

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120318\
 Data File : VU028440.D
 Acq On : 03 Dec 2018 14:46
 Operator : MD/SY
 Sample : PB115231ZHE#17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#17

Quant Time: Dec 04 07:26:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

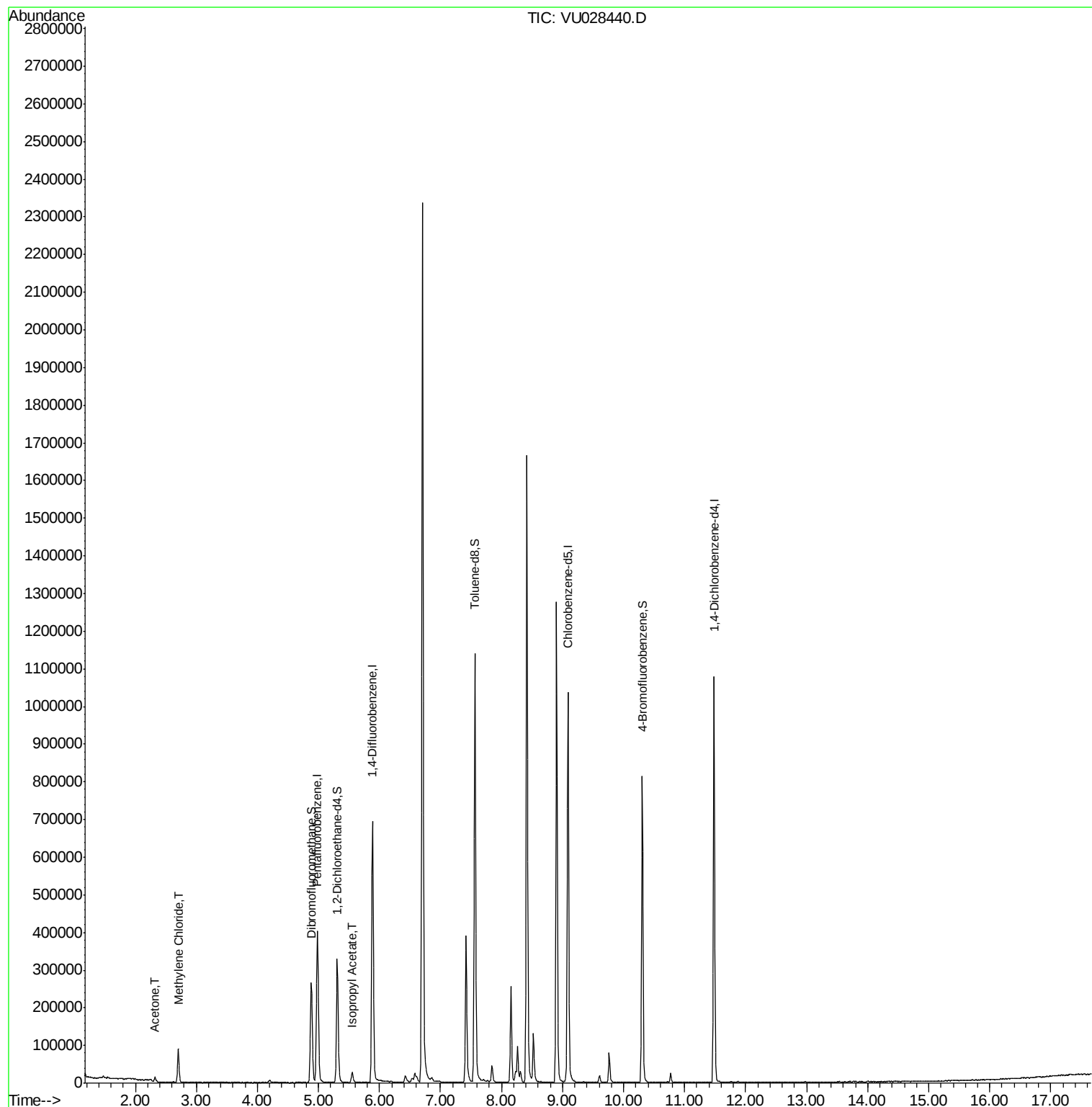
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	297445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	560597	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	536589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	259190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	248209	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	4.88	113	184788	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
50) Toluene-d8	7.57	98	734615	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	10.31	95	274224	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
Target Compounds						
16) Acetone	2.32	43	14103	4.638	ug/l	98
20) Methylene Chloride	2.70	84	36686	8.492	ug/l	95
43) Isopropyl Acetate	5.55	43	34156	2.578	ug/l	99

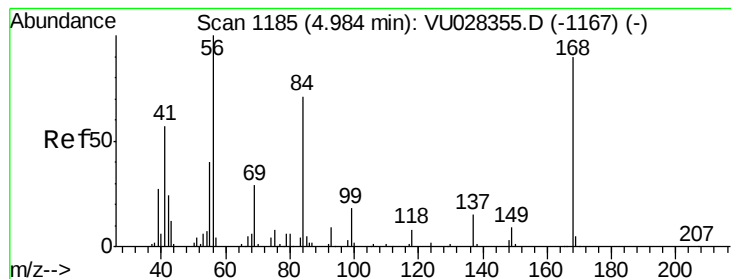
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028440.D

Acq: 03 Dec 2018 14:46

Instrument :

MSVOA_U

ClientSampleId :

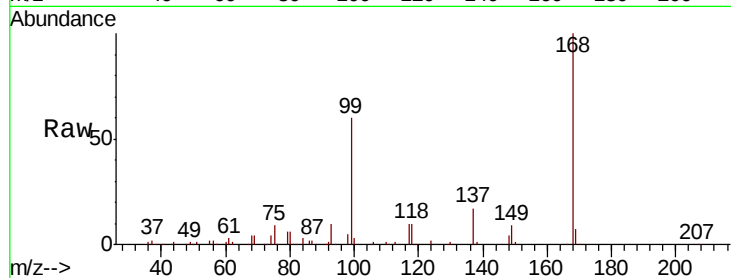
PB115231ZHE#17

Tot Ion:168 Resp: 297445

Ion Ratio Lower Upper

168 100

99 59.8 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028440.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028440.D (-1092) (-)

4.98

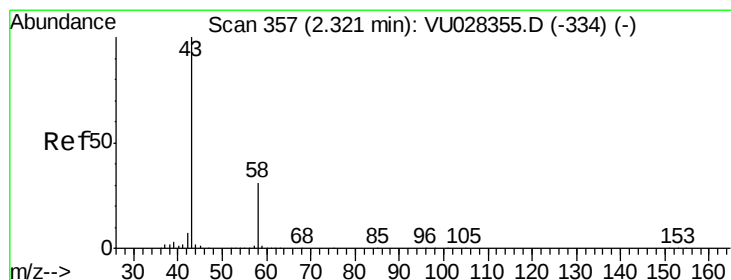
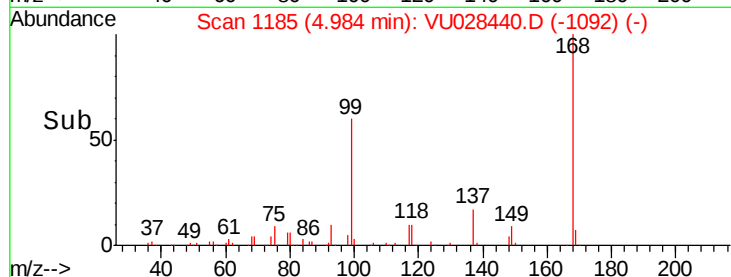
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.638 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028440.D

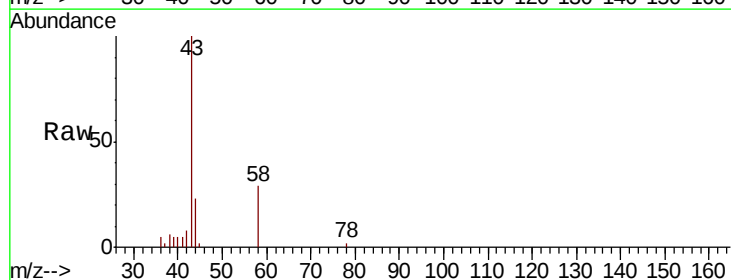
Acq: 03 Dec 2018 14:46

Tgt Ion: 43 Resp: 14103

Ion Ratio Lower Upper

43 100

58 29.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028440.D (-264) (-)

Ion 58.00 (57.70 to 58.70): VU028440.D (-264) (-)

2.32

10000

8000

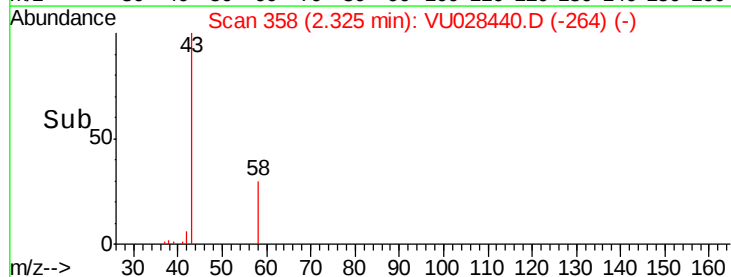
6000

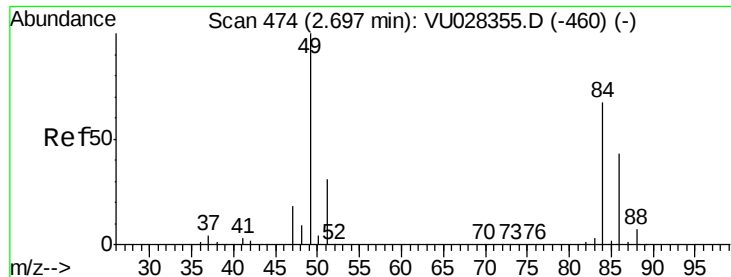
4000

2000

0

Time-->

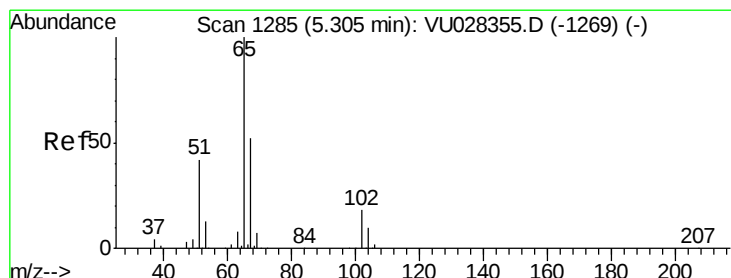
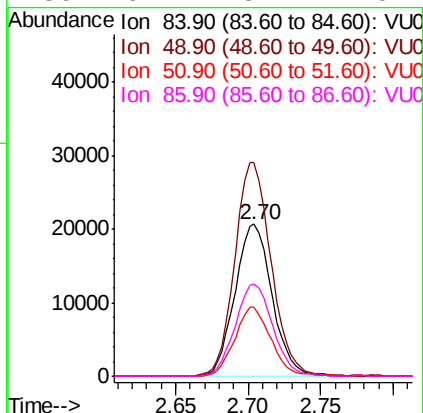
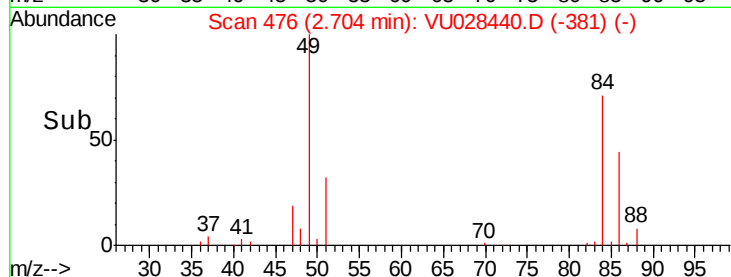
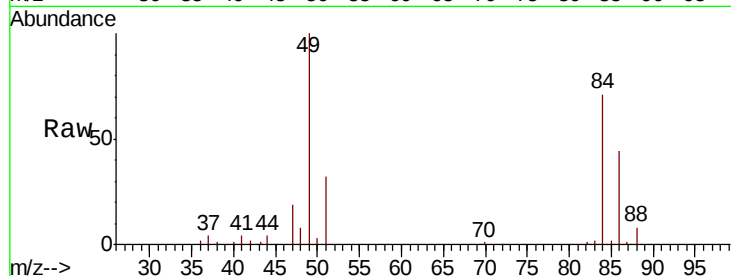




#20
Methvlene Chloride
Concen: 8.492 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU028440.D
Acq: 03 Dec 2018 14:46

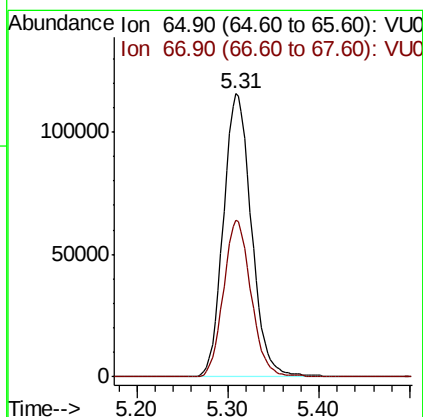
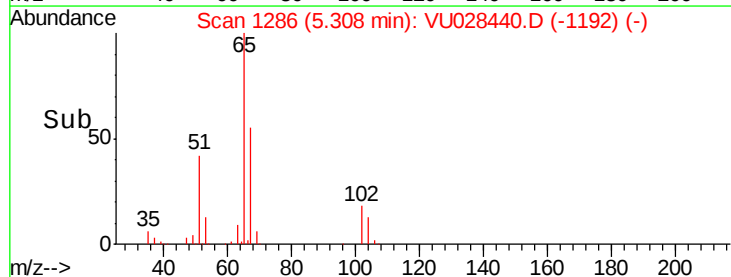
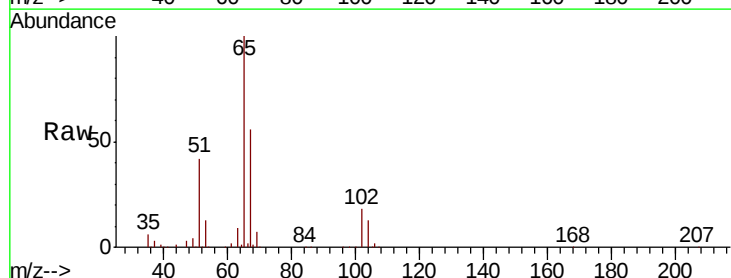
Instrument :
MSVOA_U
ClientSampleId :
PB115231ZHE#17

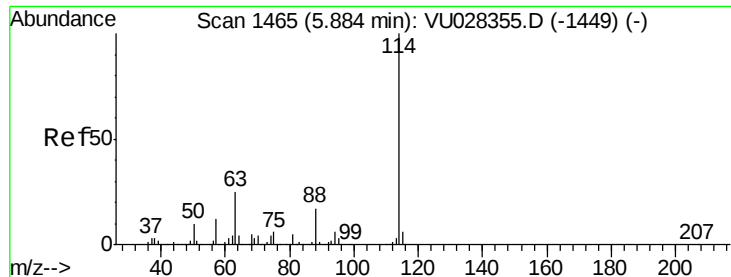
Tot Ion: 84 Resp: 36686
Ion Ratio Lower Upper
84 100
49 140.4 120.0 180.0
51 45.3 36.9 55.3
86 61.1 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.931 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028440.D
Acq: 03 Dec 2018 14:46

Tgt Ion: 65 Resp: 248209
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.8

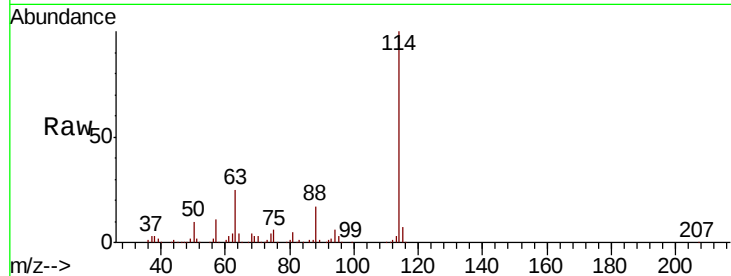




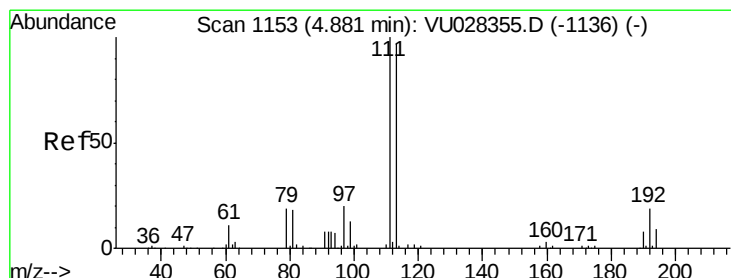
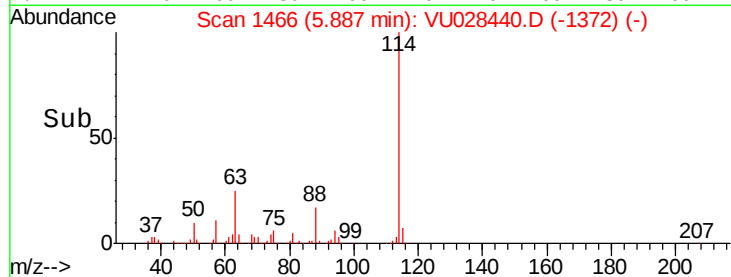
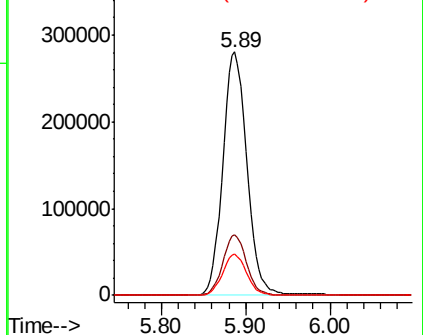
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028440.D
 Acq: 03 Dec 2018 14:46

Instrument :
 MSVOA_U
 ClientSampleId :
 PB115231ZHE#17

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	50.0
88	16.9	0.0	34.4

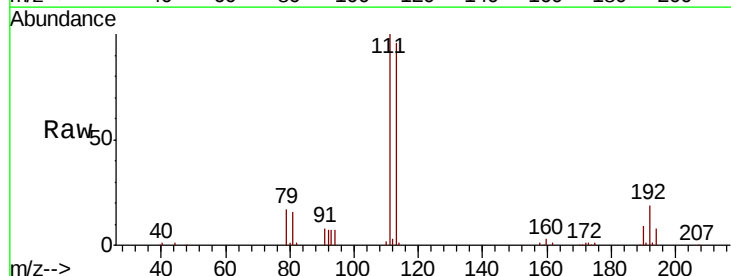


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

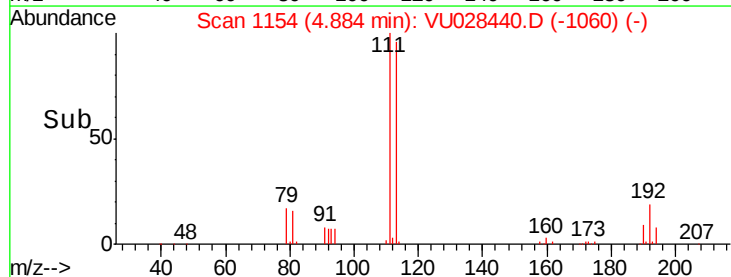
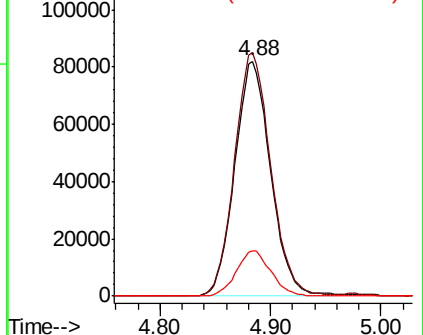


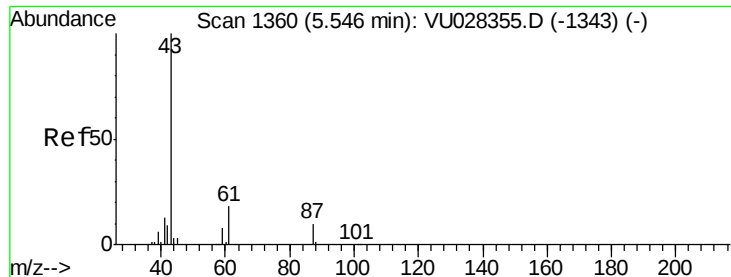
#35
 Dibromofluoromethane
 Concen: 49.571 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028440.D
 Acq: 03 Dec 2018 14:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.9	124.3
192	18.7	15.4	23.0



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





#43

Isopropyl Acetate

Concen: 2.578 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU028440.D

Acq: 03 Dec 2018 14:46

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#17

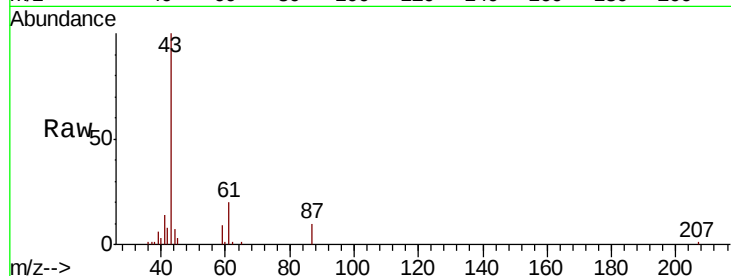
Tot Ion: 43 Resp: 34156

Ion Ratio Lower Upper

43 100

61 17.8 14.5 21.7

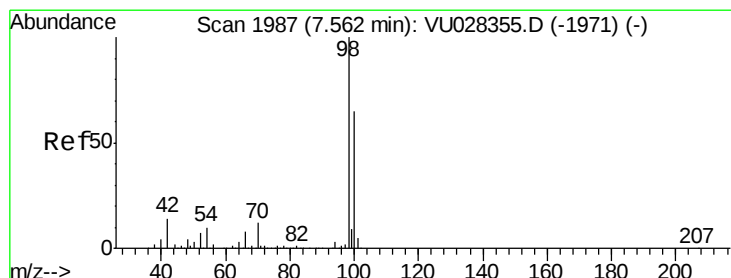
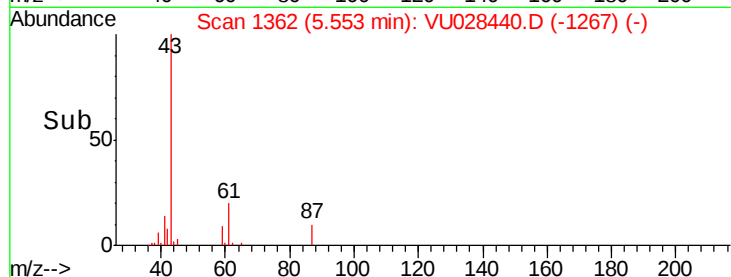
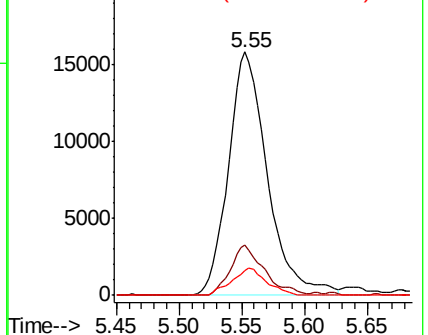
87 9.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU028355.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU028355.D (-1343) (-)



#50

Toluene-d8

Concen: 49.275 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028440.D

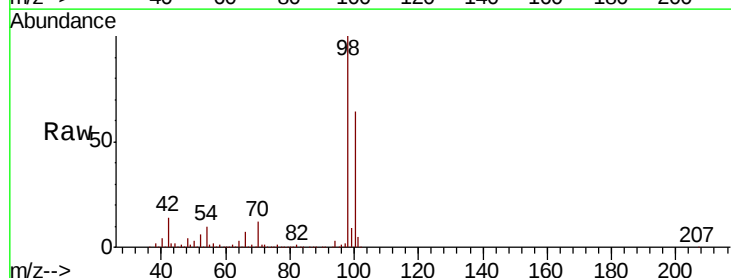
Acq: 03 Dec 2018 14:46

Tgt Ion: 98 Resp: 734615

Ion Ratio Lower Upper

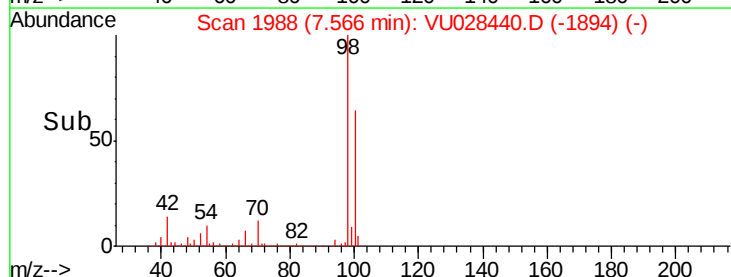
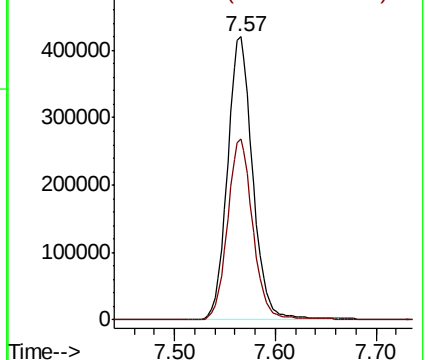
98 100

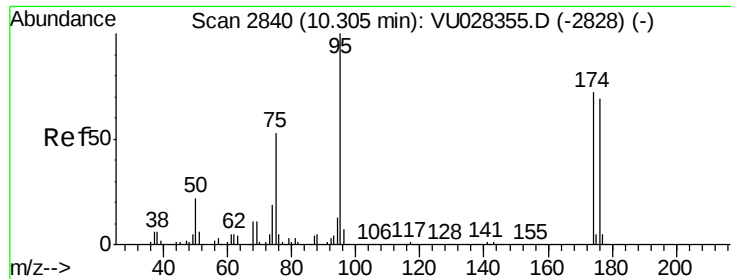
100 64.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU028355.D (-1971) (-)

Ion 100.00 (99.70 to 100.70): VU028355.D (-1971) (-)





#62

4-Bromofluorobenzene

Concen: 51.034 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028440.D

Acq: 03 Dec 2018 14:46

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#17

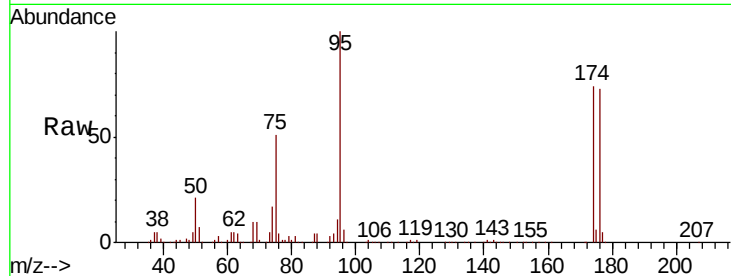
Tot Ion: 95 Resp: 274224

Ion Ratio Lower Upper

95 100

174 75.1 0.0 145.4

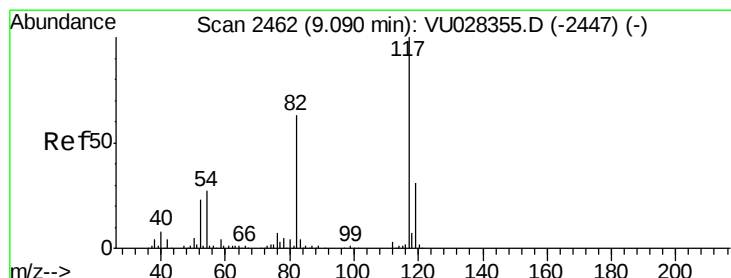
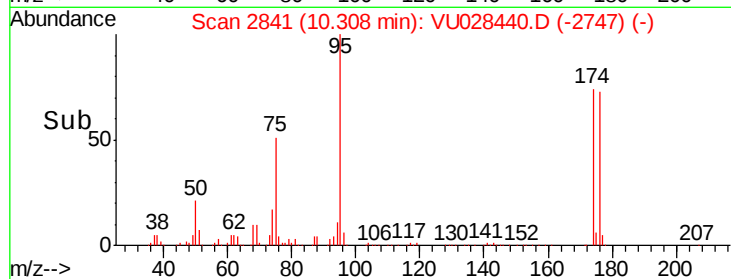
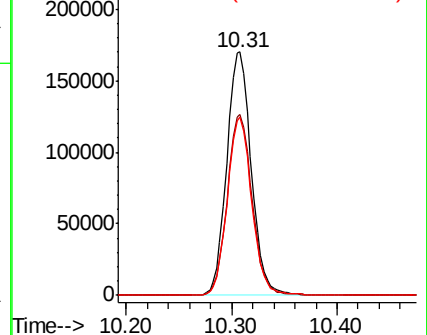
176 73.0 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028440.D

Acq: 03 Dec 2018 14:46

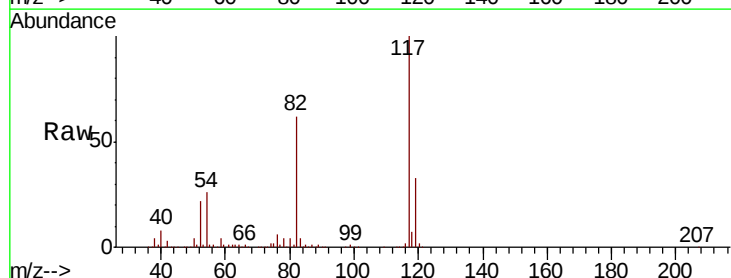
Tgt Ion: 117 Resp: 536589

Ion Ratio Lower Upper

117 100

82 62.0 50.3 75.5

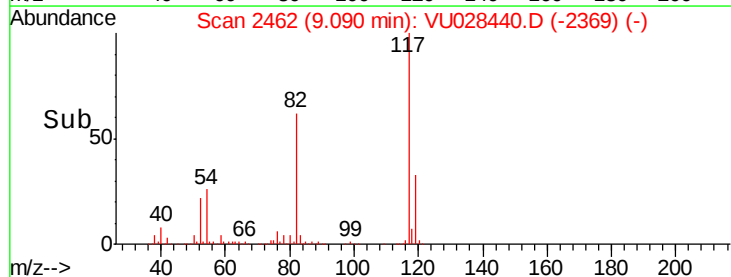
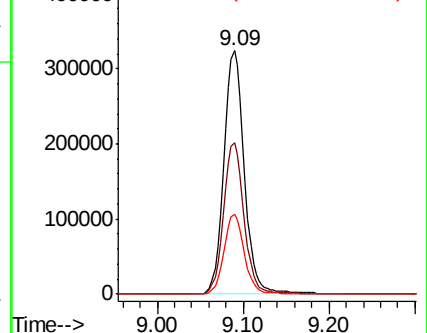
119 32.7 24.8 37.2

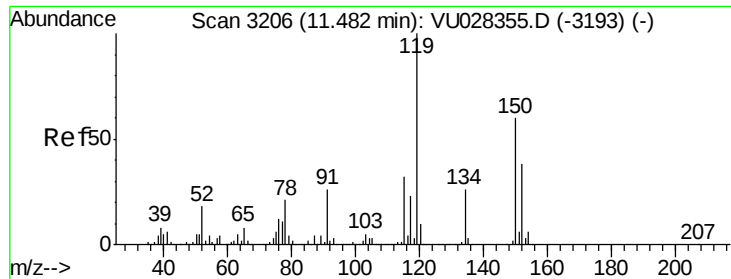


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028440.D

Acq: 03 Dec 2018 14:46

Instrument :

MSVOA_U

ClientSampleId :

PB115231ZHE#17

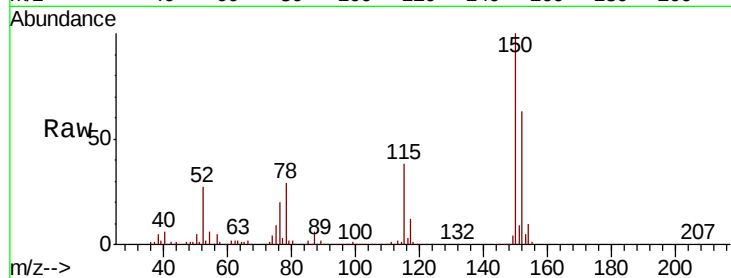
Tot Ion:152 Resp: 259190

Ion Ratio Lower Upper

152 100

115 60.1 45.0 134.8

150 159.1 0.0 349.2



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

