

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025695.D
 Acq On : 28 Jul 2018 02:15
 Operator : MD/SY
 Sample : J4073-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE109D3-071618

Quant Time: Jul 28 06:40:24 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

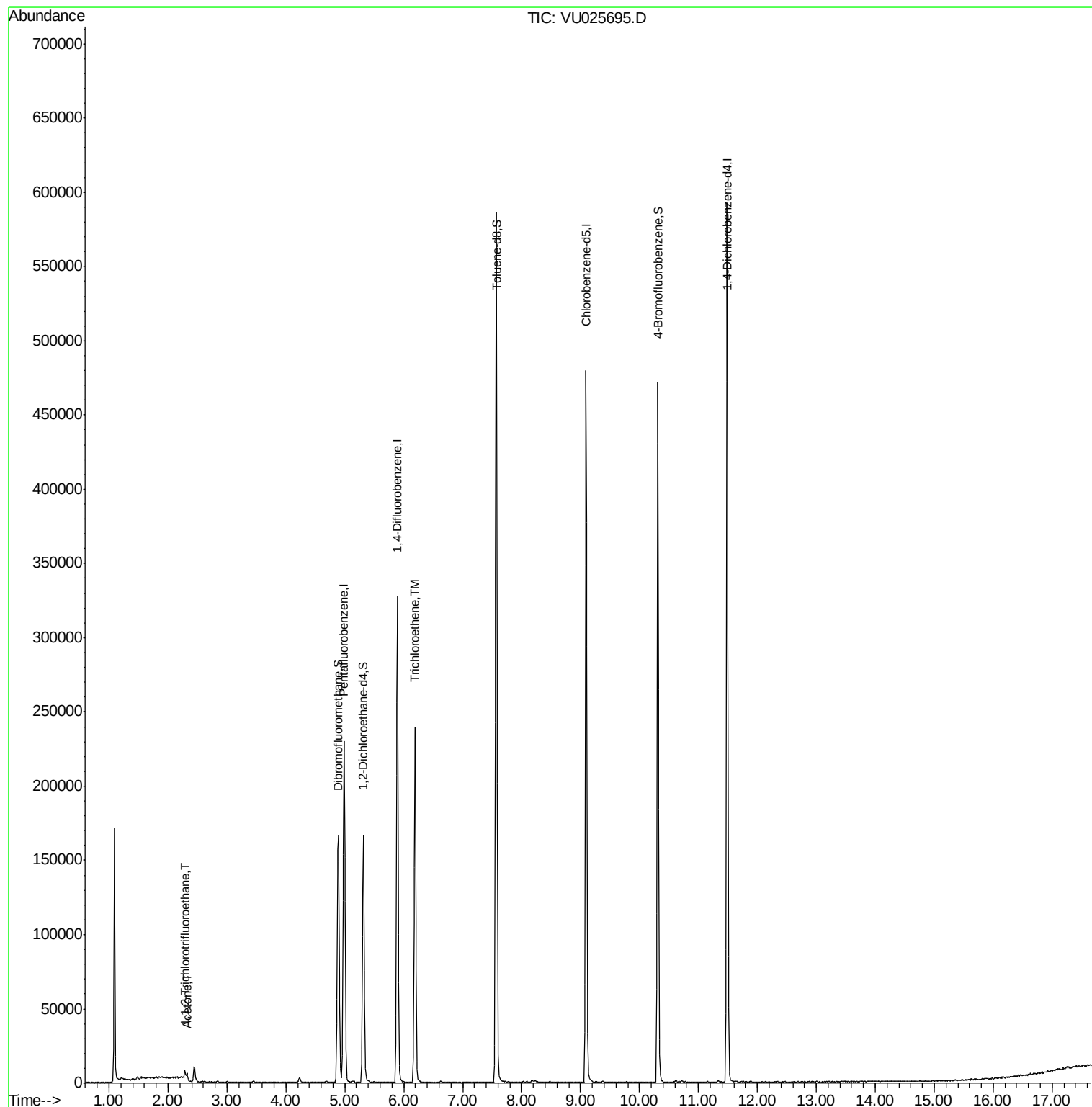
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	173755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	274317	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	269535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	133257	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
35) Dibromofluoromethane	4.89	113	112322	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
50) Toluene-d8	7.57	98	397783	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	10.31	95	152072	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1874	0.95	ug/l	97
16) Acetone	2.32	43	4785	3.63	ug/l #	79
44) Trichloroethene	6.19	130	84821	32.50	ug/l	96

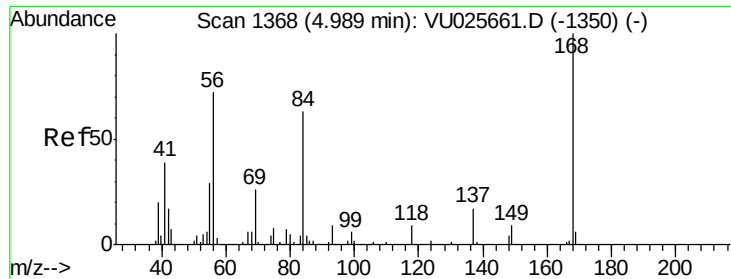
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

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ClientSampleId :

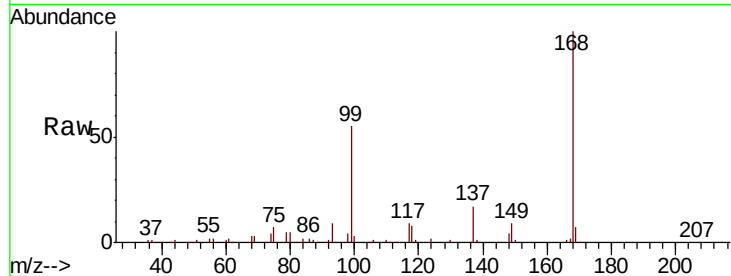
RE109D3-071618

Tot Ion:168 Resp: 173755

Ion Ratio Lower Upper

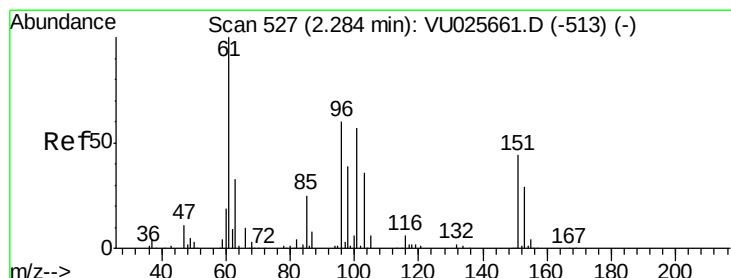
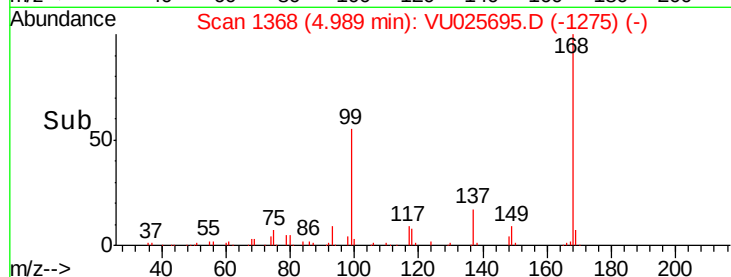
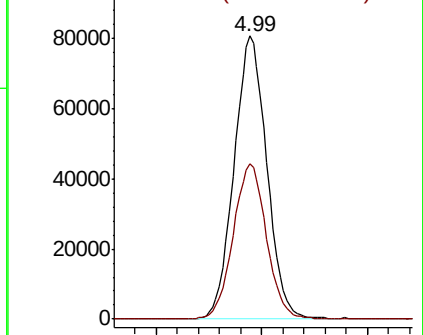
168 100

99 54.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.95 ug/l

RT: 2.29 min Scan# 529

Delta R.T. 0.01 min

Lab File: VU025695.D

Acq: 28 Jul 2018 02:15

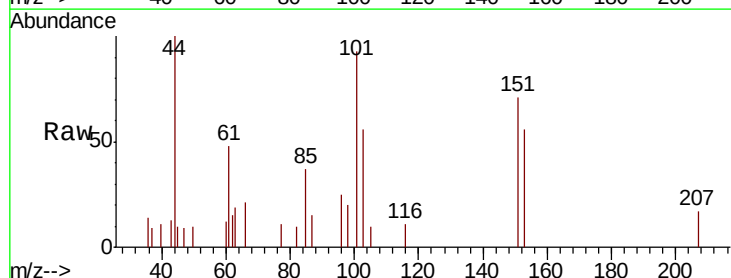
Tgt Ion:101 Resp: 1874

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

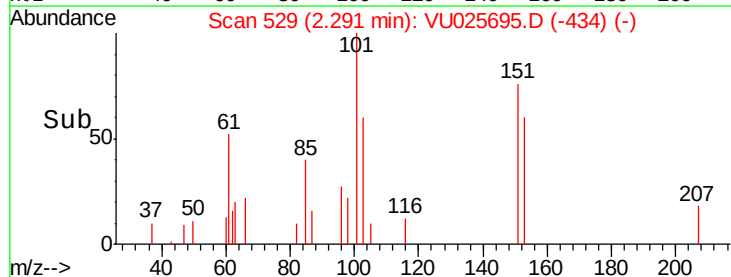
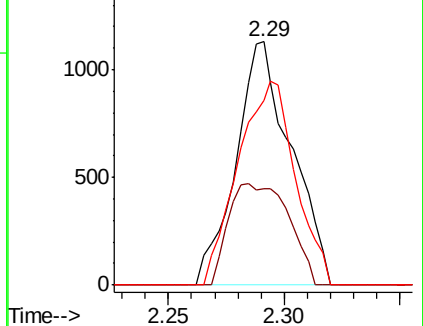
151 86.6 65.6 98.4

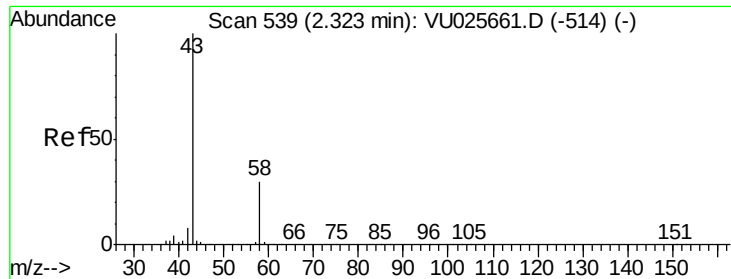


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V





#16

Acetone

Concen: 3.63 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025695.D

Acq: 28 Jul 2018 02:15

Instrument :

MSVOA_U

ClientSampleId :

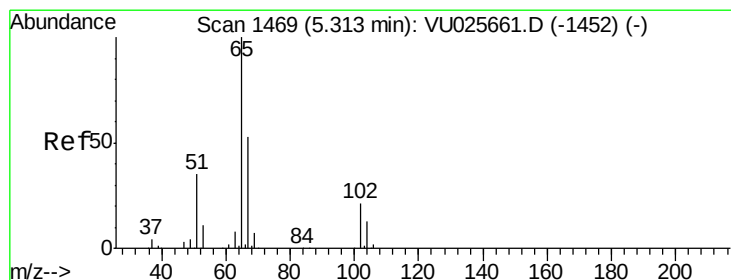
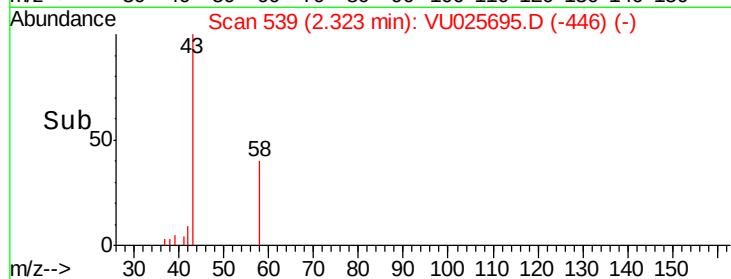
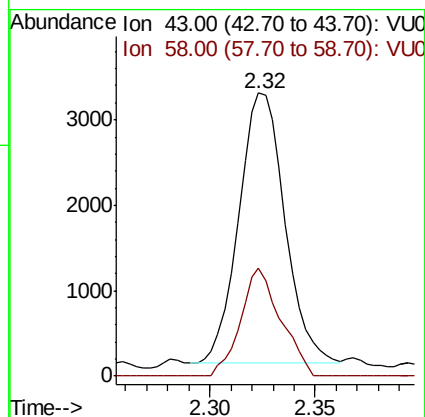
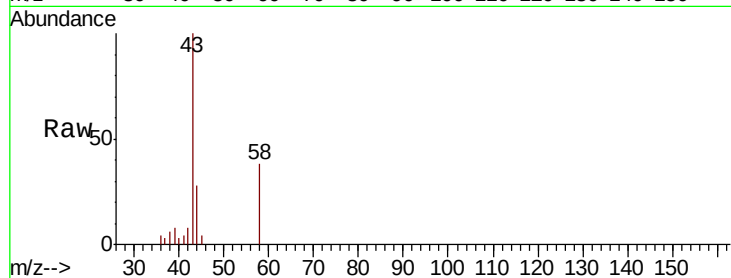
RE109D3-071618

Tot Ion: 43 Resp: 4785

Ion Ratio Lower Upper

43 100

58 40.2 23.1 34.7#



#33

1,2-Dichloroethane-d4

Concen: 49.22 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025695.D

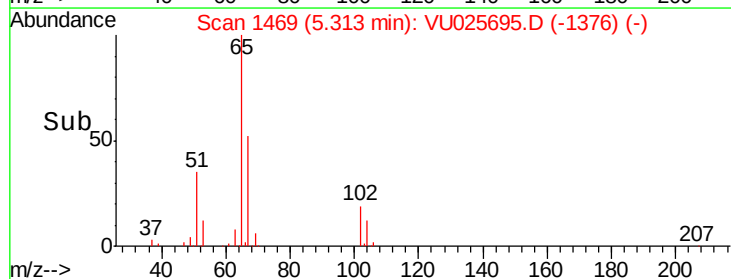
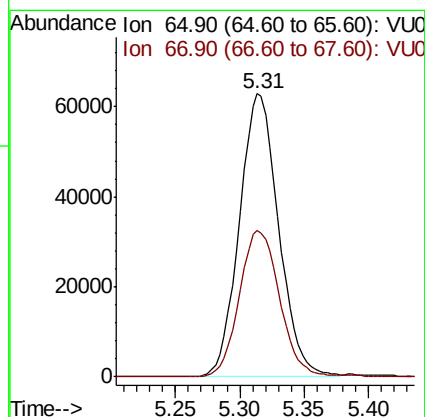
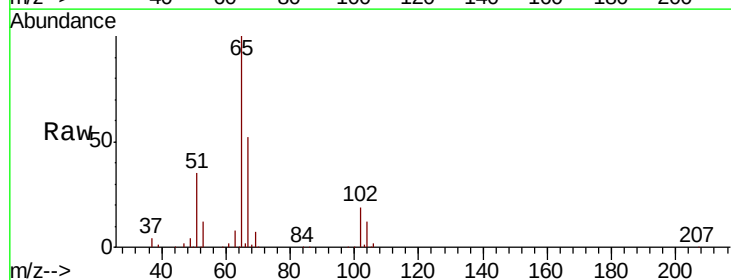
Acq: 28 Jul 2018 02:15

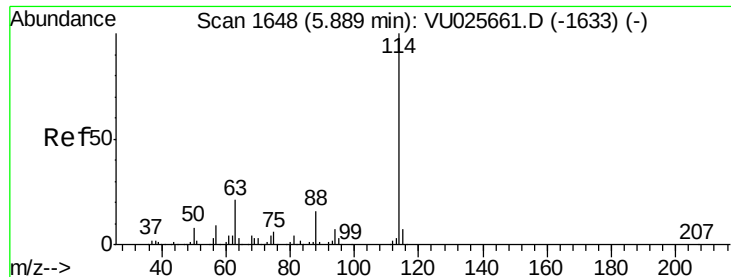
Tgt Ion: 65 Resp: 133257

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.6

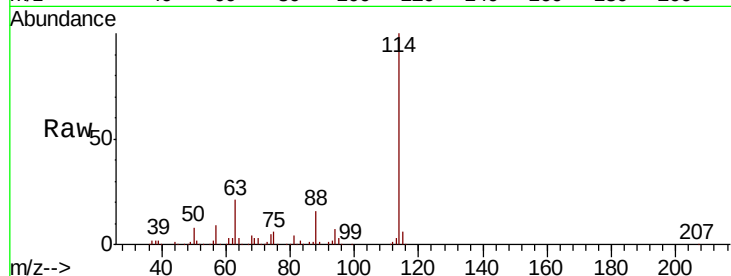




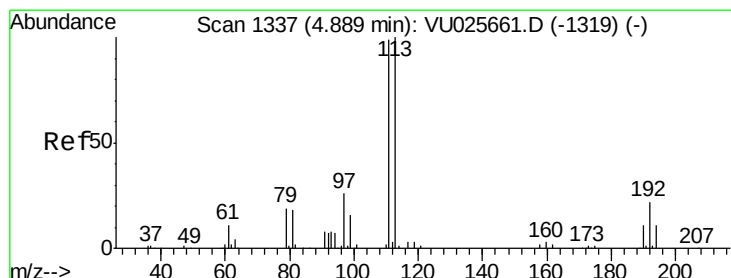
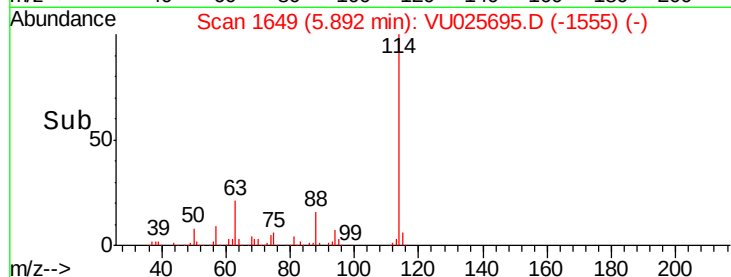
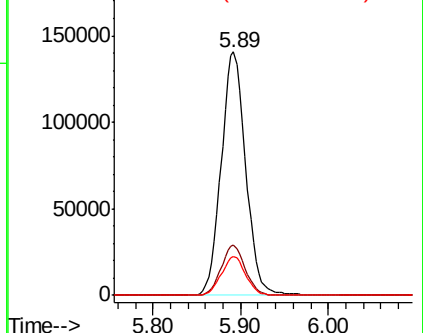
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025695.D
 Acq: 28 Jul 2018 02:15

Instrument :
 MSVOA_U
 ClientSampleId :
 RE109D3-071618

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.6
88	15.7	0.0	32.4

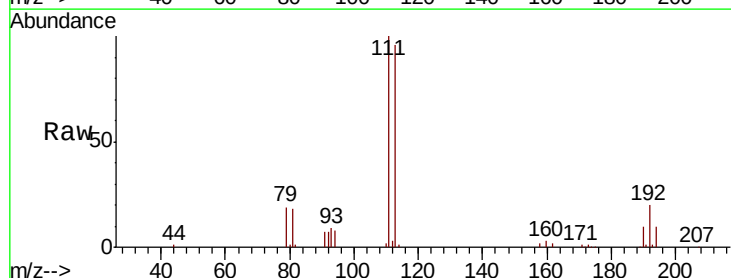


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

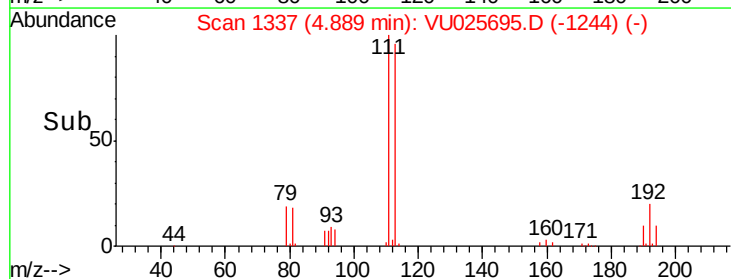
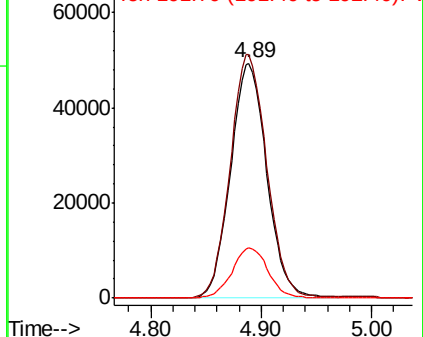


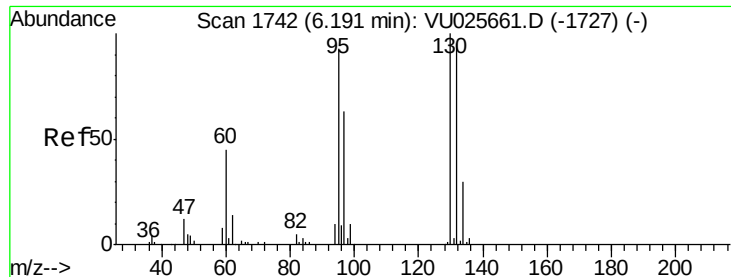
#35
 Dibromofluoromethane
 Concen: 47.08 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025695.D
 Acq: 28 Jul 2018 02:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.7	122.5
192	21.3	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





#44

Trichloroethene

Concen: 32.50 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025695.D

Acq: 28 Jul 2018 02:15

Instrument :

MSVOA_U

ClientSampleId :

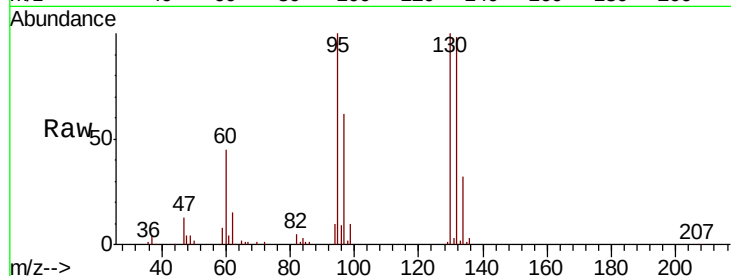
RE109D3-071618

Tot Ion:130 Resp: 84821

Ion Ratio Lower Upper

130 100

95 99.6 0.0 192.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

50000

40000

30000

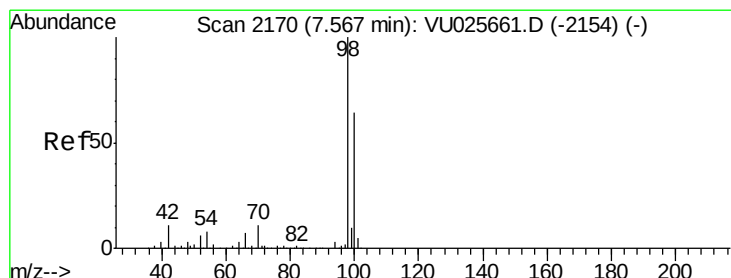
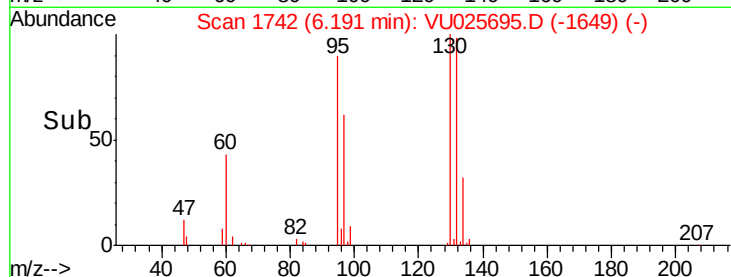
20000

10000

0

6.10 6.15 6.20 6.25 6.30

Time-->



#50

Toluene-d8

Concen: 47.64 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025695.D

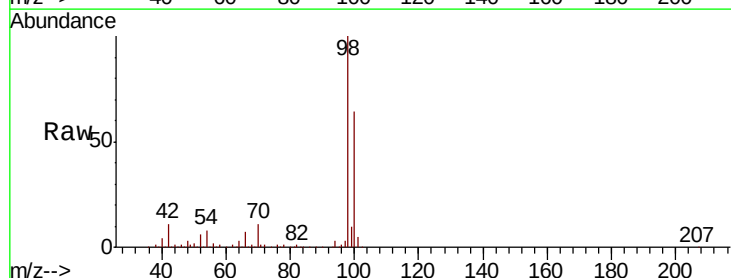
Acq: 28 Jul 2018 02:15

Tgt Ion: 98 Resp: 397783

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

250000

200000

150000

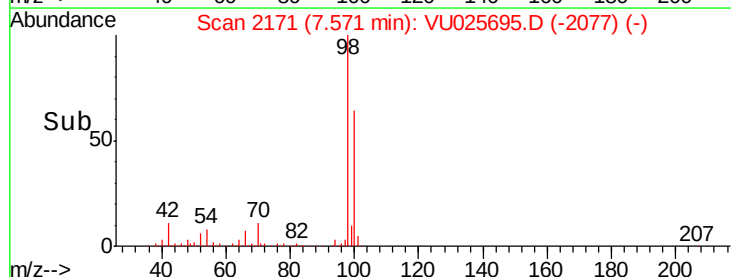
100000

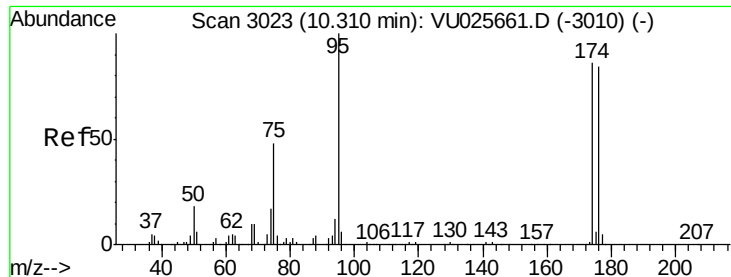
50000

0

7.50 7.55 7.60 7.65

Time-->

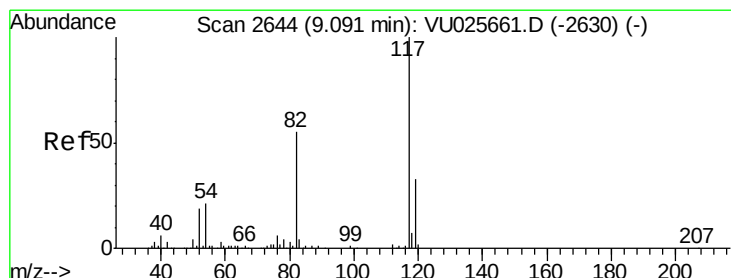
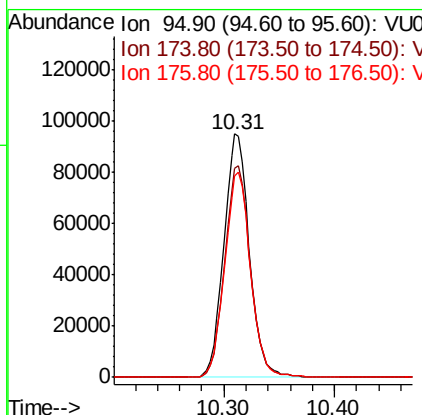
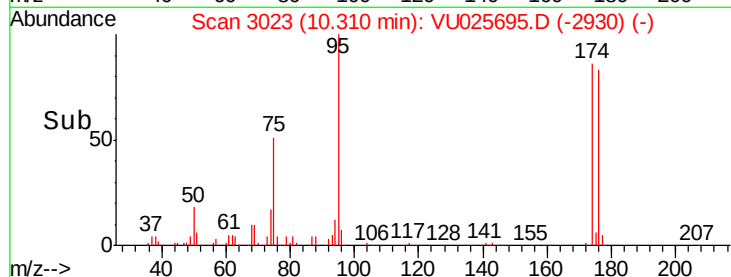
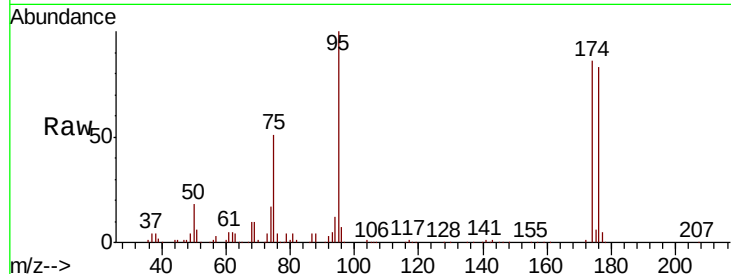




#62
4-Bromofluorobenzene
Concen: 46.93 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025695.D
Acq: 28 Jul 2018 02:15

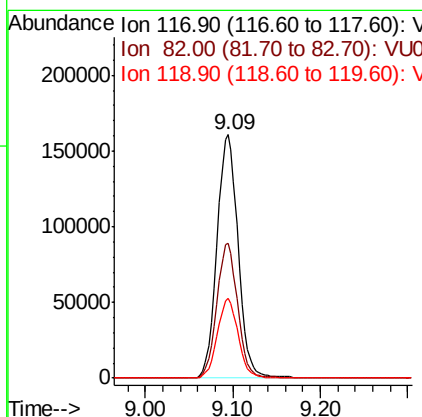
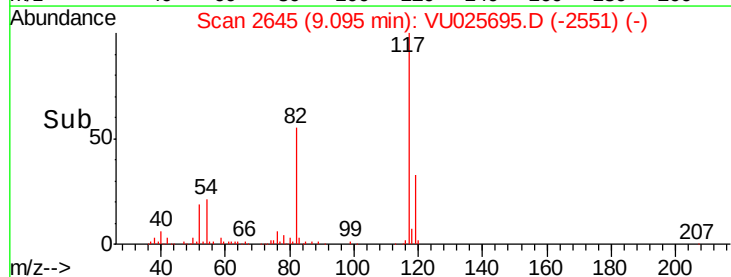
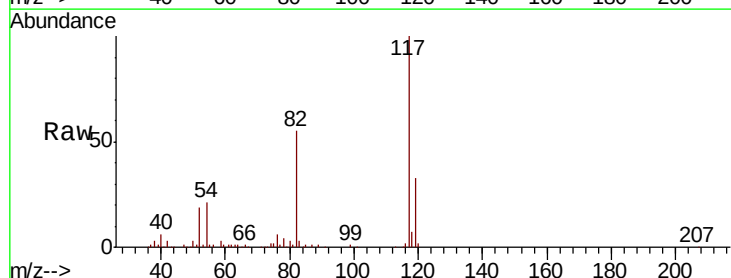
Instrument :
MSVOA_U
ClientSampleId :
RE109D3-071618

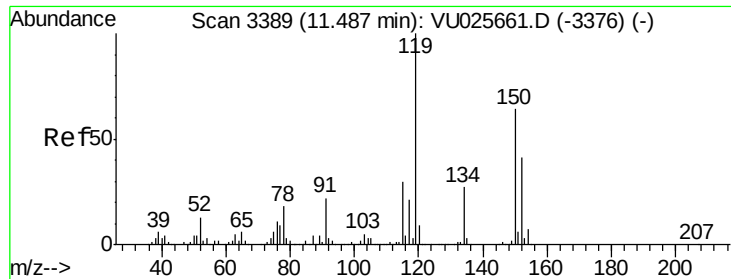
Tot Ion: 95 Resp: 152072
Ion Ratio Lower Upper
95 100
174 87.7 0.0 172.2
176 85.8 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025695.D
Acq: 28 Jul 2018 02:15

Tgt Ion: 117 Resp: 269535
Ion Ratio Lower Upper
117 100
82 55.4 46.0 69.0
119 32.8 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025695.D

Acq: 28 Jul 2018 02:15

Instrument :

MSVOA_U

ClientSampleId :

RE109D3-071618

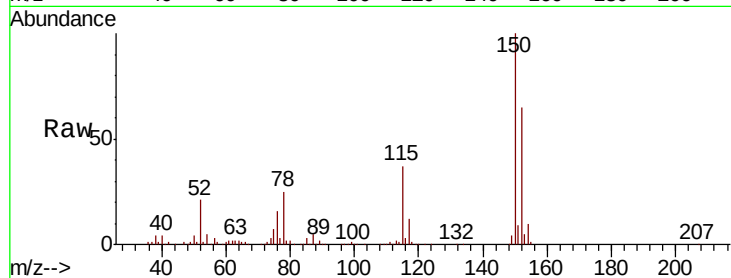
Tot Ion:152 Resp: 159233

Ion Ratio Lower Upper

152 100

115 57.1 40.1 120.3

150 155.3 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

