

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061318\
 Data File : VU024515.D
 Acq On : 13 Jun 2018 18:08
 Operator : MD/SY
 Sample : PB110190ZHE#14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB110190ZHE#14

Quant Time: Jun 14 02:42:40 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

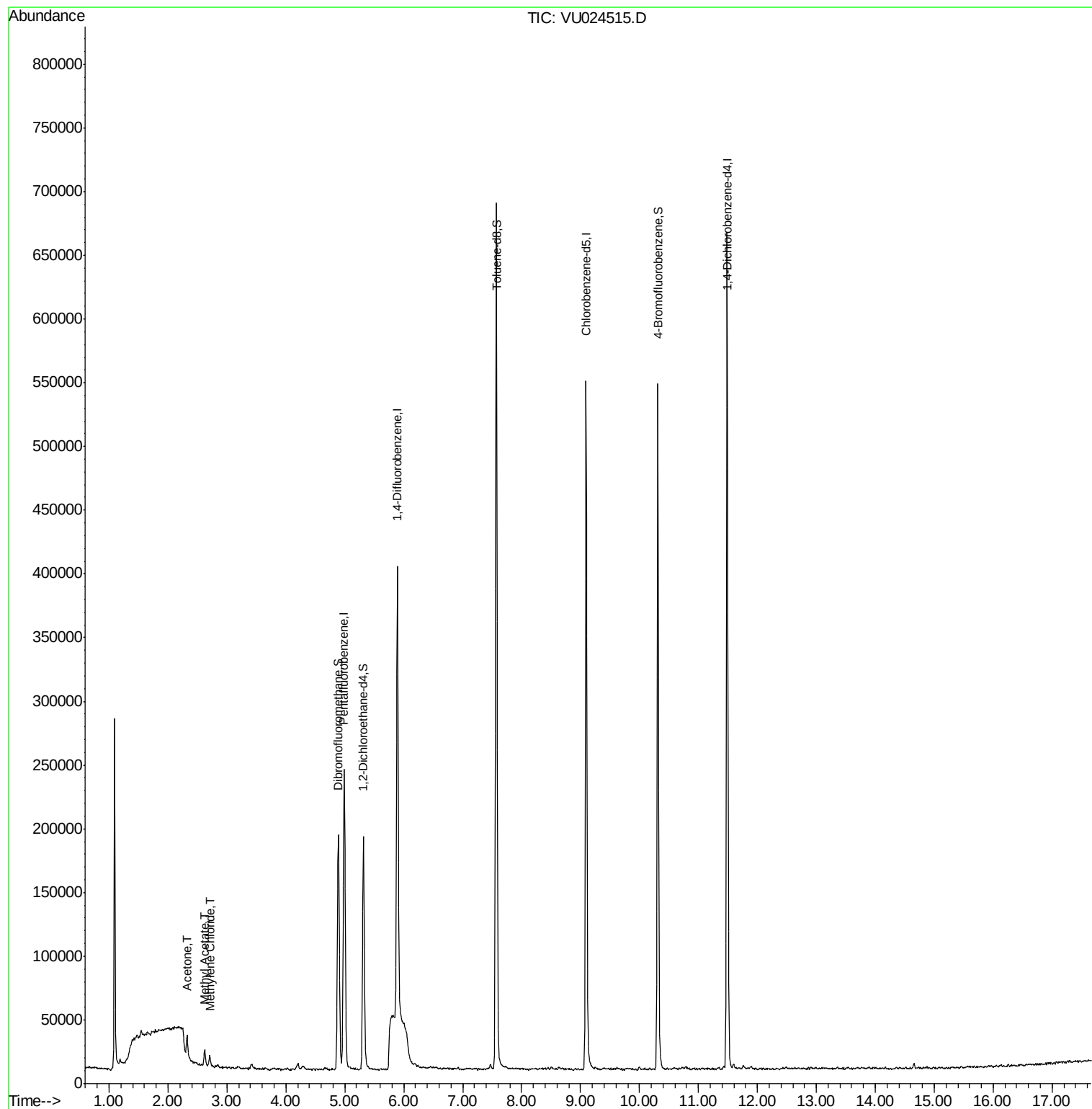
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	185408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315275	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	302830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	179156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	145182	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
35) Dibromofluoromethane	4.89	113	126215	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	7.57	98	464778	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	10.31	95	181547	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
Target Compounds						
16) Acetone	2.32	43	17805	10.948	ug/l	99
18) Methyl Acetate	2.62	43	16792	4.816	ug/l	99
20) Methylene Chloride	2.71	84	3757	1.472	ug/l	90

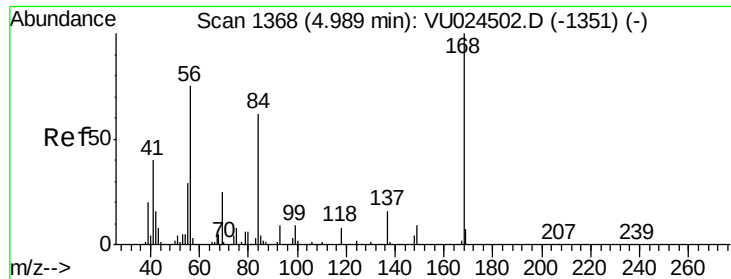
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU024515.D

Acq: 13 Jun 2018 18:08

Instrument :

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ClientSampleId :

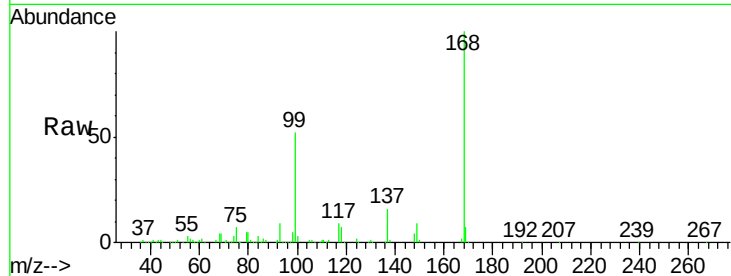
PB110190ZHE#14

Tot Ion:168 Resp: 185408

Ion Ratio Lower Upper

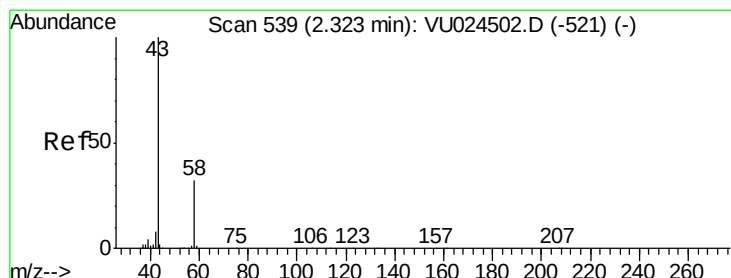
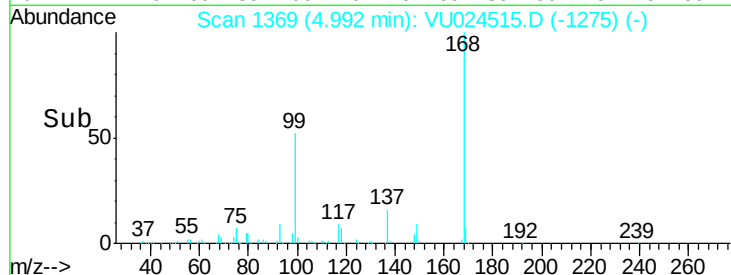
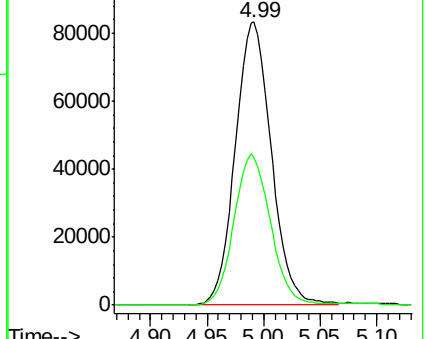
168 100

99 52.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024515.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024515.D (-1275) (-)



#16

Acetone

Concen: 10.948 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024515.D

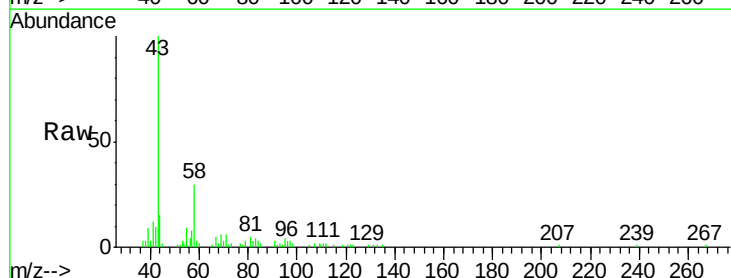
Acq: 13 Jun 2018 18:08

Tgt Ion: 43 Resp: 17805

Ion Ratio Lower Upper

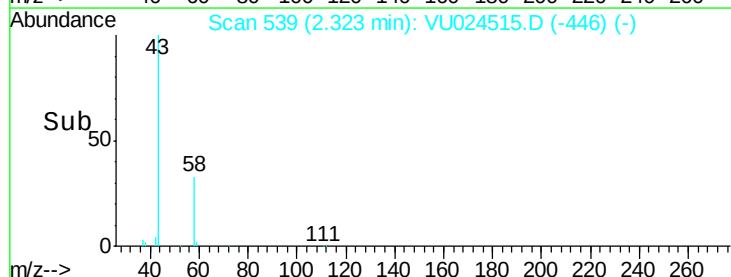
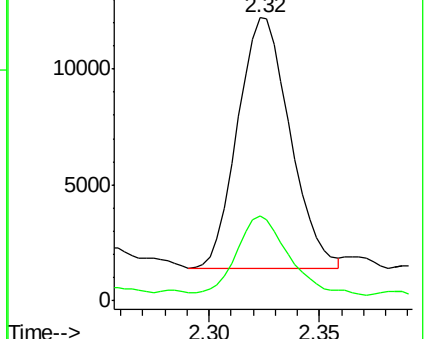
43 100

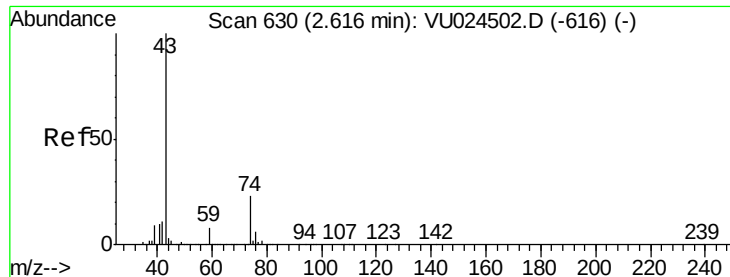
58 31.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024515.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024515.D (-446) (-)

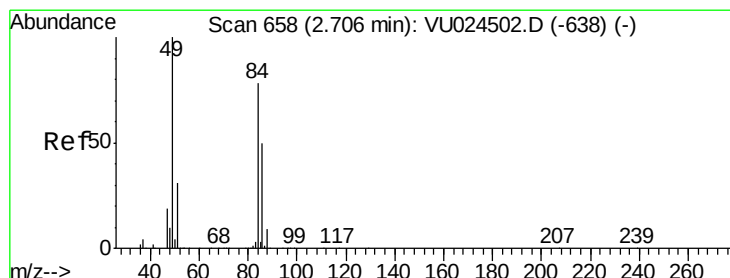
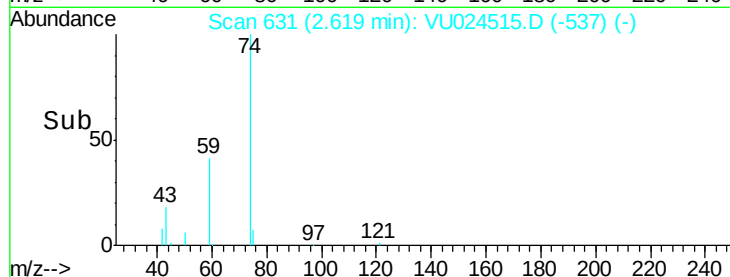
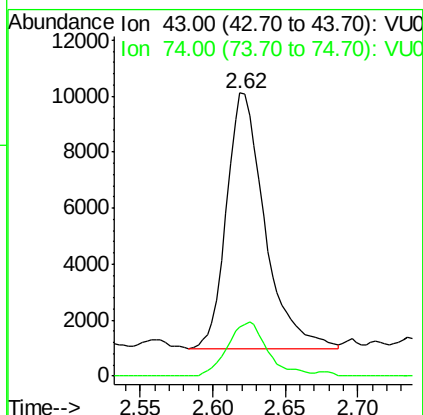
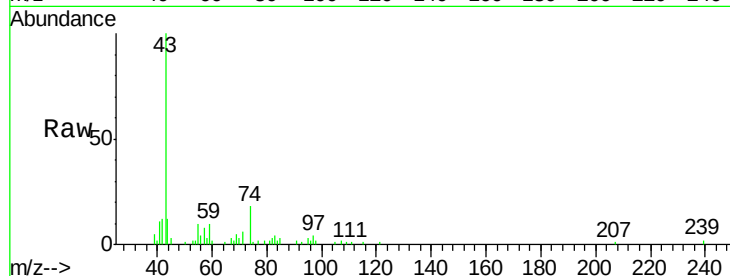




#18
Methvl Acetate
Concen: 4.816 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU024515.D
Acq: 13 Jun 2018 18:08

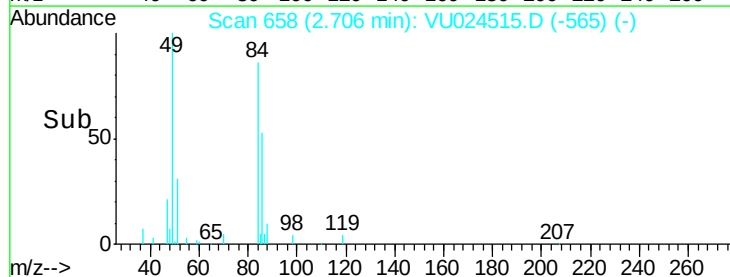
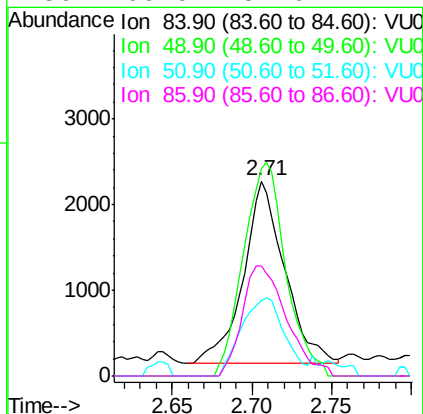
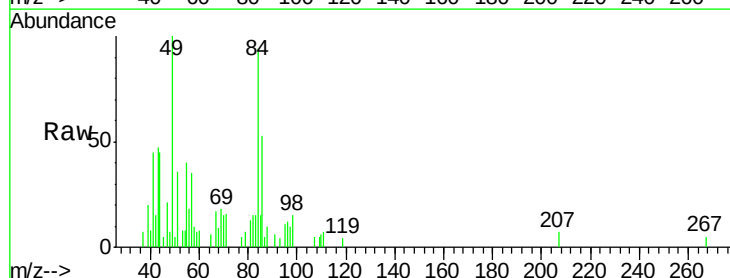
Instrument :
MSVOA_U
ClientSampleId :
PB110190ZHE#14

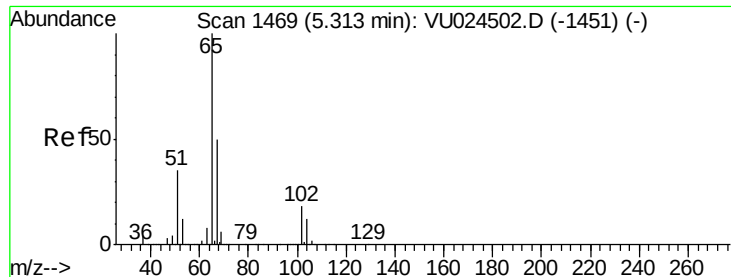
Tot Ion: 43 Resp: 16792
Ion Ratio Lower Upper
43 100
74 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 1.472 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024515.D
Acq: 13 Jun 2018 18:08

Tgt Ion: 84 Resp: 3757
Ion Ratio Lower Upper
84 100
49 113.3 103.8 155.8
51 41.0 32.0 48.0
86 60.0 51.6 77.4

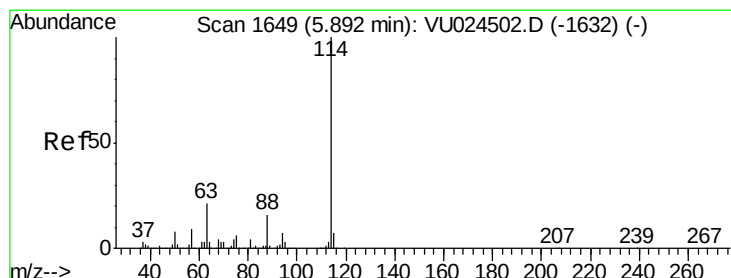
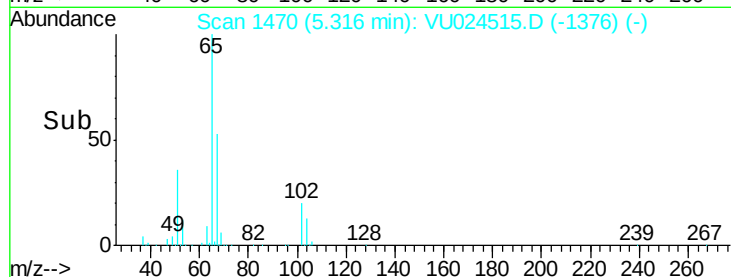
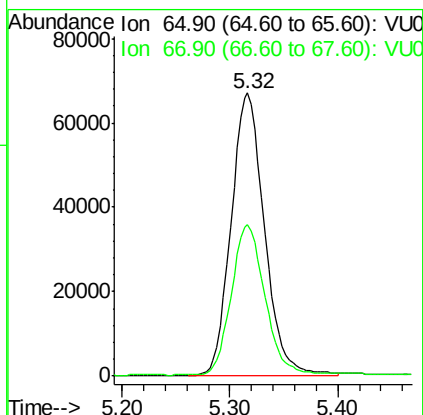
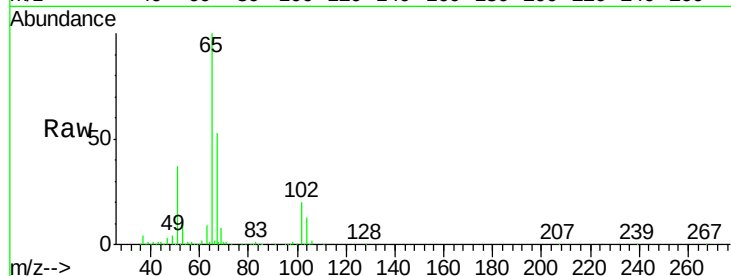




#33
 1,2-Dichloroethane-d4
 Concen: 47.965 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024515.D
 Acq: 13 Jun 2018 18:08

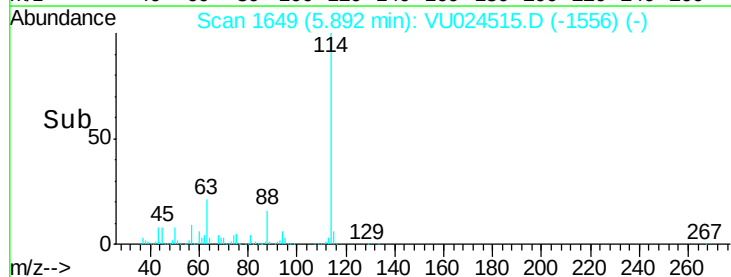
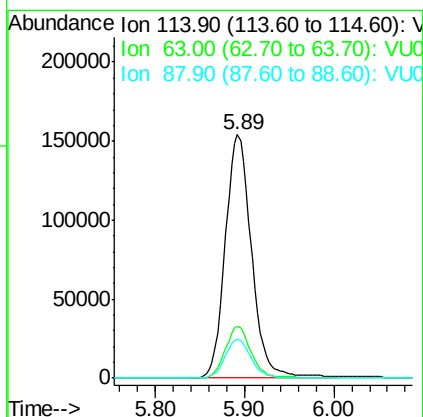
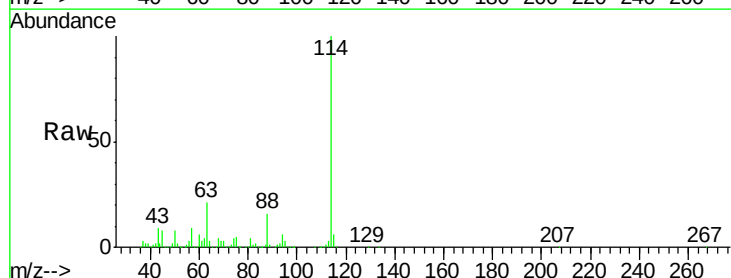
Instrument :
 MSVOA_U
 ClientSampleId :
 PB110190ZHE#14

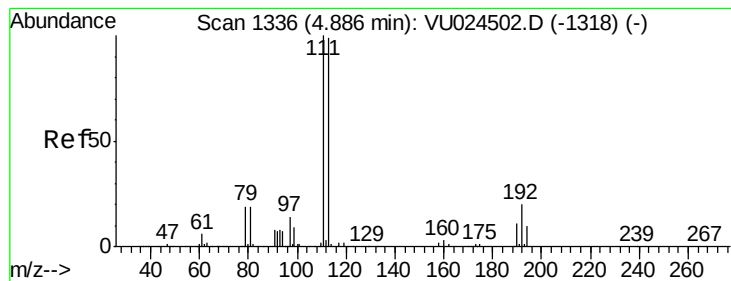
Tot Ion: 65 Resp: 145182
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024515.D
 Acq: 13 Jun 2018 18:08

Tgt Ion: 114 Resp: 315275
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 45.4
 88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.237 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024515.D

Acq: 13 Jun 2018 18:08

Instrument :

MSVOA_U

ClientSampleId :

PB110190ZHE#14

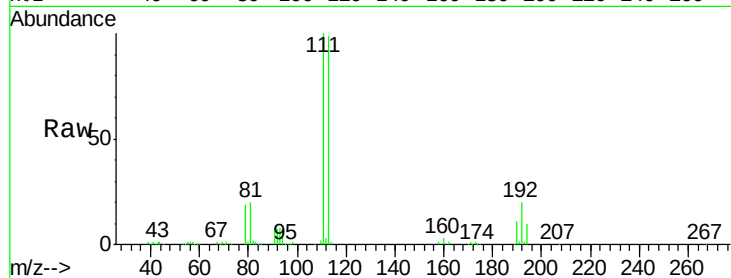
Tot Ion:113 Resp: 126215

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

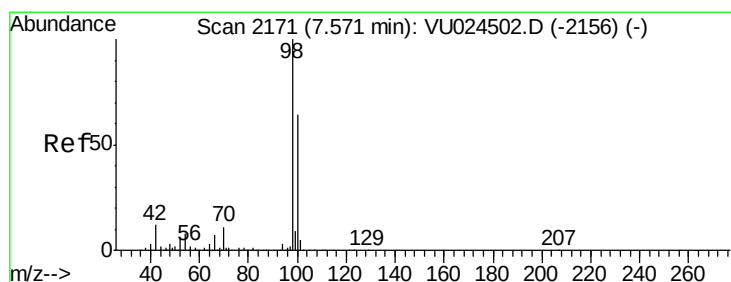
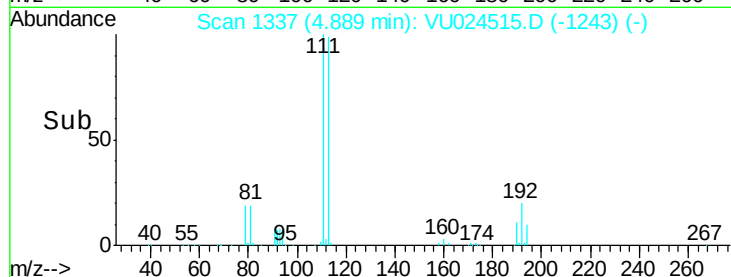
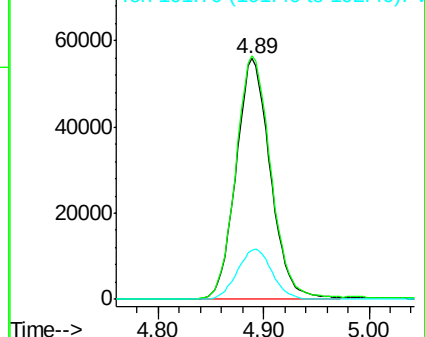
192 21.2 16.2 24.4



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: 48.698 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024515.D

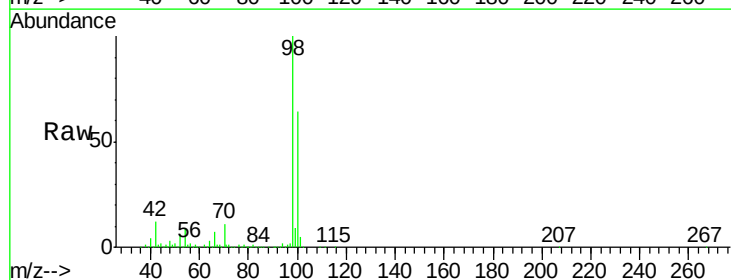
Acq: 13 Jun 2018 18:08

Tgt Ion: 98 Resp: 464778

Ion Ratio Lower Upper

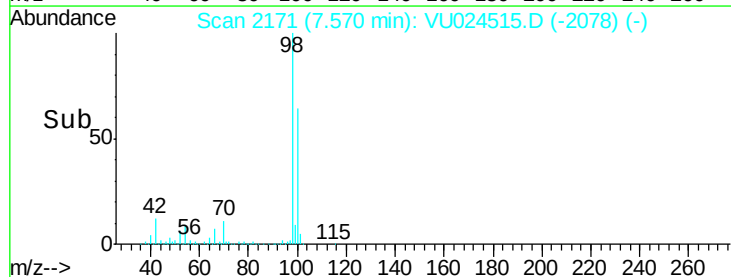
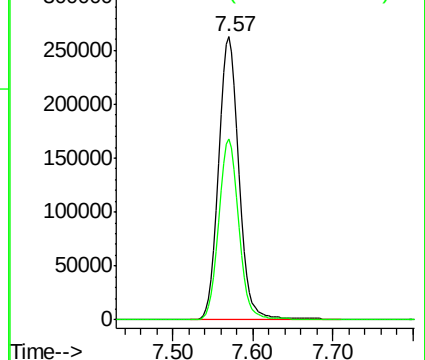
98 100

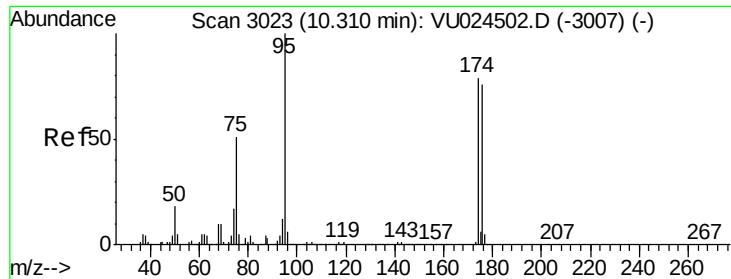
100 63.6 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

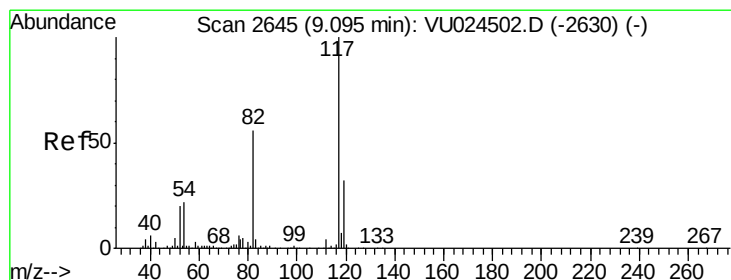
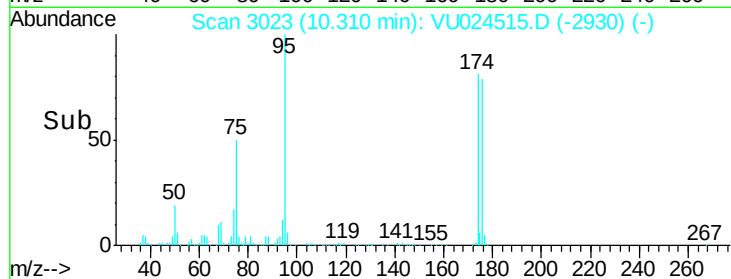
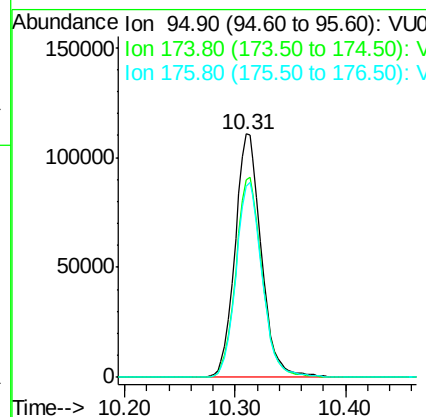
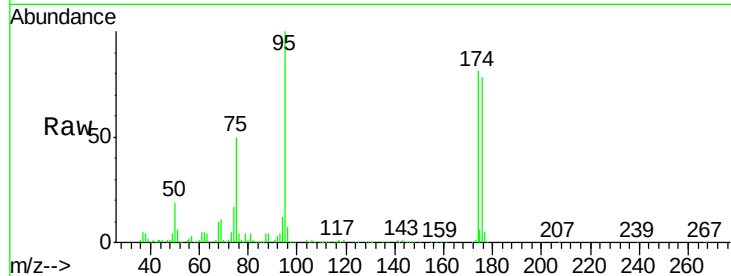




#62
4-Bromofluorobenzene
Concen: 47.909 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024515.D
Acq: 13 Jun 2018 18:08

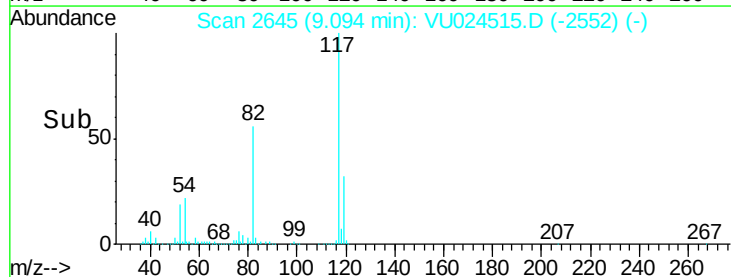
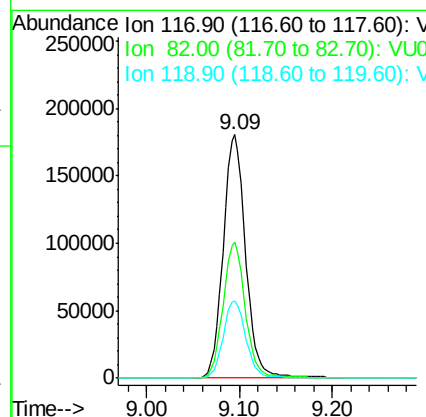
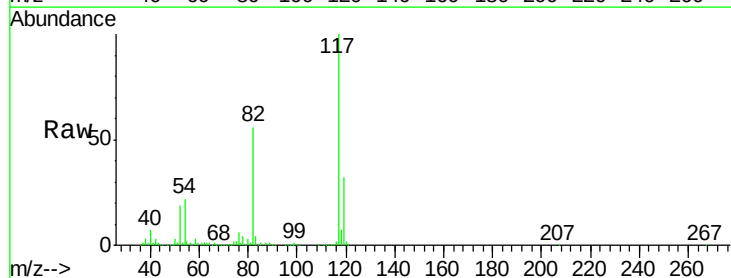
Instrument :
MSVOA_U
ClientSampleId :
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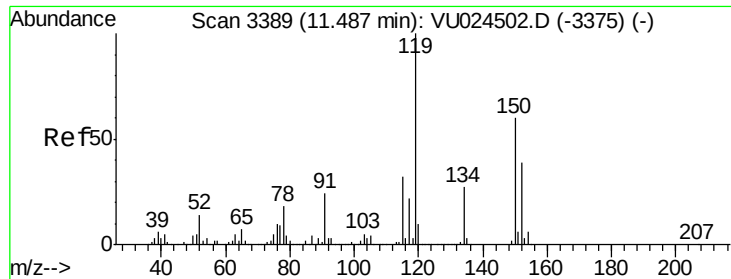
Tot Ion	95	Resp	181547
Ion Ratio	Lower	Upper	
95	100		
174	82.7	0.0	165.8
176	80.1	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024515.D
Acq: 13 Jun 2018 18:08

Tgt Ion	117	Resp	302830
Ion Ratio	Lower	Upper	
117	100		
82	55.9	44.3	66.5
119	32.0	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: VU024515.D

Acq: 13 Jun 2018 18:08

Instrument :

MSVOA_U

ClientSampleId :

PB110190ZHE#14

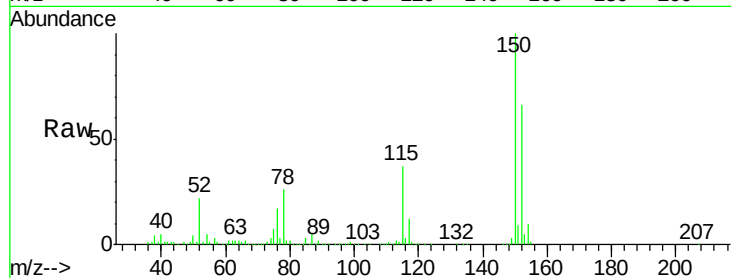
Tot Ion:152 Resp: 179156

Ion Ratio Lower Upper

152 100

115 57.0 43.0 129.0

150 153.6 0.0 354.0



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

