

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025148.D
 Acq On : 02 Jul 2018 17:14
 Operator : MD/SY
 Sample : J3771-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 REACTOR-PAD

Quant Time: Jul 03 05:20:04 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

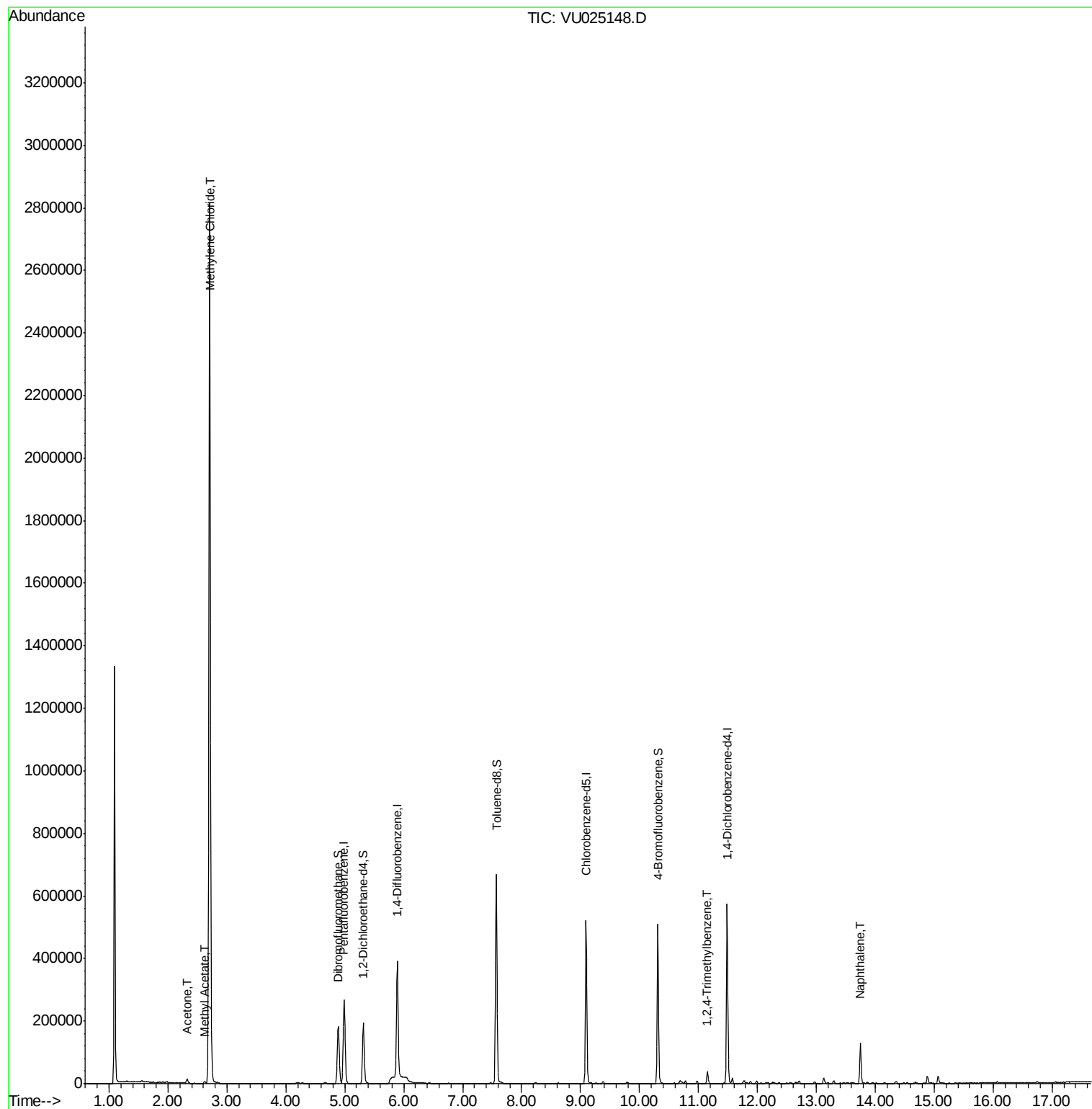
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	205182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312820	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	158593	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
35) Dibromofluoromethane	4.89	113	124133	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
50) Toluene-d8	7.57	98	448341	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	10.31	95	165457	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
Target Compounds						
16) Acetone	2.32	43	15762	8.76	ug/l	89
18) Methyl Acetate	2.62	43	8835	2.29	ug/l	100
20) Methylene Chloride	2.71	84	1255253	444.50	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	21621	2.10	ug/l	98
95) Naphthalene	13.75	128	103694	9.85	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: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

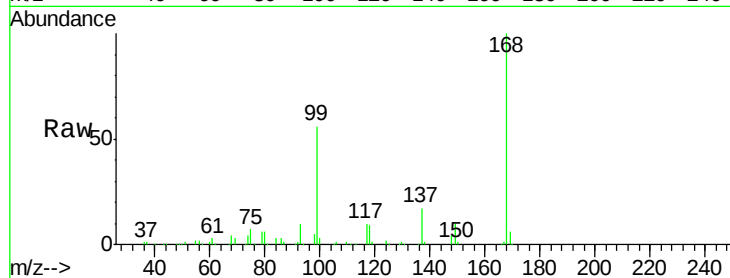
REACTOR-PAD

Tot Ion:168 Resp: 205182

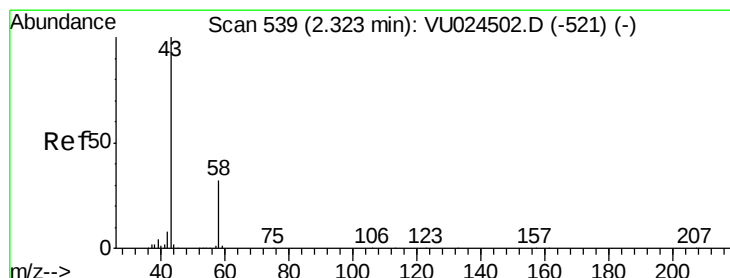
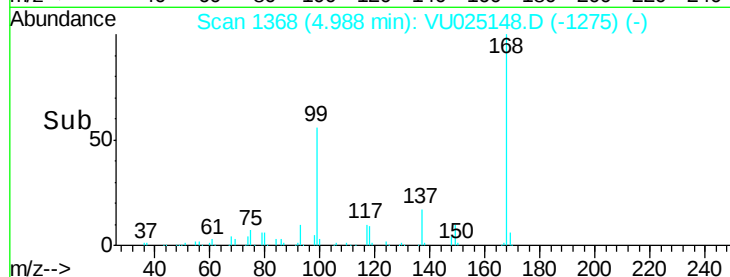
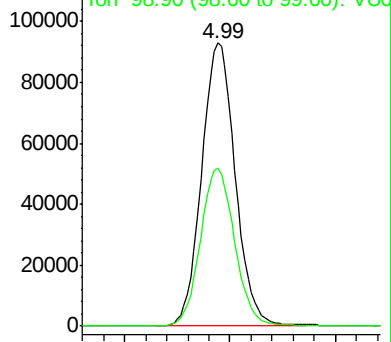
Ion Ratio Lower Upper

168 100

99 55.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025148.D (-1275) (-)



#16

Acetone

Concen: 8.76 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025148.D

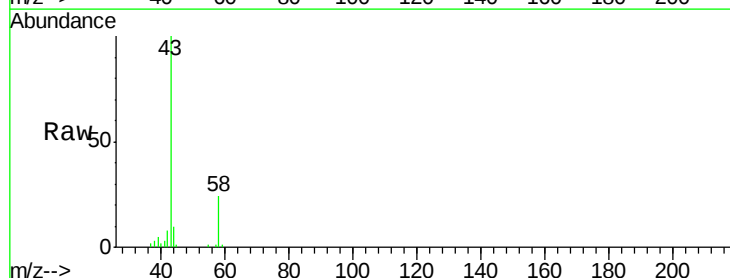
Acq: 02 Jul 2018 17:14

Tgt Ion: 43 Resp: 15762

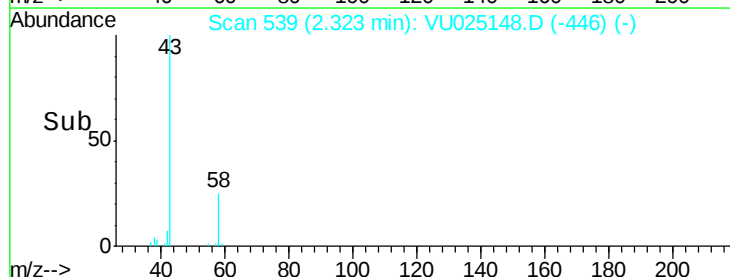
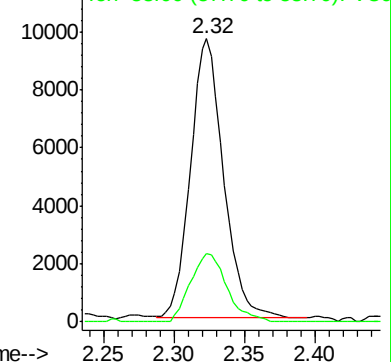
Ion Ratio Lower Upper

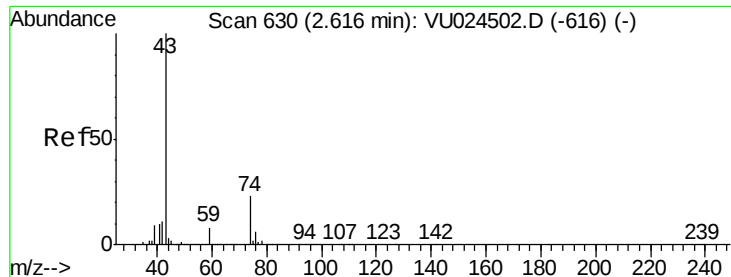
43 100

58 24.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU025148.D (-446) (-)

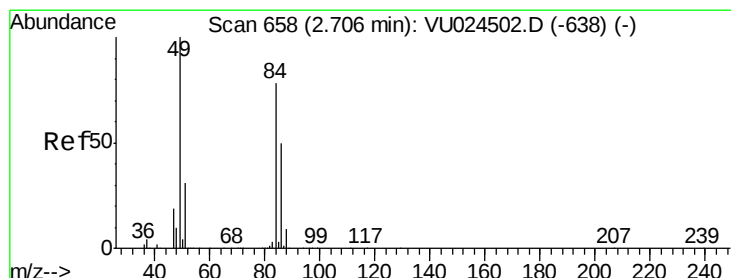
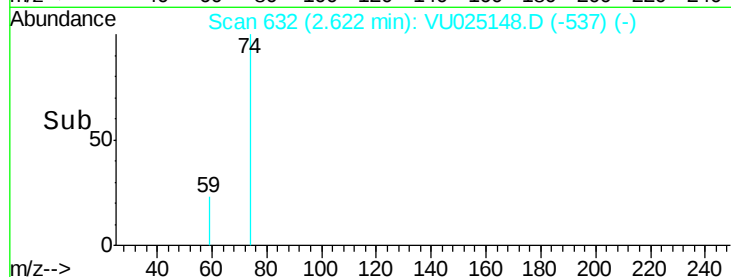
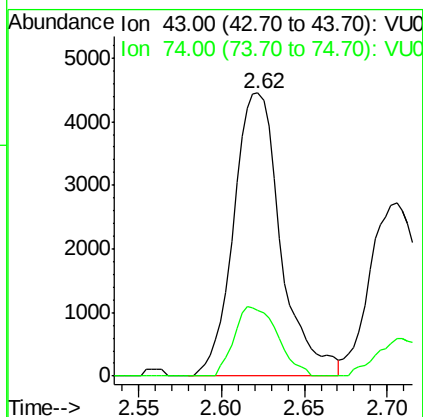
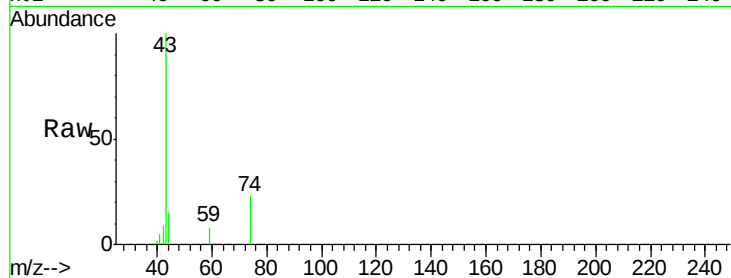




#18
Methyl Acetate
Concen: 2.29 ug/l
RT: 2.62 min Scan# 632
Delta R.T. 0.01 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

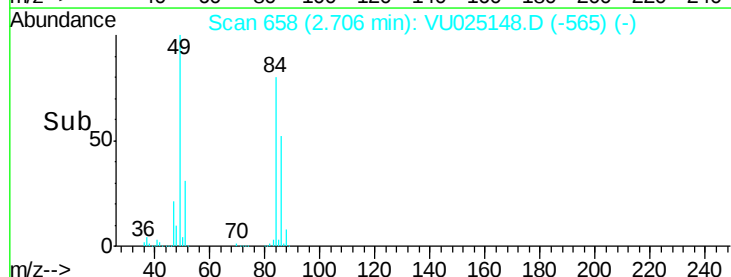
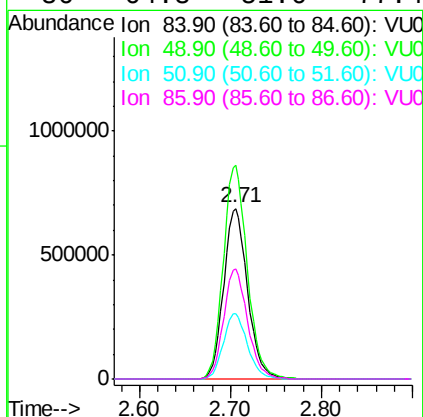
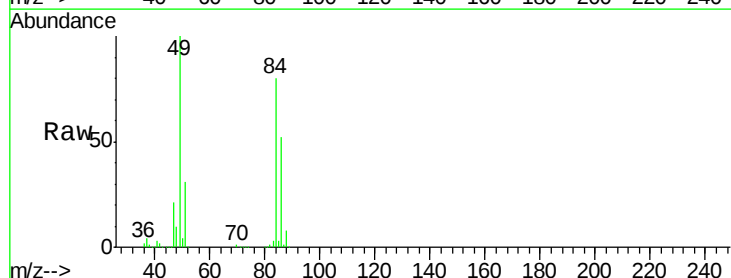
Instrument :
MSVOA_U
ClientSampleId :
REACTOR-PAD

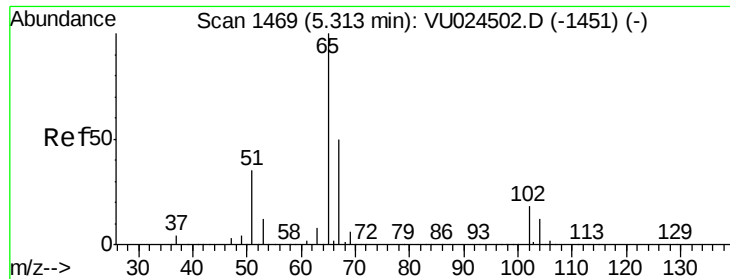
Tot Ion: 43 Resp: 8835
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 444.50 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025148.D
Acq: 02 Jul 2018 17:14

Tgt Ion: 84 Resp: 1255253
Ion Ratio Lower Upper
84 100
49 125.1 103.8 155.8
51 38.6 32.0 48.0
86 64.8 51.6 77.4

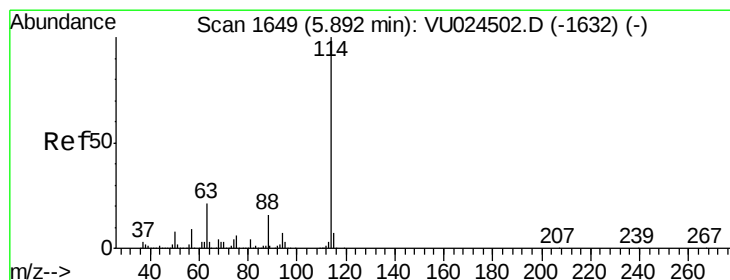
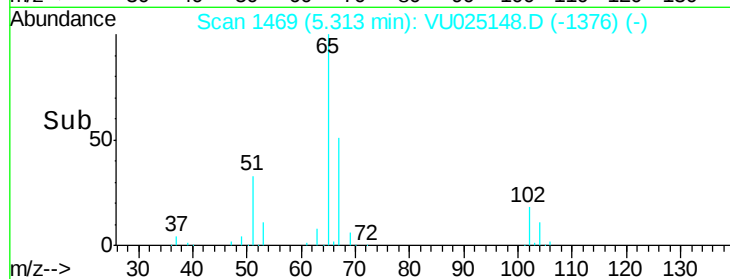
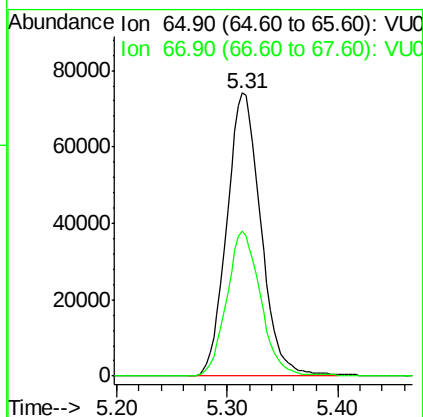
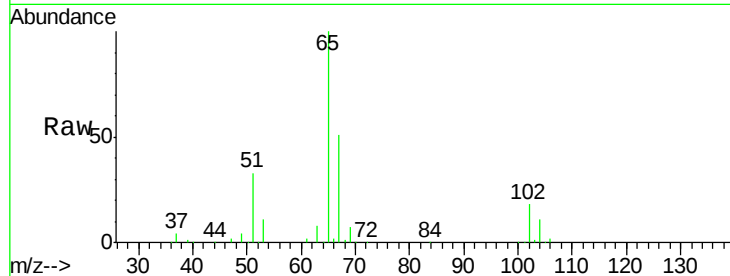




#33
 1,2-Dichloroethane-d4
 Concen: 47.35 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

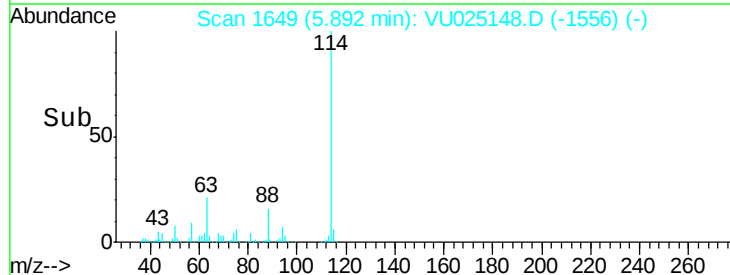
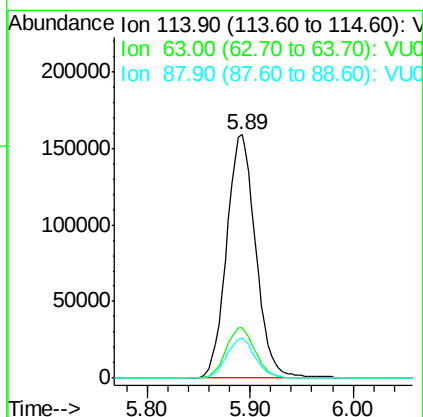
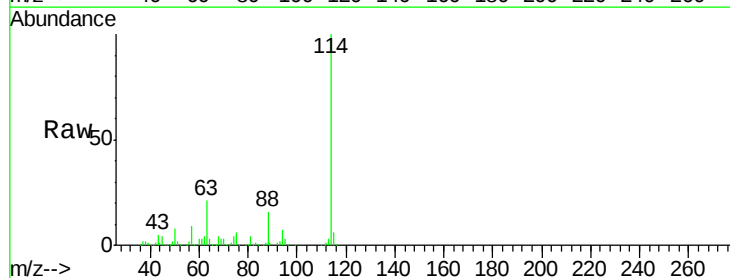
Instrument :
 MSVOA_U
 ClientSampleId :
 REACTOR-PAD

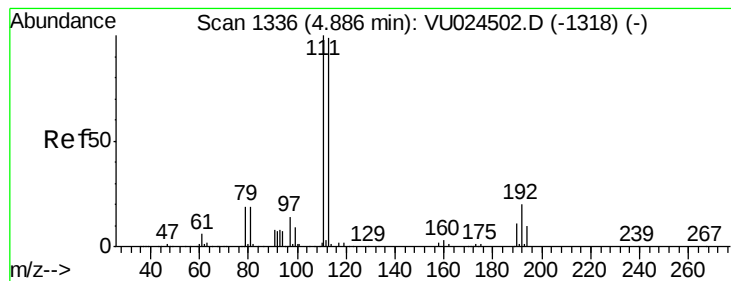
Tot Ion: 65 Resp: 158593
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025148.D
 Acq: 02 Jul 2018 17:14

Tgt Ion: 114 Resp: 312820
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 45.4
 88 16.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.81 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

REACTOR-PAD

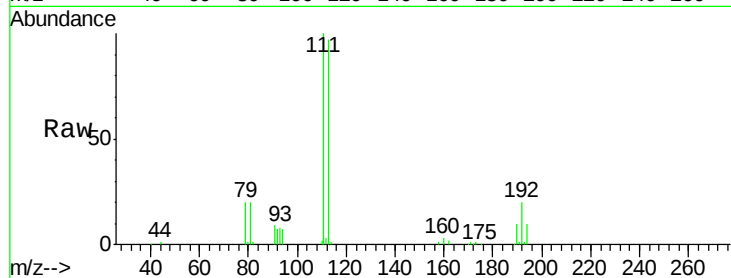
Tot Ion:113 Resp: 124133

Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

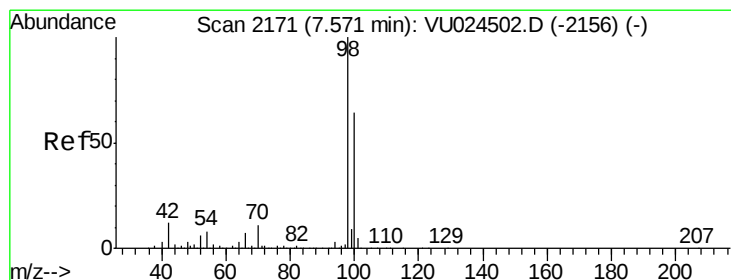
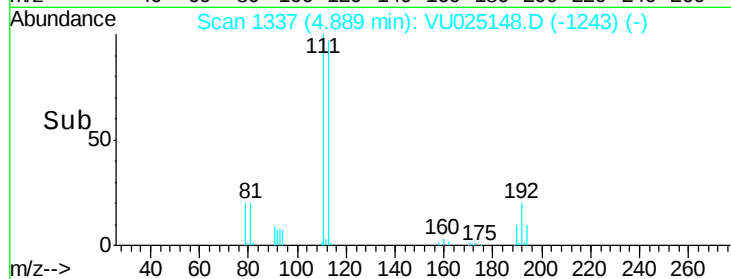
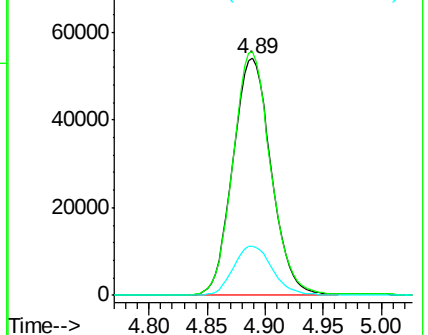
192 21.2 16.2 24.4



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: 47.34 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025148.D

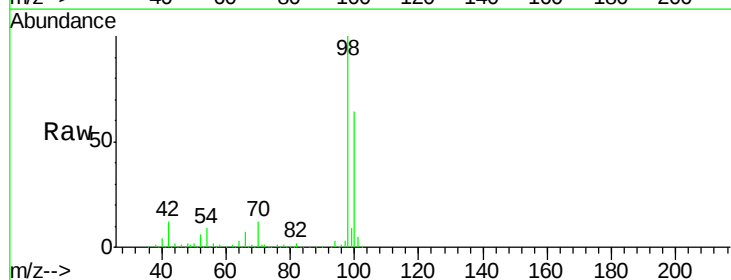
Acq: 02 Jul 2018 17:14

Tgt Ion: 98 Resp: 448341

Ion Ratio Lower Upper

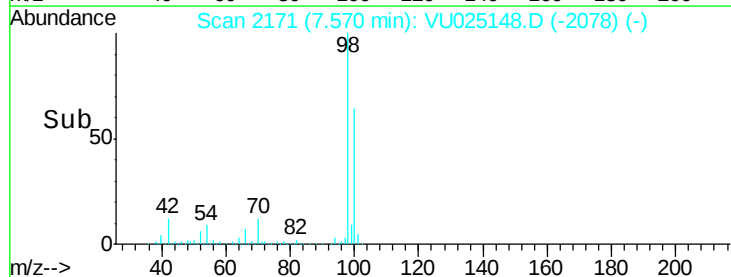
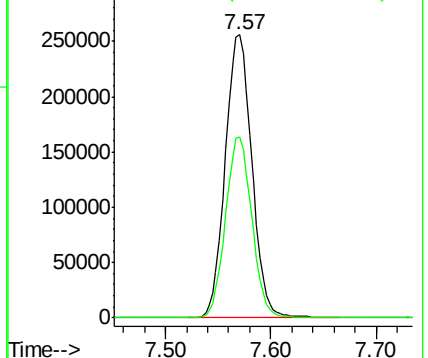
98 100

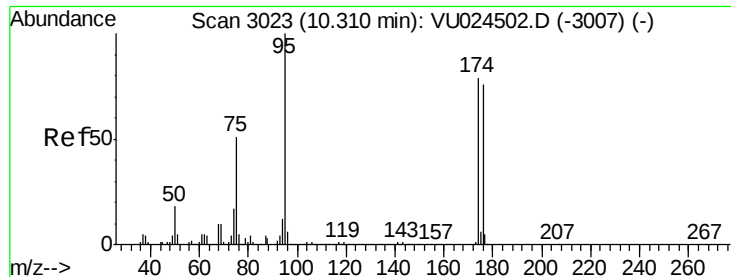
100 63.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 44.01 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

REACTOR-PAD

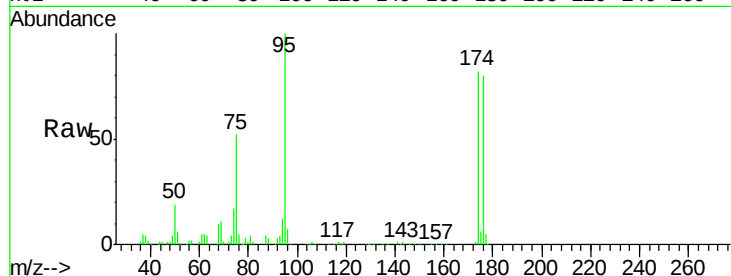
Tot Ion: 95 Resp: 165457

Ion Ratio Lower Upper

95 100

174 85.2 0.0 165.8

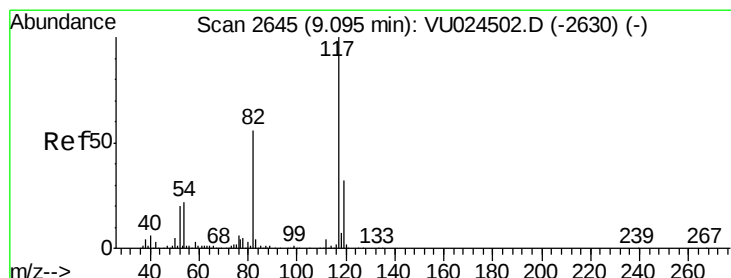
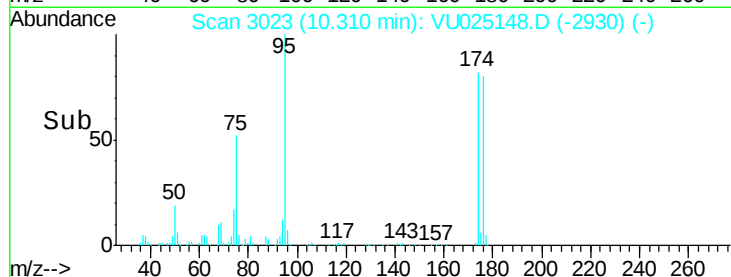
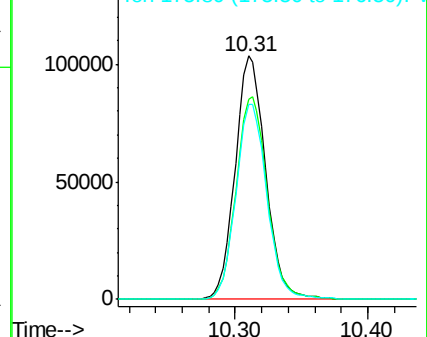
176 81.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU025148.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025148.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025148.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

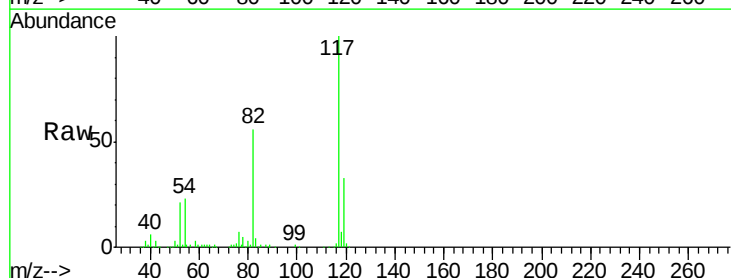
Tgt Ion: 117 Resp: 284946

Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

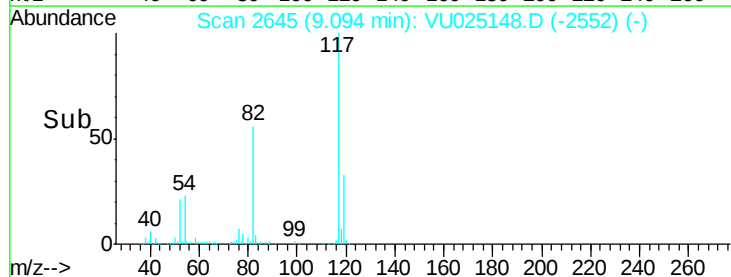
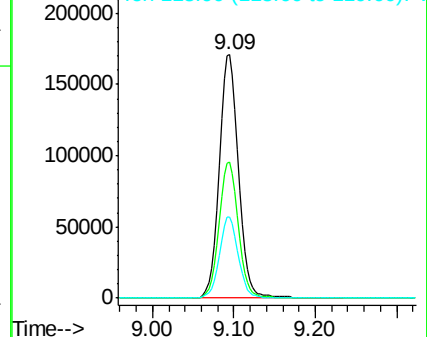
119 33.4 25.4 38.2

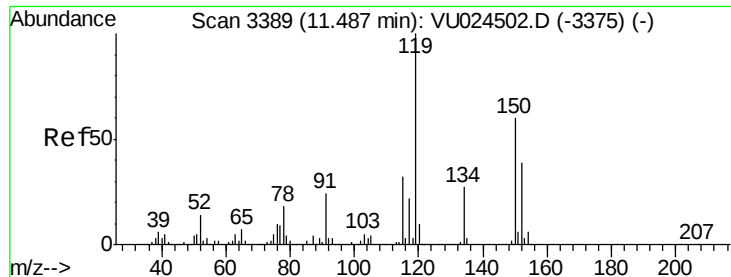


Abundance Ion 116.90 (116.60 to 117.60): VU025148.D (-2552) (-)

Ion 82.00 (81.70 to 82.70): VU025148.D (-2552) (-)

Ion 118.90 (118.60 to 119.60): VU025148.D (-2552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

REACTOR-PAD

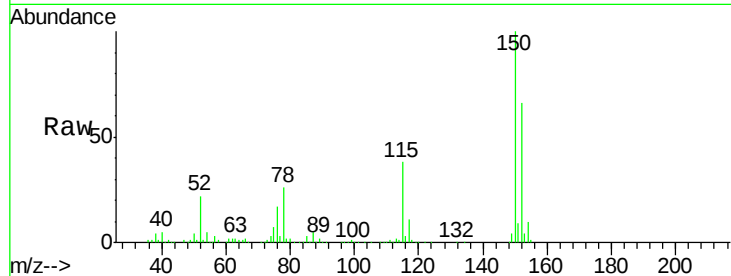
Tot Ion:152 Resp: 151670

Ion Ratio Lower Upper

152 100

115 58.1 43.0 129.0

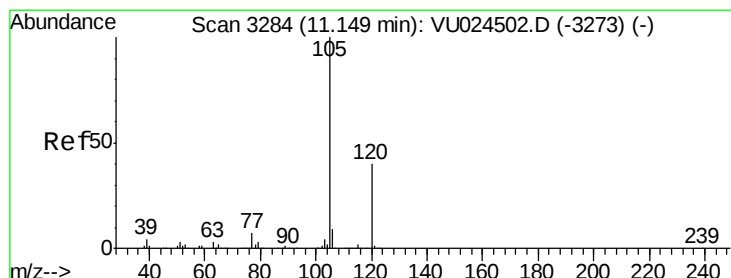
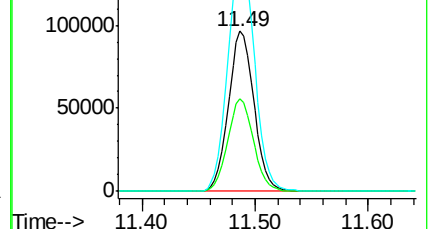
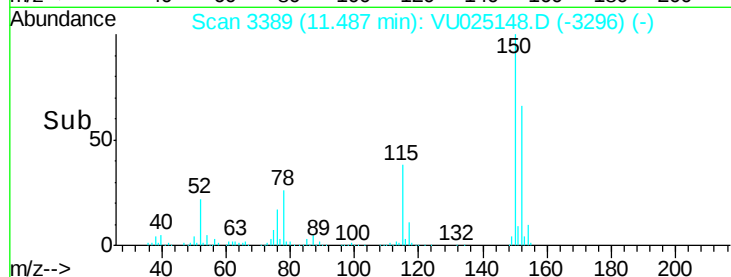
150 155.3 0.0 354.0



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



#84

1,2,4-Trimethylbenzene

Concen: 2.10 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025148.D

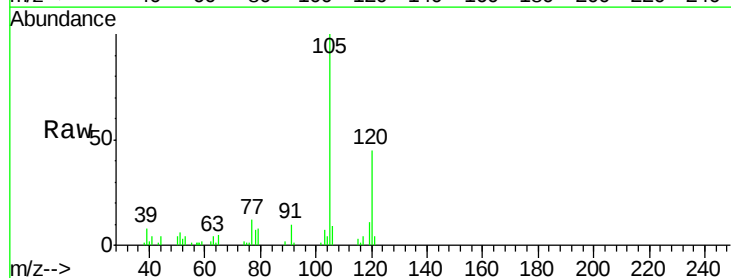
Acq: 02 Jul 2018 17:14

Tgt Ion:105 Resp: 21621

Ion Ratio Lower Upper

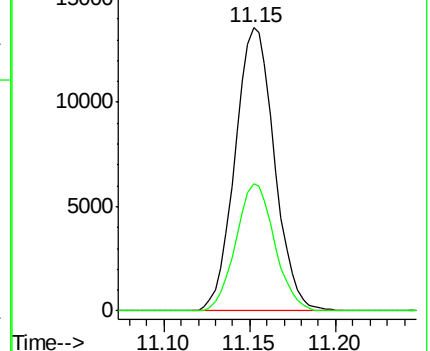
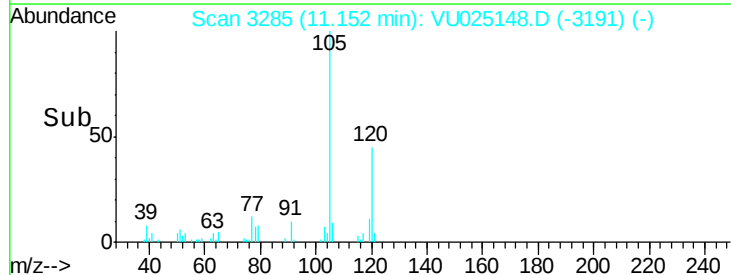
105 100

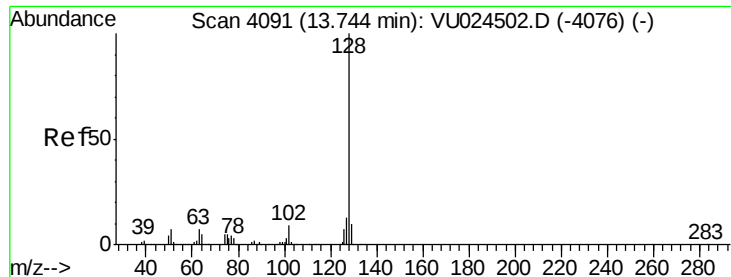
120 44.1 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 9.85 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025148.D

Acq: 02 Jul 2018 17:14

Instrument :

MSVOA_U

ClientSampleId :

REACTOR-PAD

Tot Ion:128 Resp: 103694

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.3 8.6 12.8

