

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110818\
 Data File : VU028028.D
 Acq On : 08 Nov 2018 16:01
 Operator : MD/SY
 Sample : J5768-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-110718-B

Quant Time: Nov 08 16:22:05 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

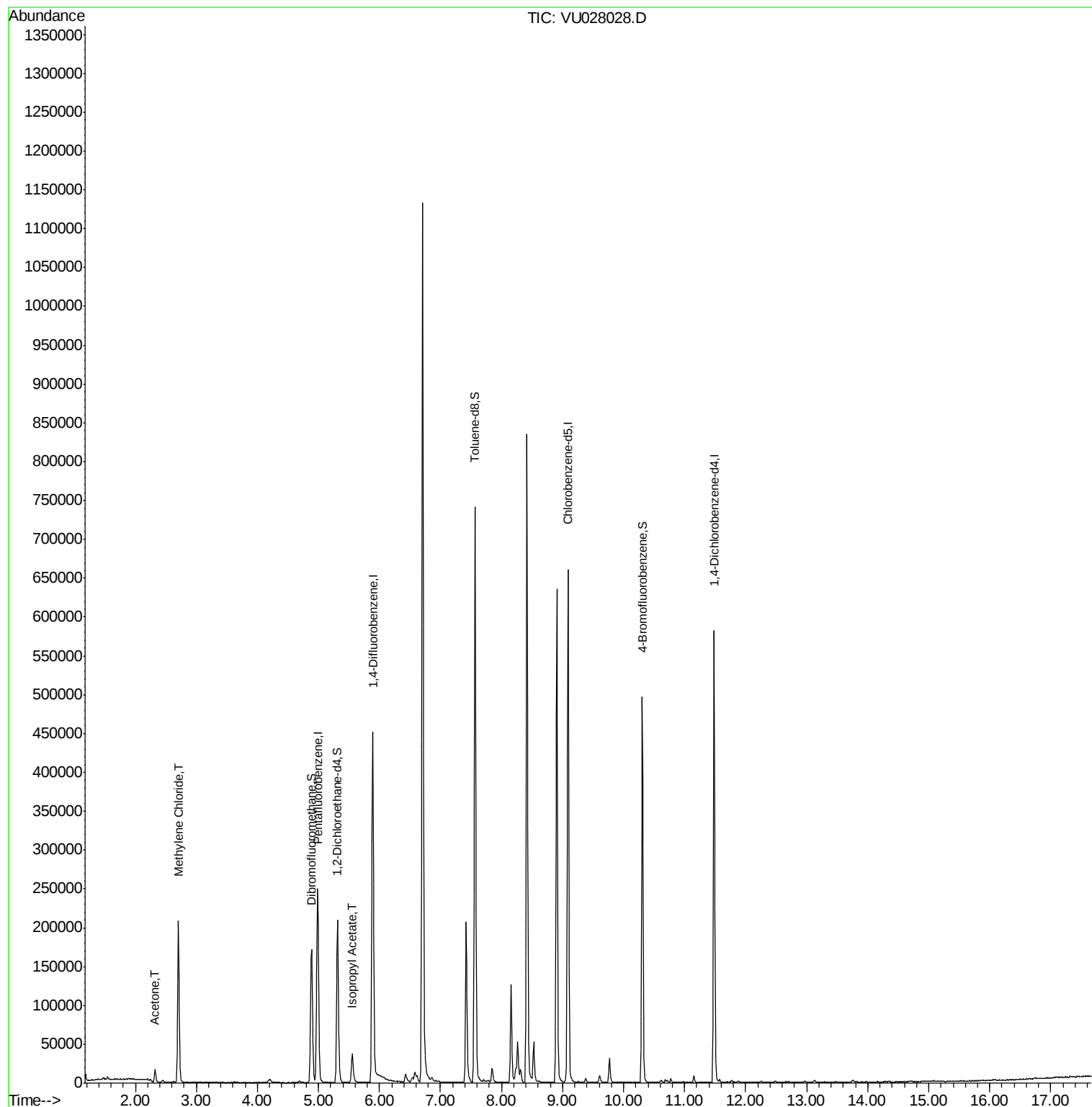
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	368806	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	335351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	161416	57.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.26%	
35) Dibromofluoromethane	4.89	113	119202	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
50) Toluene-d8	7.57	98	479702	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
62) 4-Bromofluorobenzene	10.31	95	159218	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
Target Compounds						
16) Acetone	2.32	43	16339	9.402	ug/l	99
20) Methylene Chloride	2.70	84	85129	33.550	ug/l	97
43) Isopropyl Acetate	5.56	43	47882	5.400	ug/l	100

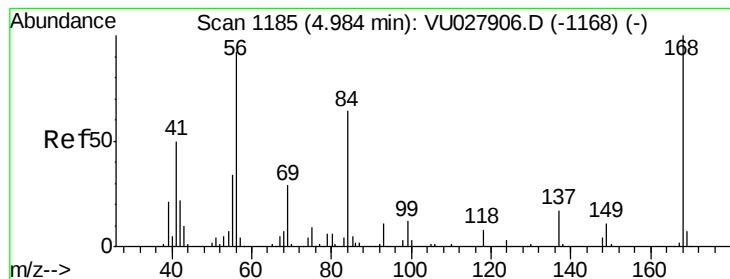
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU028028.D

Acq: 08 Nov 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

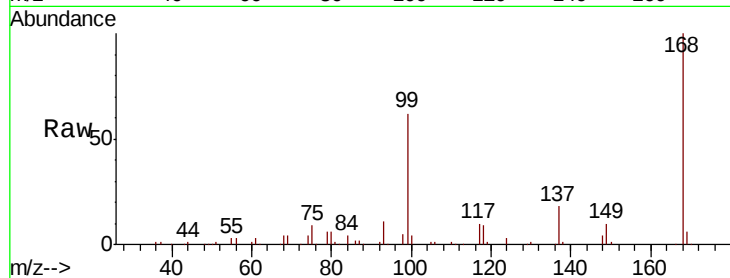
OK-02-110718-B

Tot Ion:168 Resp: 188400

Ion Ratio Lower Upper

168 100

99 61.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028028.D (-1092) (-)

4.99

80000

60000

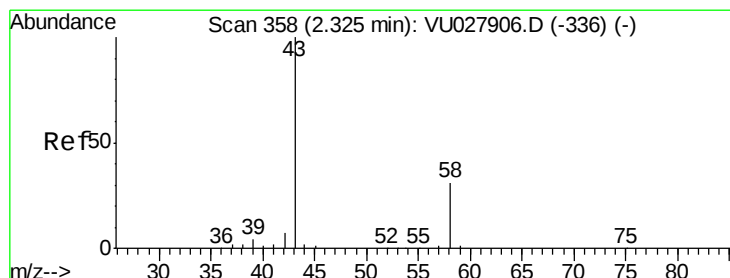
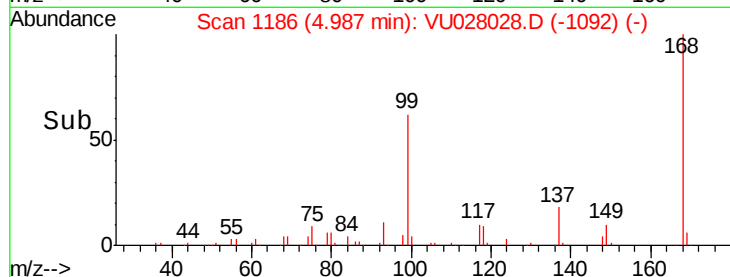
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 9.402 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028028.D

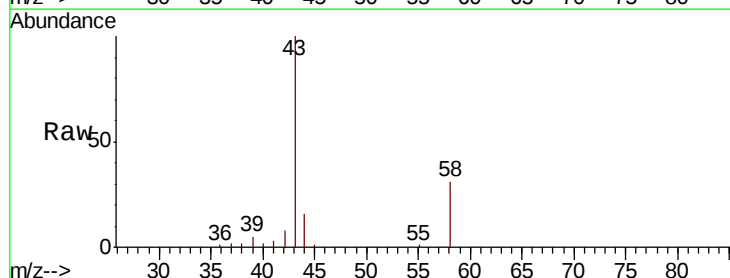
Acq: 08 Nov 2018 16:01

Tgt Ion: 43 Resp: 16339

Ion Ratio Lower Upper

43 100

58 31.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028028.D (-265) (-)

2.32

12000

10000

8000

6000

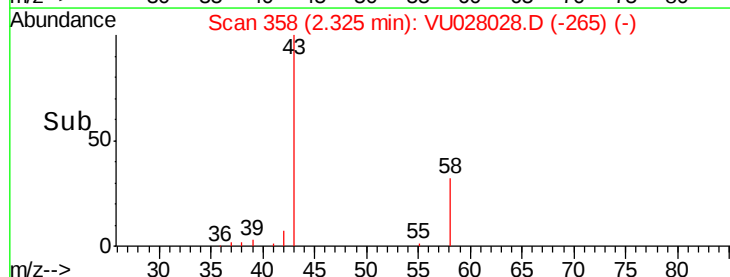
4000

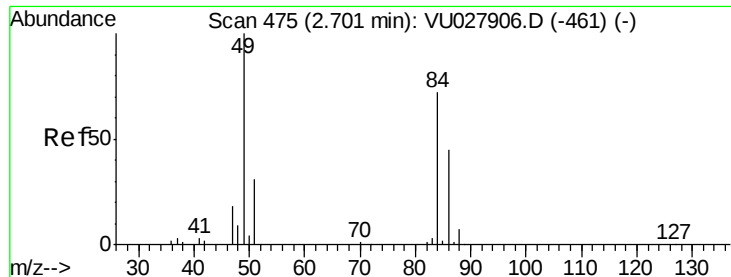
2000

0

Time-->

2.25 2.30 2.35 2.40





#20

Methylene Chloride

Concen: 33.550 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU028028.D

Acq: 08 Nov 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

OK-02-110718-B

Tot Ion: 84 Resp: 85129

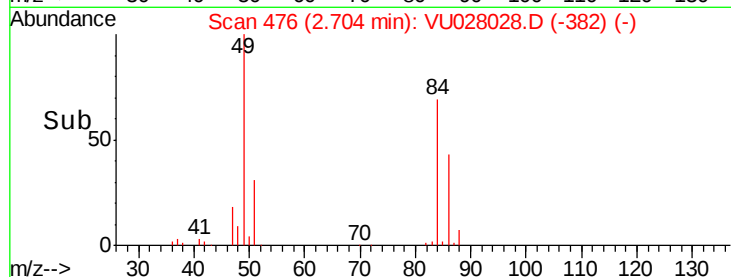
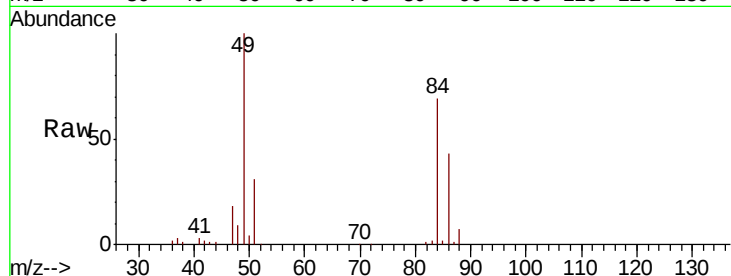
Ion Ratio Lower Upper

84 100

49 144.8 111.6 167.4

51 44.2 34.8 52.2

86 62.0 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

100000

80000

60000

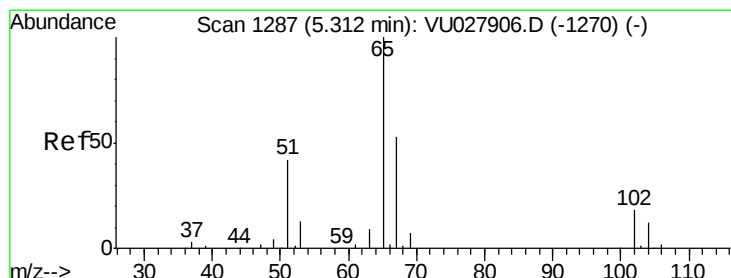
40000

20000

0

2.60 2.65 2.70 2.75 2.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.627 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU028028.D

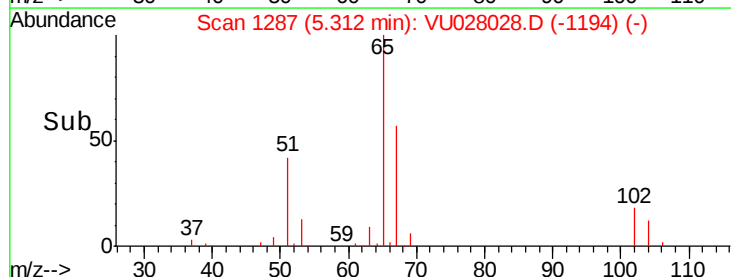
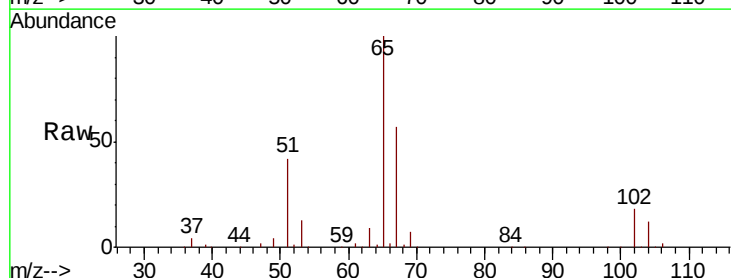
Acq: 08 Nov 2018 16:01

Tgt Ion: 65 Resp: 161416

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

80000

60000

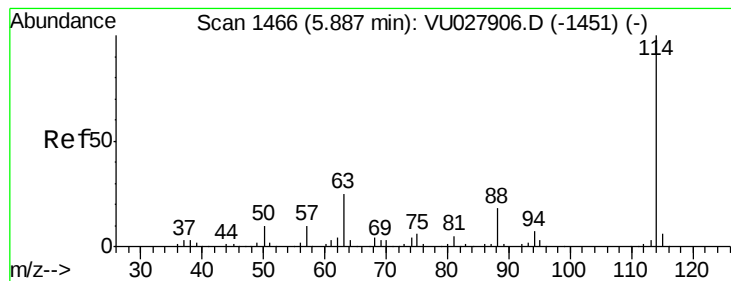
40000

20000

0

5.20 5.25 5.30 5.35 5.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU028028.D

Acq: 08 Nov 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

OK-02-110718-B

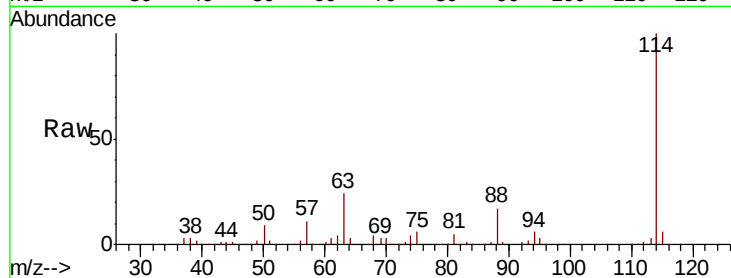
Tot Ion:114 Resp: 368806

Ion Ratio Lower Upper

114 100

63 24.0 0.0 50.8

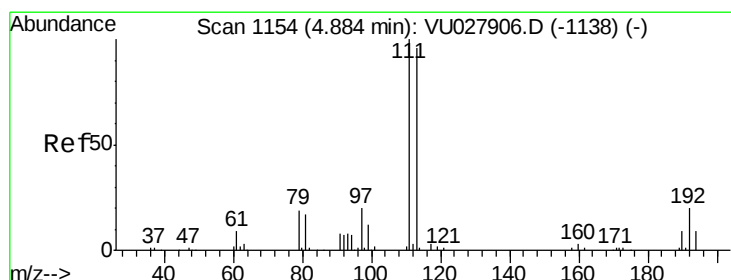
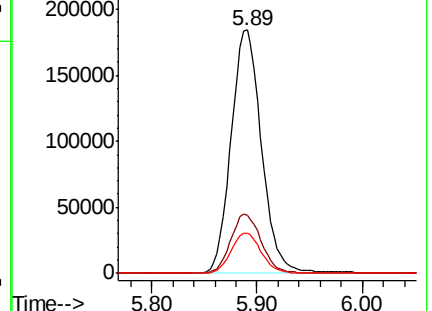
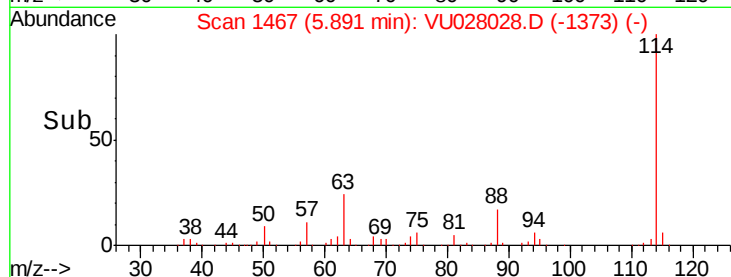
88 16.6 0.0 35.8



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: 51.261 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU028028.D

Acq: 08 Nov 2018 16:01

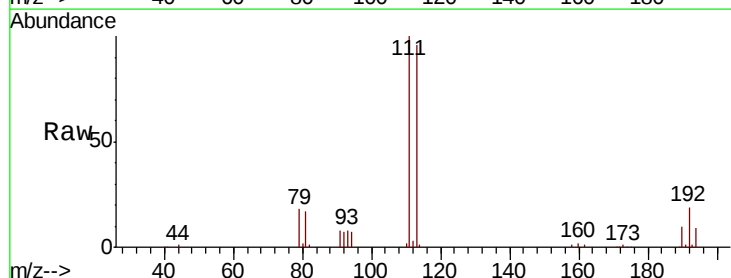
Tgt Ion:113 Resp: 119202

Ion Ratio Lower Upper

113 100

111 104.3 83.0 124.6

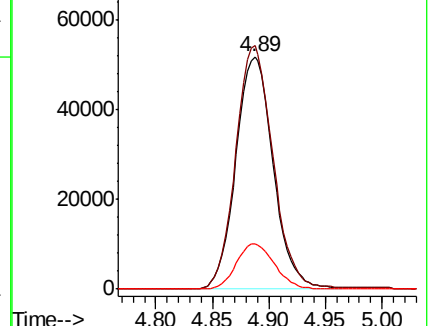
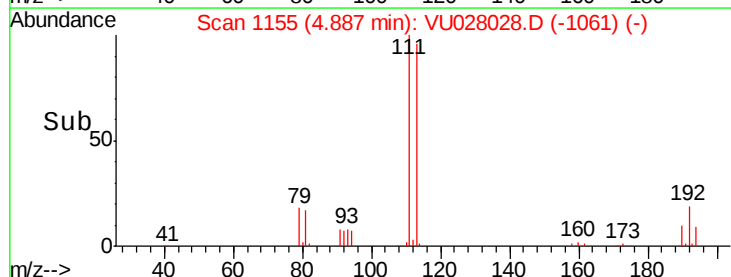
192 19.9 15.6 23.4

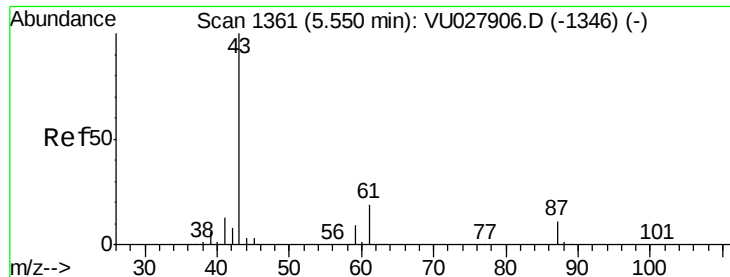


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.400 ug/l

RT: 5.56 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VU028028.D

Acq: 08 Nov 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

OK-02-110718-B

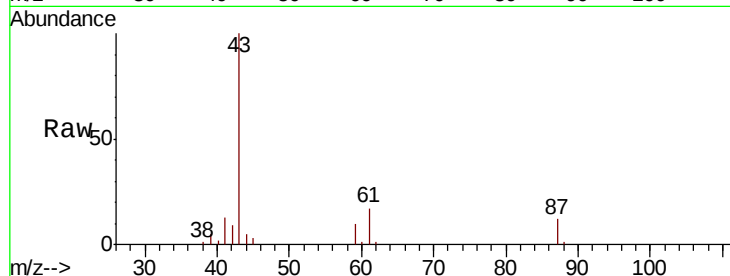
Tot Ion: 43 Resp: 47882

Ion Ratio Lower Upper

43 100

61 18.4 15.0 22.4

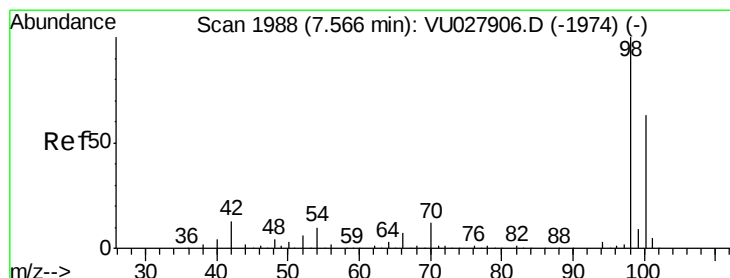
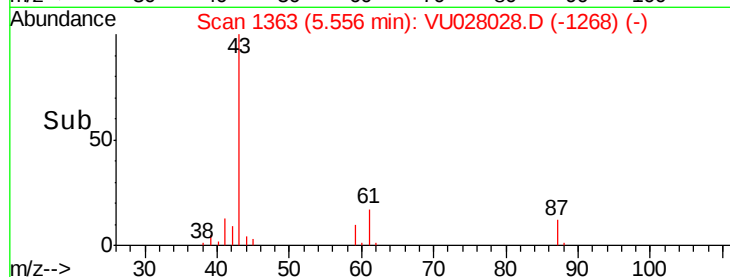
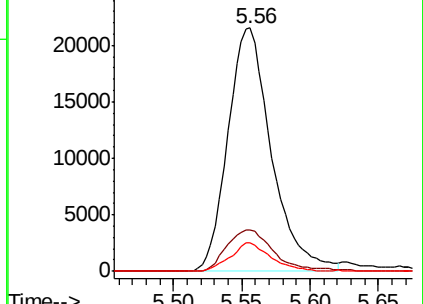
87 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU028028.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU028028.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU028028.D (-1268) (-)



#50

Toluene-d8

Concen: 53.403 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028028.D

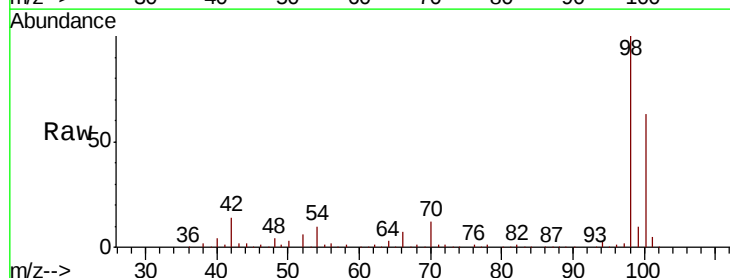
Acq: 08 Nov 2018 16:01

Tgt Ion: 98 Resp: 479702

Ion Ratio Lower Upper

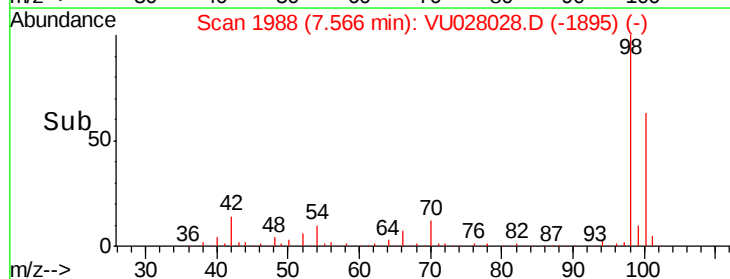
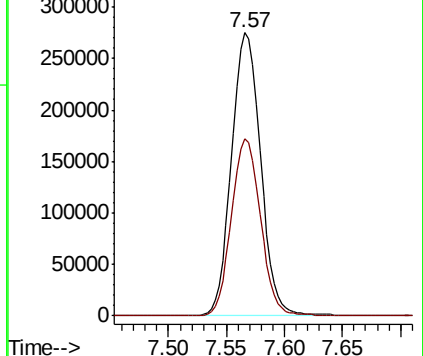
98 100

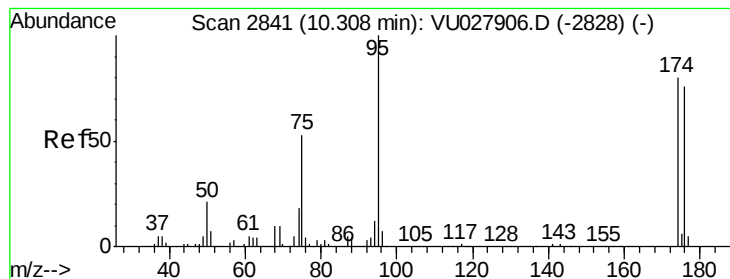
100 62.5 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU028028.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU028028.D (-1895) (-)





#62

4-Bromofluorobenzene

Concen: 48.055 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028028.D

Acq: 08 Nov 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

OK-02-110718-B

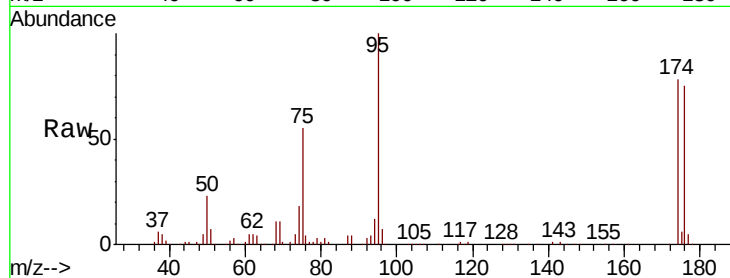
Tot Ion: 95 Resp: 159218

Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.4

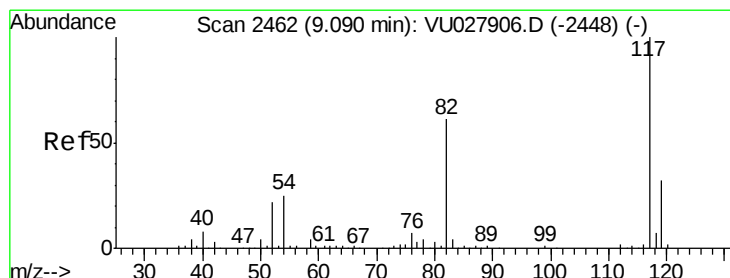
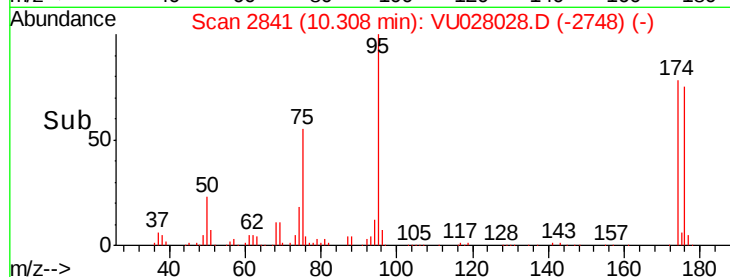
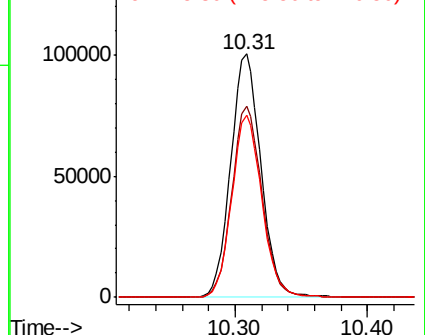
176 74.8 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU028028.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU028028.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU028028.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU028028.D

Acq: 08 Nov 2018 16:01

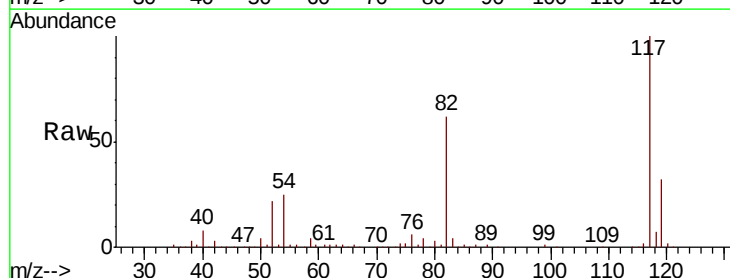
Tgt Ion: 117 Resp: 335351

Ion Ratio Lower Upper

117 100

82 62.3 48.6 73.0

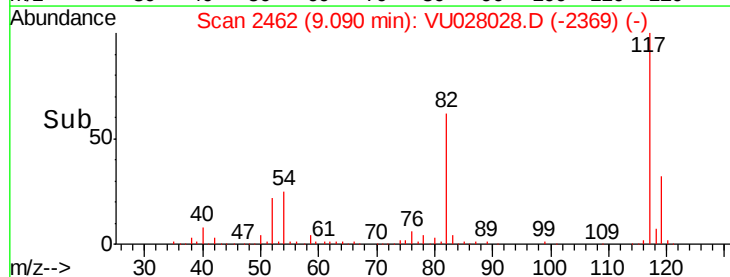
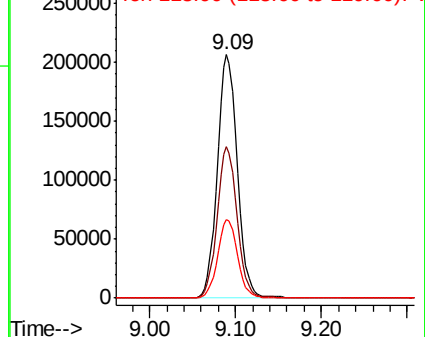
119 32.2 25.8 38.8

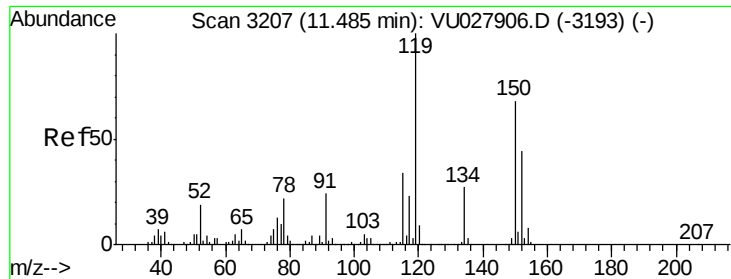


Abundance Ion 116.90 (116.60 to 117.60): VU028028.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU028028.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU028028.D (-2369) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU028028.D

Acq: 08 Nov 2018 16:01

Instrument :

MSVOA_U

ClientSampleId :

OK-02-110718-B

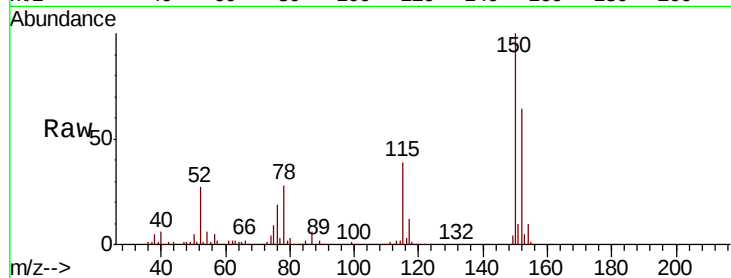
Tot Ion:152 Resp: 142757

Ion Ratio Lower Upper

152 100

115 60.9 43.0 129.0

150 156.0 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

