

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024550.D
 Acq On : 14 Jun 2018 19:12
 Operator : MD/SY
 Sample : J3448-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 N-48971

Quant Time: Jun 15 04:55:54 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

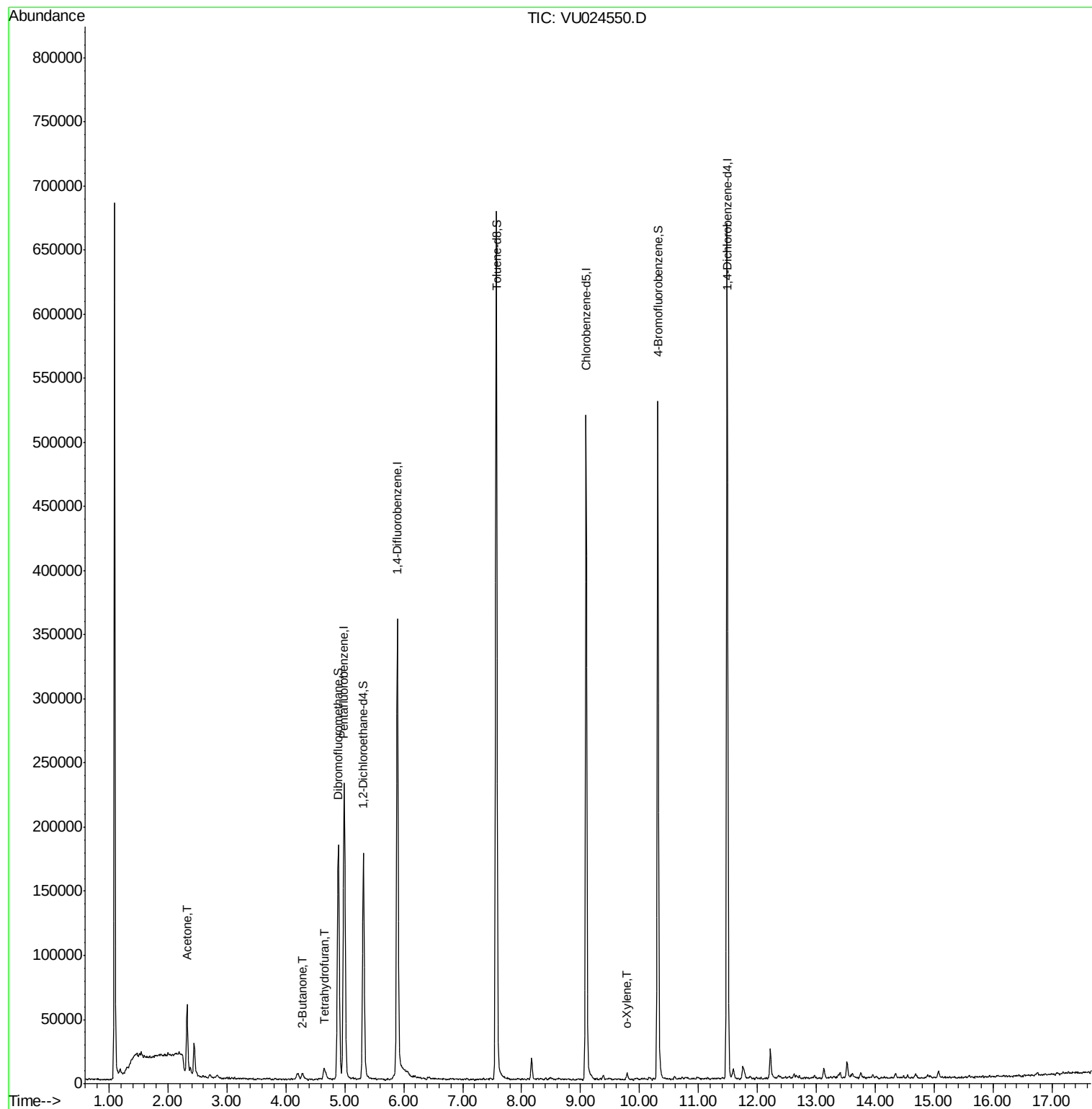
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	184443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	311373	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	297157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	175690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	136985	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
35) Dibromofluoromethane	4.89	113	125117	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	7.57	98	459168	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	10.31	95	177389	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
Target Compounds						
16) Acetone	2.32	43	54757	33.846	ug/l	97
25) 2-Butanone	4.28	43	7399	3.405	ug/l	94
29) Tetrahydrofuran	4.65	42	6337	4.709	ug/l #	83
69) o-Xylene	9.79	106	1466	0.290	ug/l	92

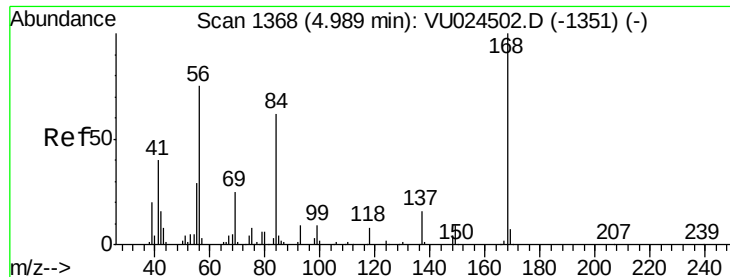
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024550.D

Acq: 14 Jun 2018 19:12

Instrument :

MSVOA_U

ClientSampleId :

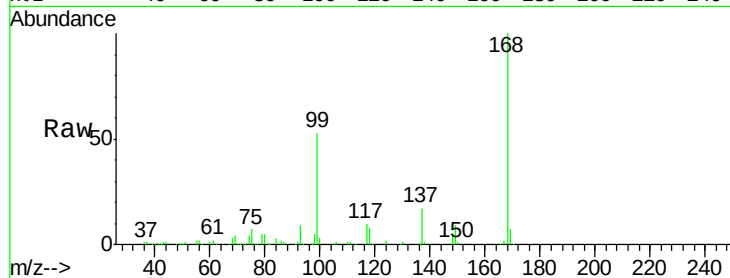
N-48971

Tot Ion:168 Resp: 184443

Ion Ratio Lower Upper

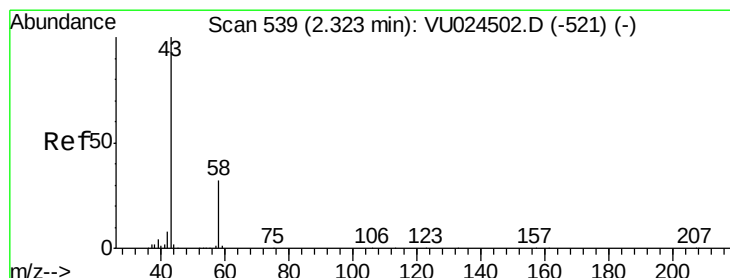
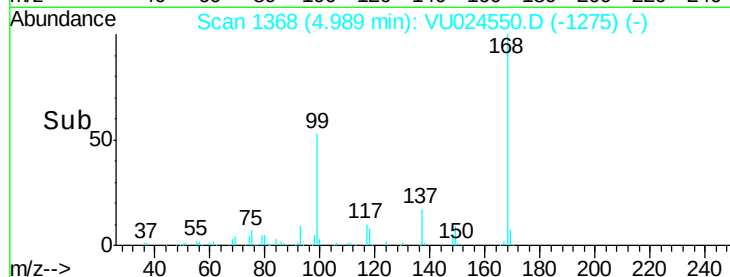
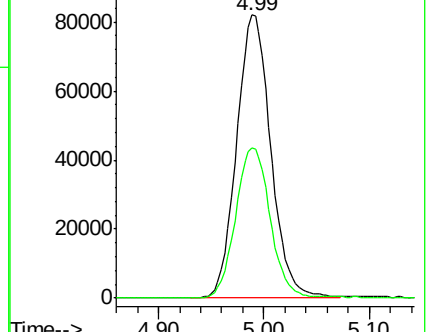
168 100

99 53.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024550.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024550.D (-1275) (-)



#16

Acetone

Concen: 33.846 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024550.D

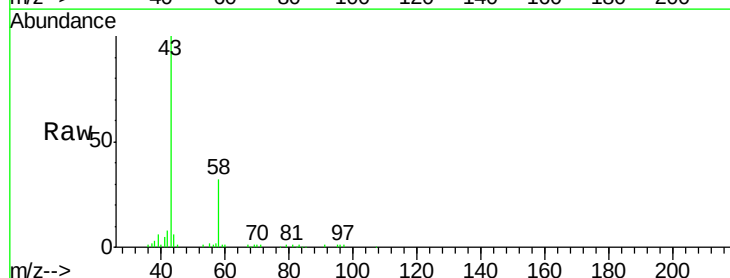
Acq: 14 Jun 2018 19:12

Tgt Ion: 43 Resp: 54757

Ion Ratio Lower Upper

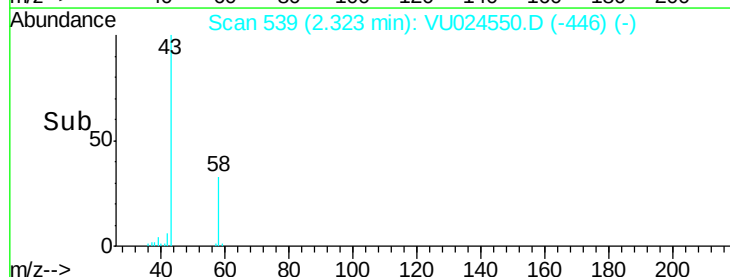
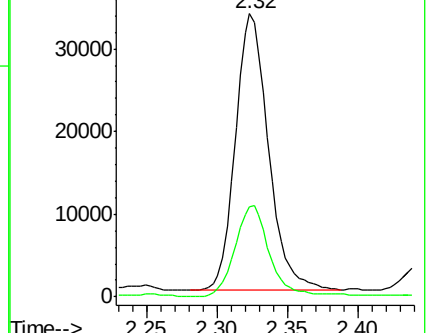
43 100

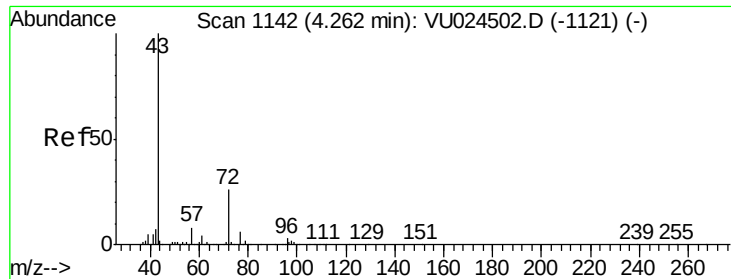
58 32.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024550.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024550.D (-446) (-)

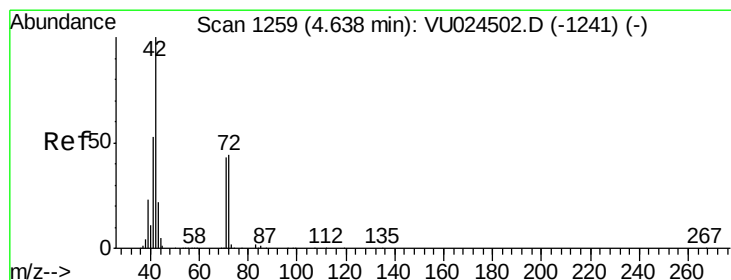
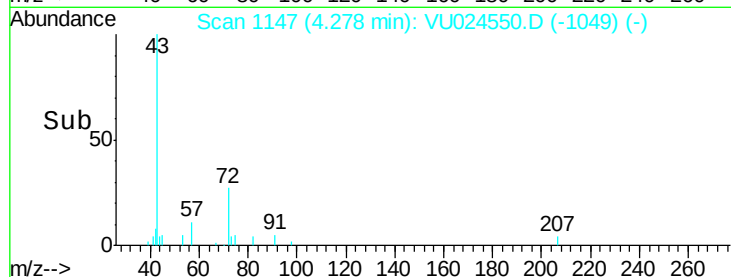
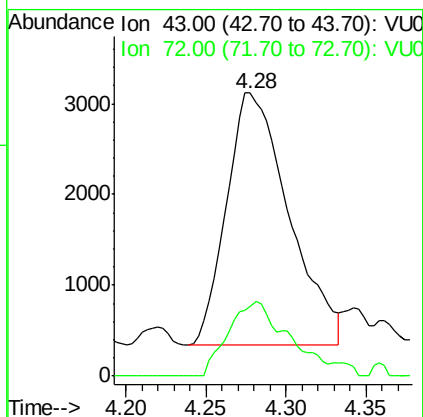
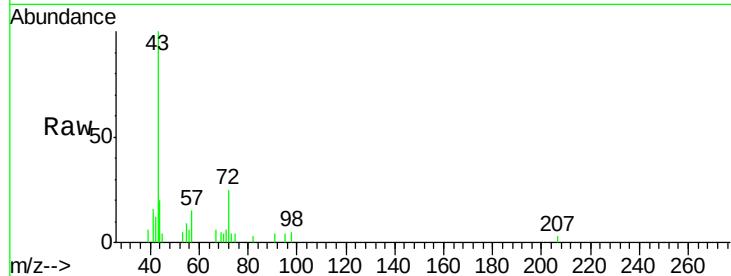




#25
2-Butanone
Concen: 3.405 ug/l
RT: 4.28 min Scan# 1147
Delta R.T. 0.02 min
Lab File: VU024550.D
Acq: 14 Jun 2018 19:12

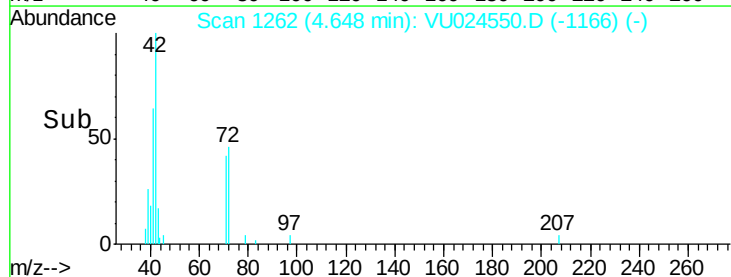
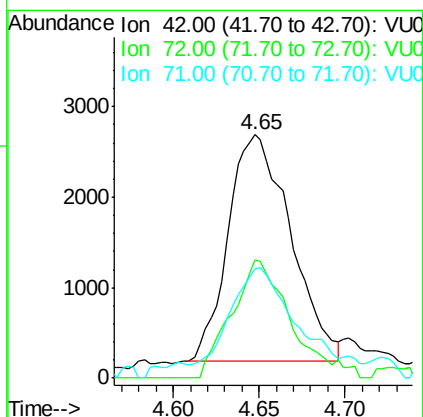
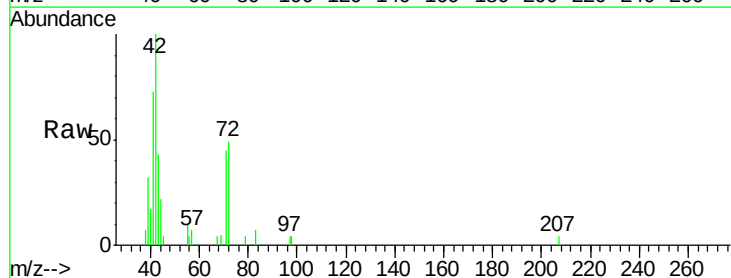
Instrument :
MSVOA_U
ClientSampled :
N-48971

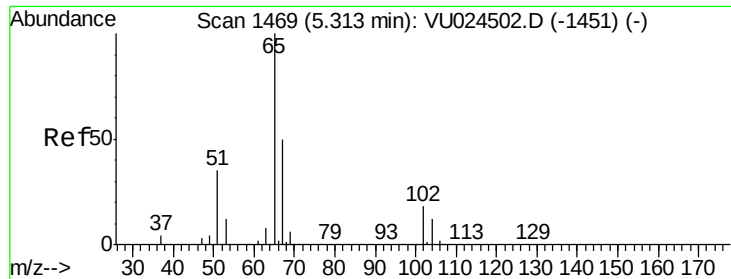
Tot Ion: 43 Resp: 7399
Ion Ratio Lower Upper
43 100
72 27.6 19.6 29.4



#29
Tetrahydrofuran
Concen: 4.709 ug/l
RT: 4.65 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VU024550.D
Acq: 14 Jun 2018 19:12

Tgt Ion: 42 Resp: 6337
Ion Ratio Lower Upper
42 100
72 49.5 34.5 51.7
71 55.1 32.2 48.4#

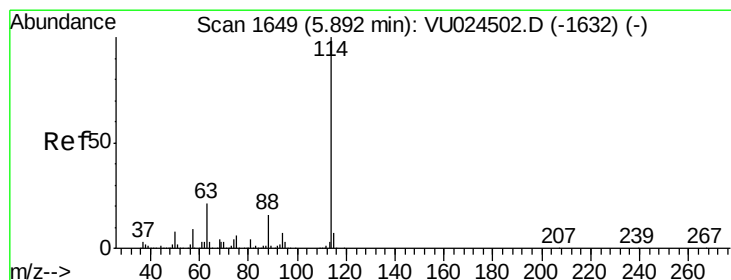
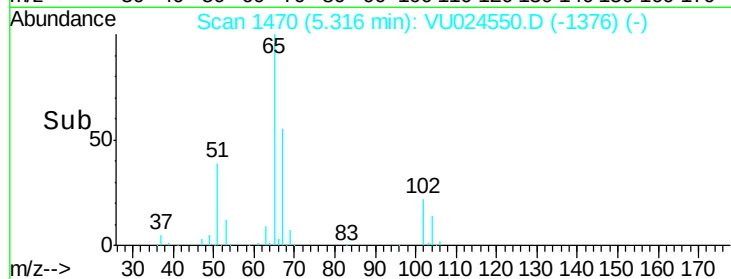
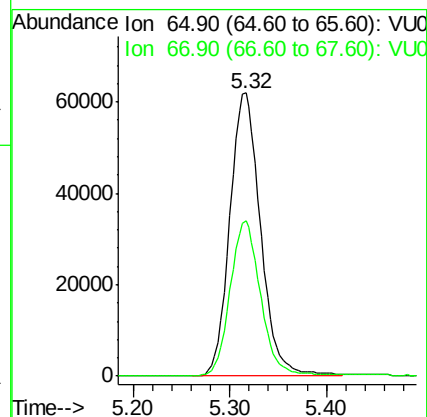
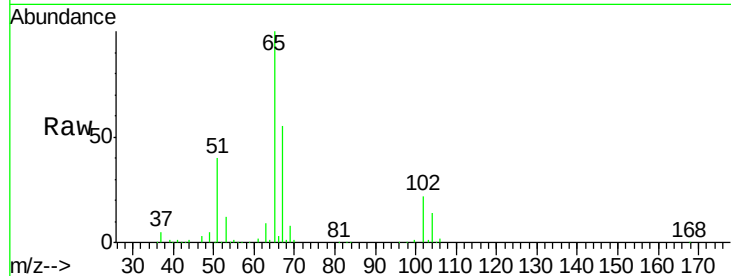




#33
 1,2-Dichloroethane-d4
 Concen: 45.494 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024550.D
 Acq: 14 Jun 2018 19:12

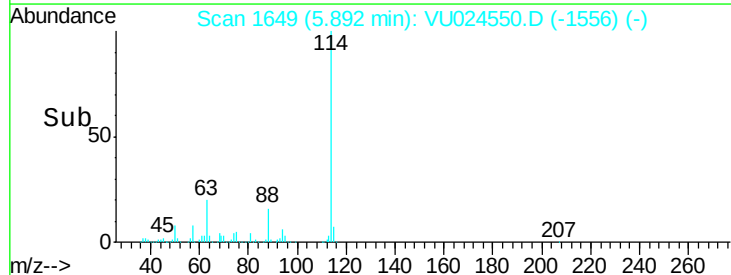
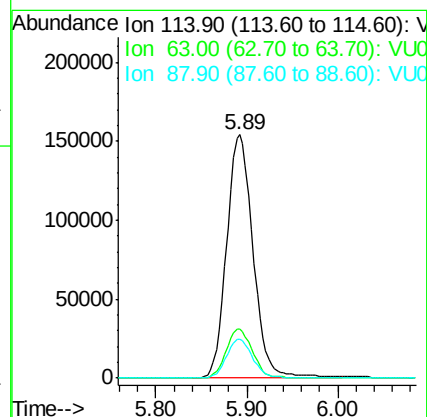
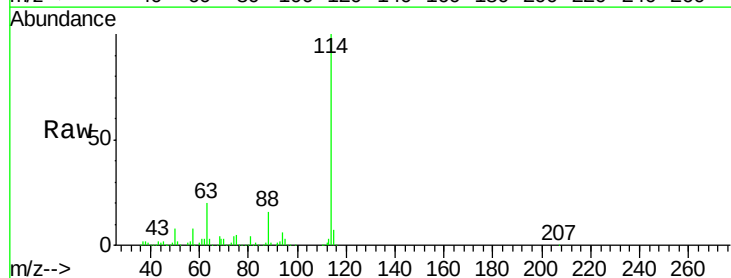
Instrument :
 MSVOA_U
 ClientSampleId :
 N-48971

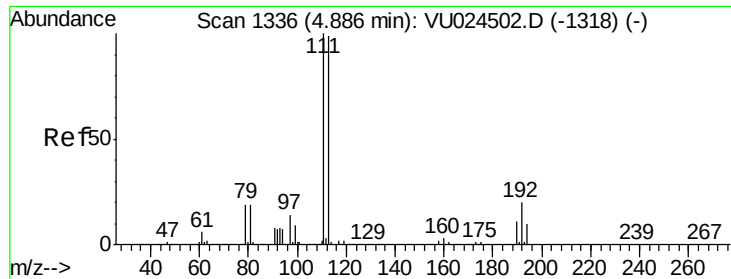
Tot Ion: 65 Resp: 136985
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024550.D
 Acq: 14 Jun 2018 19:12

Tgt Ion: 114 Resp: 311373
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.4
 88 16.2 0.0 31.0

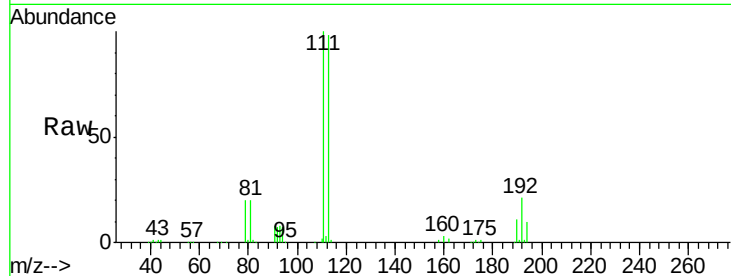




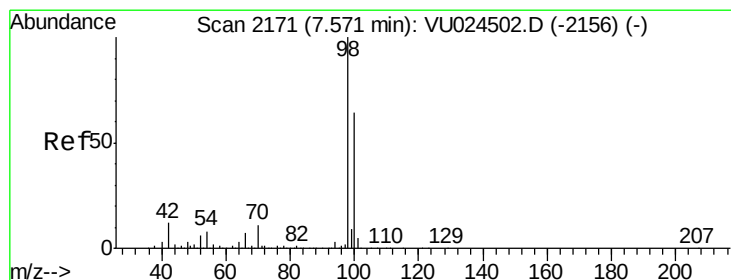
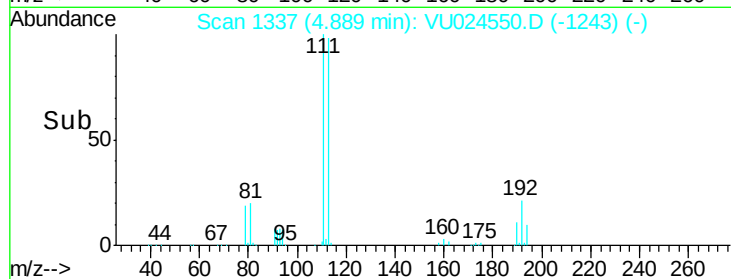
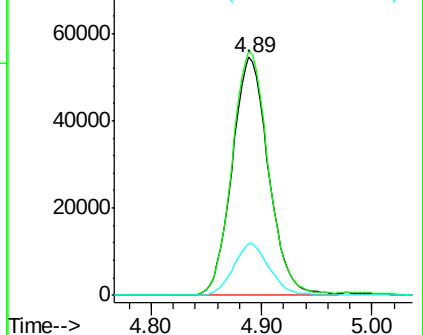
#35
Dibromofluoromethane
Concen: 48.417 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024550.D
Acq: 14 Jun 2018 19:12

Instrument :
MSVOA_U
ClientSampleId :
N-48971

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	21.4	16.2	24.4

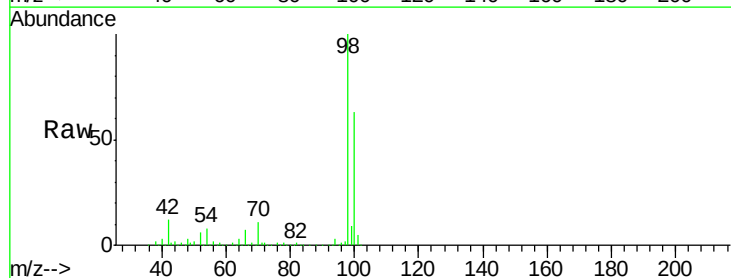


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

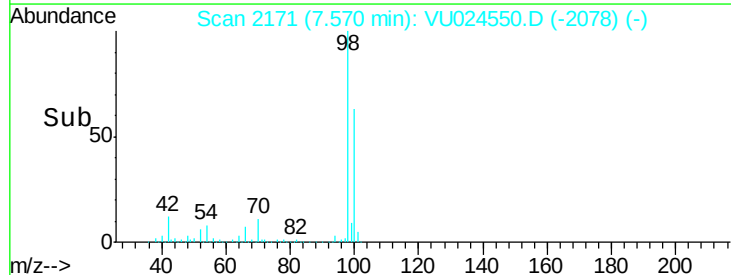
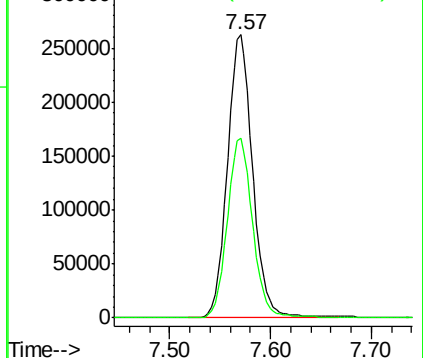


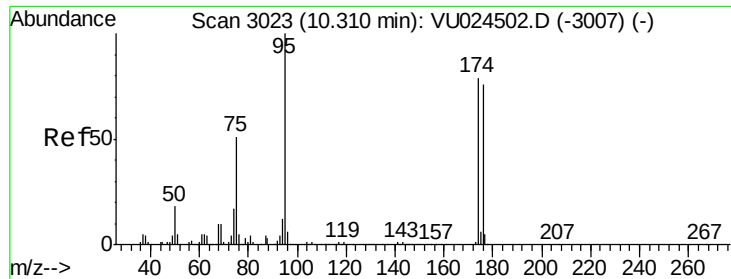
#50
Toluene-d8
Concen: 48.713 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024550.D
Acq: 14 Jun 2018 19:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7



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

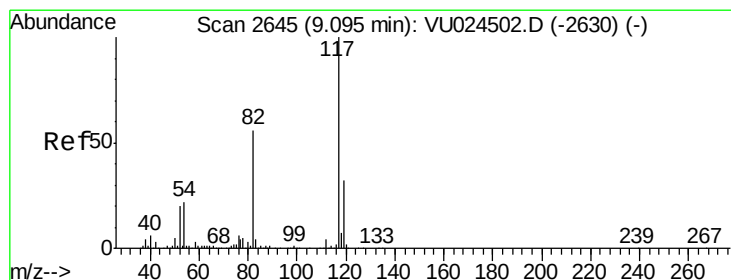
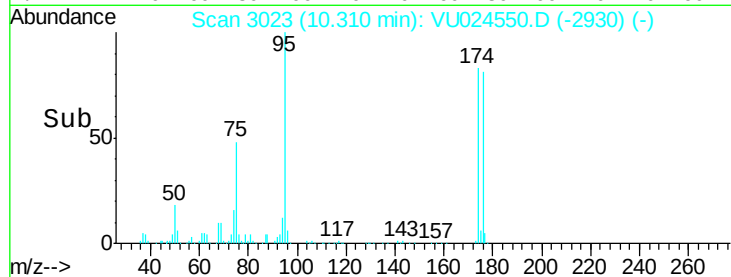
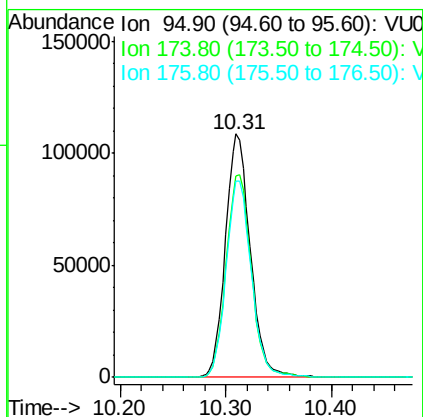
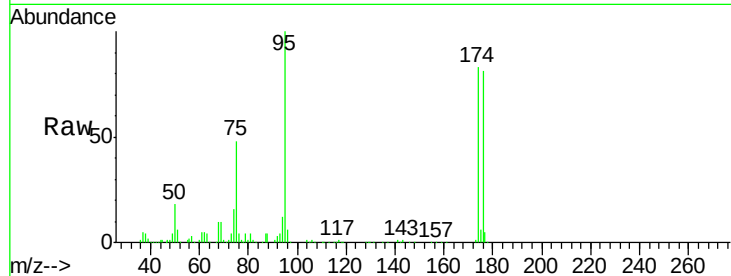




#62
4-Bromofluorobenzene
Concen: 47.399 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024550.D
Acq: 14 Jun 2018 19:12

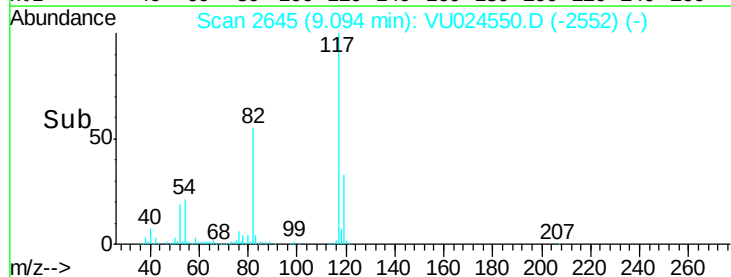
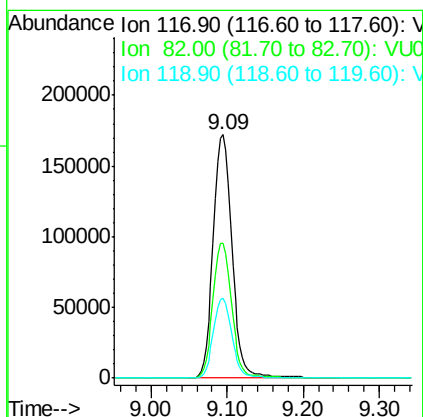
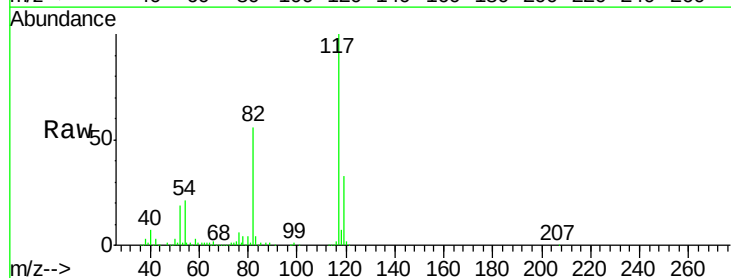
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MSVOA_U
ClientSampleId :
N-48971

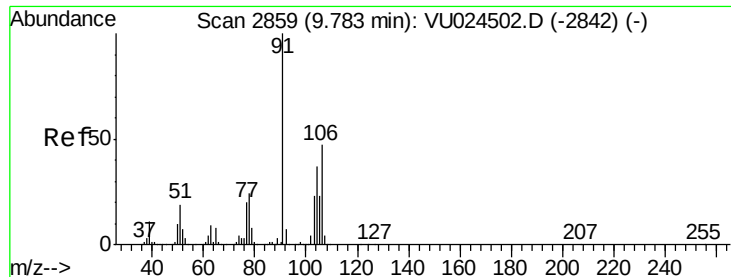
Tot Ion	95	Resp	177389
Ion Ratio	Lower	Upper	
95	100		
174	84.3	0.0	165.8
176	81.6	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024550.D
Acq: 14 Jun 2018 19:12

Tgt Ion	117	Resp	297157
Ion Ratio	Lower	Upper	
117	100		
82	55.5	44.3	66.5
119	32.9	25.4	38.2

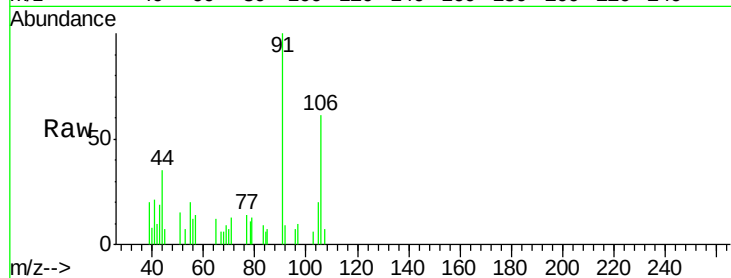




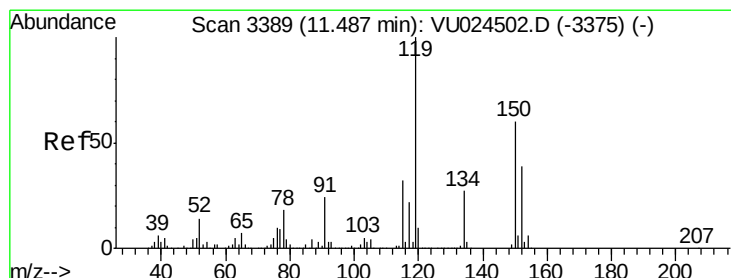
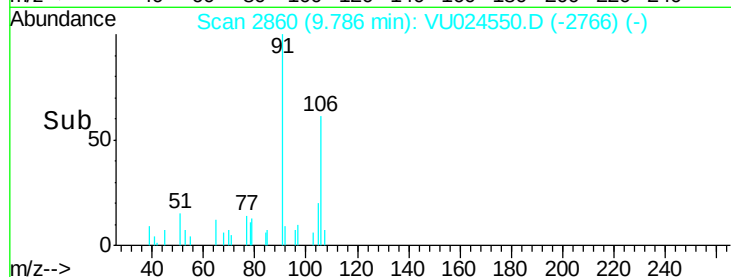
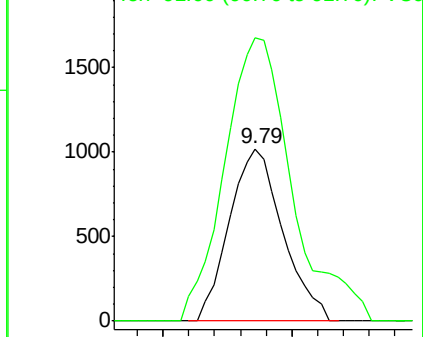
#69
o-Xylene
Concen: 0.290 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU024550.D
Acq: 14 Jun 2018 19:12

Instrument :
MSVOA_U
ClientSampleId :
N-48971

Tot Ion:106 Resp: 1466
Ion Ratio Lower Upper
106 100
91 208.7 110.7 331.9

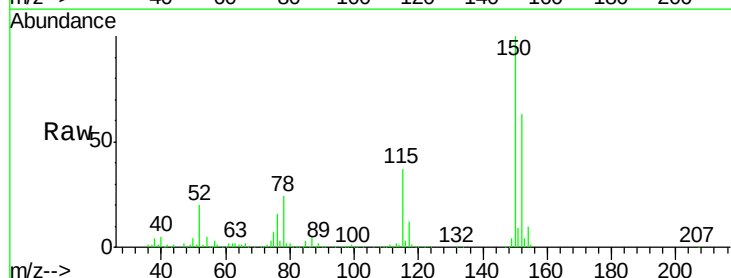


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024550.D
Acq: 14 Jun 2018 19:12

Tgt Ion:152 Resp: 175690
Ion Ratio Lower Upper
152 100
115 58.0 43.0 129.0
150 157.0 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

