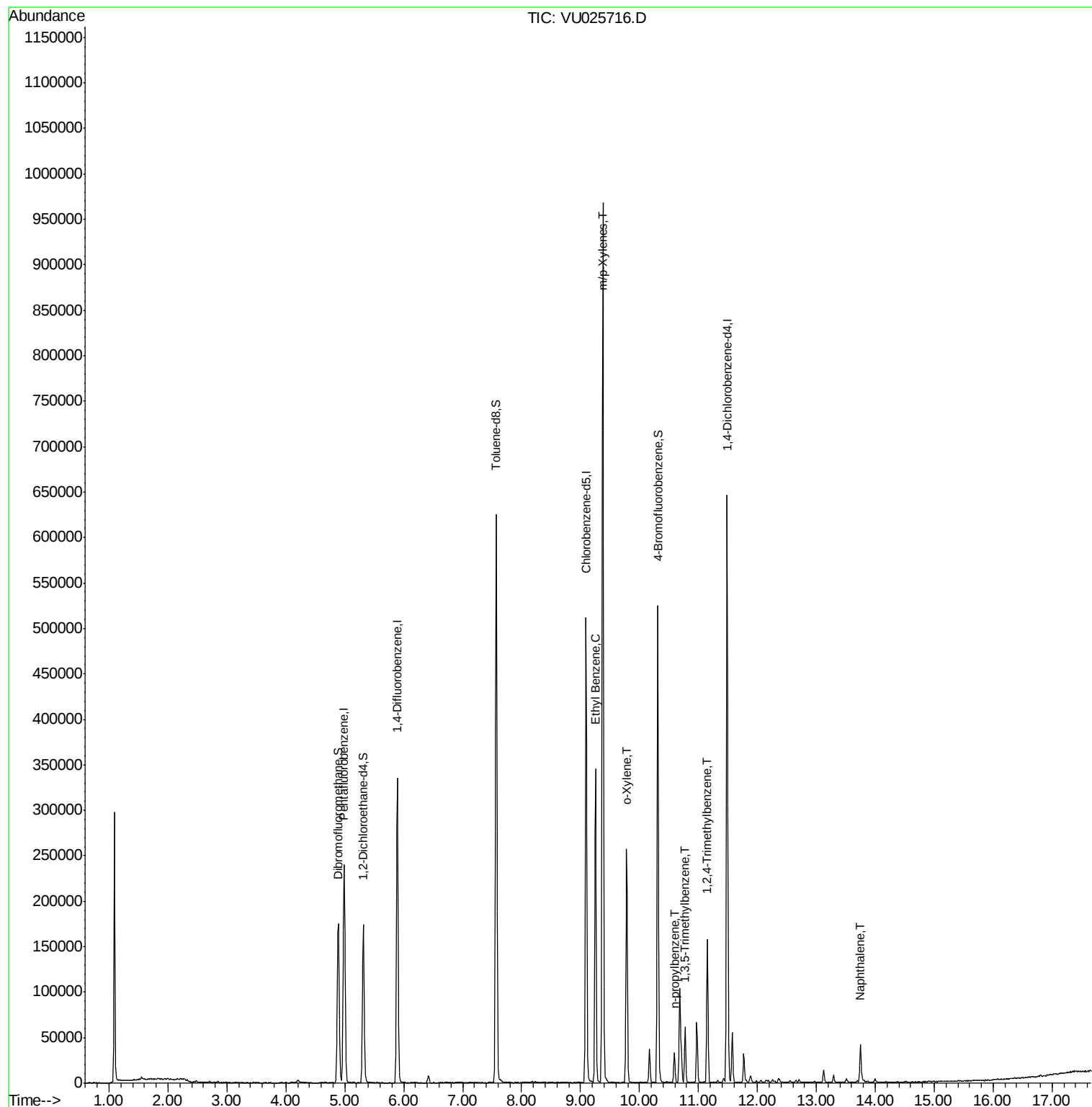
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	182434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	287487	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	283812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	172026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	137669	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
35) Dibromofluoromethane	4.89	113	117516	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
50) Toluene-d8	7.57	98	417559	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	10.31	95	166089	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
Target Compounds						
67) Ethyl Benzene	9.25	91	236741	19.53	ug/l	99
68) m/p-Xylenes	9.38	106	278955	59.95	ug/l	100
69) o-Xylene	9.78	106	68392	15.04	ug/l	97
78) n-propylbenzene	10.59	91	25741	1.88	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	33351	3.34	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	88178	8.73	ug/l	99
95) Naphthalene	13.75	128	39401	4.26	ug/l	99

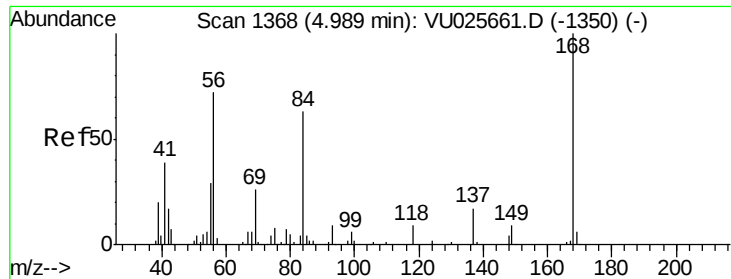
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025716.D

Acq: 30 Jul 2018 11:57

Instrument :

MSVOA_U

ClientSampleId :

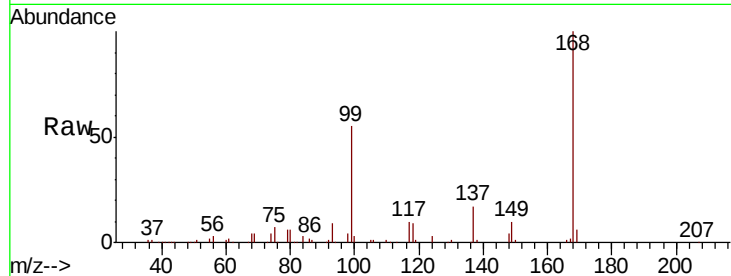
FL-0512DL

Tot Ion:168 Resp: 182434

Ion Ratio Lower Upper

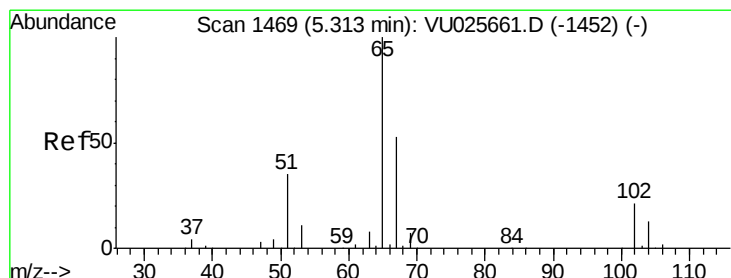
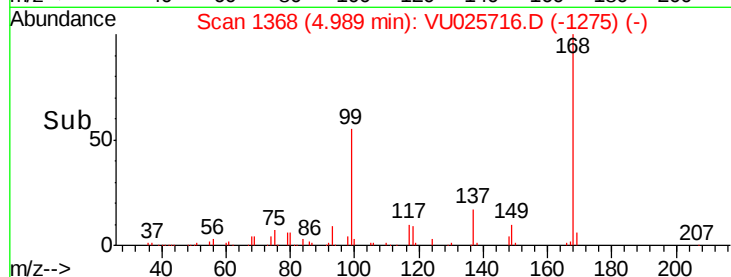
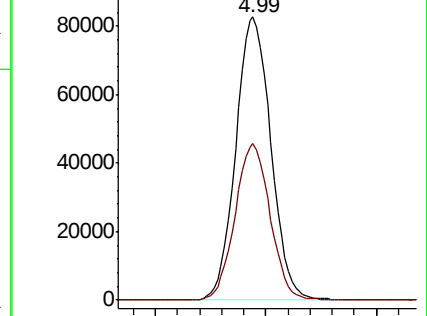
168 100

99 55.2 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025716.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025716.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.43 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025716.D

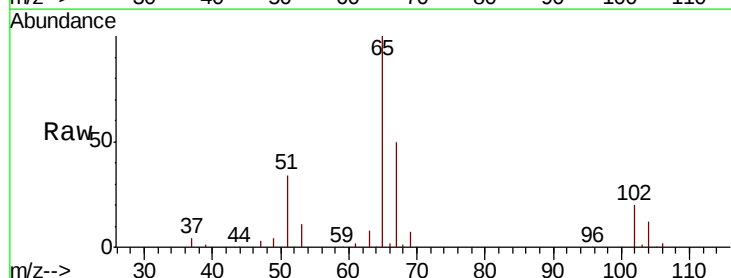
Acq: 30 Jul 2018 11:57

Tgt Ion: 65 Resp: 137669

Ion Ratio Lower Upper

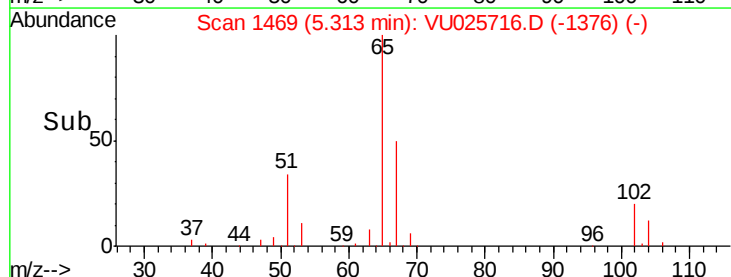
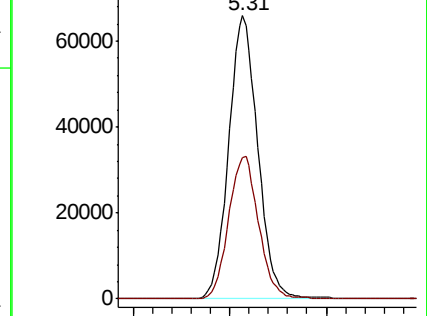
65 100

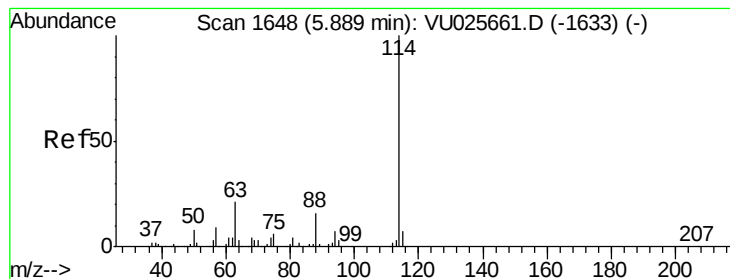
67 51.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025716.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU025716.D (-1376) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025716.D

Acq: 30 Jul 2018 11:57

Instrument :

MSVOA_U

ClientSampleId :

FL-0512DL

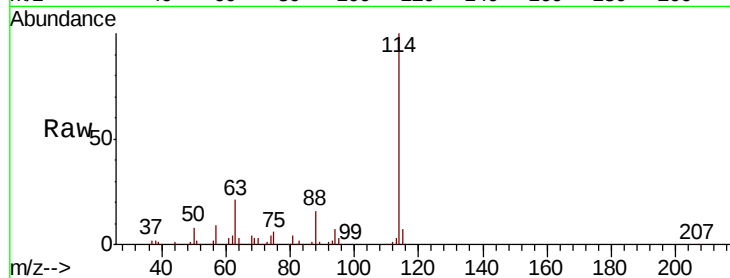
Tot Ion:114 Resp: 287487

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.6

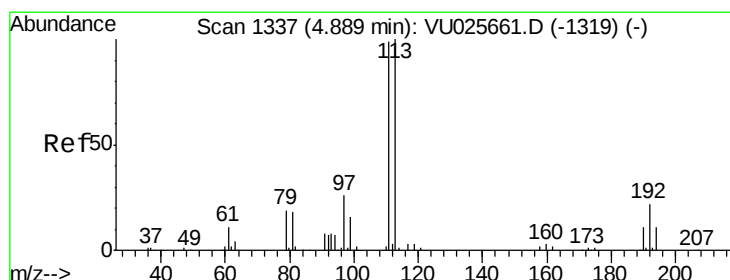
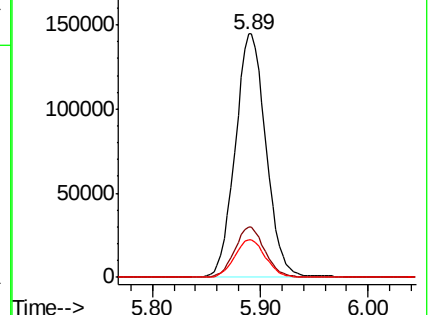
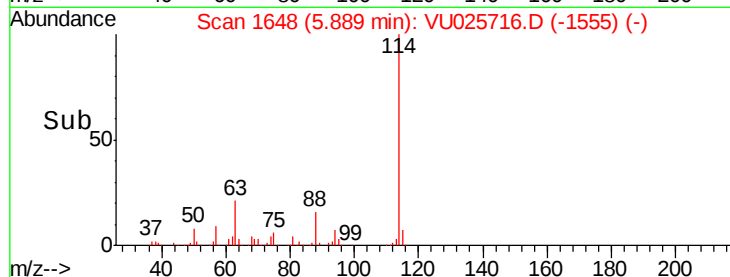
88 15.7 0.0 32.4



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: 47.00 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025716.D

Acq: 30 Jul 2018 11:57

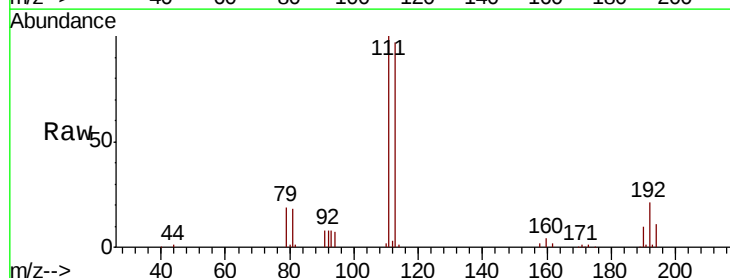
Tgt Ion:113 Resp: 117516

Ion Ratio Lower Upper

113 100

111 104.0 81.7 122.5

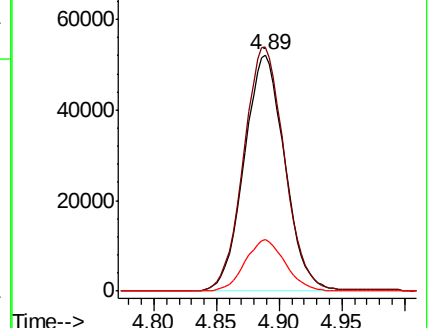
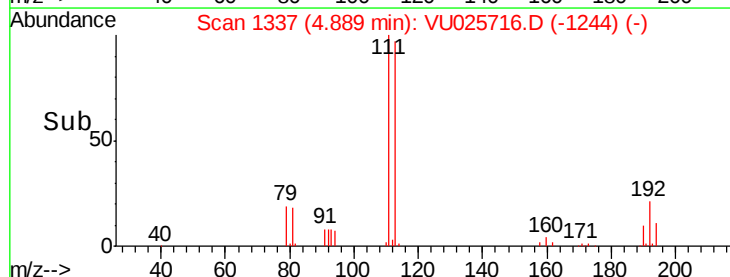
192 21.5 17.1 25.7

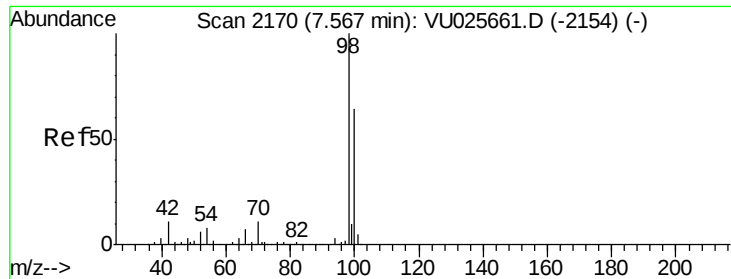


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.72 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025716.D

Acq: 30 Jul 2018 11:57

Instrument :

MSVOA_U

ClientSampled :

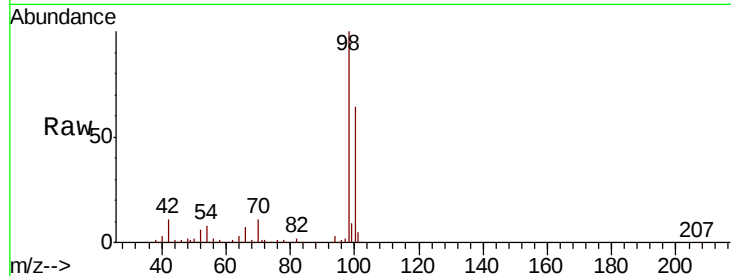
FL-0512DL

Tot Ion: 98 Resp: 417559

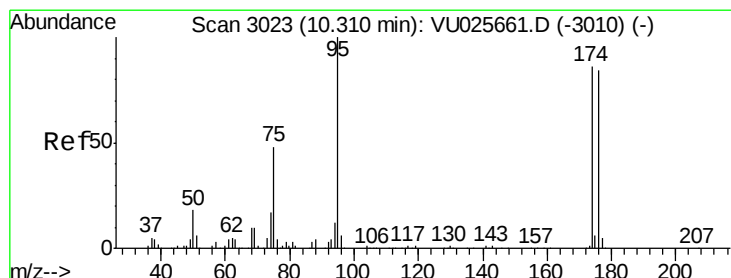
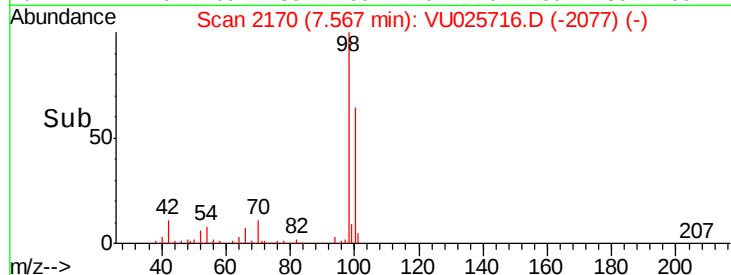
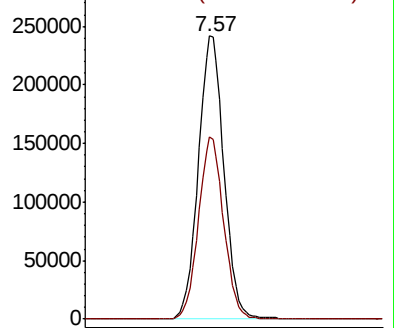
Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU025716.D (-2930) (-)



#62

4-Bromofluorobenzene

Concen: 48.90 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025716.D

Acq: 30 Jul 2018 11:57

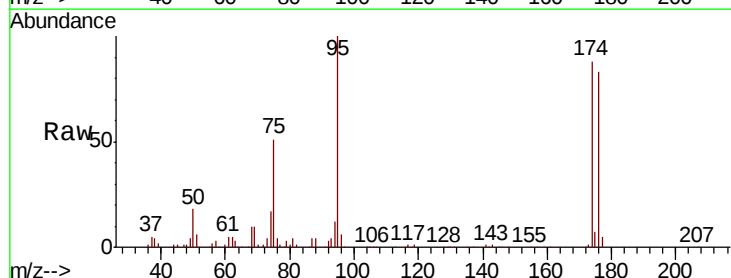
Tgt Ion: 95 Resp: 166089

Ion Ratio Lower Upper

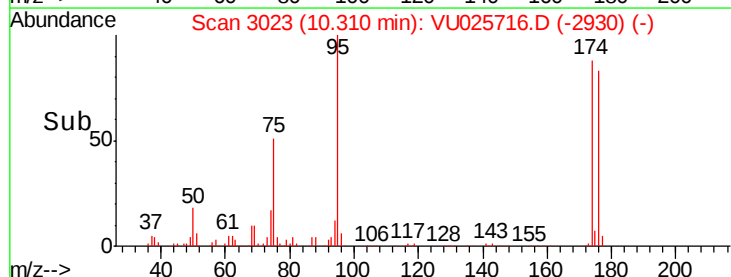
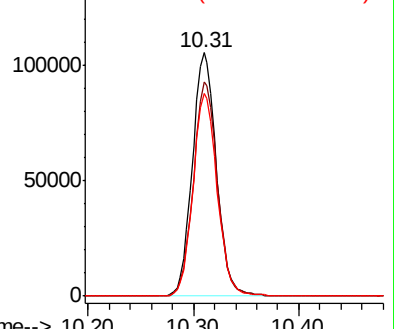
95 100

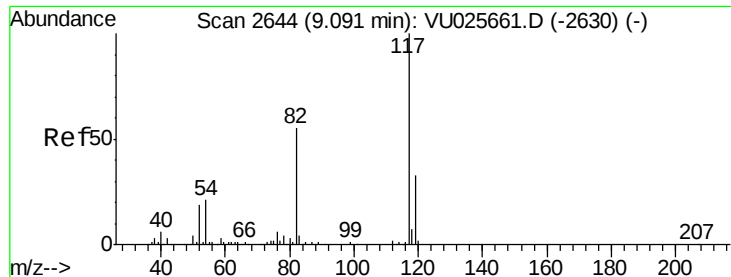
174 88.3 0.0 172.2

176 83.8 0.0 162.6



Abundance Ion 94.90 (94.60 to 95.60): VU025716.D (-2930) (-)

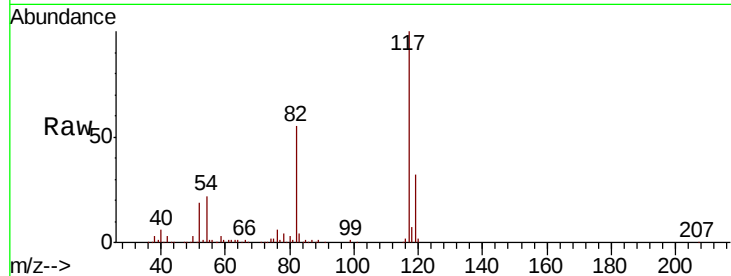




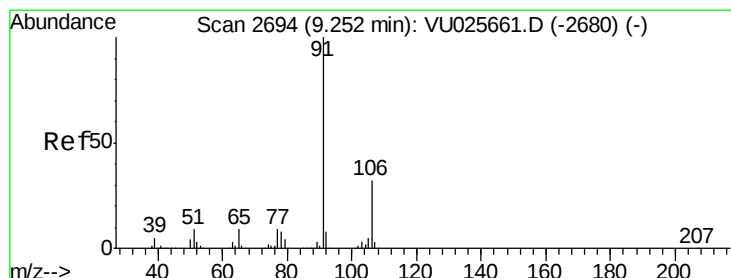
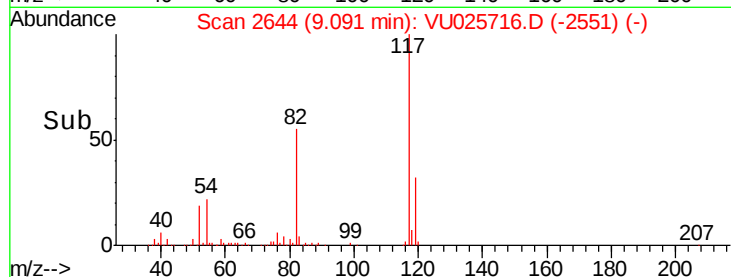
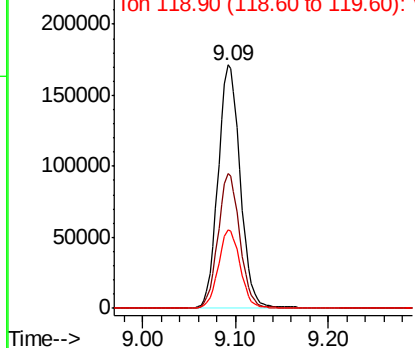
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025716.D
Acq: 30 Jul 2018 11:57

Instrument :
MSVOA_U
ClientSampleId :
FL-0512DL

Tot Ion:117 Resp: 283812
Ion Ratio Lower Upper
117 100
82 55.2 46.0 69.0
119 32.1 26.0 39.0

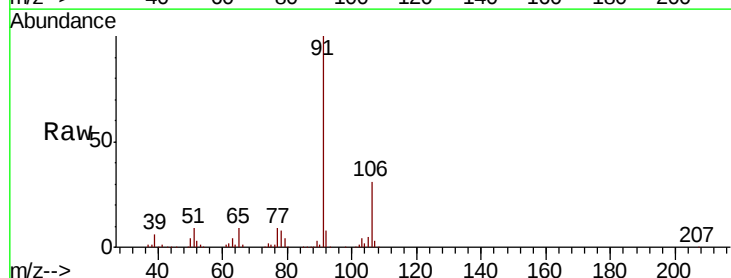


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

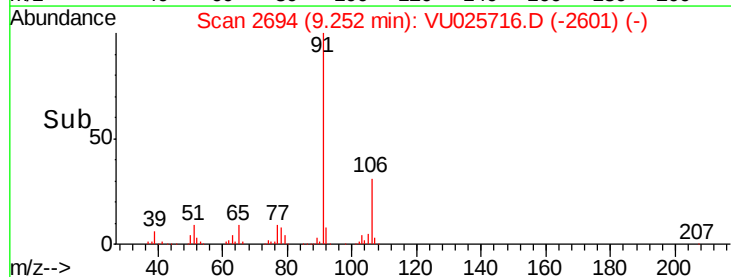
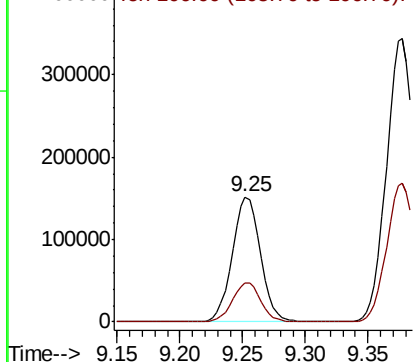


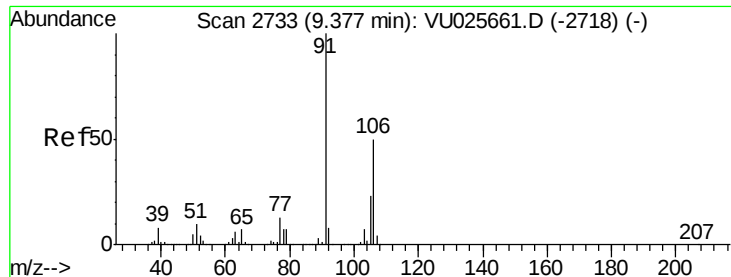
#67
Ethyl Benzene
Concen: 19.53 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025716.D
Acq: 30 Jul 2018 11:57

Tgt Ion: 91 Resp: 236741
Ion Ratio Lower Upper
91 100
106 31.1 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: 59.95 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025716.D

Acq: 30 Jul 2018 11:57

Instrument :

MSVOA_U

ClientSampleId :

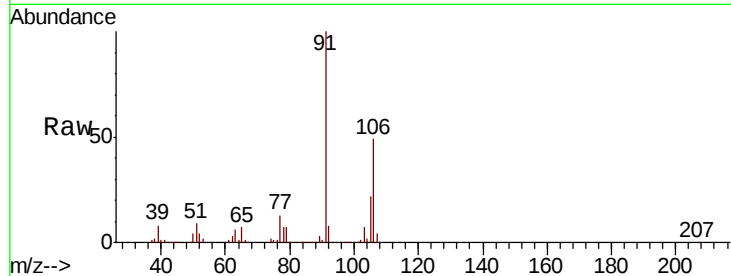
FL-0512DL

Tot Ion:106 Resp: 278955

Ion Ratio Lower Upper

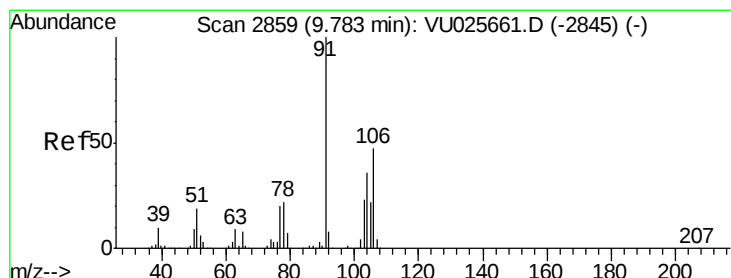
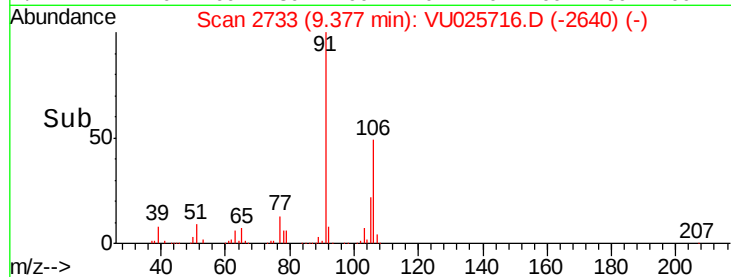
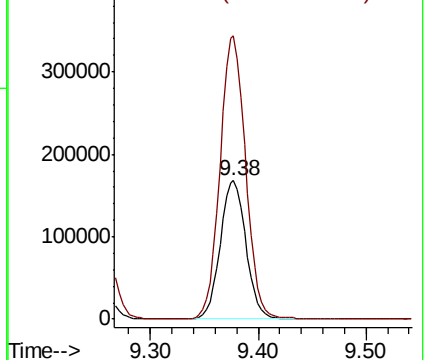
106 100

91 203.0 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 15.04 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025716.D

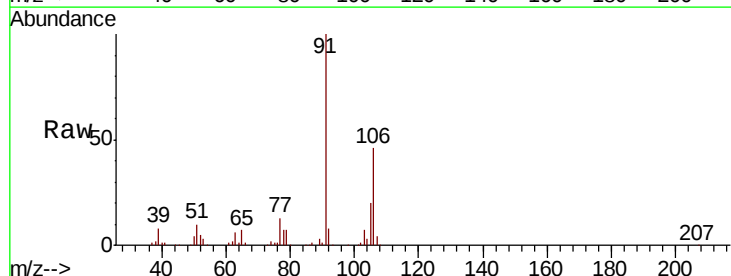
Acq: 30 Jul 2018 11:57

Tgt Ion:106 Resp: 68392

Ion Ratio Lower Upper

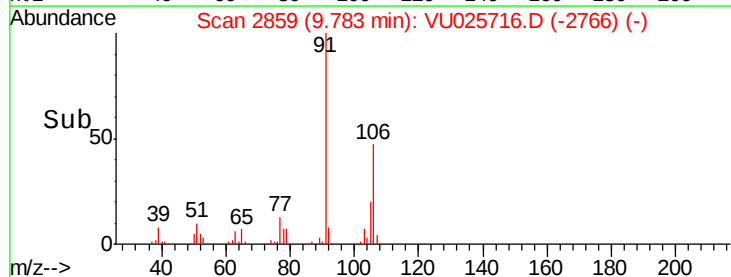
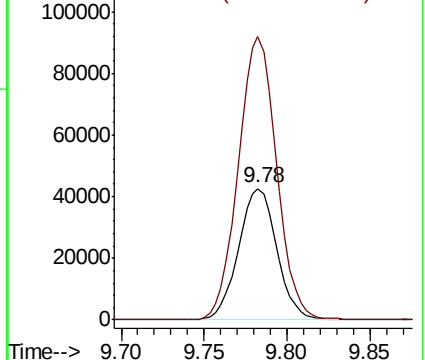
106 100

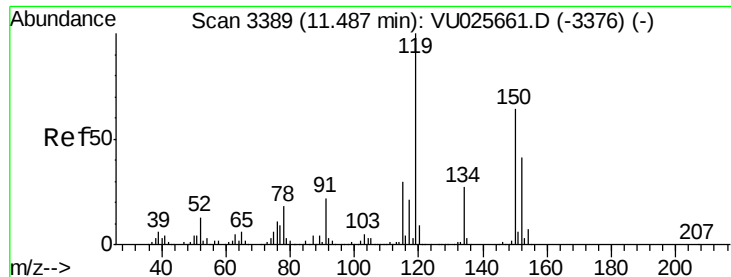
91 215.6 105.3 315.8



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: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025716.D

Acq: 30 Jul 2018 11:57

Instrument :

MSVOA_U

ClientSampleId :

FL-0512DL

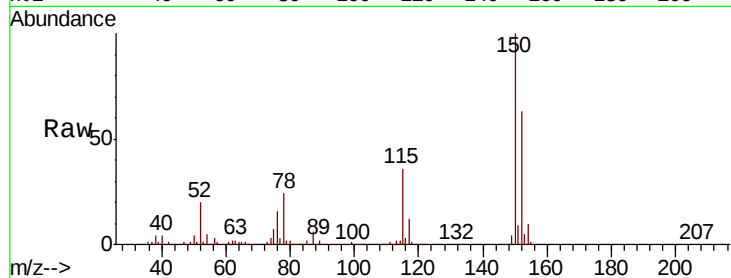
Tot Ion:152 Resp: 172026

Ion Ratio Lower Upper

152 100

115 57.3 40.1 120.3

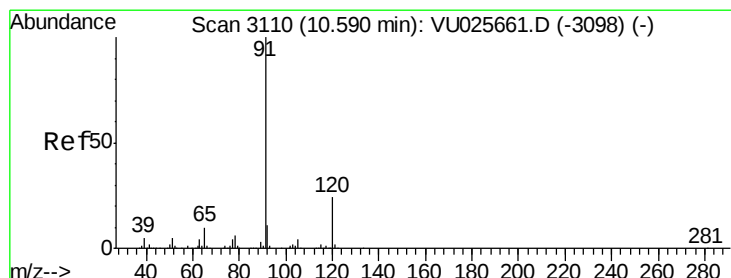
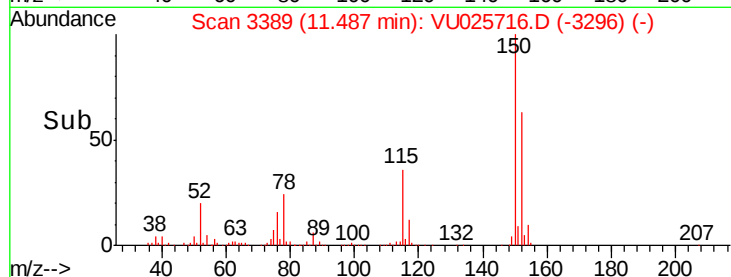
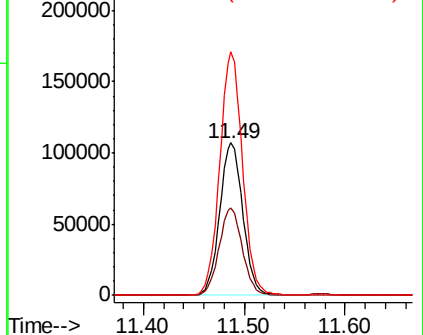
150 156.9 0.0 351.4



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



#78

n-propylbenzene

Concen: 1.88 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025716.D

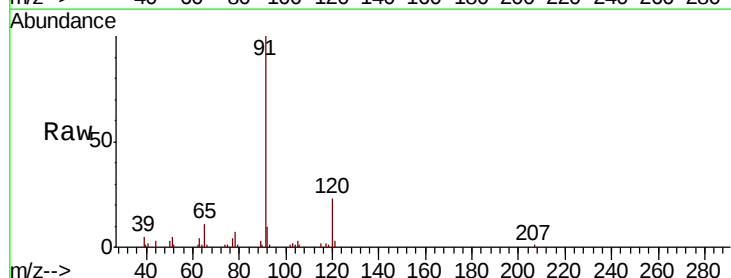
Acq: 30 Jul 2018 11:57

Tgt Ion: 91 Resp: 25741

Ion Ratio Lower Upper

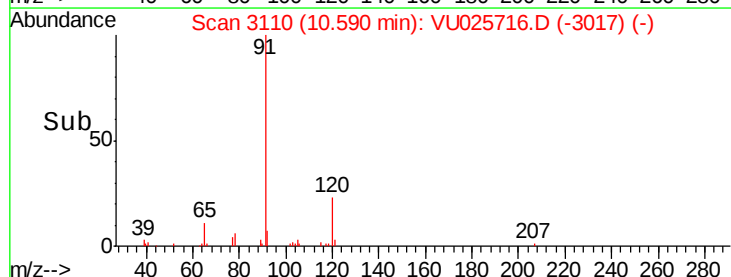
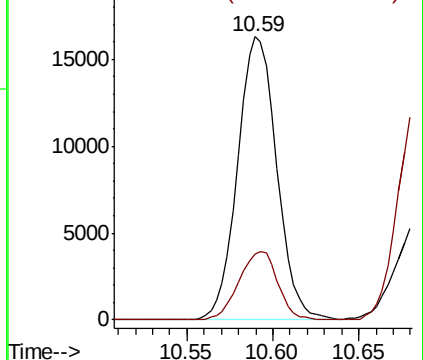
91 100

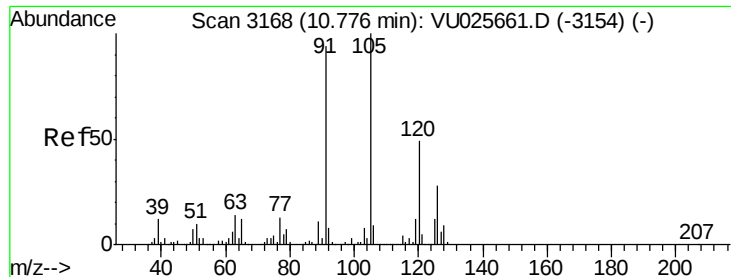
120 23.9 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 3.34 ug/l

RT: 10.77 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VU025716.D

Acq: 30 Jul 2018 11:57

Instrument :

MSVOA_U

ClientSampleId :

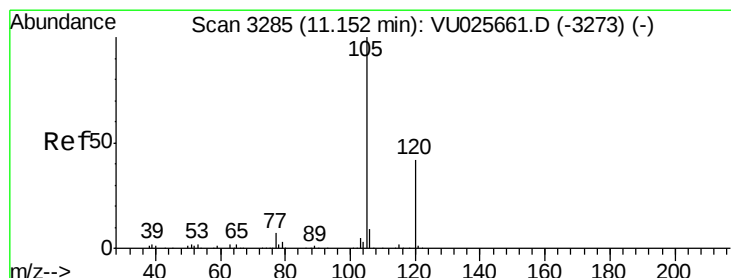
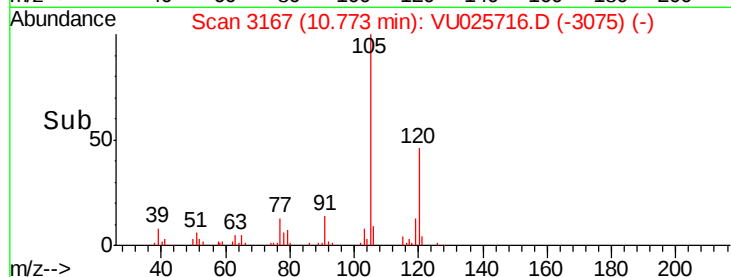
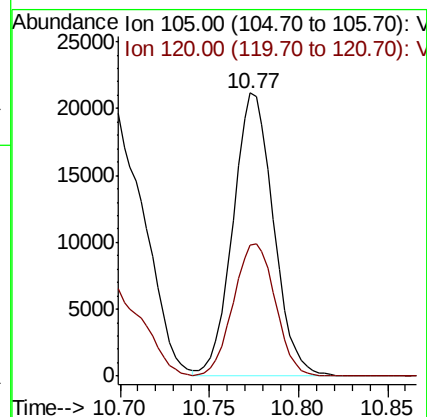
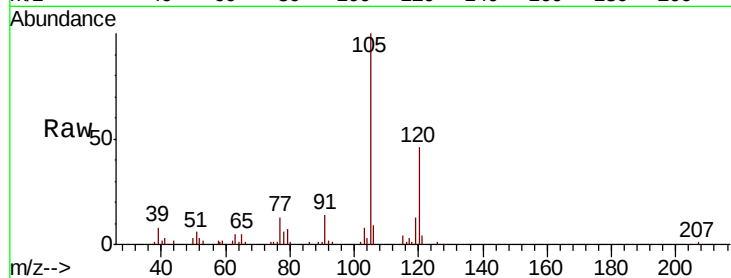
FL-0512DL

Tot Ion:105 Resp: 33351

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2



#84

1,2,4-Trimethylbenzene

Concen: 8.73 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025716.D

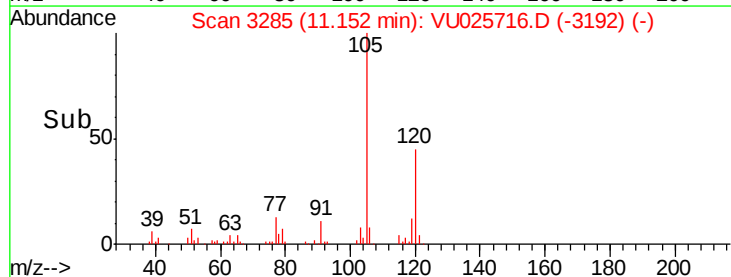
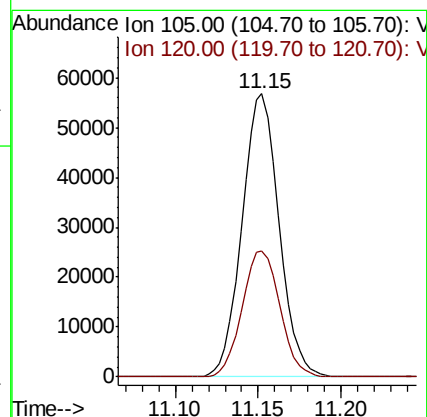
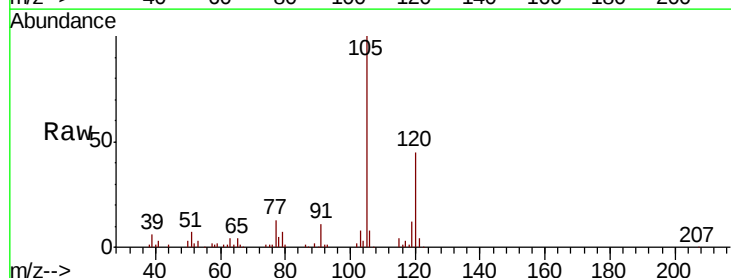
Acq: 30 Jul 2018 11:57

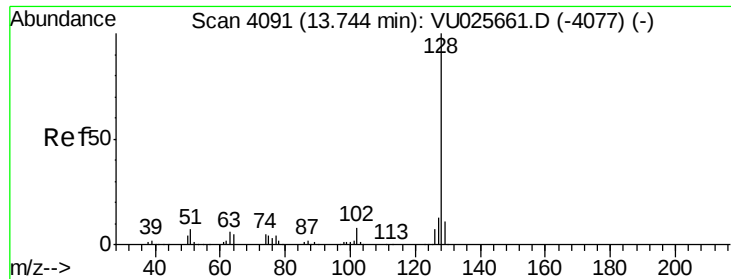
Tgt Ion:105 Resp: 88178

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.8





#95
Naphthalene
Concen: 4.26 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025716.D
Acq: 30 Jul 2018 11:57

Instrument :
MSVOA_U
ClientSampleId :
FL-0512DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.0	8.3	12.5

