

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024780.D
 Acq On : 21 Jun 2018 01:13
 Operator : MD/SY
 Sample : J3581-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SSP-A-COMPOSITE

Quant Time: Jun 21 08:42:05 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

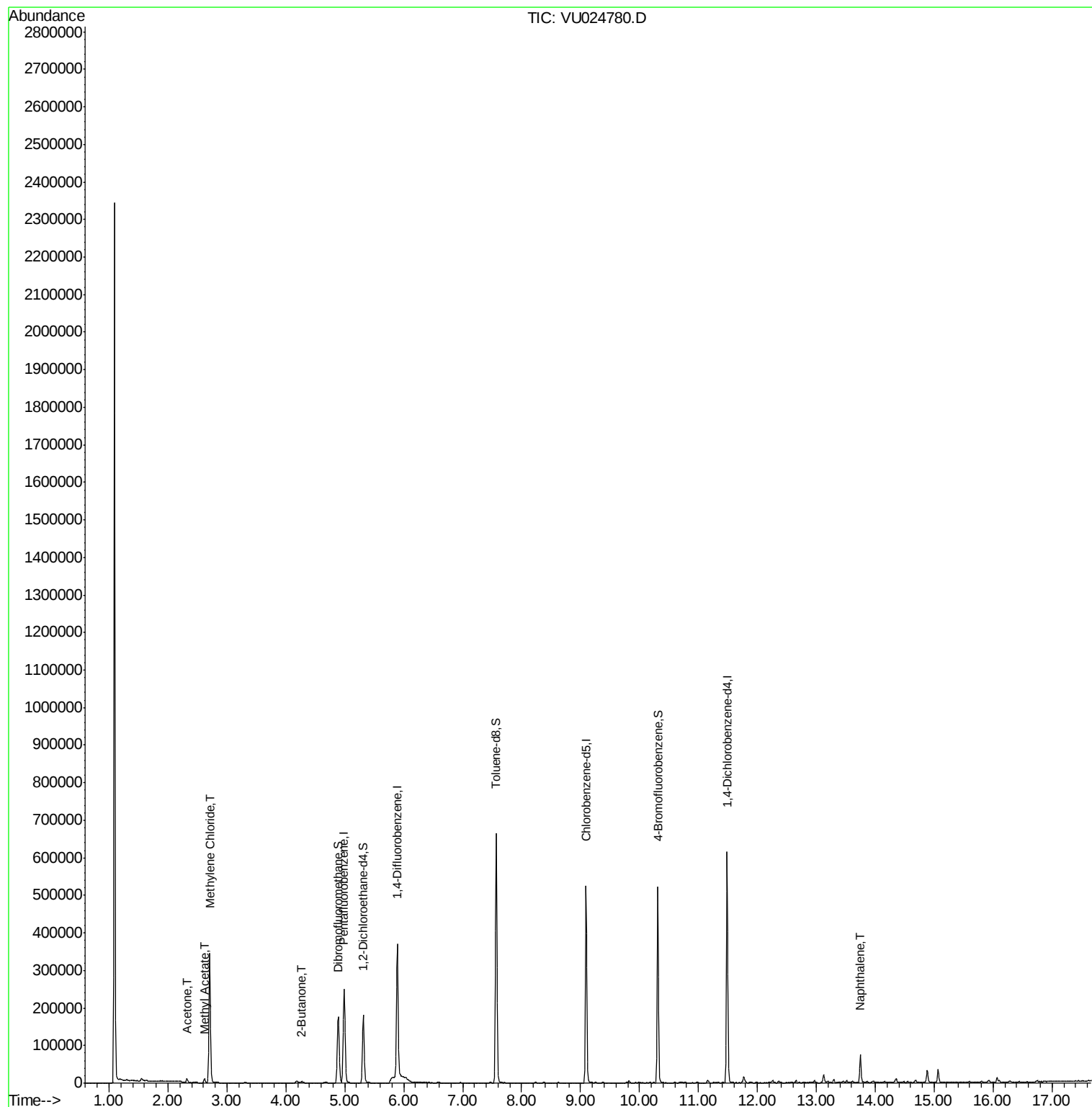
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	196800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304660	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	285258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	138527	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
35) Dibromofluoromethane	4.89	113	119093	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	7.57	98	444465	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	10.31	95	163166	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
16) Acetone	2.32	43	11421	6.62	ug/l	94
18) Methyl Acetate	2.62	43	13495	3.65	ug/l	99
20) Methylene Chloride	2.71	84	153984	56.85	ug/l	98
25) 2-Butanone	4.27	43	6234	2.69	ug/l	97
95) Naphthalene	13.75	128	60198	5.78	ug/l	99

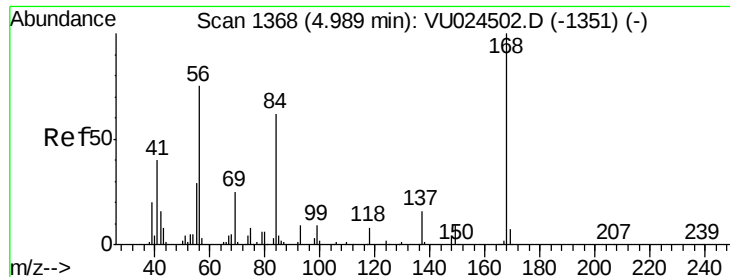
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024780.D

Acq: 21 Jun 2018 01:13

Instrument :

MSVOA_U

ClientSampleId :

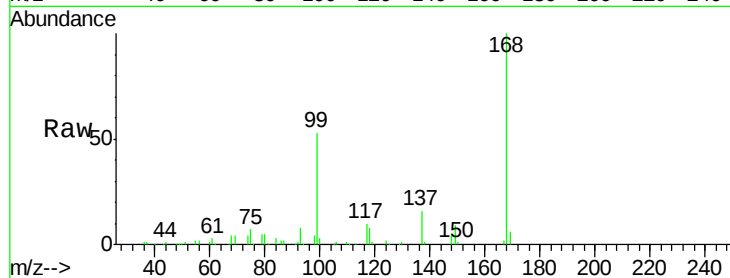
SSP-A-COMPOSITE

Tot Ion:168 Resp: 196800

Ion Ratio Lower Upper

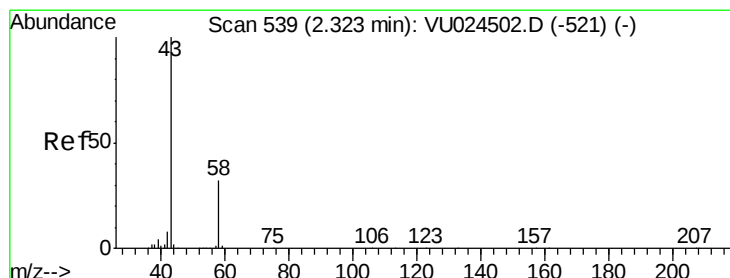
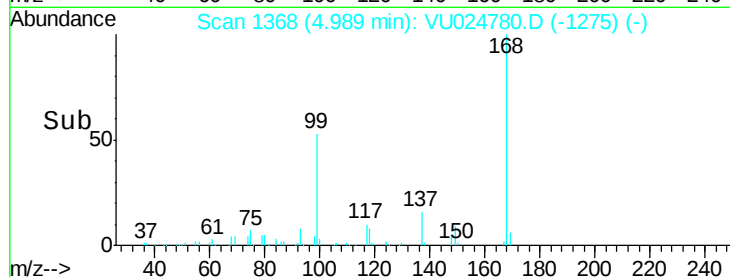
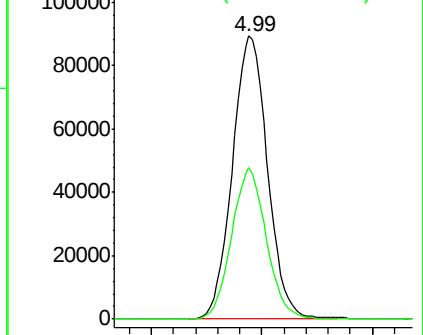
168 100

99 53.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D

Ion 98.90 (98.60 to 99.60): VU024502.D



#16

Acetone

Concen: 6.62 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024780.D

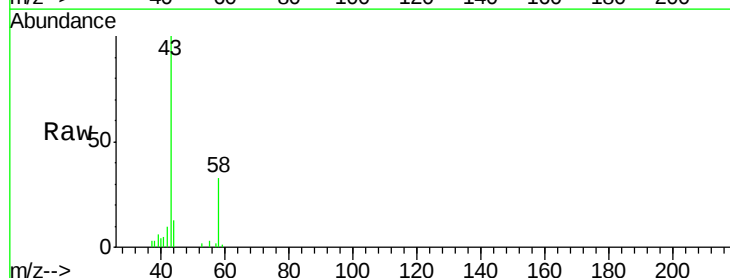
Acq: 21 Jun 2018 01:13

Tgt Ion: 43 Resp: 11421

Ion Ratio Lower Upper

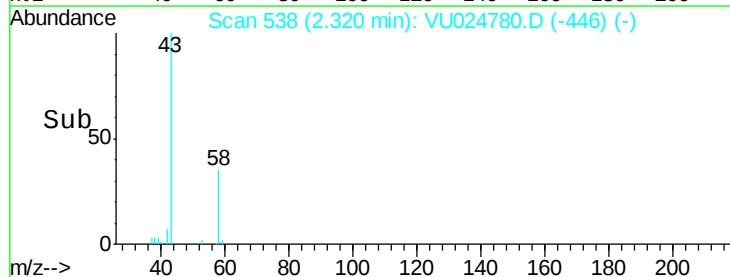
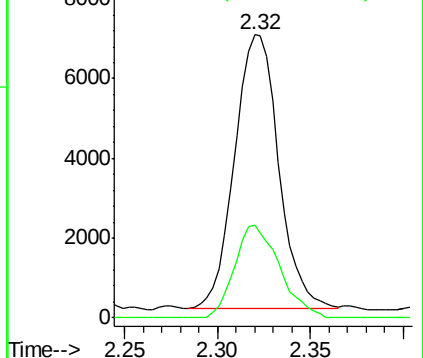
43 100

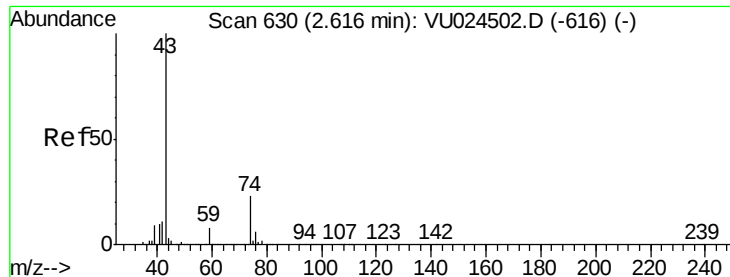
58 33.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D

Ion 58.00 (57.70 to 58.70): VU024502.D

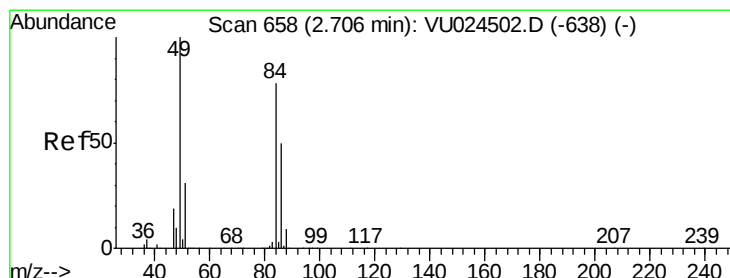
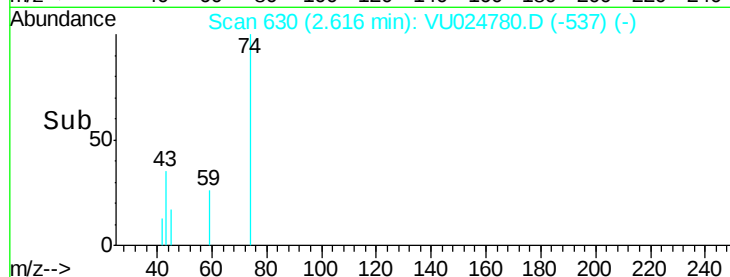
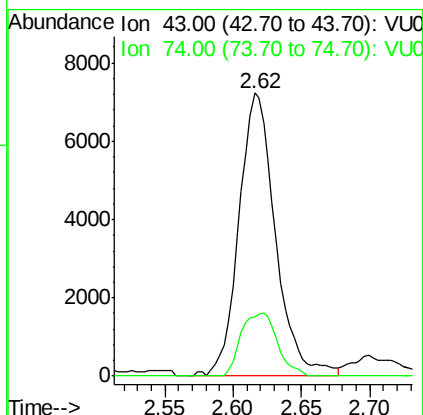
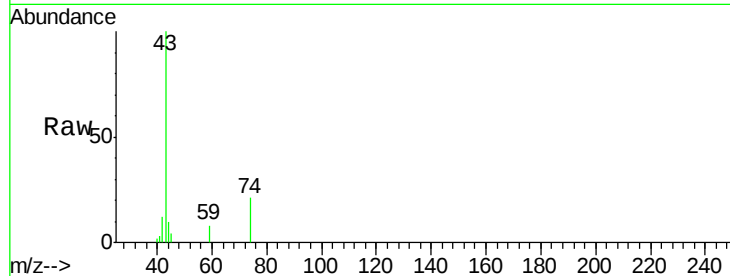




#18
Methvl Acetate
Concen: 3.65 ug/l
RT: 2.62 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU024780.D
Acq: 21 Jun 2018 01:13

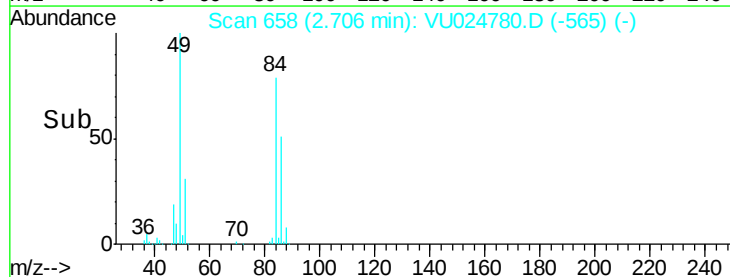
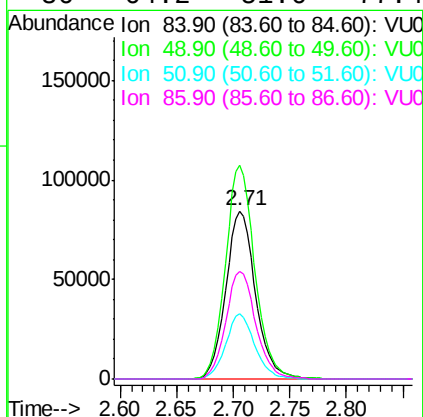
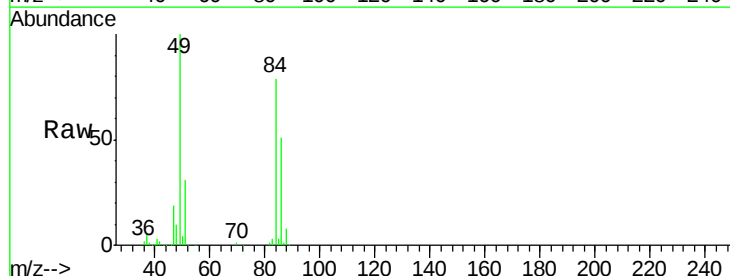
Instrument :
MSVOA_U
ClientSampleId :
SSP-A-COMPOSITE

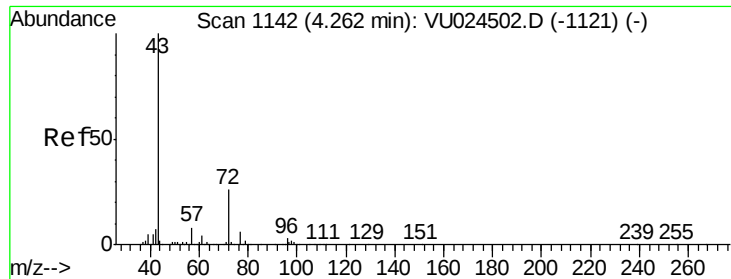
Tot Ion: 43 Resp: 13495
Ion Ratio Lower Upper
43 100
74 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 56.85 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU024780.D
Acq: 21 Jun 2018 01:13

Tgt Ion: 84 Resp: 153984
Ion Ratio Lower Upper
84 100
49 127.1 103.8 155.8
51 38.8 32.0 48.0
86 64.2 51.6 77.4

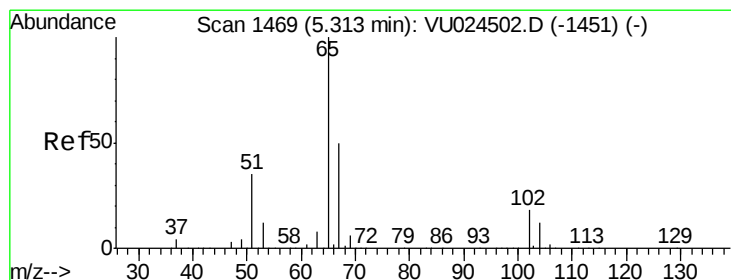
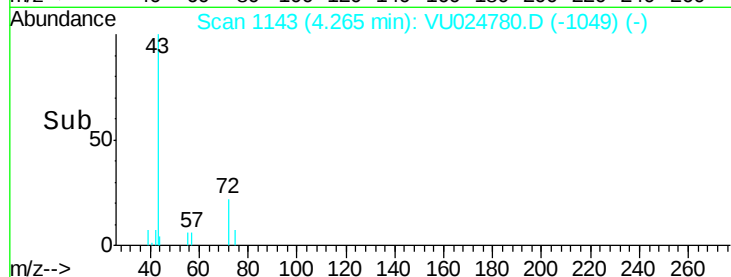
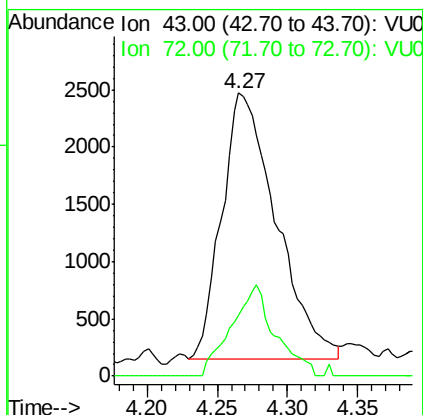
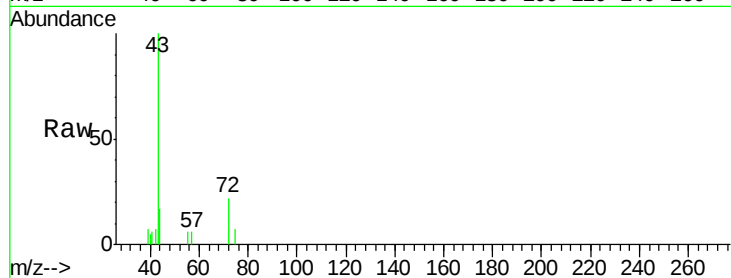




#25
2-Butanone
Concen: 2.69 ug/l
RT: 4.27 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VU024780.D
Acq: 21 Jun 2018 01:13

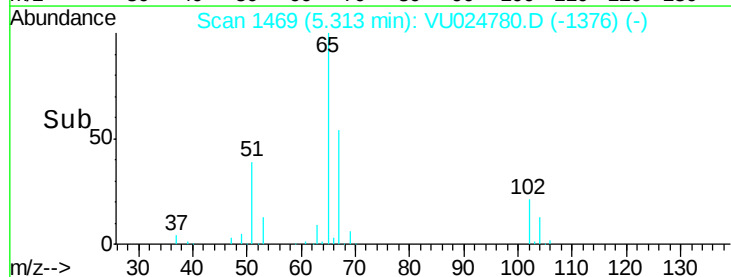
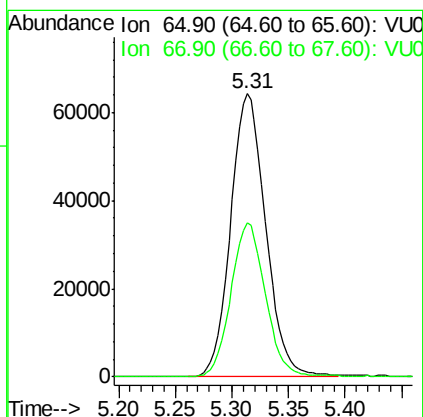
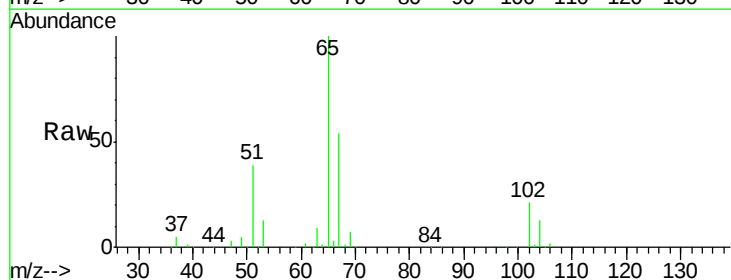
Instrument :
MSVOA_U
ClientSampleId :
SSP-A-COMPOSITE

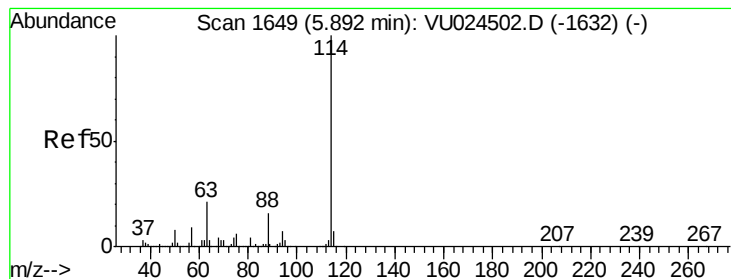
Tot Ion: 43 Resp: 6234
Ion Ratio Lower Upper
43 100
72 23.1 19.6 29.4



#33
1,2-Dichloroethane-d4
Concen: 43.12 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024780.D
Acq: 21 Jun 2018 01:13

Tgt Ion: 65 Resp: 138527
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024780.D

Acq: 21 Jun 2018 01:13

Instrument :

MSVOA_U

ClientSampleId :

SSP-A-COMPOSITE

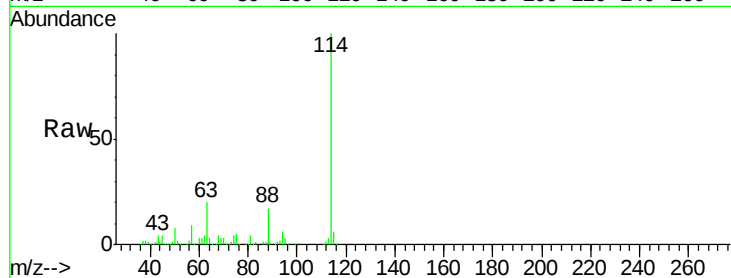
Tot Ion:114 Resp: 304660

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

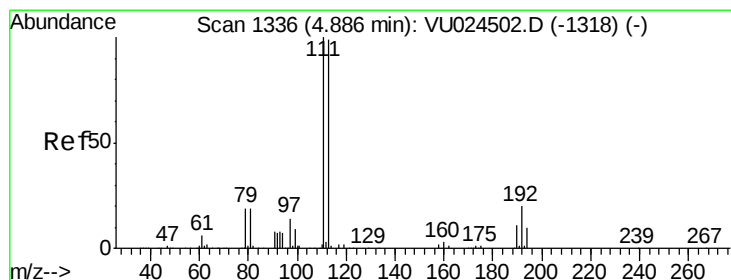
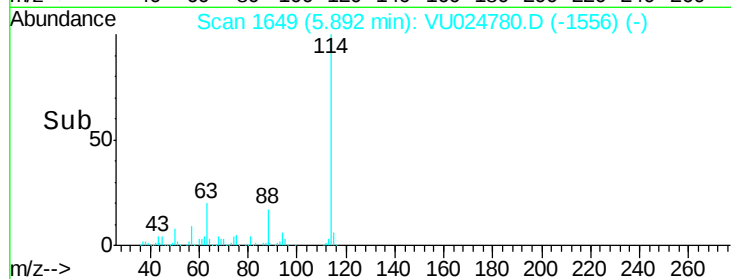
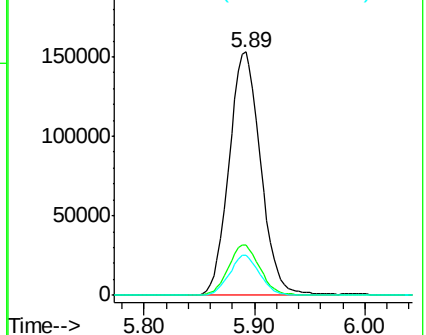
88 16.5 0.0 31.0



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: 47.10 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024780.D

Acq: 21 Jun 2018 01:13

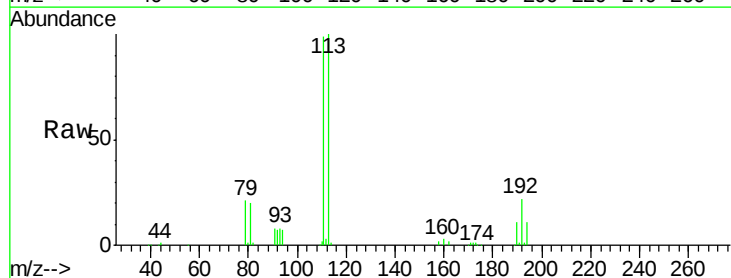
Tgt Ion:113 Resp: 119093

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

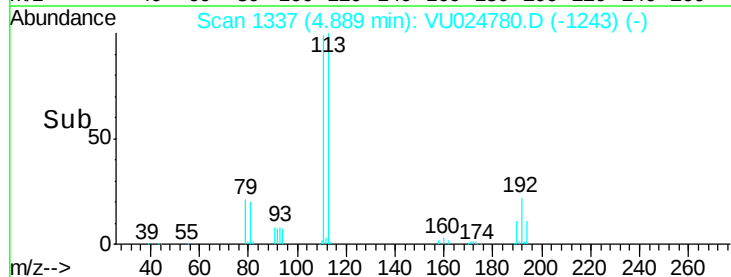
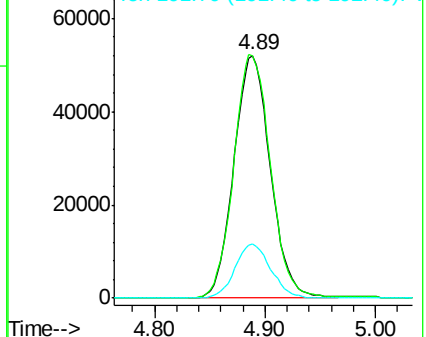
192 21.8 16.2 24.4

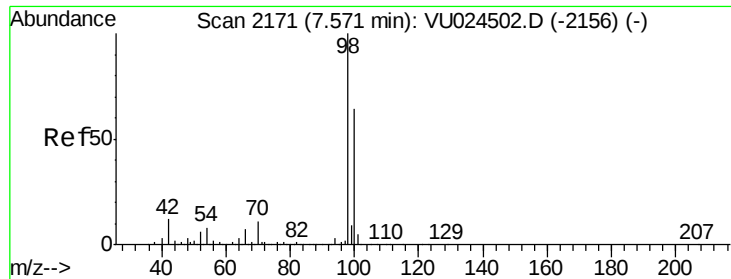


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.19 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024780.D

Acq: 21 Jun 2018 01:13

Instrument :

MSVOA_U

ClientSampleId :

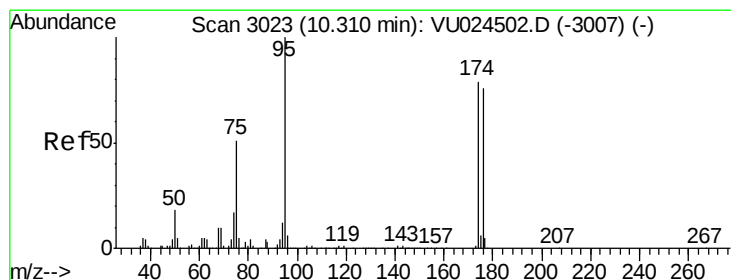
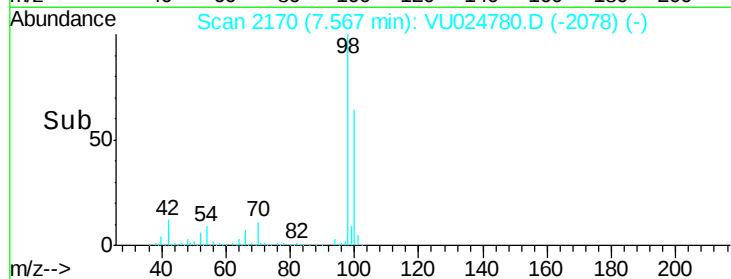
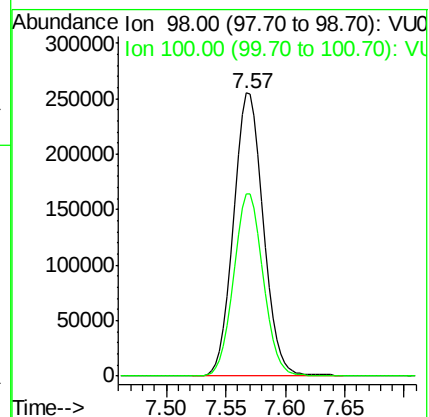
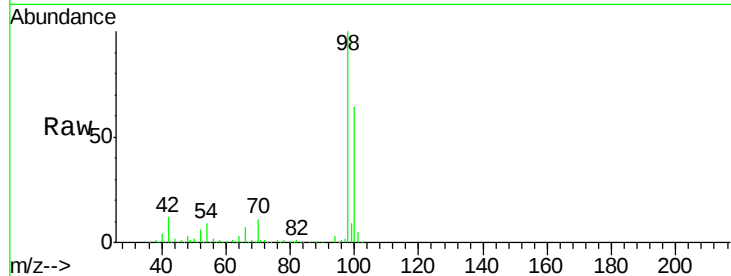
SSP-A-COMPOSITE

Tot Ion: 98 Resp: 444465

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.56 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024780.D

Acq: 21 Jun 2018 01:13

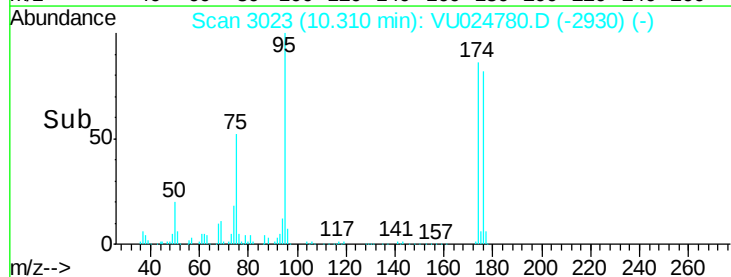
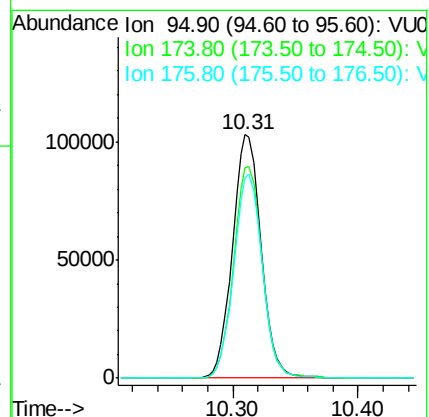
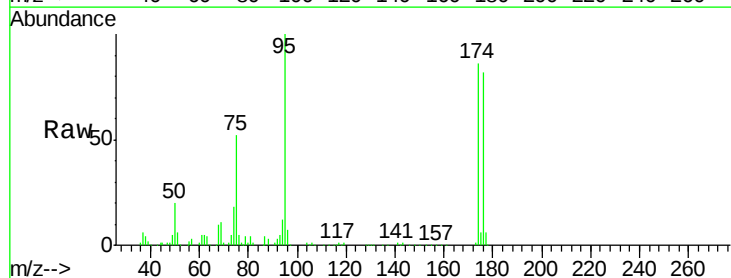
Tgt Ion: 95 Resp: 163166

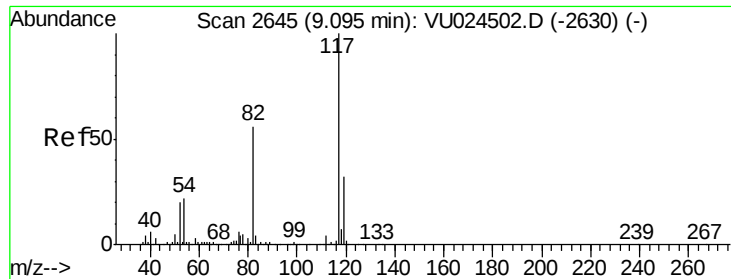
Ion Ratio Lower Upper

95 100

174 86.9 0.0 165.8

176 83.7 0.0 159.4

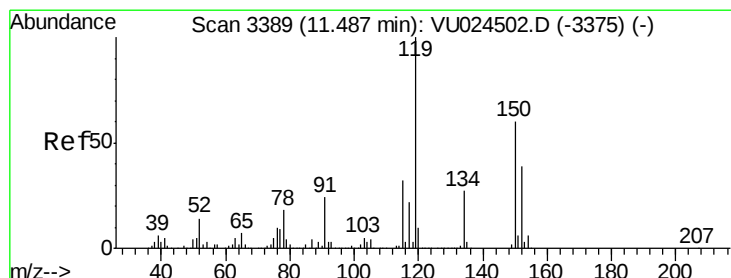
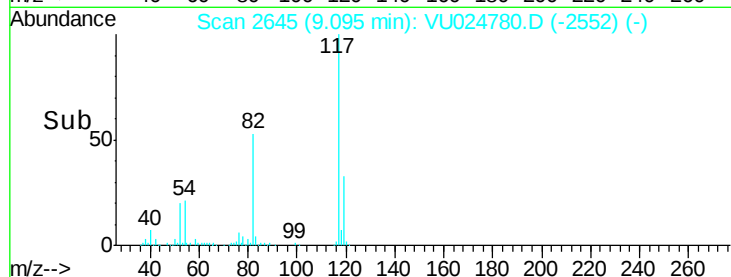
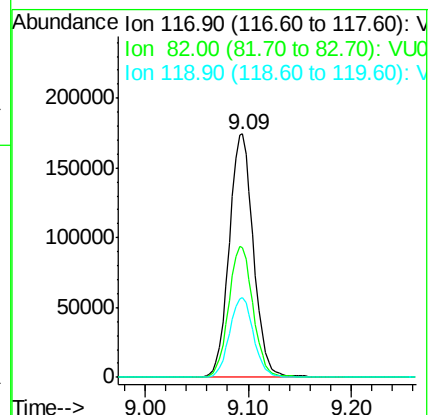
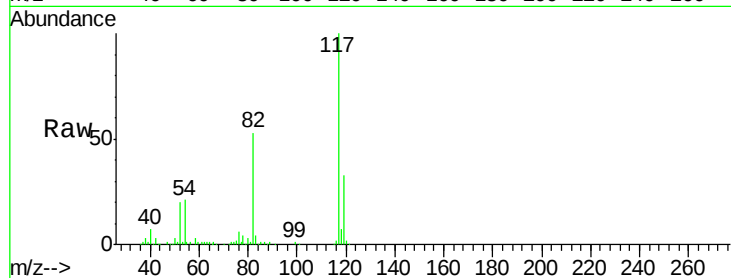




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024780.D
Acq: 21 Jun 2018 01:13

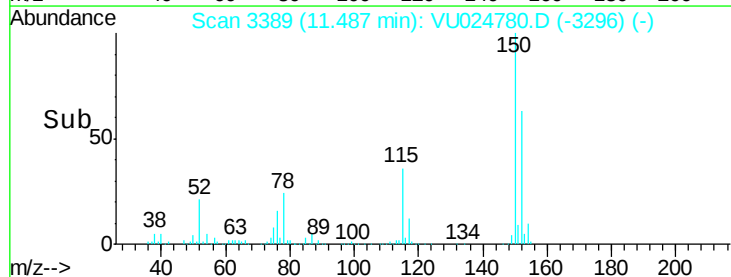
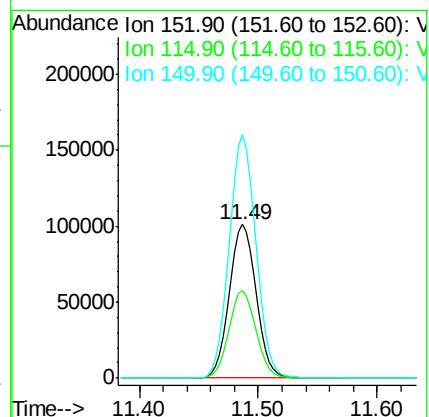
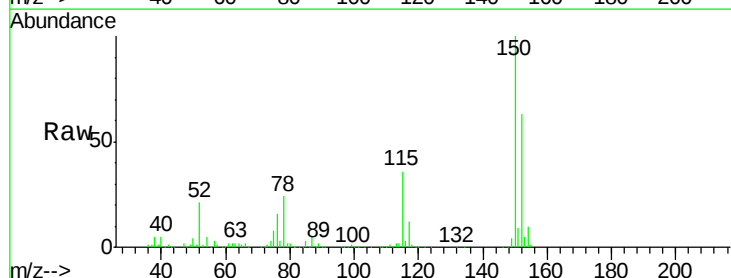
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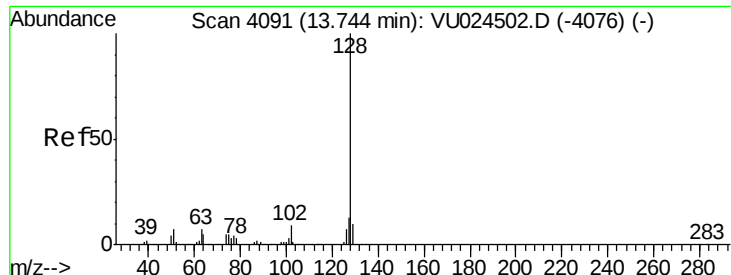
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.3	66.5
119	33.0	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024780.D
Acq: 21 Jun 2018 01:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	43.0	129.0
150	158.1	0.0	354.0





#95

Naphthalene

Concen: 5.78 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU024780.D

Acq: 21 Jun 2018 01:13

Instrument :

MSVOA_U

ClientSampleId :

SSP-A-COMPOSITE

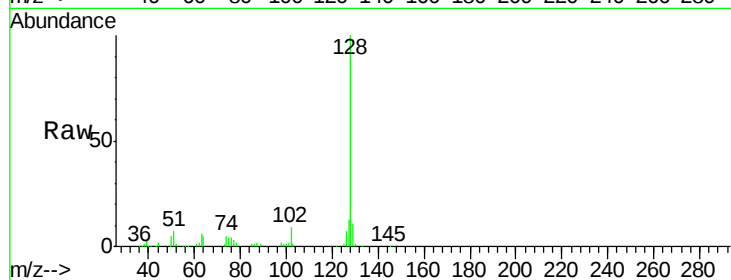
Tot Ion:128 Resp: 60198

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.9 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

