

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025708.D
 Acq On : 28 Jul 2018 07:18
 Operator : MD/SY
 Sample : J4208-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0526

Quant Time: Jul 30 09:14:54 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

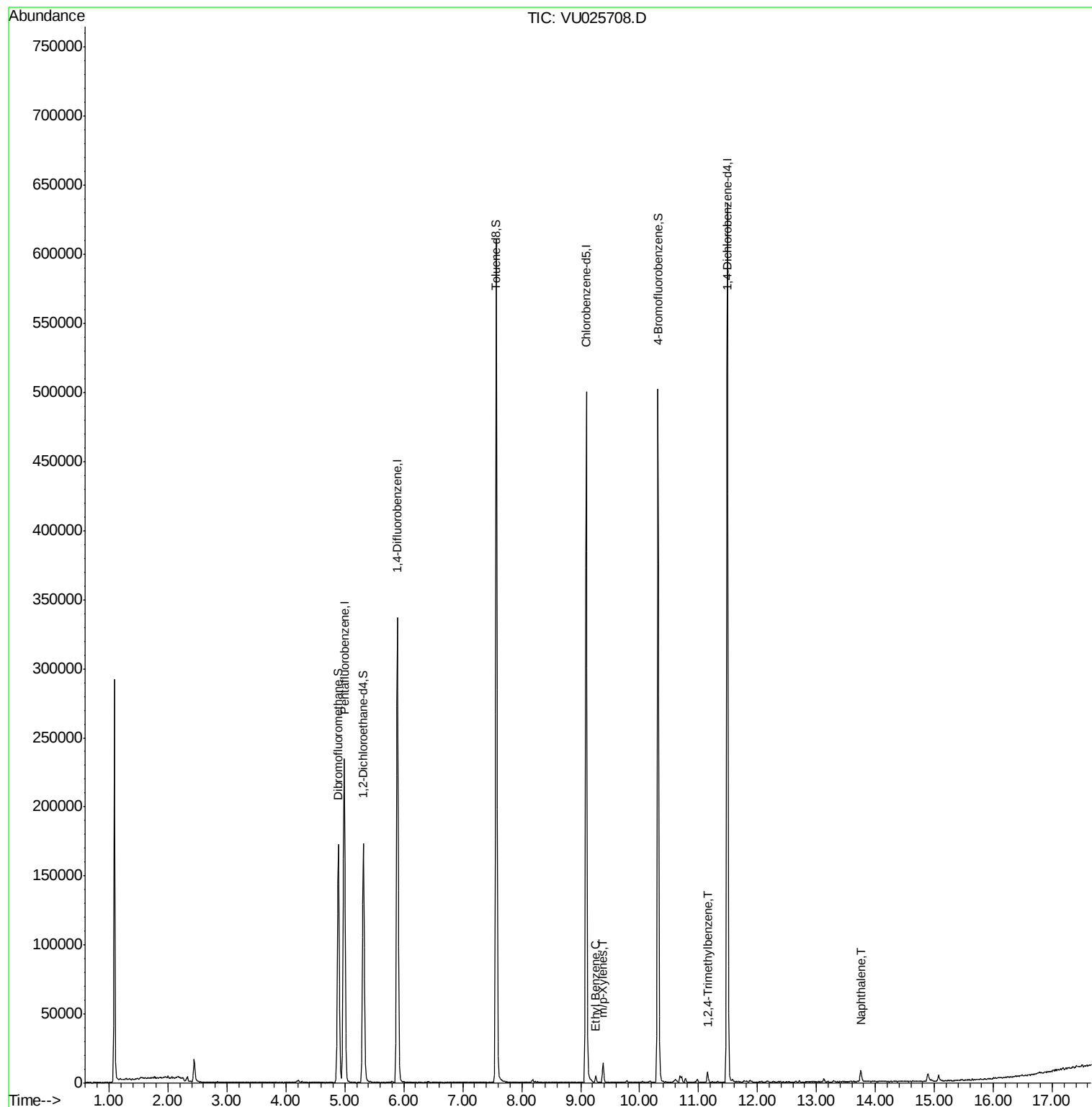
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	180840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	286550	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	142982	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
35) Dibromofluoromethane	4.89	113	117441	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
50) Toluene-d8	7.57	98	410040	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	10.31	95	163560	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
67) Ethyl Benzene	9.26	91	3995	0.33	ug/l	Qvalue 100
68) m/p-Xylenes	9.38	106	4351	0.95	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	4648	0.46	ug/l	92
95) Naphthalene	13.75	128	8979	1.94	ug/l	96

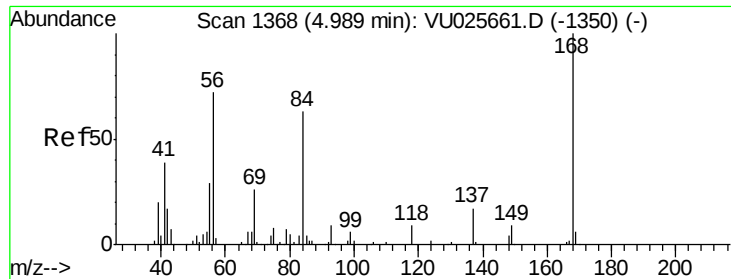
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025708.D

Acq: 28 Jul 2018 07:18

Instrument :

MSVOA_U

ClientSampleId :

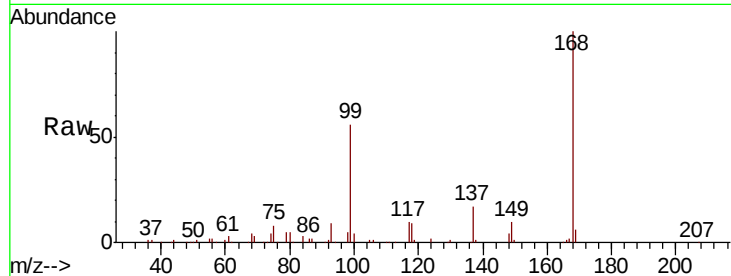
FL-0526

Tot Ion:168 Resp: 180840

Ion Ratio Lower Upper

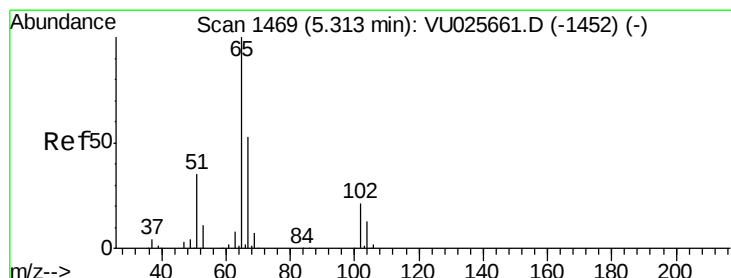
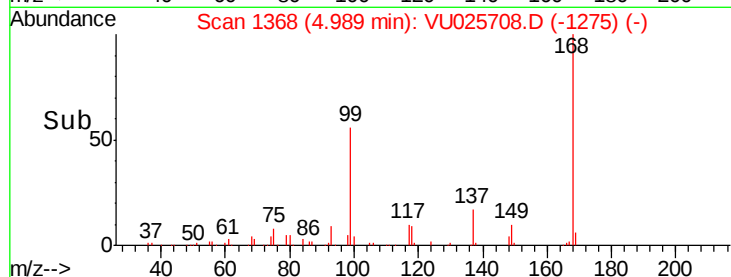
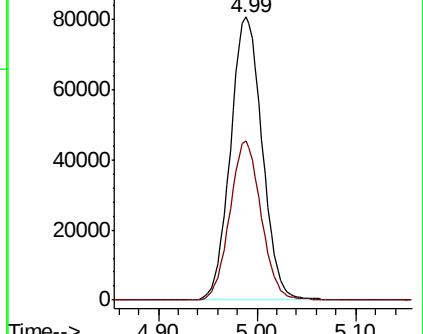
168 100

99 56.1 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.74 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025708.D

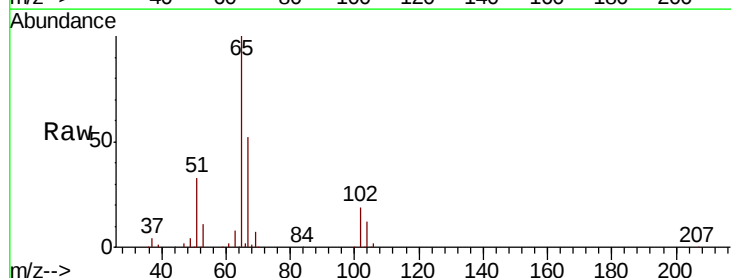
Acq: 28 Jul 2018 07:18

Tgt Ion: 65 Resp: 142982

Ion Ratio Lower Upper

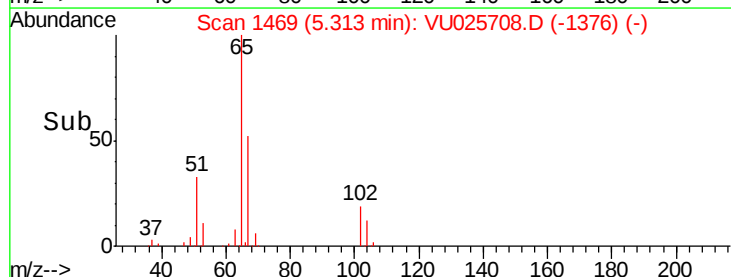
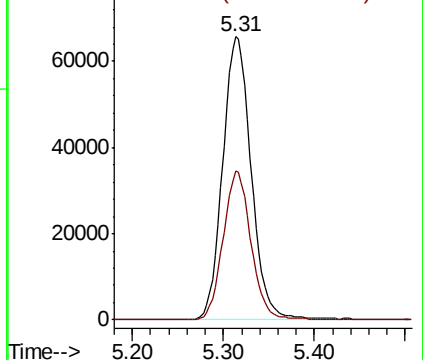
65 100

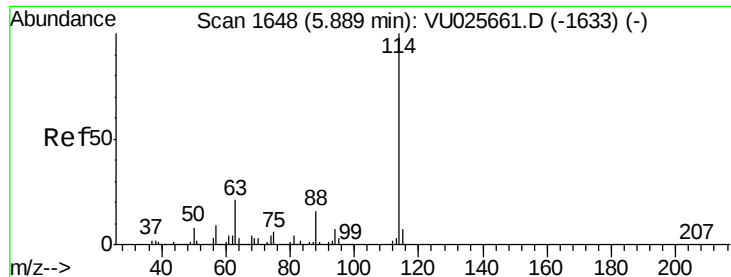
67 51.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)

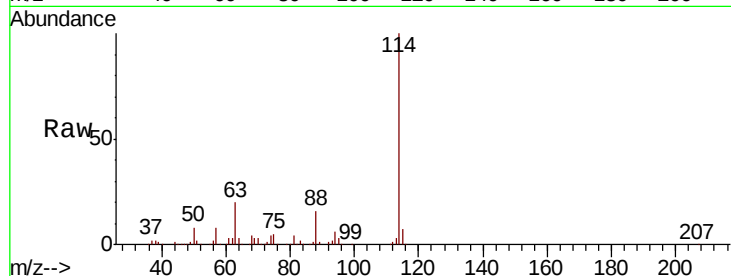




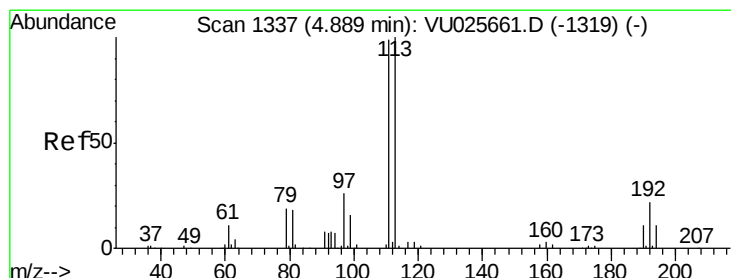
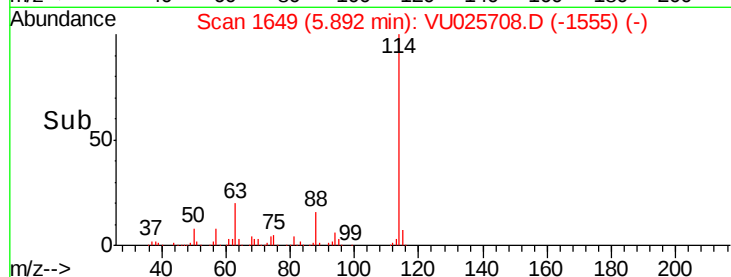
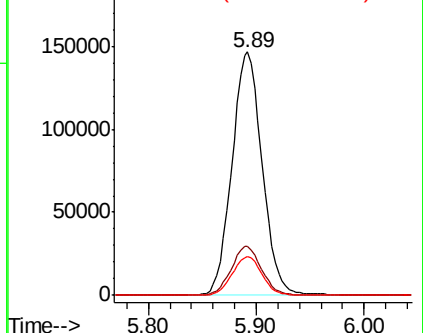
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025708.D
 Acq: 28 Jul 2018 07:18

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0526

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.6
88	15.8	0.0	32.4

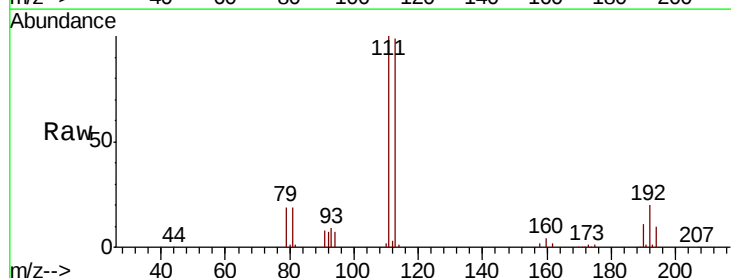


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

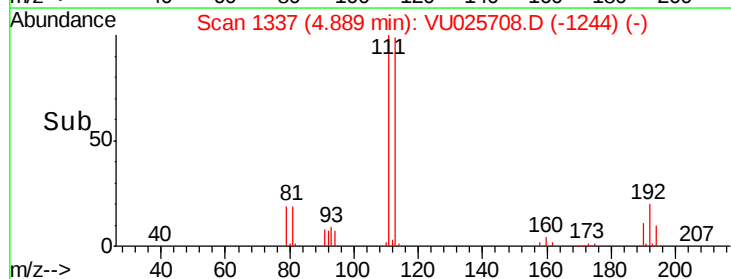
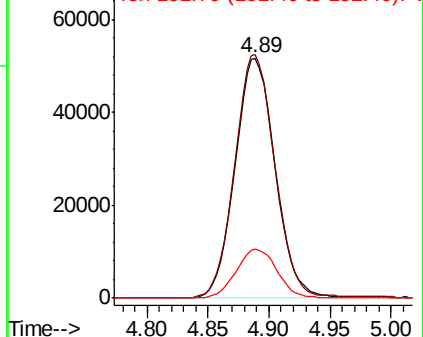


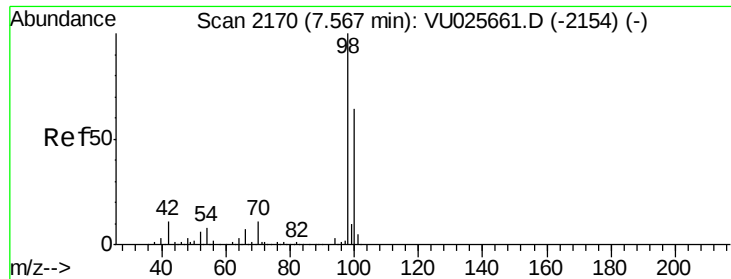
#35
 Dibromofluoromethane
 Concen: 47.12 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025708.D
 Acq: 28 Jul 2018 07:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	20.9	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

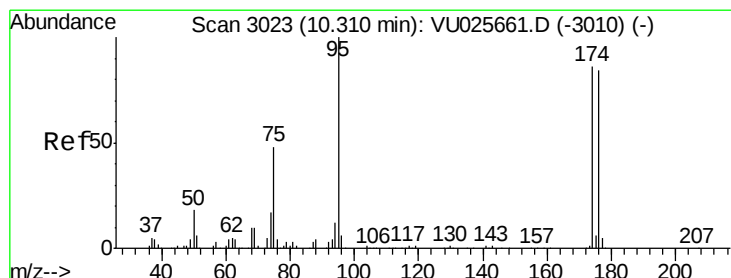
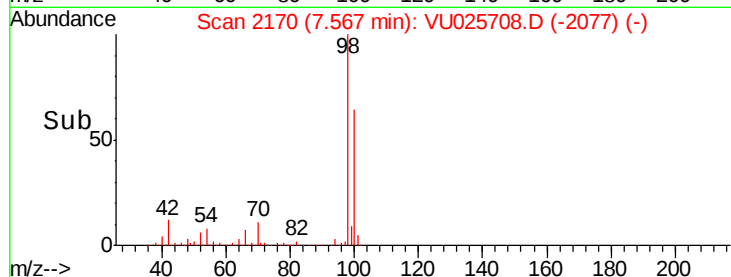
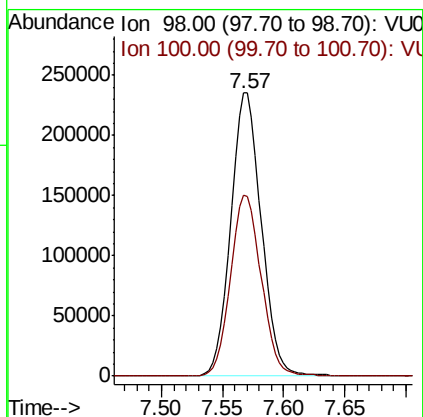
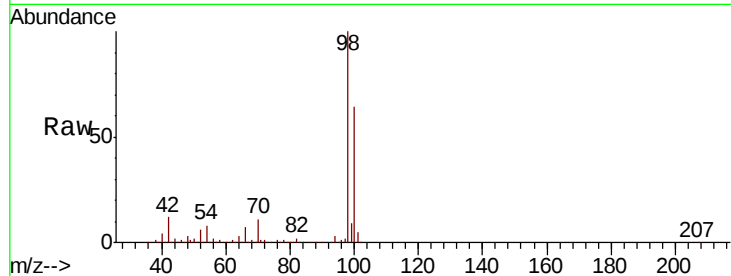




#50
Toluene-d8
Concen: 47.02 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025708.D
Acq: 28 Jul 2018 07:18

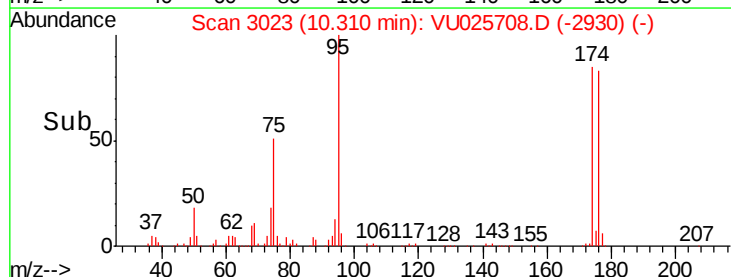
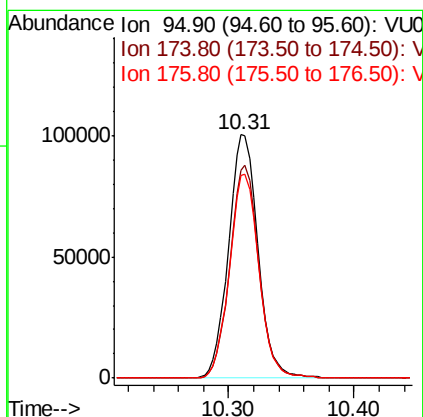
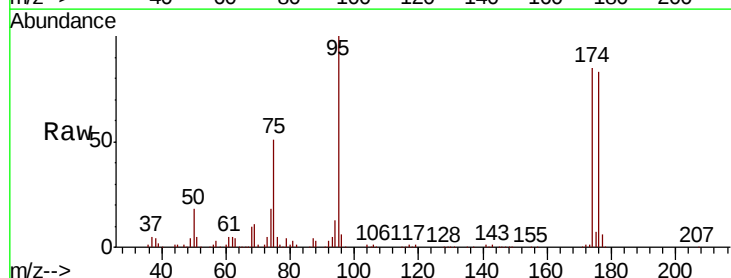
Instrument :
MSVOA_U
ClientSampleId :
FL-0526

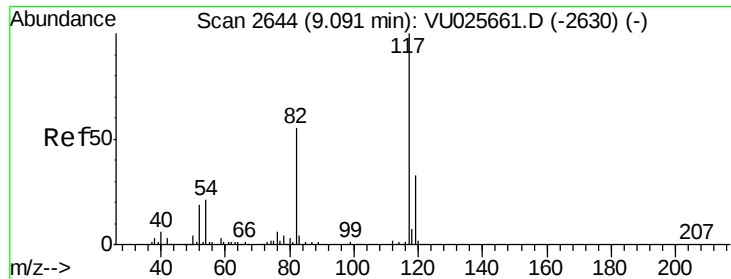
Tot Ion: 98 Resp: 410040
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 48.32 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025708.D
Acq: 28 Jul 2018 07:18

Tgt Ion: 95 Resp: 163560
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.2
176 83.8 0.0 162.6

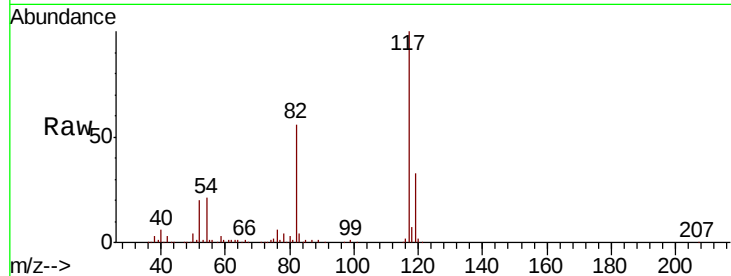




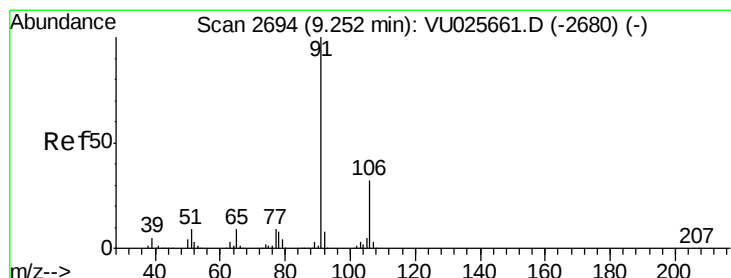
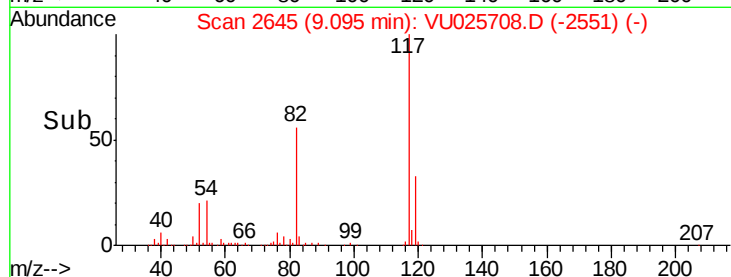
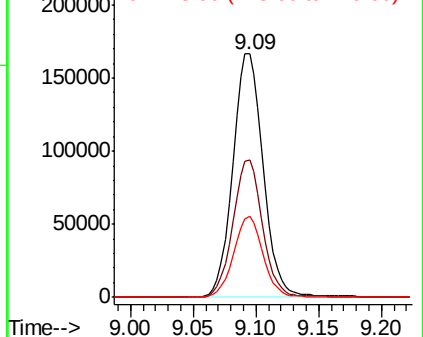
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025708.D
Acq: 28 Jul 2018 07:18

Instrument :
MSVOA_U
ClientSampleId :
FL-0526

Tot Ion:117 Resp: 279461
Ion Ratio Lower Upper
117 100
82 56.3 46.0 69.0
119 33.2 26.0 39.0

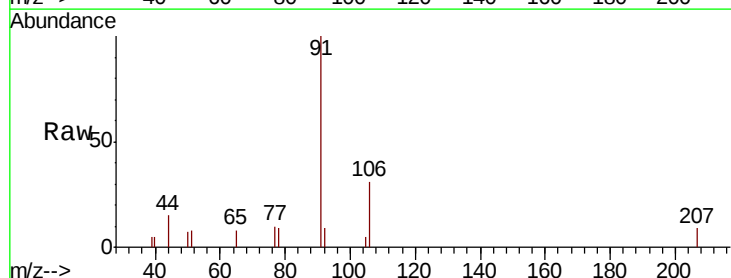


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

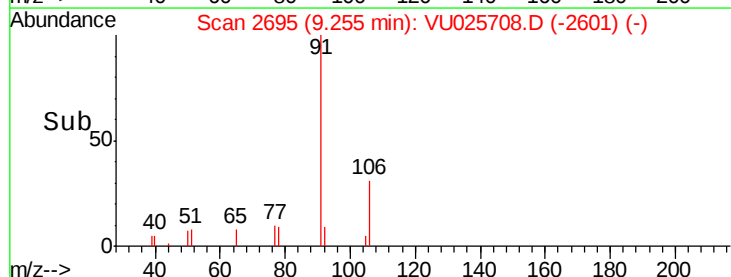
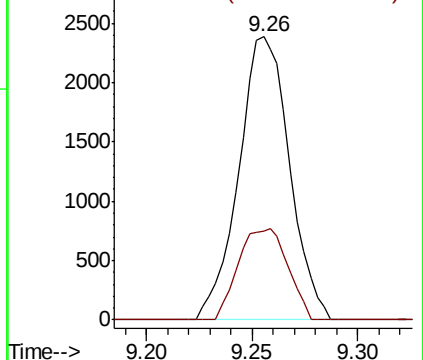


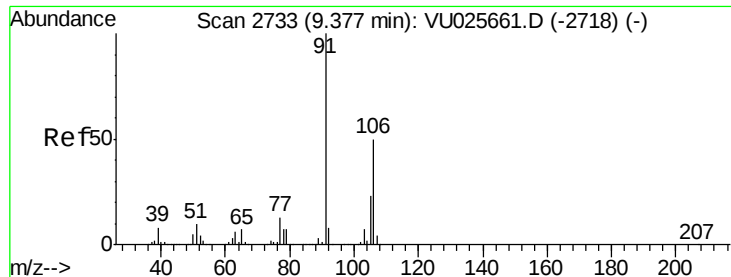
#67
Ethyl Benzene
Concen: 0.33 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025708.D
Acq: 28 Jul 2018 07:18

Tgt Ion: 91 Resp: 3995
Ion Ratio Lower Upper
91 100
106 31.5 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: 0.95 ug/l

RT: 9.38 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU025708.D

Acq: 28 Jul 2018 07:18

Instrument :

MSVOA_U

ClientSampleId :

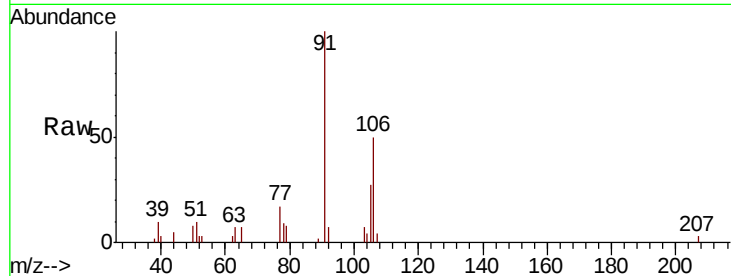
FL-0526

Tot Ion:106 Resp: 4351

Ion Ratio Lower Upper

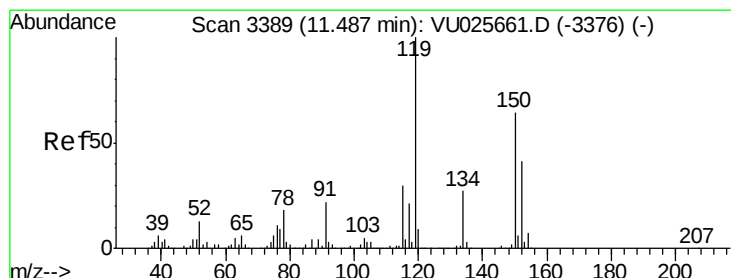
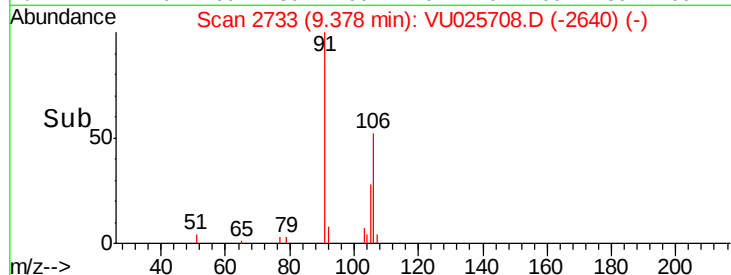
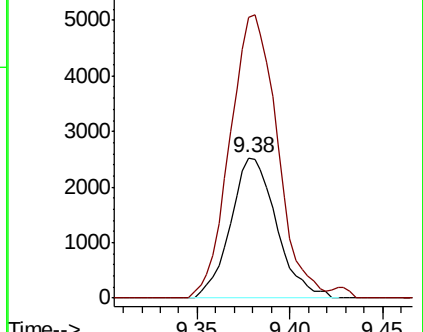
106 100

91 208.1 162.3 243.5



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: VU025708.D

Acq: 28 Jul 2018 07:18

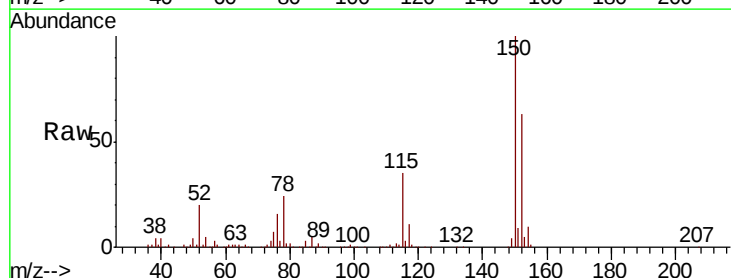
Tgt Ion:152 Resp: 170500

Ion Ratio Lower Upper

152 100

115 56.7 40.1 120.3

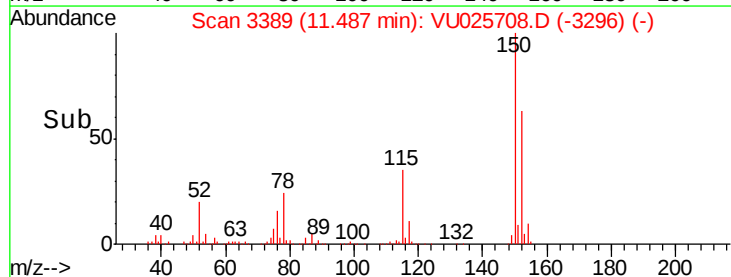
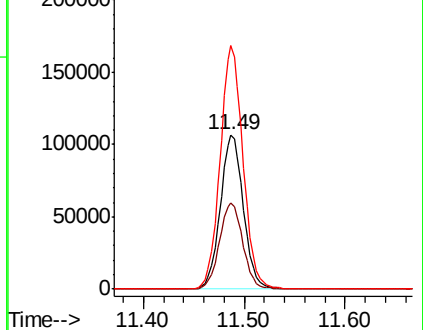
150 156.2 0.0 351.4

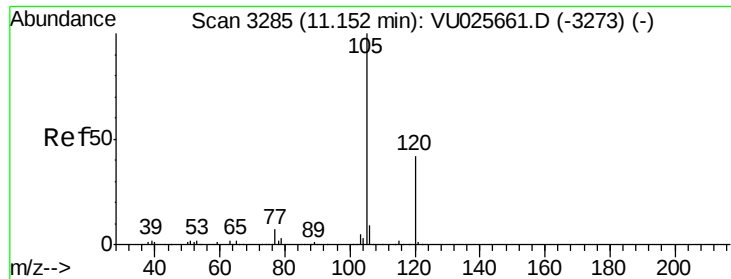


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

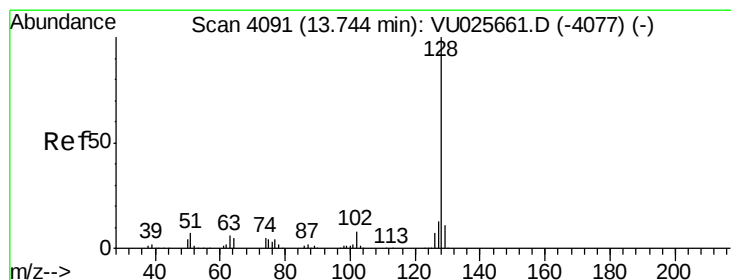
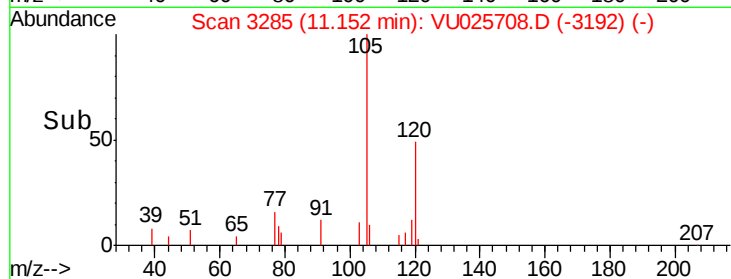
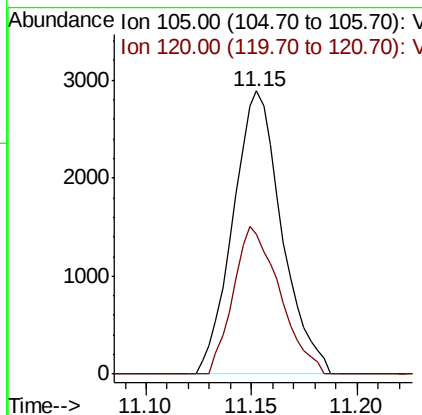
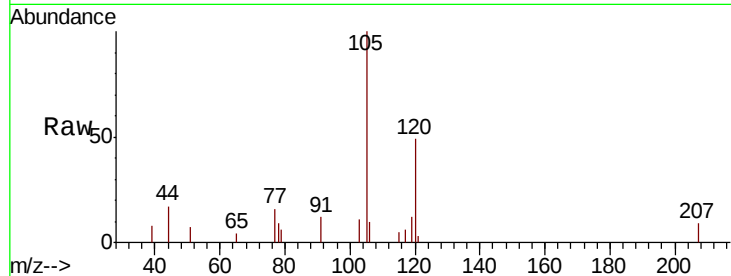




#84
 1,2,4-Trimethylbenzene
 Concen: 0.46 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025708.D
 Acq: 28 Jul 2018 07:18

Instrument :
 MSVOA_U
 ClientSampled :
 FL-0526

Tot Ion:105 Resp: 4648
 Ion Ratio Lower Upper
 105 100
 120 49.6 22.3 66.8



#95
 Naphthalene
 Concen: 1.94 ug/l
 RT: 13.75 min Scan# 4093
 Delta R.T. 0.01 min
 Lab File: VU025708.D
 Acq: 28 Jul 2018 07:18

Tgt Ion:128 Resp: 8979
 Ion Ratio Lower Upper
 128 100
 127 11.8 10.5 15.7
 129 8.4 8.3 12.5

