

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028019.D
 Acq On : 08 Nov 2018 12:32
 Operator : MD/SY
 Sample : PB114610ZHE#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#03

Quant Time: Nov 08 13:16:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

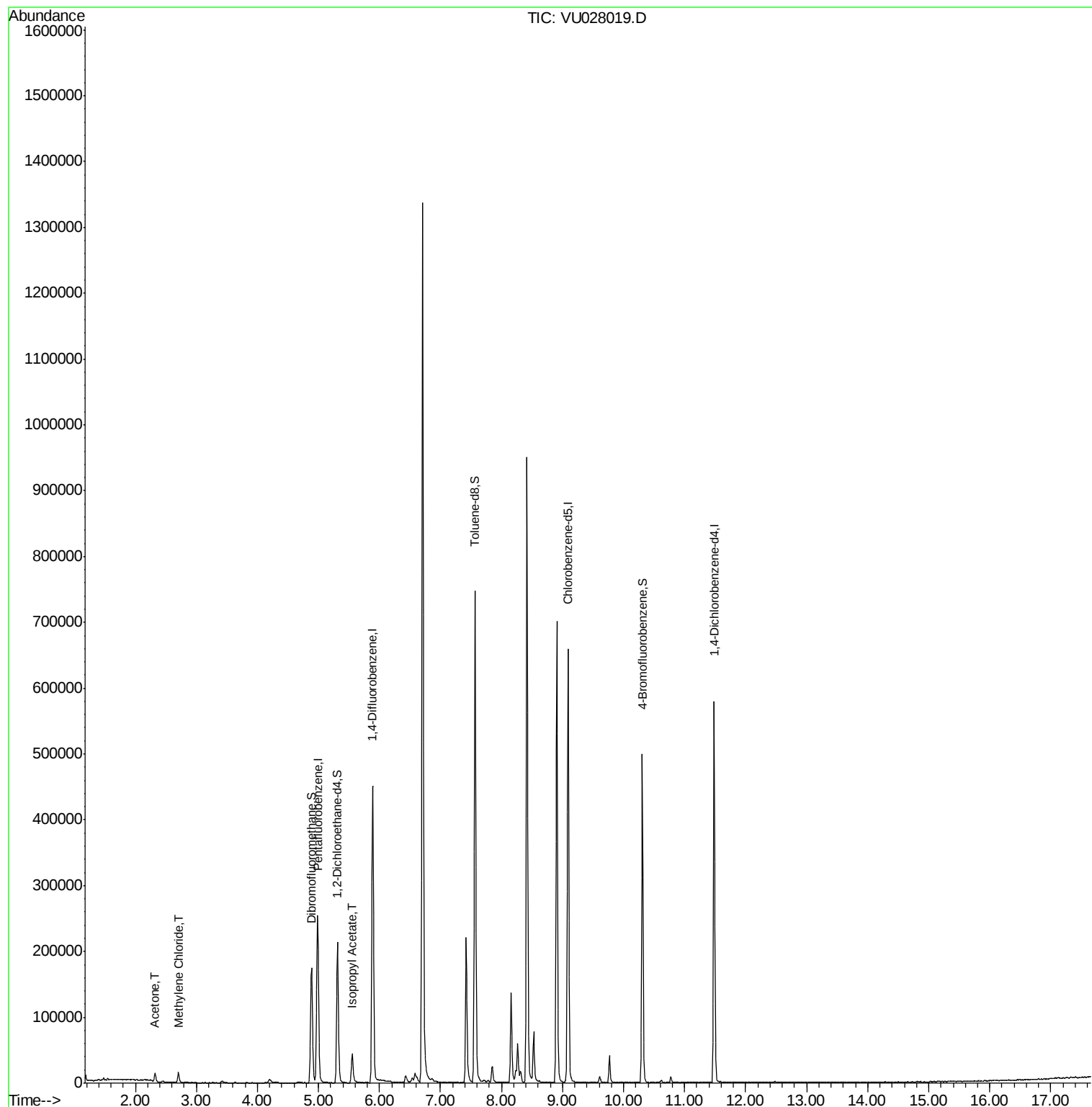
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	190768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	372775	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	341649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	142998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	163944	57.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.60%	
35) Dibromofluoromethane	4.89	113	120969	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
50) Toluene-d8	7.57	98	487028	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	10.31	95	165571	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
Target Compounds						
16) Acetone	2.32	43	14474	8.225	ug/l	95
20) Methylene Chloride	2.71	84	6135	2.388	ug/l	92
43) Isopropyl Acetate	5.55	43	54985	6.135	ug/l	100

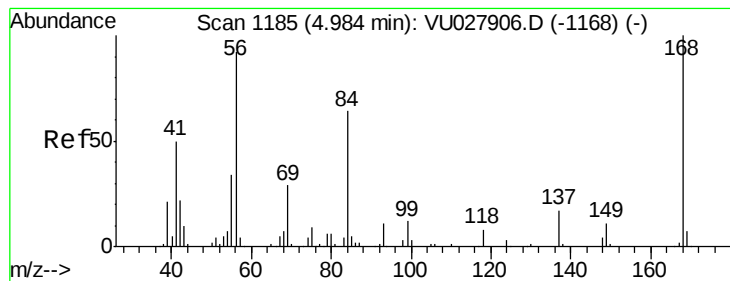
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028019.D

Acq: 08 Nov 2018 12:32

Instrument :

MSVOA_U

ClientSampleId :

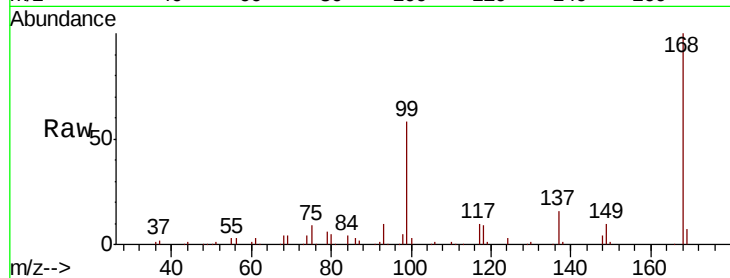
PB114610ZHE#03

Tot Ion:168 Resp: 190768

Ion Ratio Lower Upper

168 100

99 58.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028019.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028019.D (-1092) (-)

4.99

80000

60000

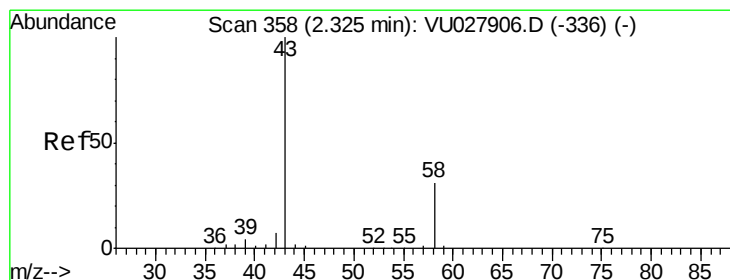
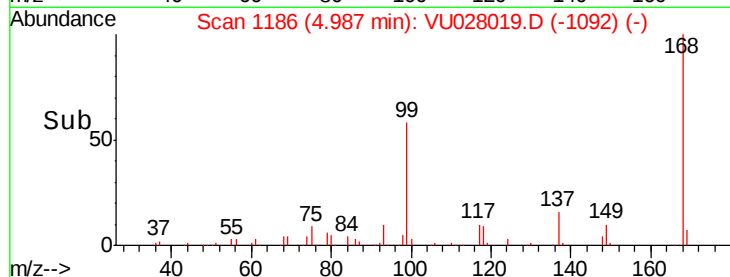
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 8.225 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028019.D

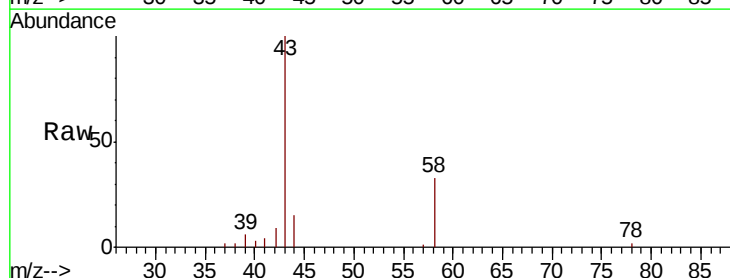
Acq: 08 Nov 2018 12:32

Tgt Ion: 43 Resp: 14474

Ion Ratio Lower Upper

43 100

58 33.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028019.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028019.D (-265) (-)

2.32

10000

8000

6000

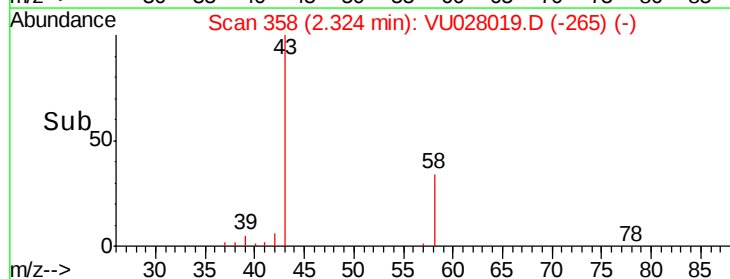
4000

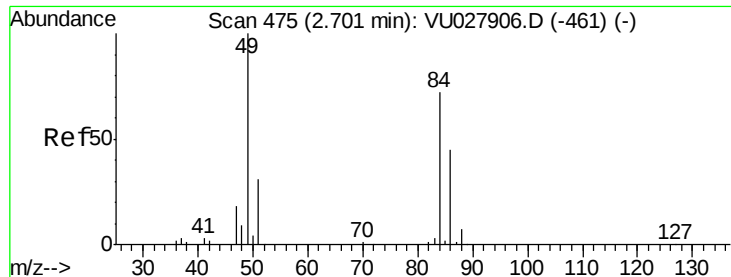
2000

0

Time-->

2.25 2.30 2.35 2.40

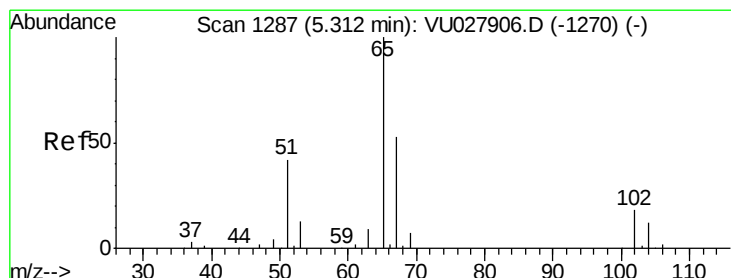
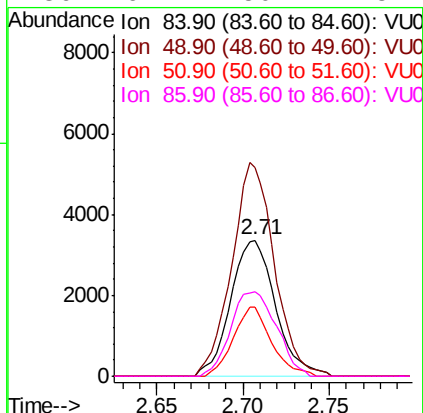
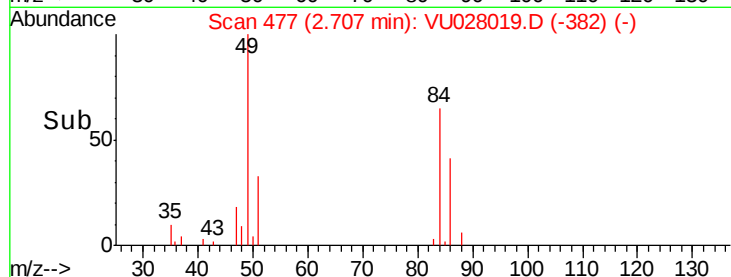
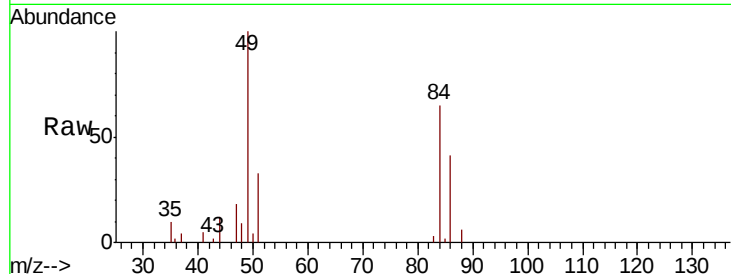




#20
Methvlene Chloride
Concen: 2.388 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU028019.D
Acq: 08 Nov 2018 12:32

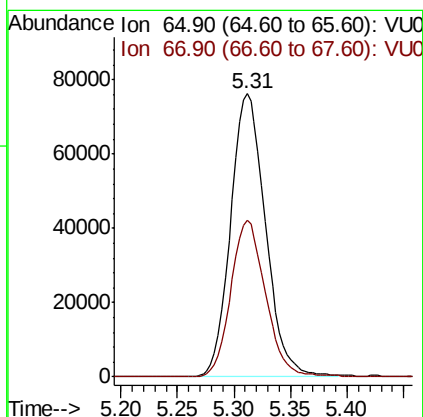
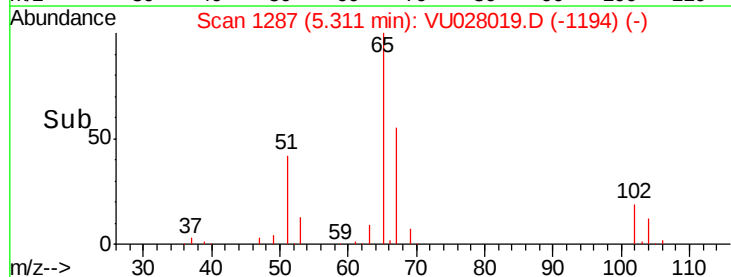
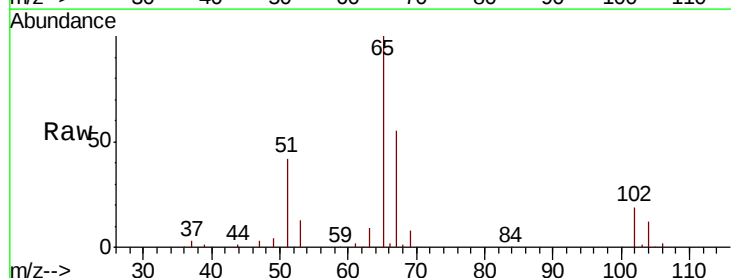
Instrument :
MSVOA_U
ClientSampleId :
PB114610ZHE#03

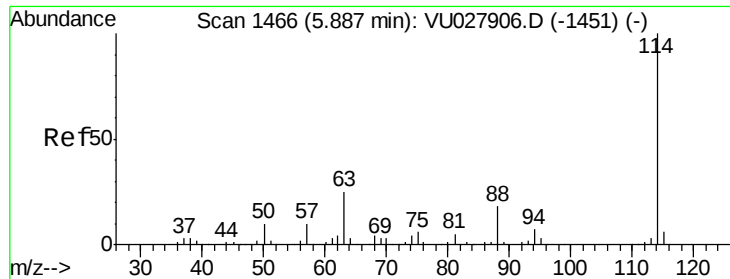
Tot Ion: 84 Resp: 6135
Ion Ratio Lower Upper
84 100
49 153.3 111.6 167.4
51 50.7 34.8 52.2
86 62.4 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: 57.803 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU028019.D
Acq: 08 Nov 2018 12:32

Tgt Ion: 65 Resp: 163944
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0

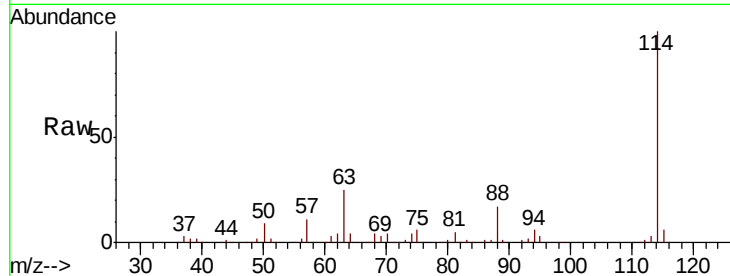




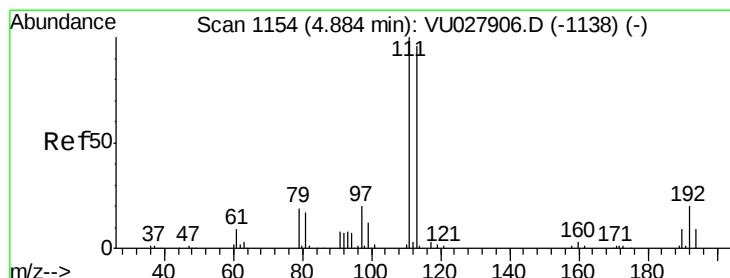
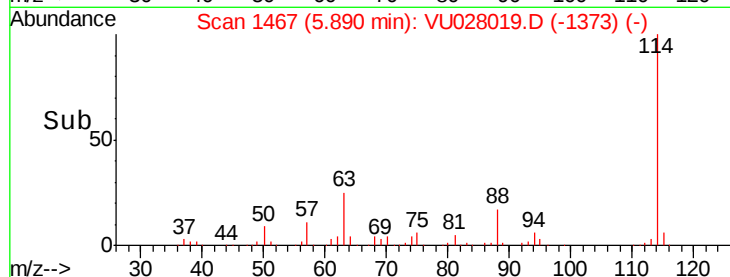
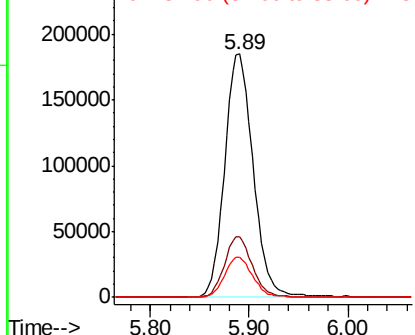
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU028019.D
 Acq: 08 Nov 2018 12:32

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114610ZHE#03

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	50.8
88	16.5	0.0	35.8

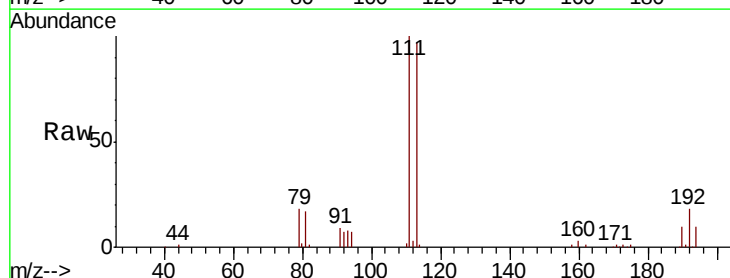


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

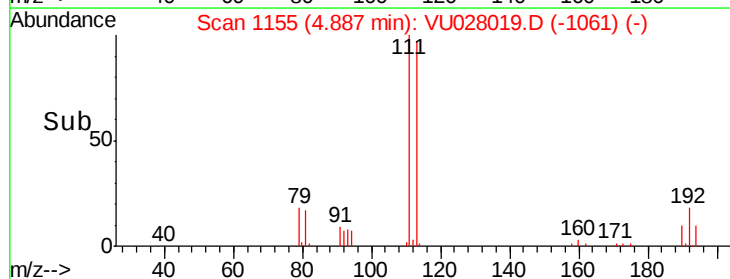
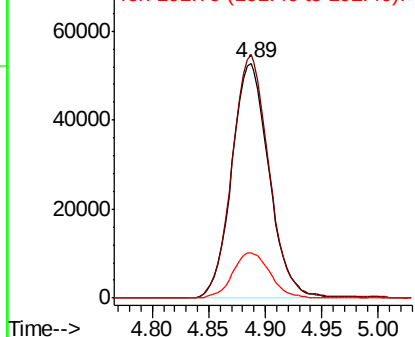


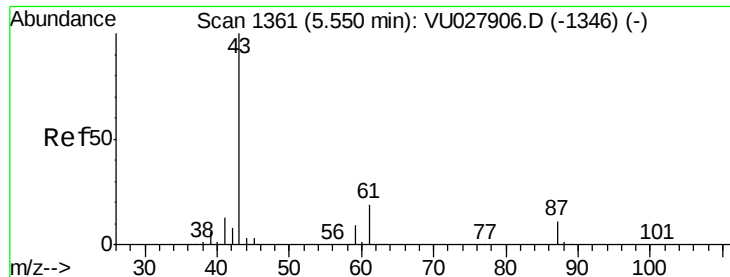
#35
 Dibromofluoromethane
 Concen: 51.467 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028019.D
 Acq: 08 Nov 2018 12:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.0	124.6
192	19.3	15.6	23.4



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





#43

Isopropyl Acetate

Concen: 6.135 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU028019.D

Acq: 08 Nov 2018 12:32

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#03

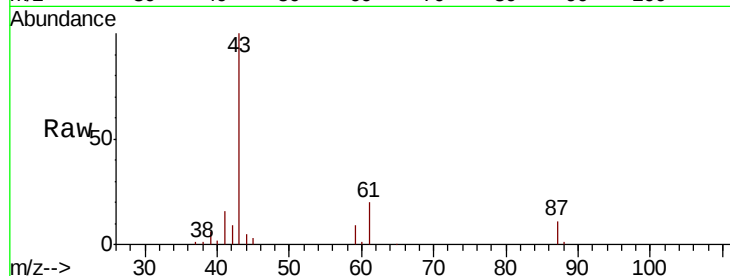
Tot Ion: 43 Resp: 54985

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

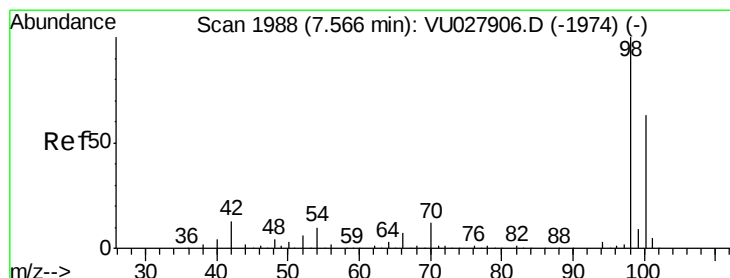
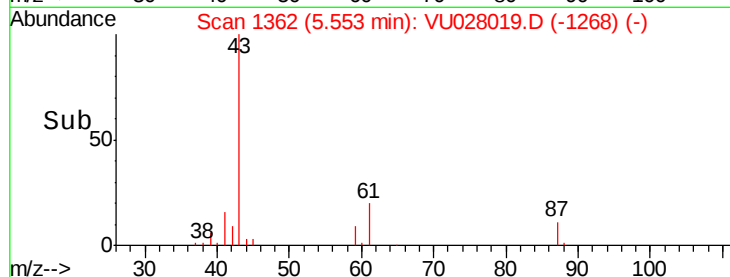
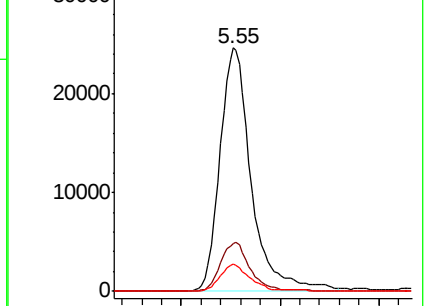
87 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



#50

Toluene-d8

Concen: 53.641 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028019.D

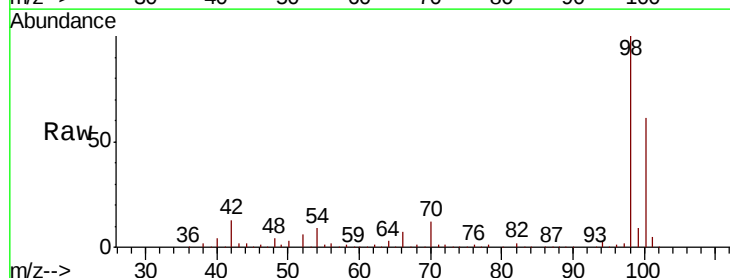
Acq: 08 Nov 2018 12:32

Tgt Ion: 98 Resp: 487028

Ion Ratio Lower Upper

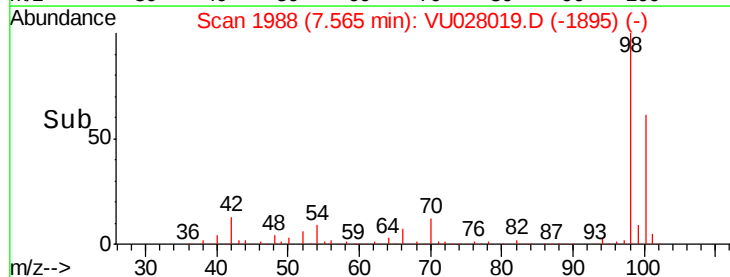
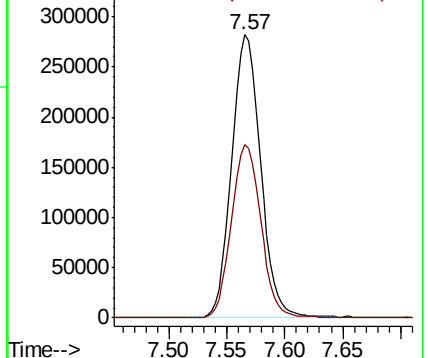
98 100

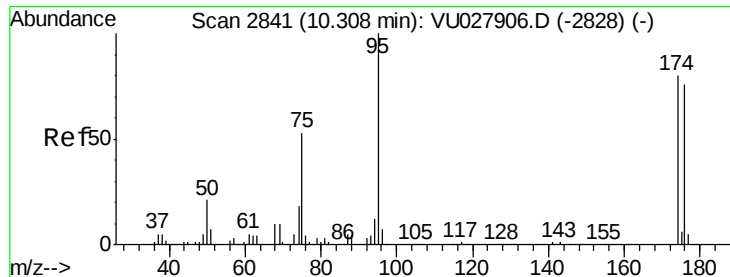
100 62.7 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

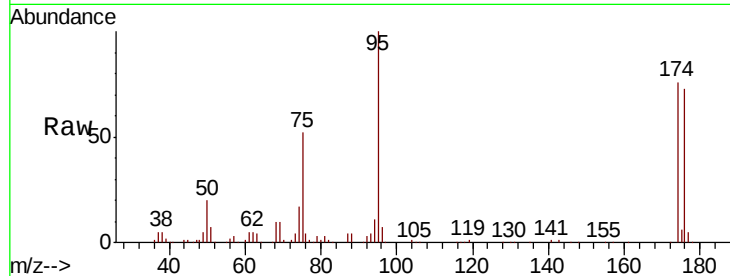




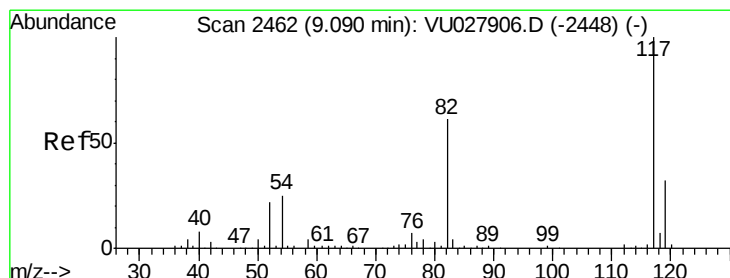
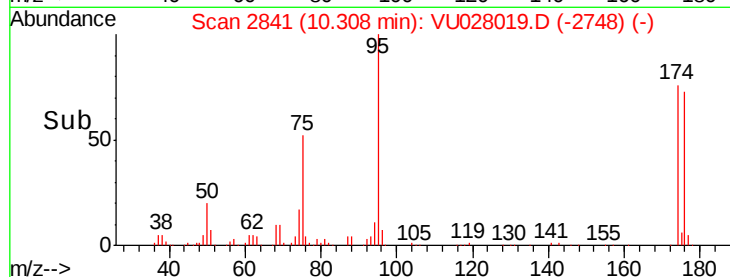
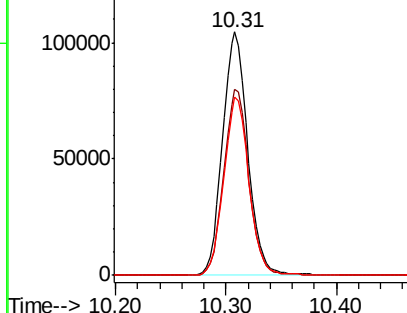
#62
4-Bromofluorobenzene
Concen: 49.441 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028019.D
Acq: 08 Nov 2018 12:32

Instrument :
MSVOA_U
ClientSampleId :
PB114610ZHE#03

Tot Ion: 95 Resp: 165571
Ion Ratio Lower Upper
95 100
174 76.0 0.0 156.4
176 73.2 0.0 150.8

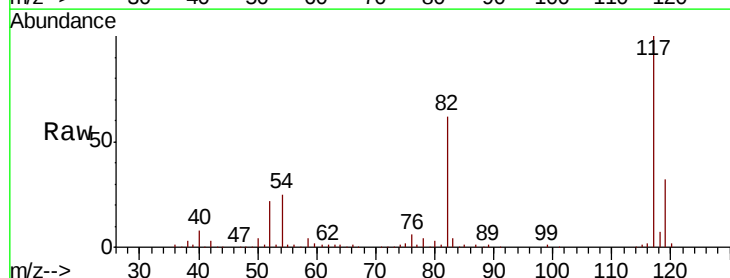


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

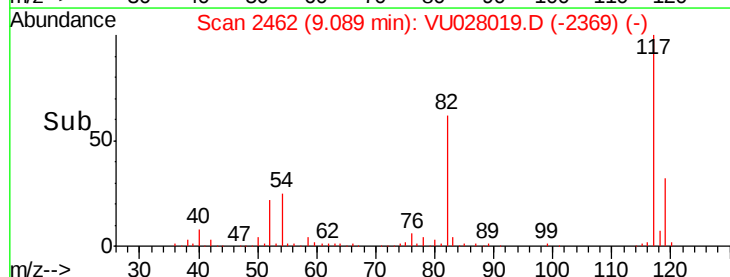
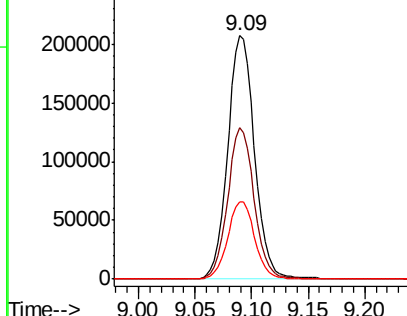


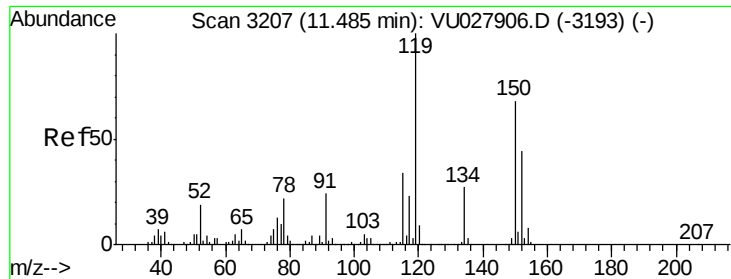
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028019.D
Acq: 08 Nov 2018 12:32

Tgt Ion: 117 Resp: 341649
Ion Ratio Lower Upper
117 100
82 62.0 48.6 73.0
119 32.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028019.D

Acq: 08 Nov 2018 12:32

Instrument :

MSVOA_U

ClientSampleId :

PB114610ZHE#03

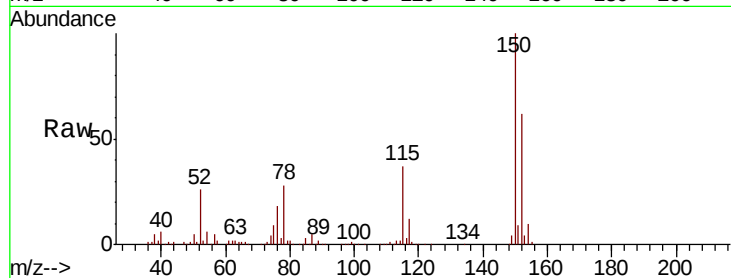
Tot Ion:152 Resp: 142998

Ion Ratio Lower Upper

152 100

115 60.5 43.0 129.0

150 158.1 0.0 349.4



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

