

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024533.D
 Acq On : 14 Jun 2018 12:38
 Operator : MD/SY
 Sample : J3251-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SU-03-061118

Quant Time: Jun 15 02:36:48 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

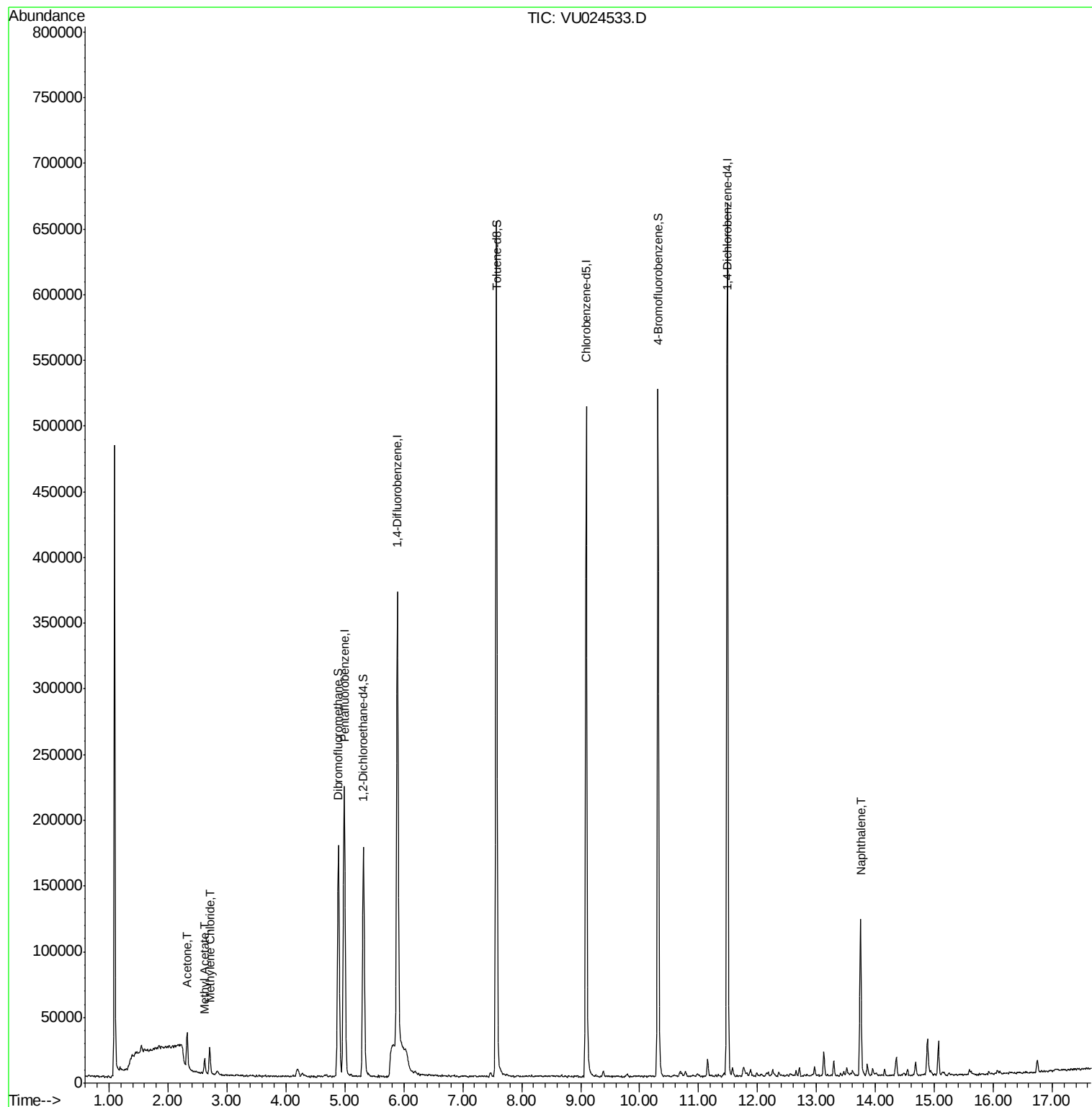
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	176373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	302290	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	173228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	134713	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
35) Dibromofluoromethane	4.89	113	121888	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	7.57	98	444331	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	10.31	95	174558	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
Target Compounds						
16) Acetone	2.32	43	29994	19.388	ug/l	96
18) Methyl Acetate	2.62	43	13217	3.985	ug/l	99
20) Methylene Chloride	2.71	84	9510	3.918	ug/l	94
95) Naphthalene	13.75	128	98101	8.276	ug/l	100

(#) = 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: VU024533.D

Acq: 14 Jun 2018 12:38

Instrument :

MSVOA_U

ClientSampleId :

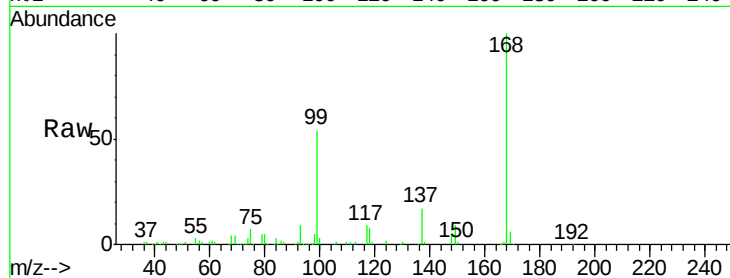
SU-03-061118

Tot Ion:168 Resp: 176373

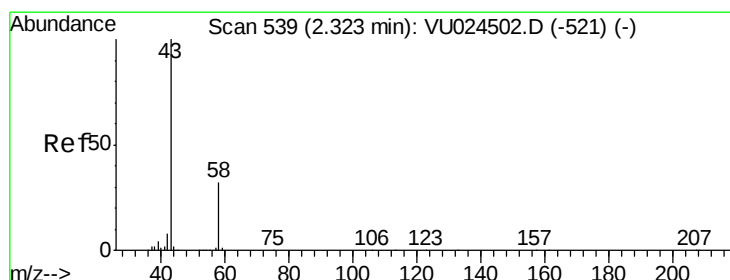
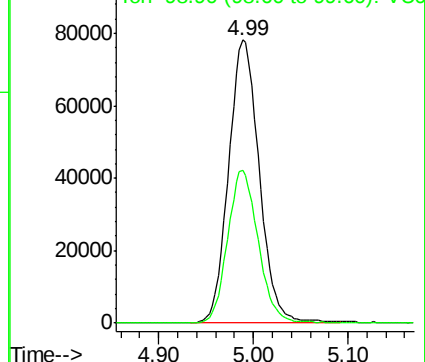
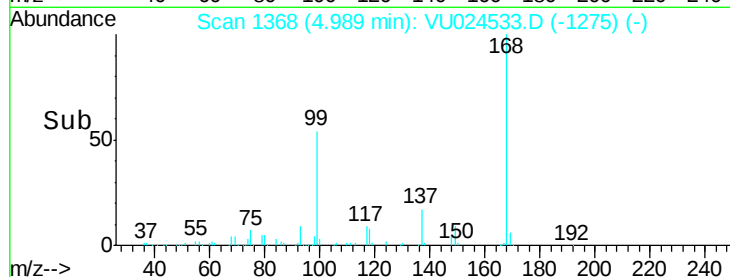
Ion Ratio Lower Upper

168 100

99 54.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024533.D (-1275) (-)



#16

Acetone

Concen: 19.388 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024533.D

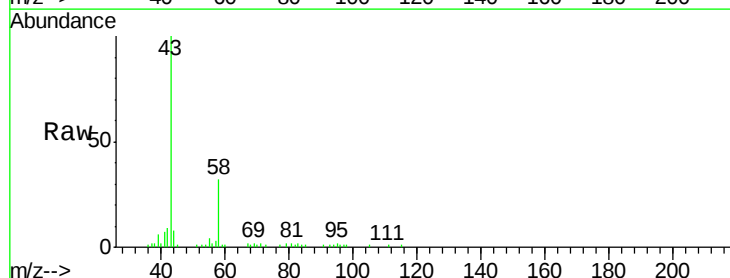
Acq: 14 Jun 2018 12:38

Tgt Ion: 43 Resp: 29994

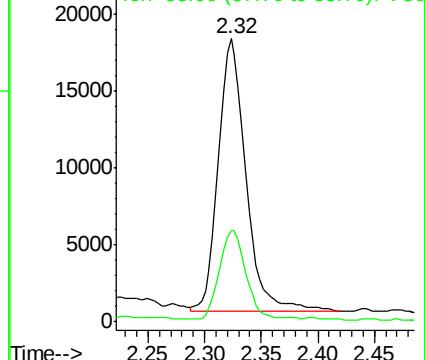
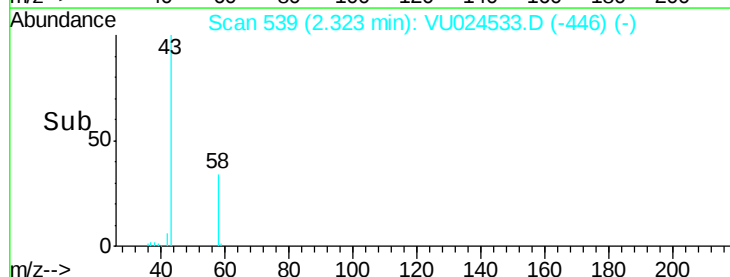
Ion Ratio Lower Upper

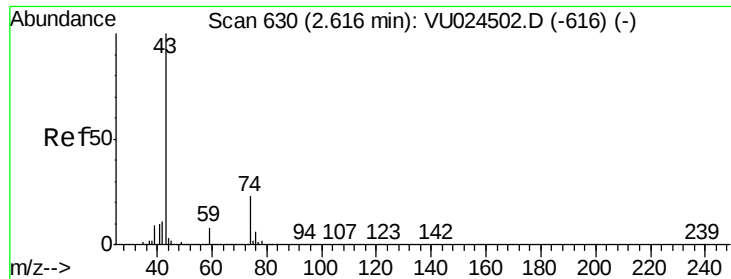
43 100

58 32.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024533.D (-446) (-)

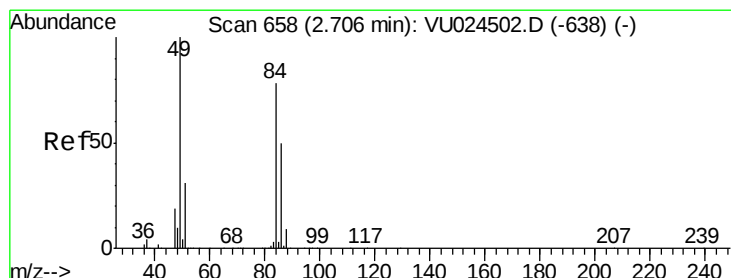
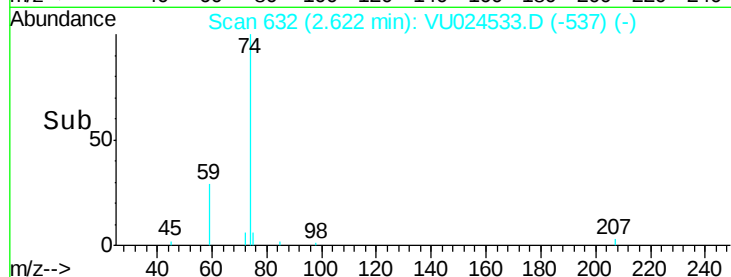
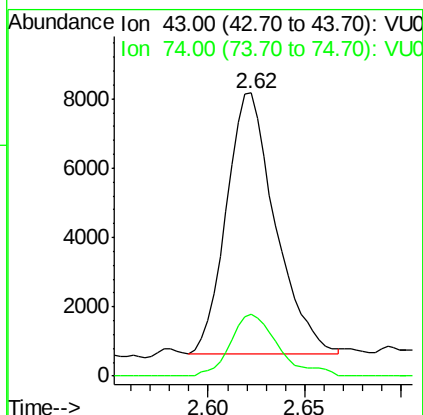
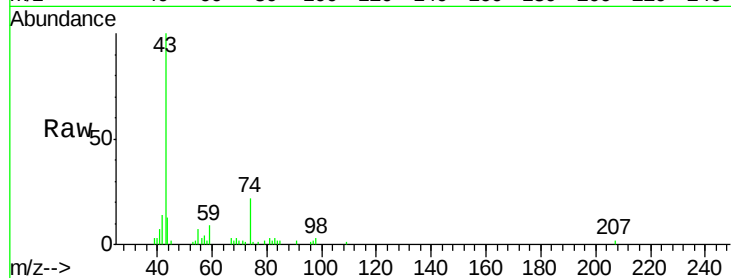




#18
Methyl Acetate
Concen: 3.985 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU024533.D
Acq: 14 Jun 2018 12:38

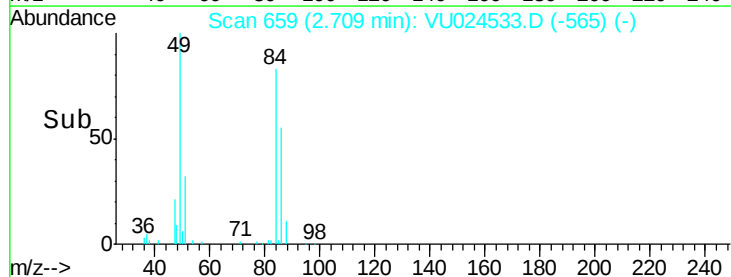
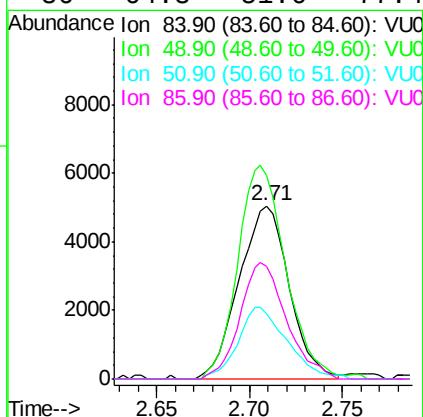
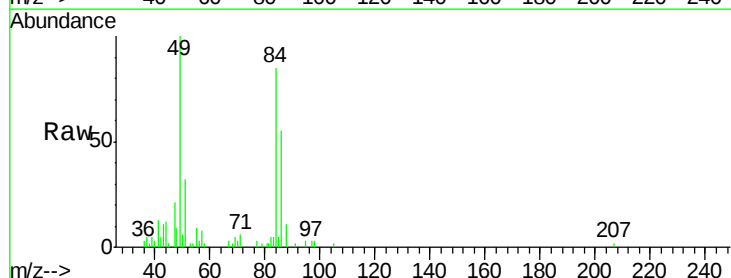
Instrument :
MSVOA_U
ClientSampleId :
SU-03-061118

Tot Ion: 43 Resp: 13217
Ion Ratio Lower Upper
43 100
74 23.1 18.0 27.0



#20
Methylene Chloride
Concen: 3.918 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.00 min
Lab File: VU024533.D
Acq: 14 Jun 2018 12:38

Tgt Ion: 84 Resp: 9510
Ion Ratio Lower Upper
84 100
49 117.8 103.8 155.8
51 37.7 32.0 48.0
86 64.8 51.6 77.4

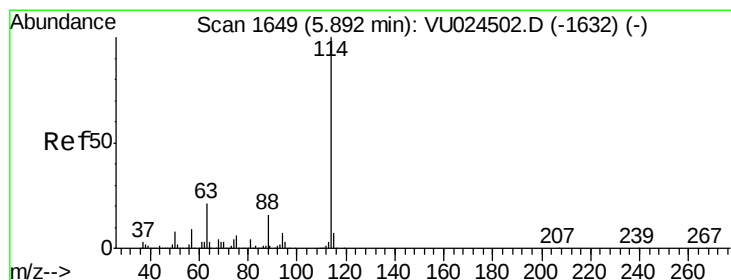
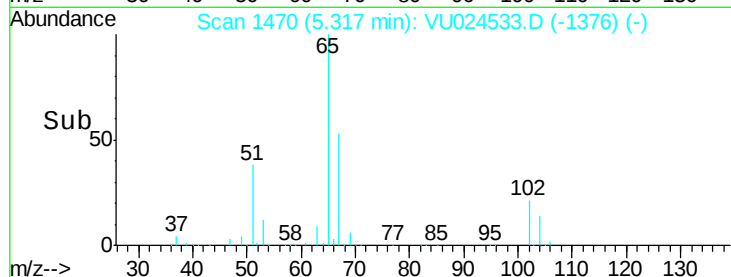
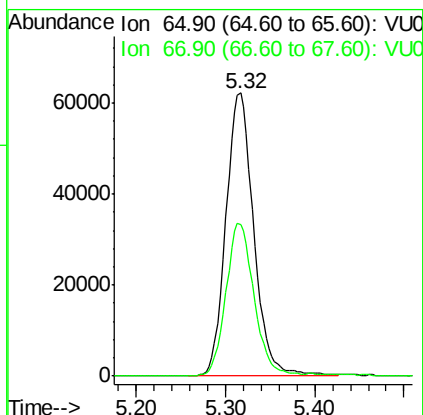
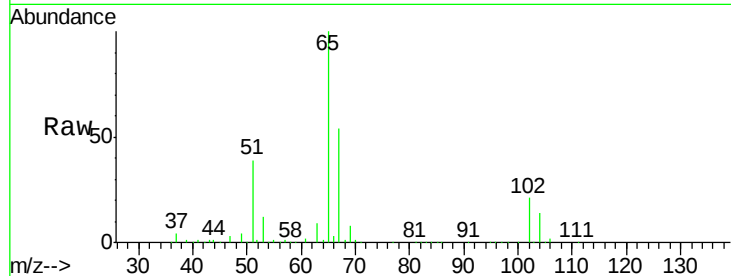




#33
 1,2-Dichloroethane-d4
 Concen: 46.786 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024533.D
 Acq: 14 Jun 2018 12:38

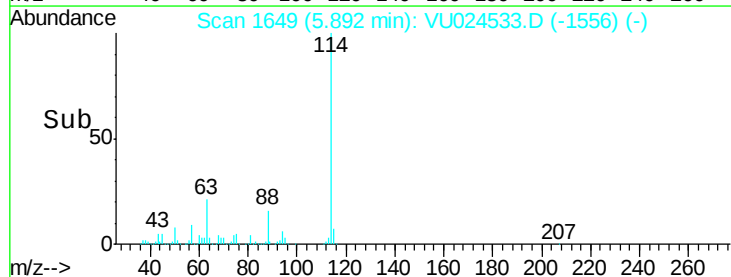
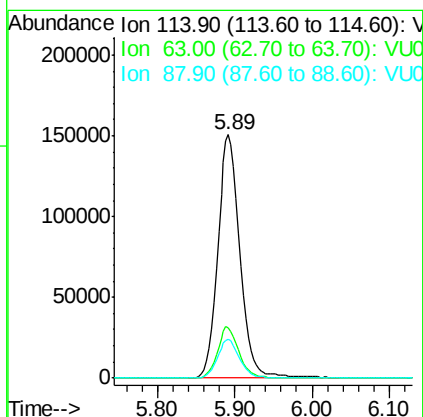
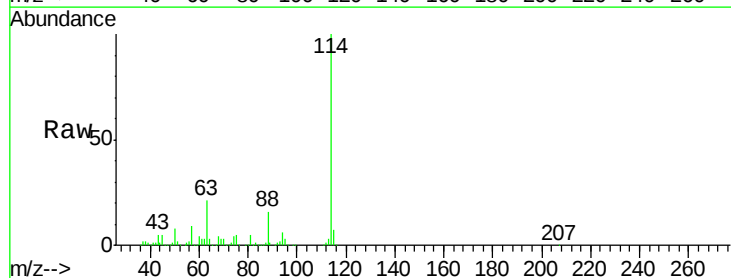
Instrument :
 MSVOA_U
 ClientSampleId :
 SU-03-061118

Tot Ion: 65 Resp: 134713
 Ion Ratio Lower Upper
 65 100
 67 54.1 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: VU024533.D
 Acq: 14 Jun 2018 12:38

Tgt Ion: 114 Resp: 302290
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 16.0 0.0 31.0

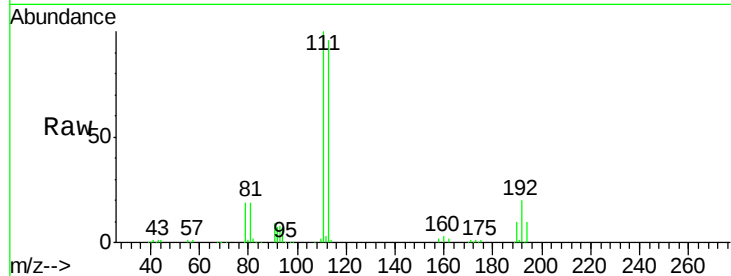




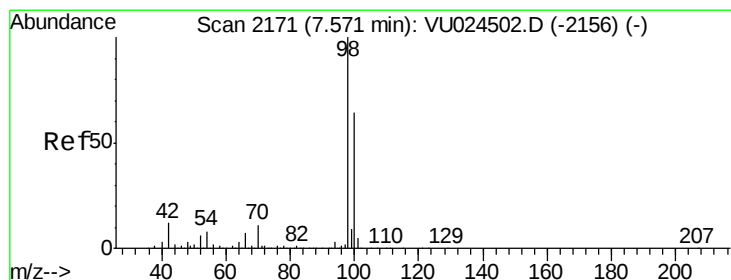
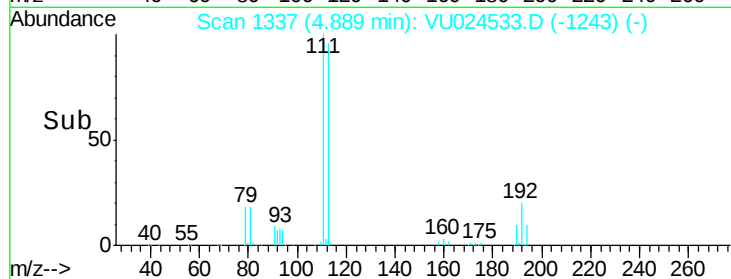
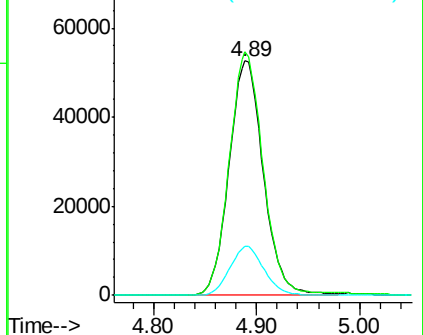
#35
Dibromofluoromethane
Concen: 48.585 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024533.D
Acq: 14 Jun 2018 12:38

Instrument :
MSVOA_U
ClientSampleId :
SU-03-061118

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	20.9	16.2	24.4

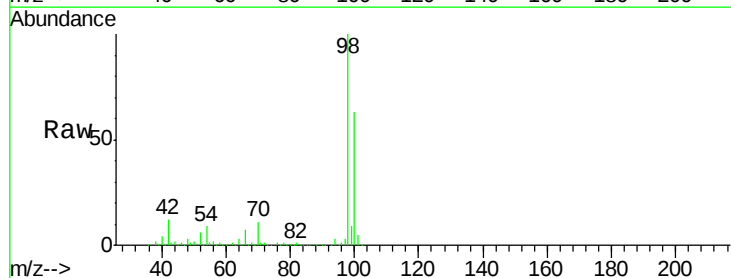


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

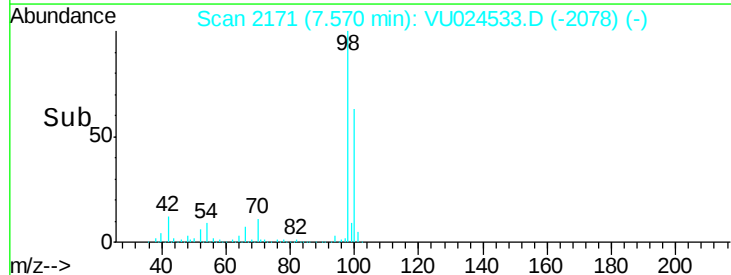
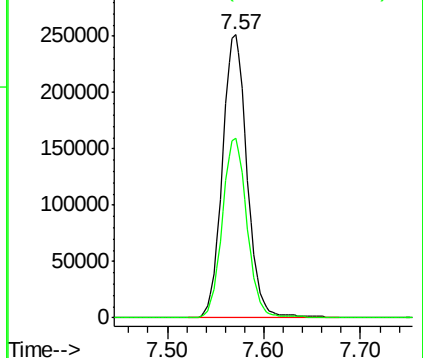


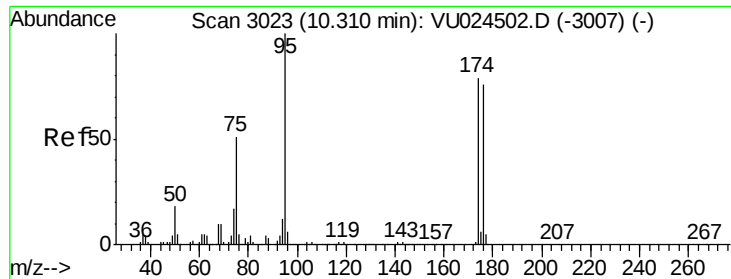
#50
Toluene-d8
Concen: 48.556 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024533.D
Acq: 14 Jun 2018 12:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.1	76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

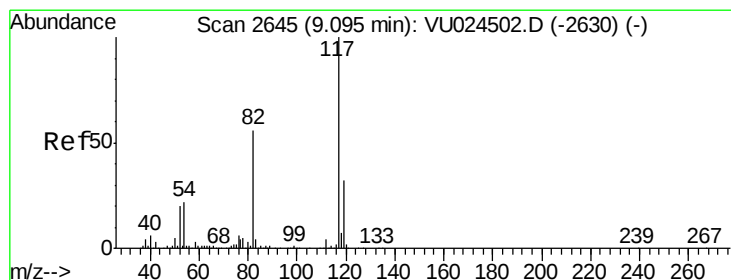
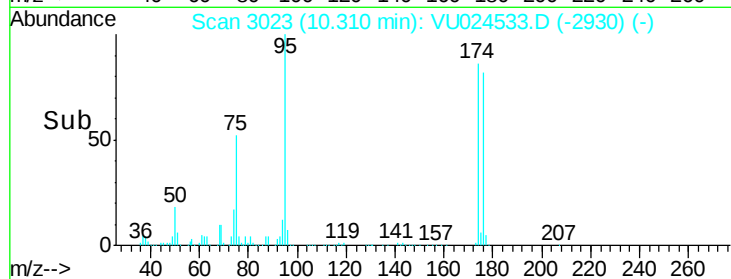
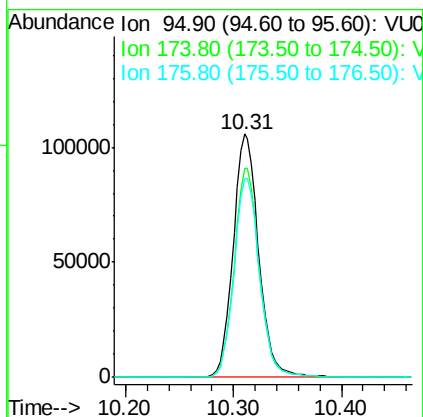
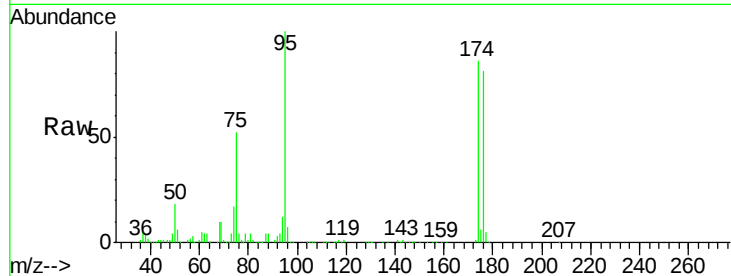




#62
4-Bromofluorobenzene
Concen: 48.044 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024533.D
Acq: 14 Jun 2018 12:38

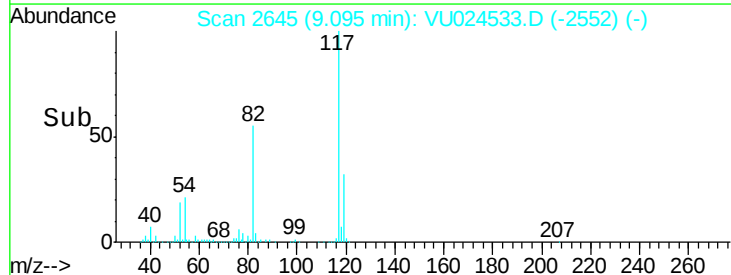
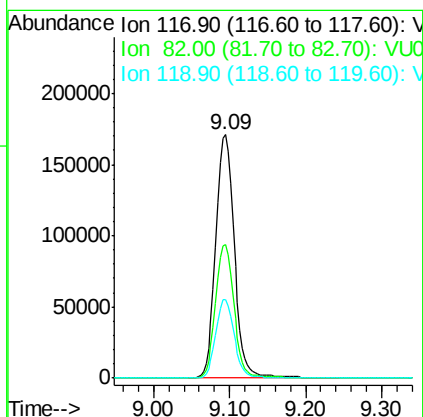
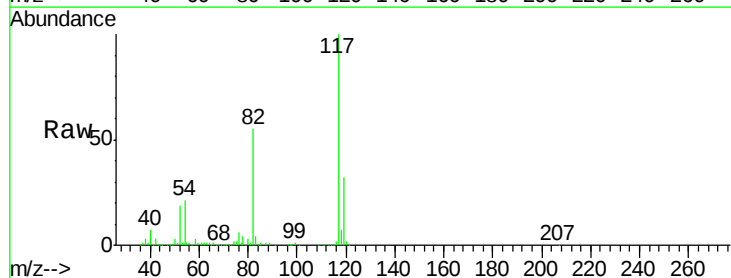
Instrument :
MSVOA_U
ClientSampleId :
SU-03-061118

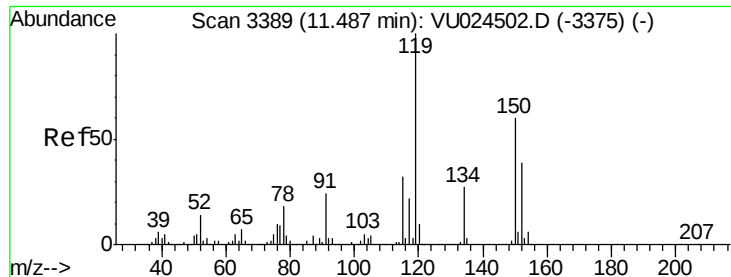
Tot Ion	95	Resp	174	Lower	Upper
Ion Ratio	100				
174	84.5		0.0	165.8	
176	82.4		0.0	159.4	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024533.D
Acq: 14 Jun 2018 12:38

Tgt Ion	117	Resp	290	513
Ion Ratio	100			
82	54.7		44.3	66.5
119	32.3		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: VU024533.D

Acq: 14 Jun 2018 12:38

Instrument :

MSVOA_U

ClientSampleId :

SU-03-061118

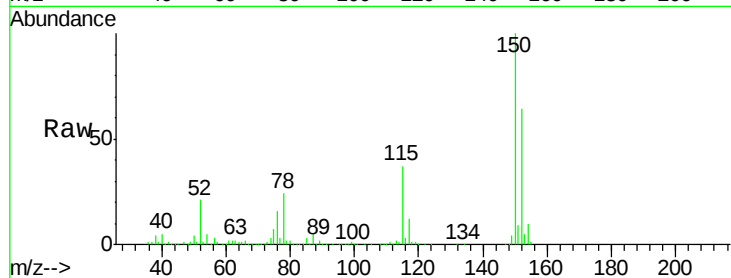
Tot Ion:152 Resp: 173228

Ion Ratio Lower Upper

152 100

115 58.0 43.0 129.0

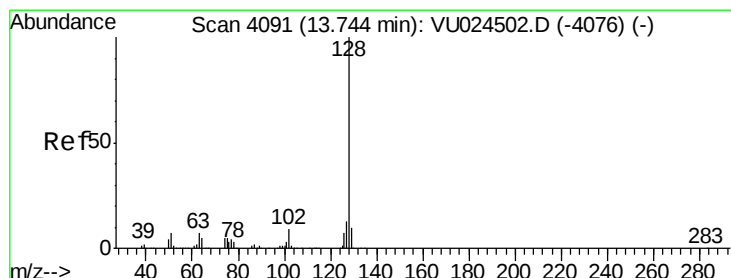
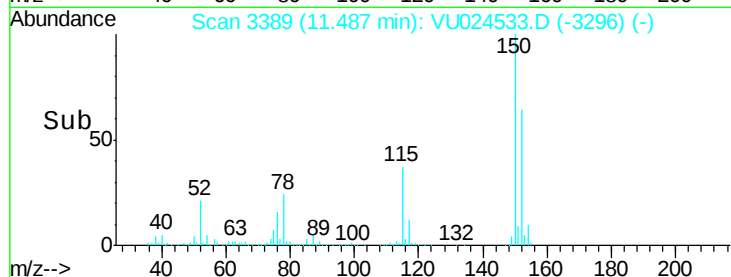
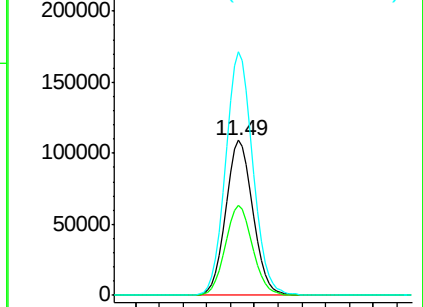
150 156.9 0.0 354.0



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



#95

Naphthalene

Concen: 8.276 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024533.D

Acq: 14 Jun 2018 12:38

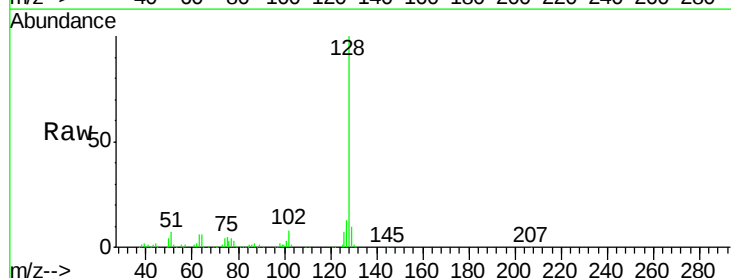
Tgt Ion:128 Resp: 98101

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

