

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025218.D
 Acq On : 05 Jul 2018 16:14
 Operator : MD/SY
 Sample : J3808-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW004-180628

Quant Time: Jul 06 06:37:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

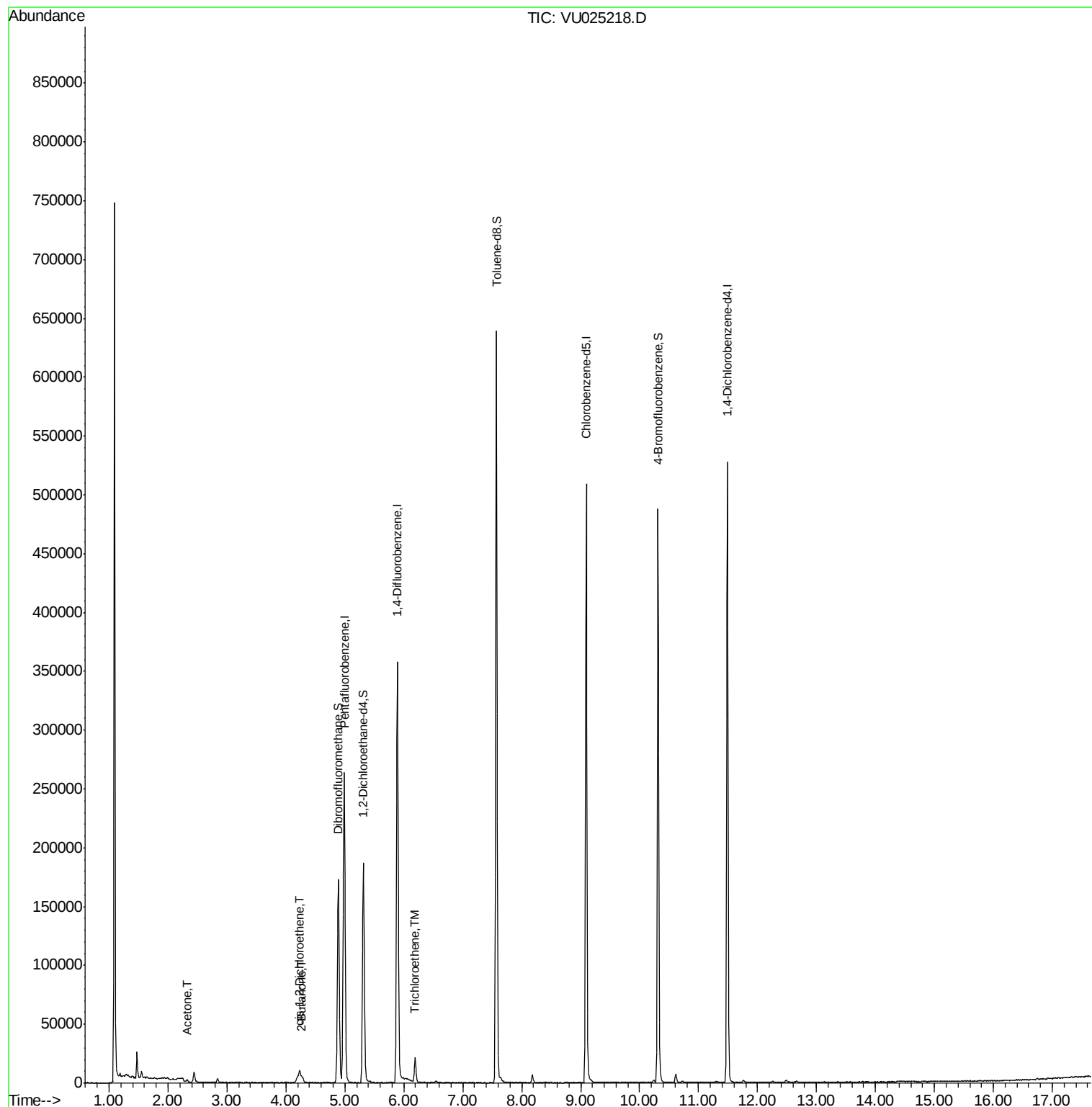
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303760	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	140509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	150579	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
35) Dibromofluoromethane	4.89	113	118927	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
50) Toluene-d8	7.57	98	430520	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
62) 4-Bromofluorobenzene	10.31	95	156632	42.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.80%	
Target Compounds						
16) Acetone	2.33	43	1775	1.001	ug/l	99
25) 2-Butanone	4.27	43	8315	3.491	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	5552	1.905	ug/l	86
44) Trichloroethene	6.19	130	7303	2.523	ug/l	97

(#) = 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: VU025218.D

Acq: 05 Jul 2018 16:14

Instrument :

MSVOA_U

ClientSampleId :

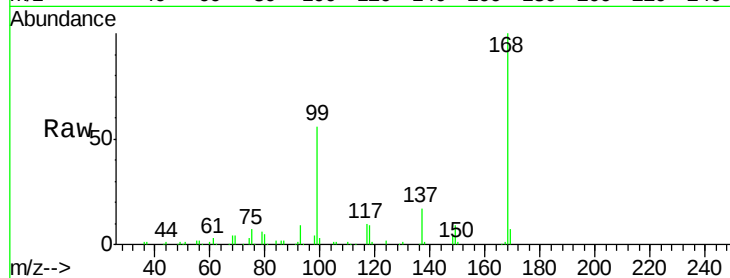
WP021MW004-180628

Tot Ion:168 Resp: 202150

Ion Ratio Lower Upper

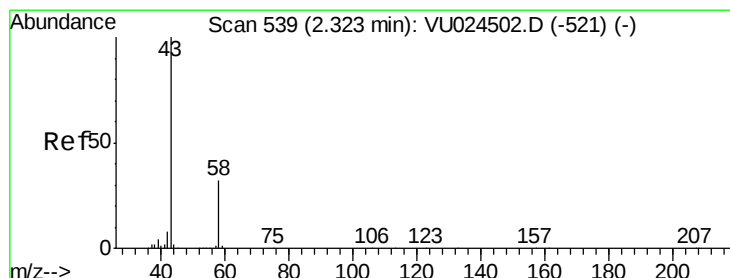
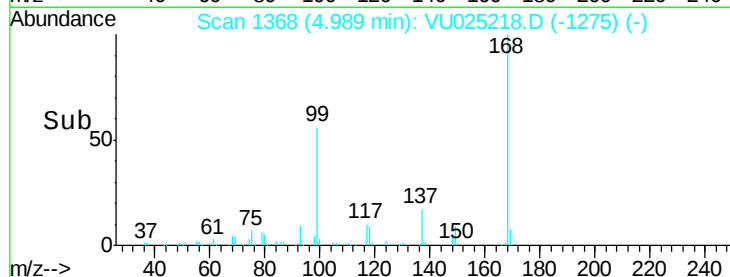
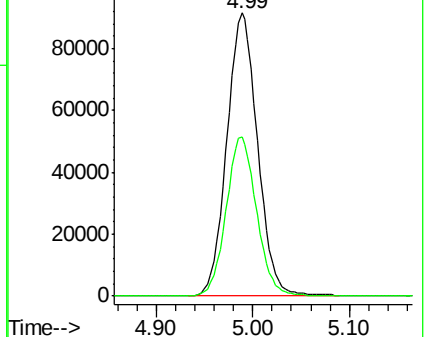
168 100

99 56.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025218.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025218.D (-1275) (-)



#16

Acetone

Concen: 1.001 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025218.D

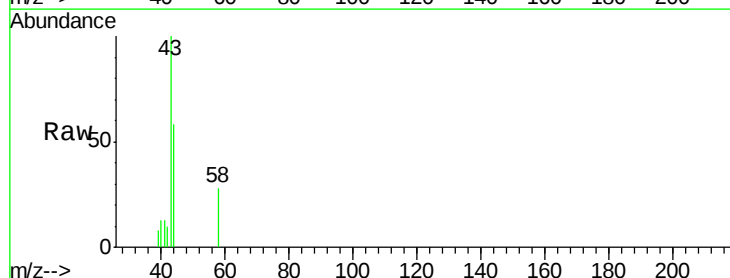
Acq: 05 Jul 2018 16:14

Tgt Ion: 43 Resp: 1775

Ion Ratio Lower Upper

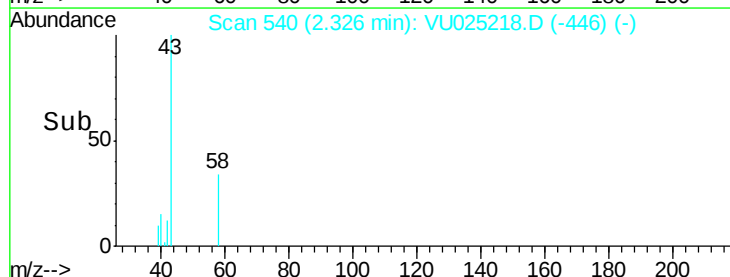
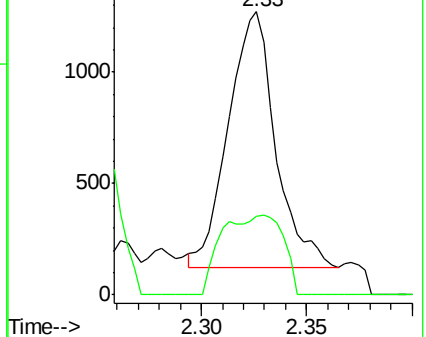
43 100

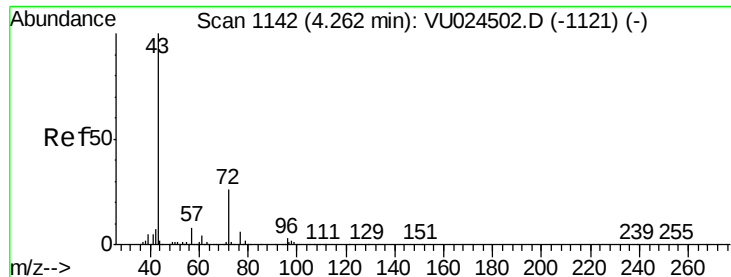
58 30.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU025218.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU025218.D (-446) (-)

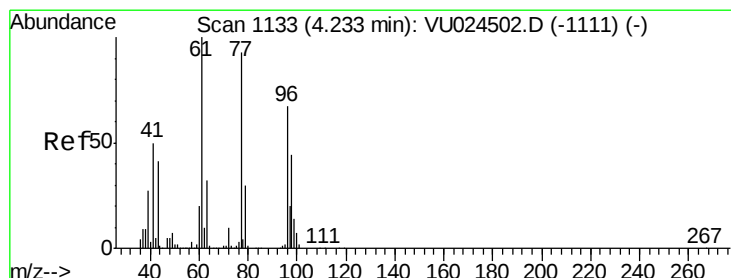
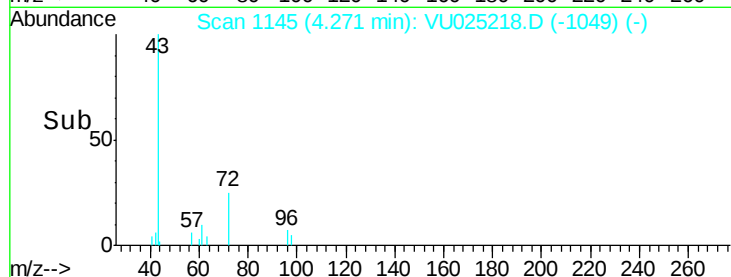
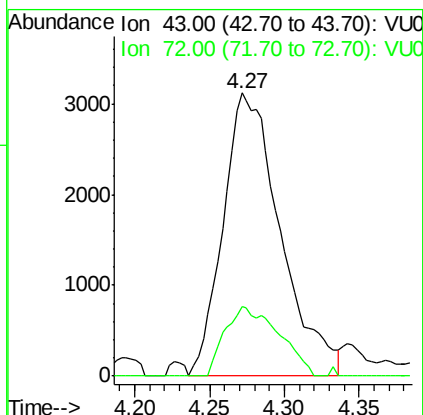
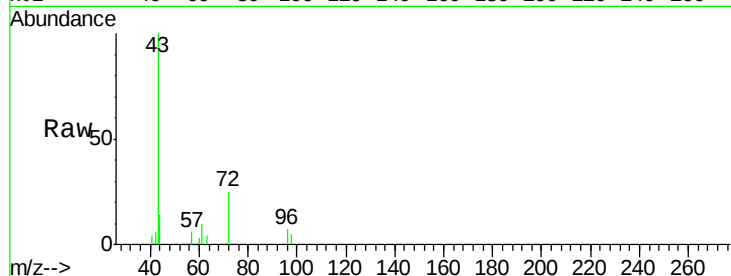




#25
2-Butanone
Concen: 3.491 ug/l
RT: 4.27 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VU025218.D
Acq: 05 Jul 2018 16:14

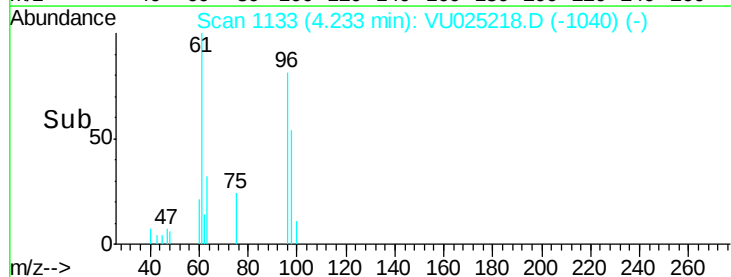
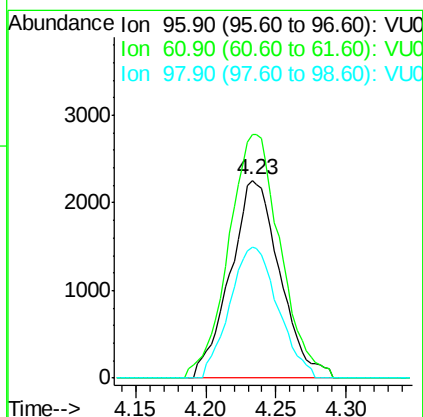
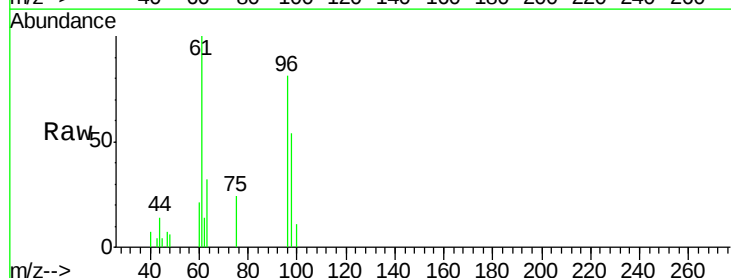
Instrument :
MSVOA_U
ClientSampleId :
WP021MW004-180628

Tot Ion: 43 Resp: 8315
Ion Ratio Lower Upper
43 100
72 24.8 19.6 29.4



#27
cis-1,2-Dichloroethene
Concen: 1.905 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU025218.D
Acq: 05 Jul 2018 16:14

Tgt Ion: 96 Resp: 5552
Ion Ratio Lower Upper
96 100
61 128.0 0.0 306.6
98 64.4 0.0 128.8

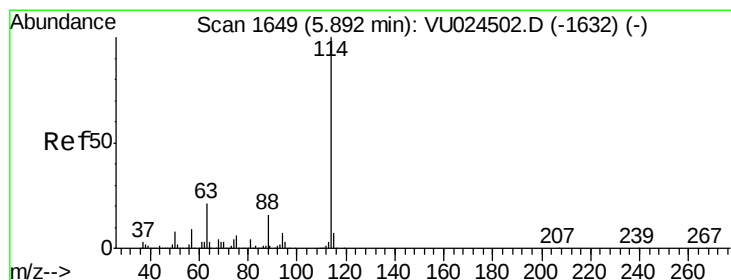
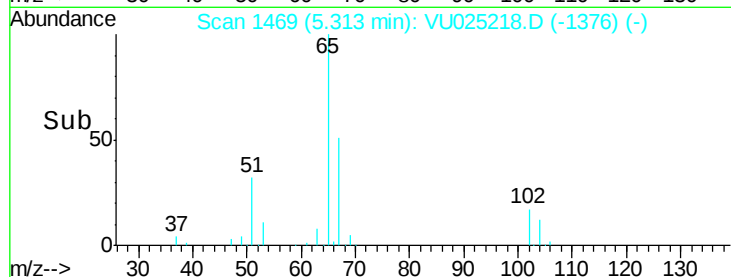
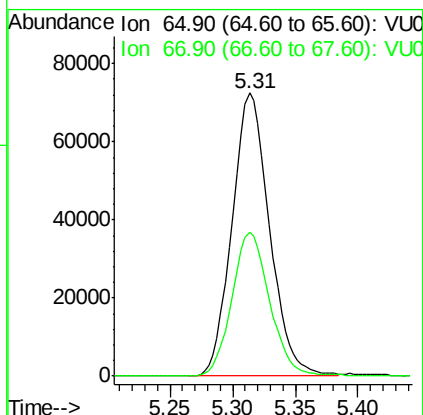
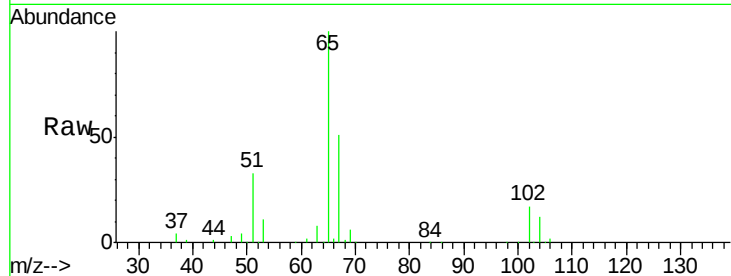




#33
 1,2-Dichloroethane-d4
 Concen: 45.628 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025218.D
 Acq: 05 Jul 2018 16:14

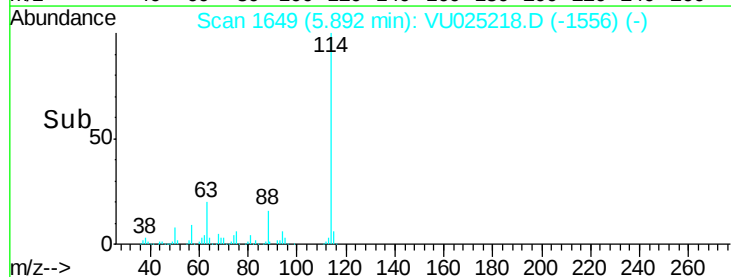
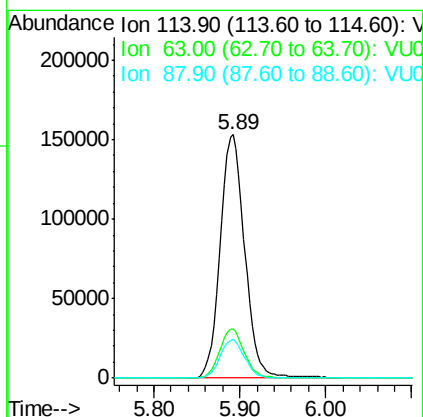
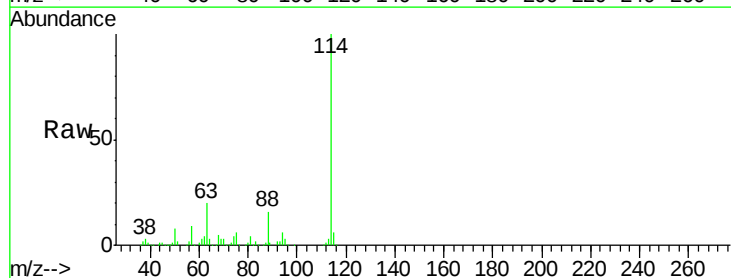
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW004-180628

Tot Ion: 65 Resp: 150579
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025218.D
 Acq: 05 Jul 2018 16:14

Tgt Ion: 114 Resp: 303760
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.4
 88 15.9 0.0 31.0

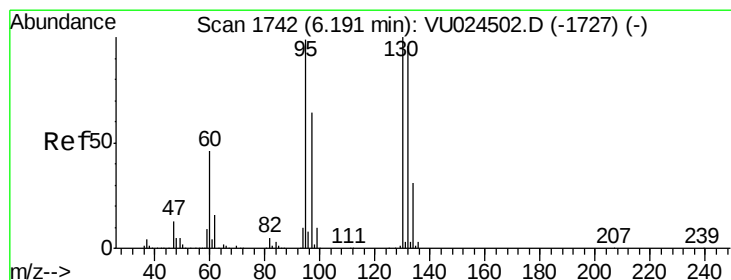
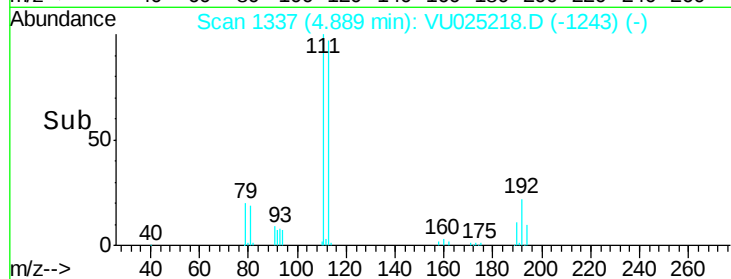
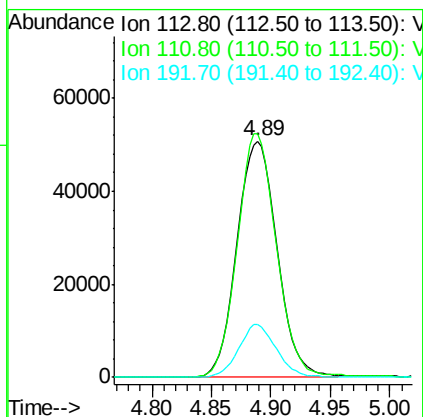
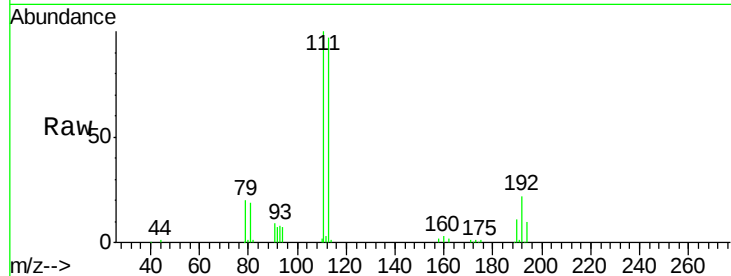




#35
 Dibromofluoromethane
 Concen: 47.175 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025218.D
 Acq: 05 Jul 2018 16:14

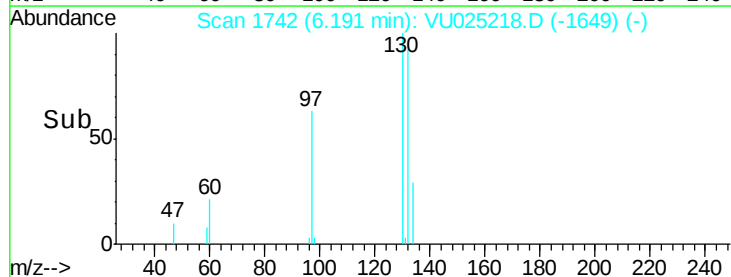
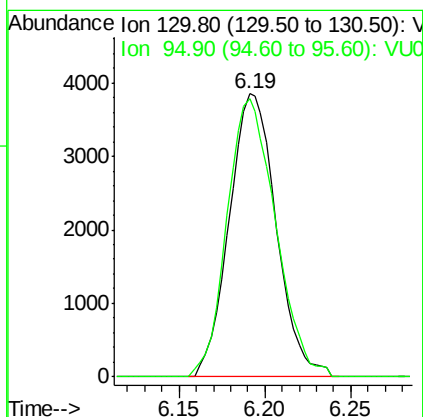
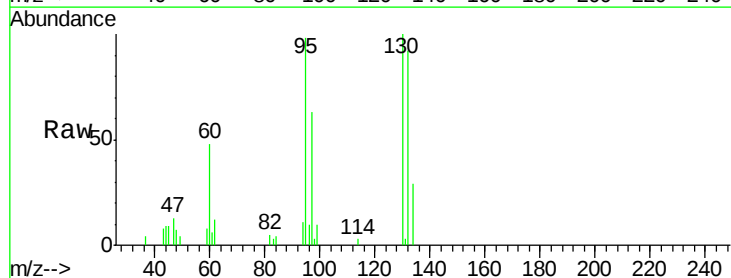
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW004-180628

Tot Ion:113 Resp: 118927
 Ion Ratio Lower Upper
 113 100
 111 100.5 82.2 123.4
 192 20.9 16.2 24.4



#44
 Trichloroethene
 Concen: 2.523 ug/l
 RT: 6.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VU025218.D
 Acq: 05 Jul 2018 16:14

Tgt Ion:130 Resp: 7303
 Ion Ratio Lower Upper
 130 100
 95 98.2 0.0 202.4

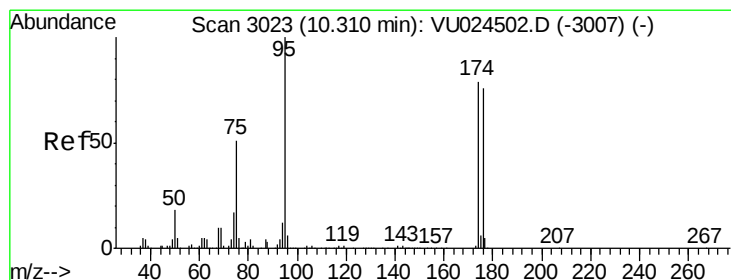
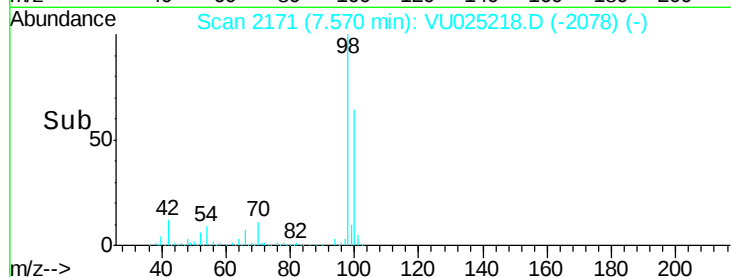
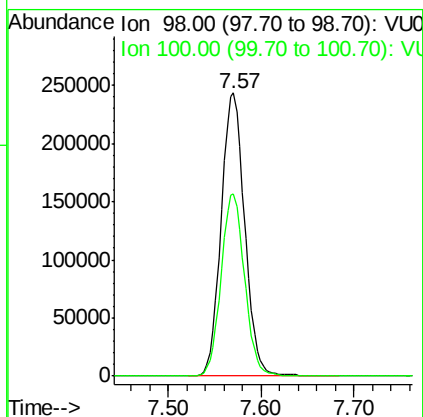
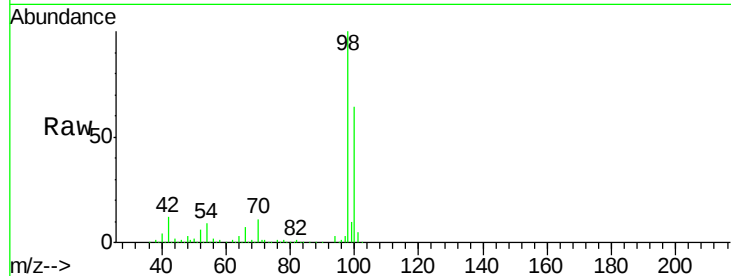




#50
Toluene-d8
Concen: 46.819 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025218.D
Acq: 05 Jul 2018 16:14

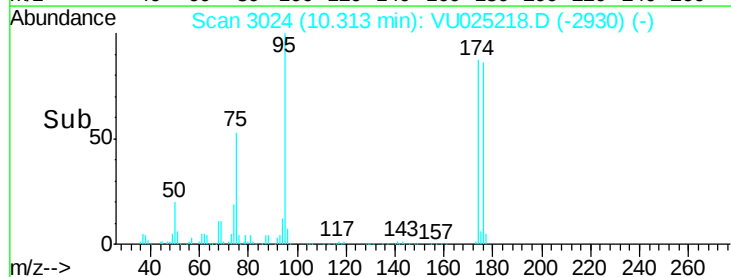
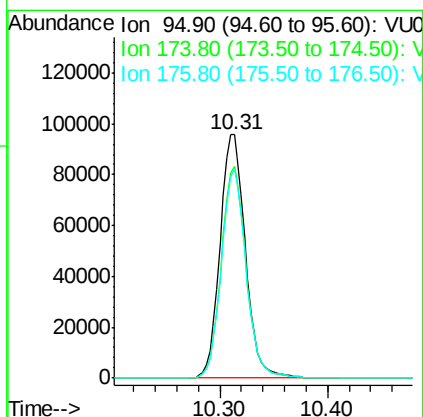
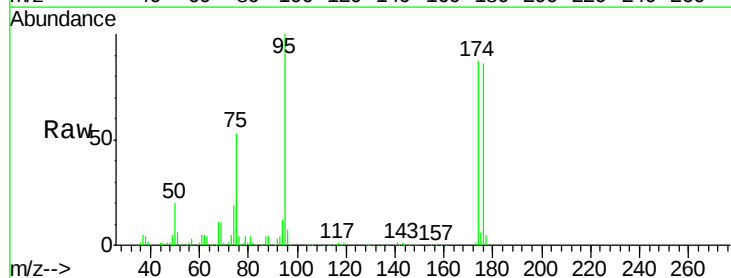
Instrument :
MSVOA_U
ClientSampleId :
WP021MW004-180628

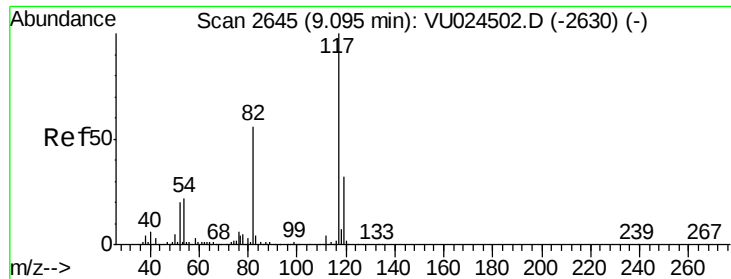
Tot Ion: 98 Resp: 430520
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 42.901 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU025218.D
Acq: 05 Jul 2018 16:14

Tgt Ion: 95 Resp: 156632
Ion Ratio Lower Upper
95 100
174 85.4 0.0 165.8
176 83.8 0.0 159.4

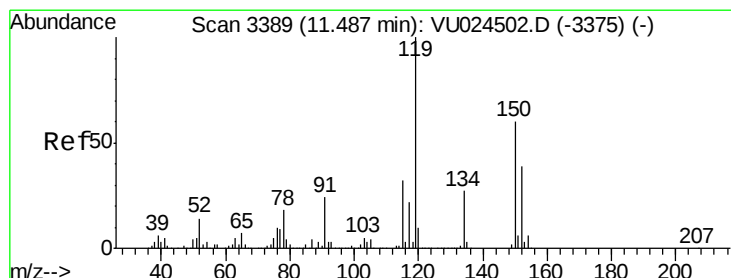
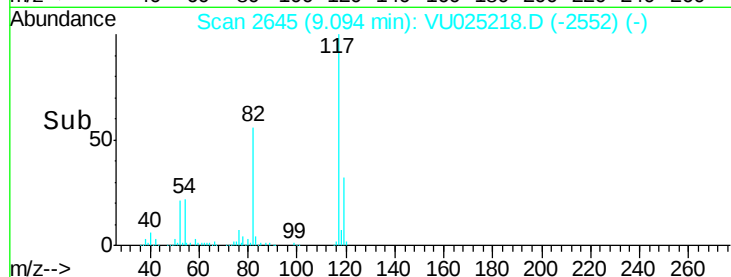
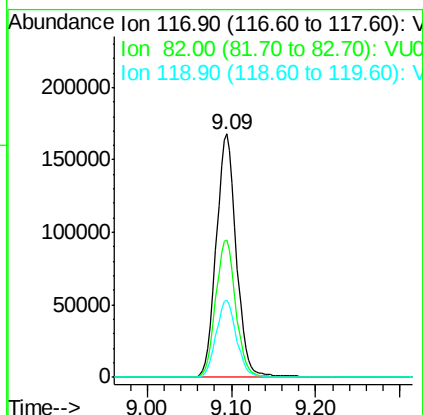
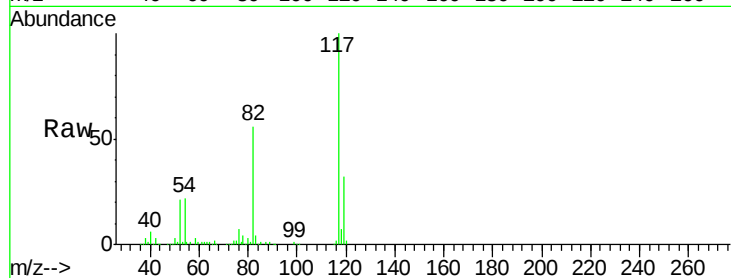




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025218.D
Acq: 05 Jul 2018 16:14

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.3	66.5
119	31.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025218.D
Acq: 05 Jul 2018 16:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	43.0	129.0
150	157.0	0.0	354.0

