

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029191.D
 Acq On : 15 Jan 2019 17:33
 Operator : JC/SP
 Sample : K1139-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S-3

Quant Time: Jan 16 06:44:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

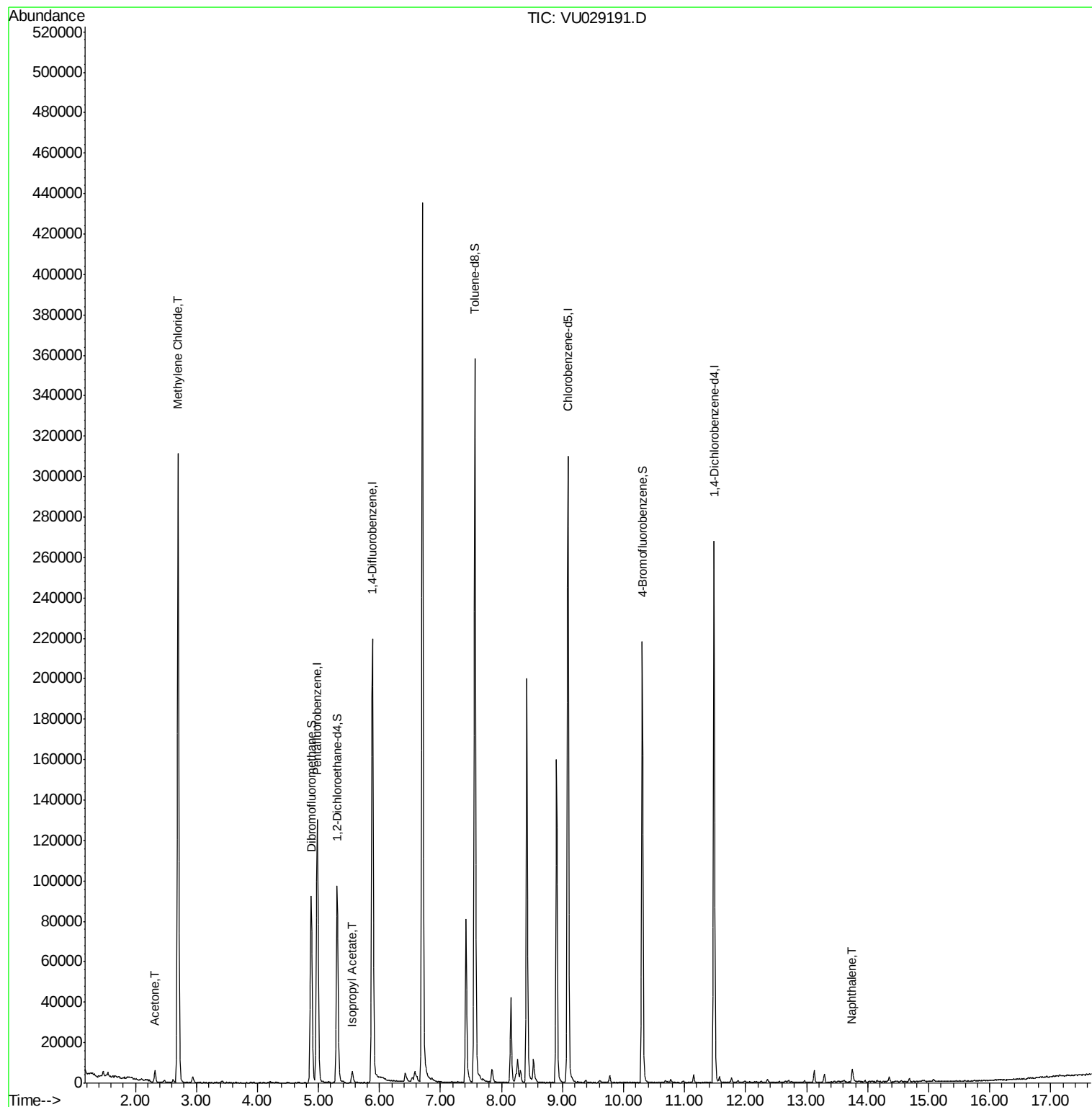
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	190552	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75154	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	4.88	113	65175	52.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.52%	
50) Toluene-d8	7.56	98	246855	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	10.30	95	75550	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
Target Compounds						
16) Acetone	2.32	43	5981	7.173	ug/l	99
20) Methylene Chloride	2.70	84	136968	96.747	ug/l	97
43) Isopropyl Acetate	5.55	43	6895	2.150	ug/l	95
95) Naphthalene	13.75	128	7923	1.406	ug/l #	94

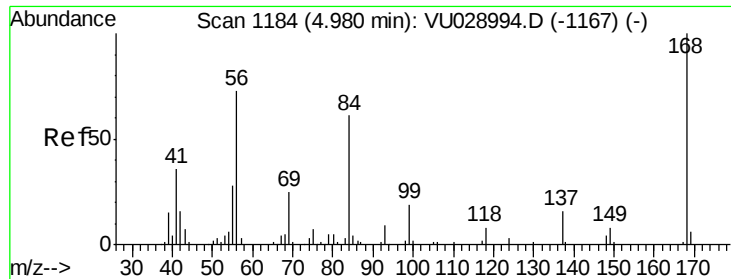
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029191.D

Acq: 15 Jan 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

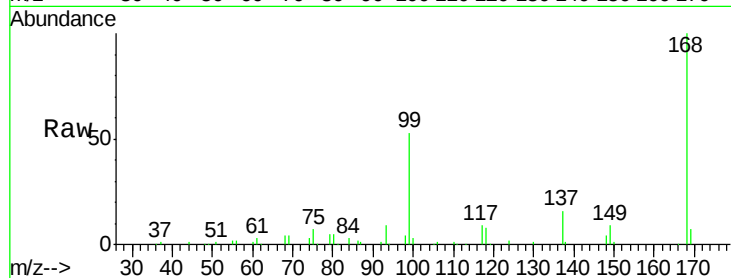
S-3

Tot Ion:168 Resp: 107074

Ion Ratio Lower Upper

168 100

99 52.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

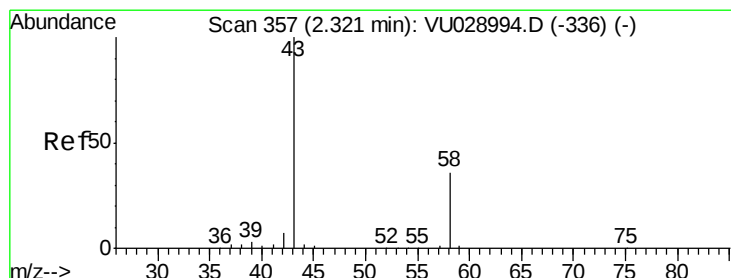
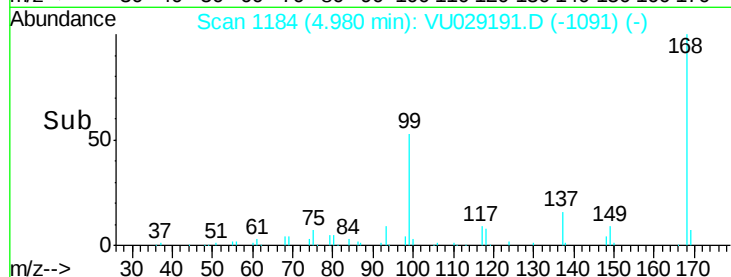
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 7.173 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029191.D

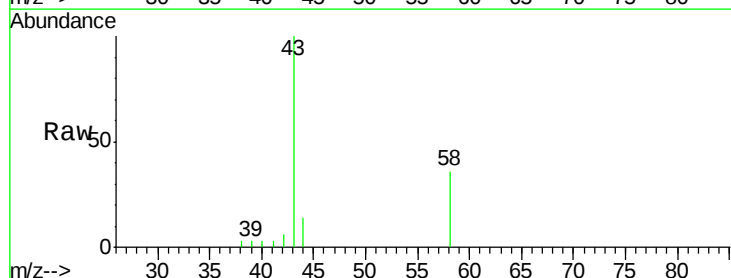
Acq: 15 Jan 2019 17:33

Tgt Ion: 43 Resp: 5981

Ion Ratio Lower Upper

43 100

58 36.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

4000

3000

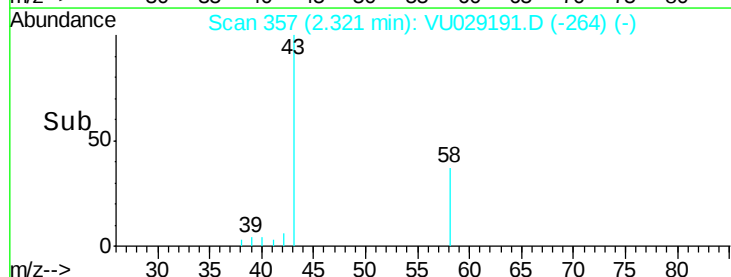
2000

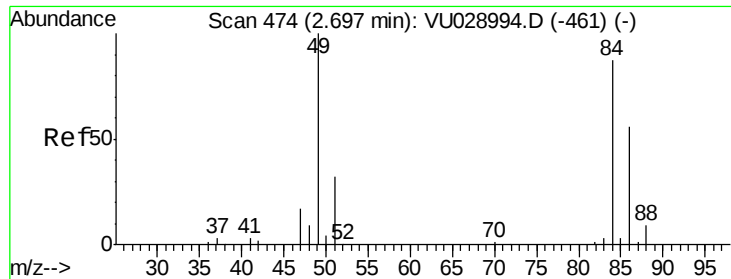
1000

0

2.30 2.35

Time-->



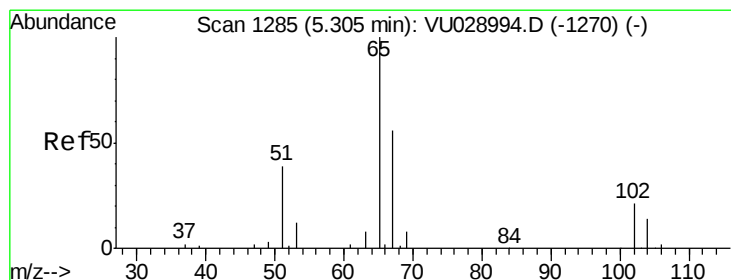
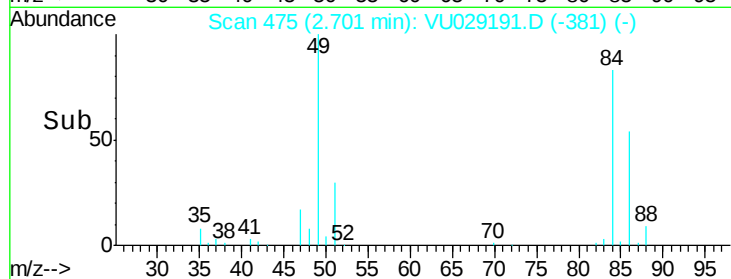
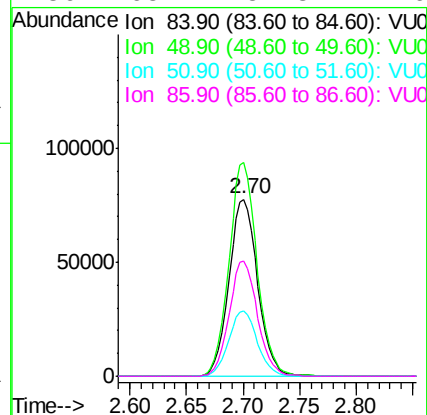
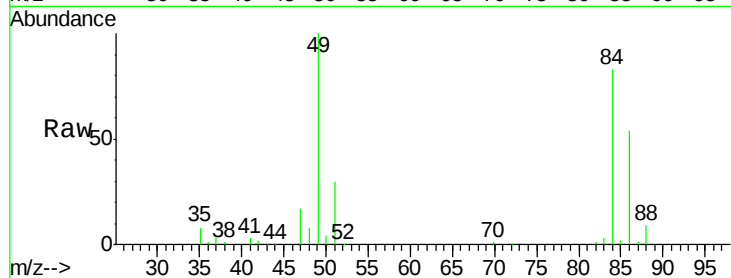


#20
Methylene Chloride
Concen: 96.747 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029191.D
Acq: 15 Jan 2019 17:33

Instrument :
MSVOA_U
ClientSampled :
S-3

Tot Ion: 84 Resp: 136968

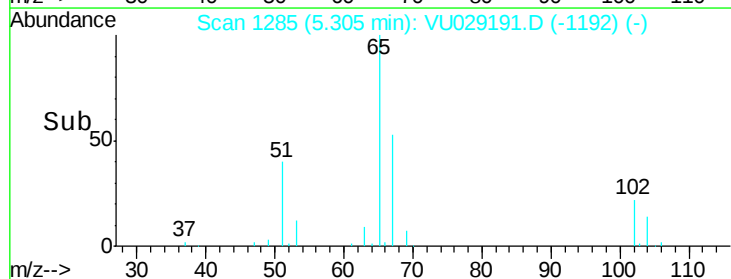
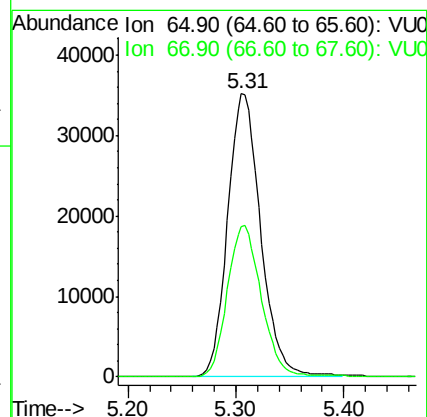
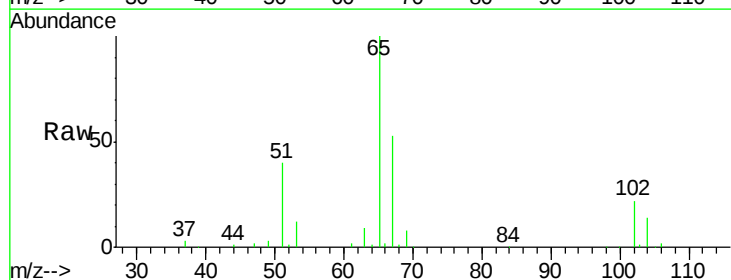
Ion	Ratio	Lower	Upper
84	100		
49	120.8	91.9	137.9
51	36.8	29.2	43.8
86	65.1	51.8	77.6

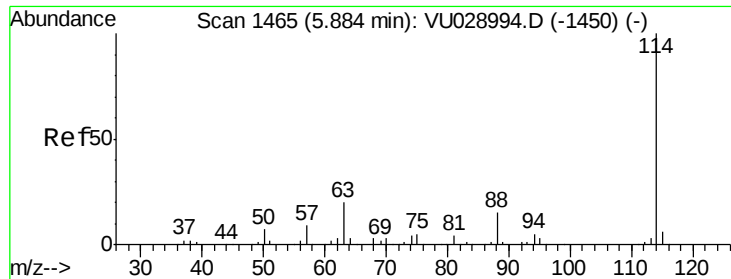


#33
1,2-Dichloroethane-d4
Concen: 56.778 ug/l
RT: 5.31 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU029191.D
Acq: 15 Jan 2019 17:33

Tgt Ion: 65 Resp: 75154

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029191.D

Acq: 15 Jan 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

S-3

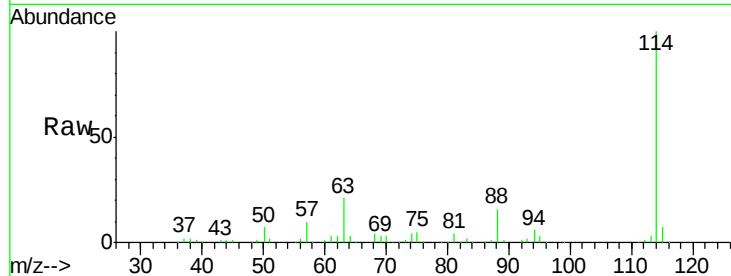
Tot Ion:114 Resp: 190552

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.2

88 15.9 0.0 30.4

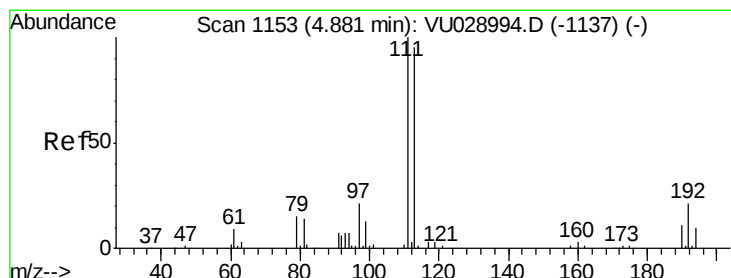
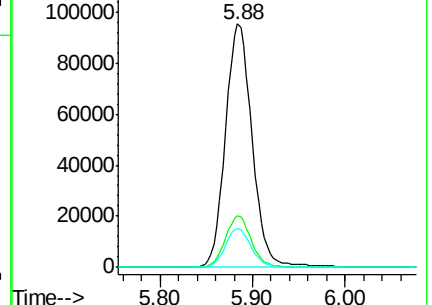
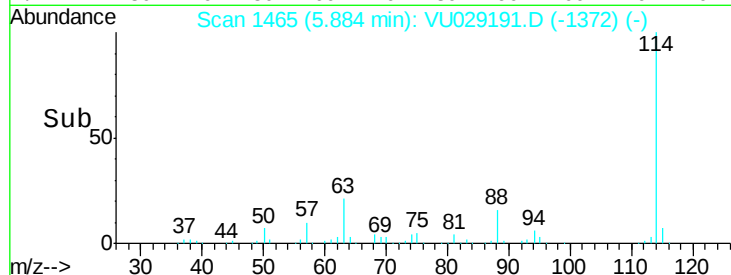


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

Time-->



#35

Dibromofluoromethane

Concen: 52.764 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029191.D

Acq: 15 Jan 2019 17:33

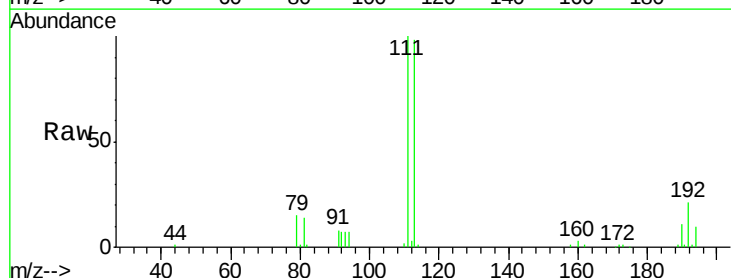
Tgt Ion:113 Resp: 65175

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

192 21.1 16.8 25.2

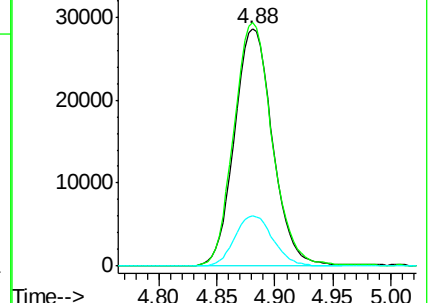
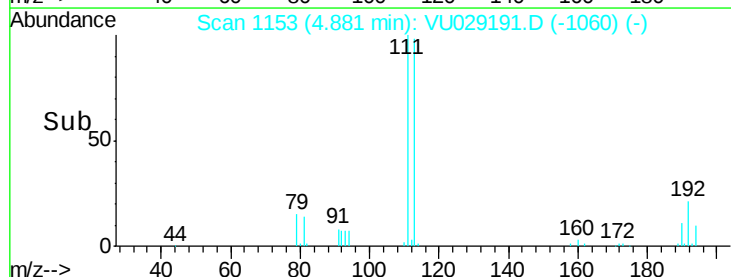


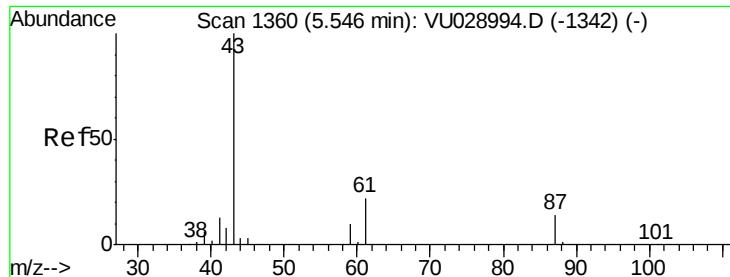
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

Time-->





#43

Isopropyl Acetate

Concen: 2.150 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029191.D

Acq: 15 Jan 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

S-3

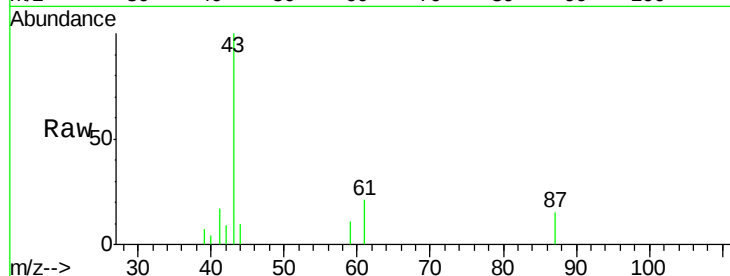
Tot Ion: 43 Resp: 6895

Ion Ratio Lower Upper

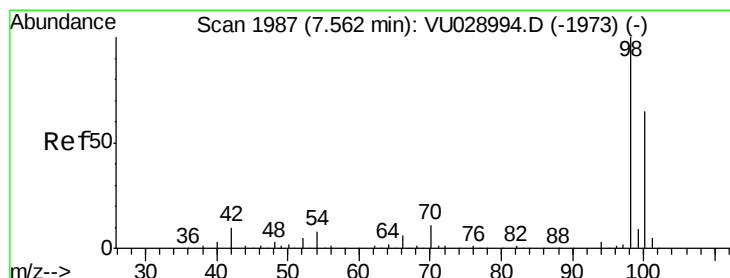
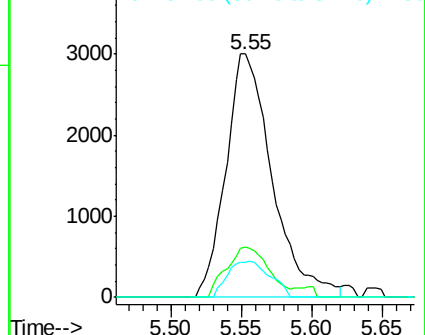
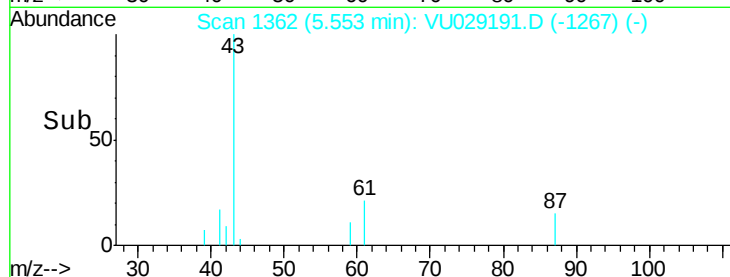
43 100

61 18.7 17.8 26.6

87 13.6 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029191.D (-1267) (-)



#50

Toluene-d8

Concen: 50.622 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029191.D

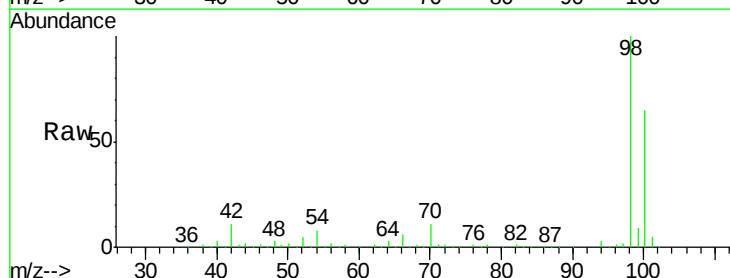
Acq: 15 Jan 2019 17:33

Tgt Ion: 98 Resp: 246855

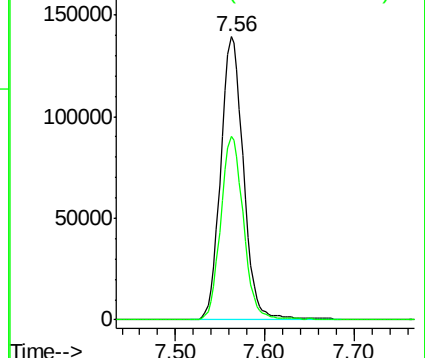
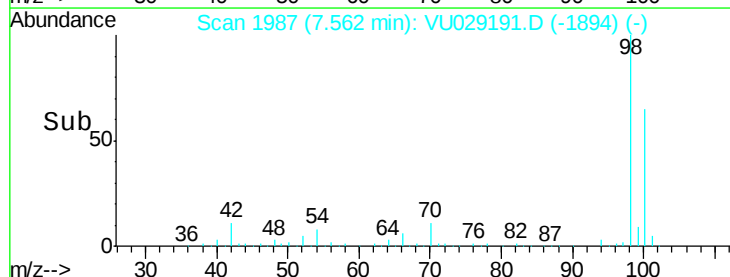
Ion Ratio Lower Upper

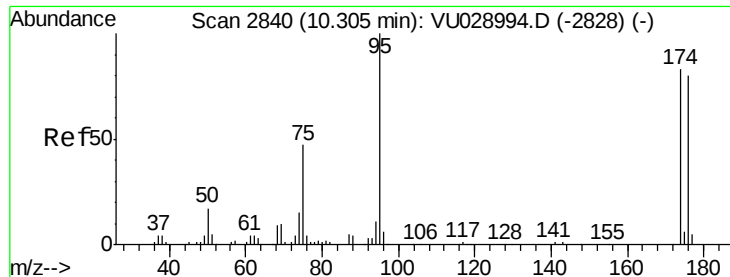
98 100

100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU029191.D (-1894) (-)





#62

4-Bromofluorobenzene

Concen: 43.110 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029191.D

Acq: 15 Jan 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

S-3

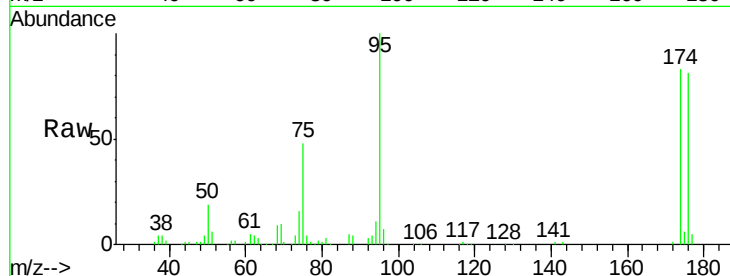
Tot Ion: 95 Resp: 75550

Ion Ratio Lower Upper

95 100

174 85.2 0.0 170.6

176 82.3 0.0 165.0

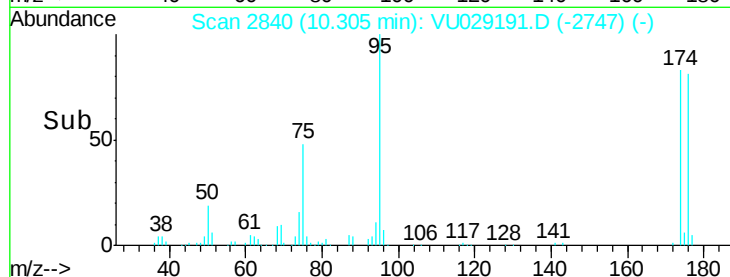


Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)

Time-->

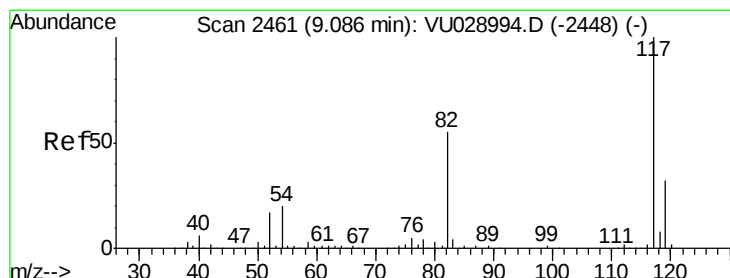


Abundance Ion 94.90 (94.60 to 95.60): VU029191.D (-2747) (-)

Ion 173.80 (173.50 to 174.50): VU029191.D (-2747) (-)

Ion 175.80 (175.50 to 176.50): VU029191.D (-2747) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029191.D

Acq: 15 Jan 2019 17:33

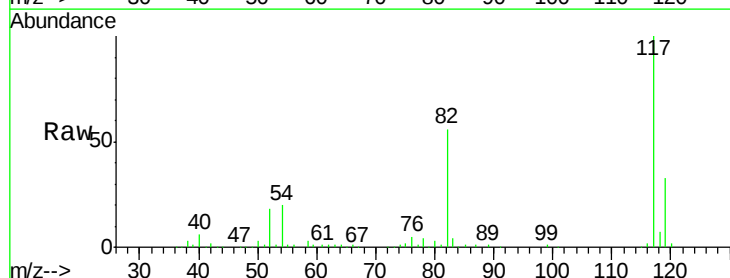
Tgt Ion: 117 Resp: 179438

Ion Ratio Lower Upper

117 100

82 55.7 43.9 65.9

119 32.6 26.0 39.0

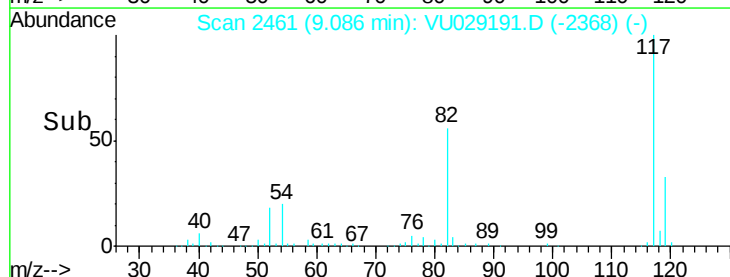


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

Time-->

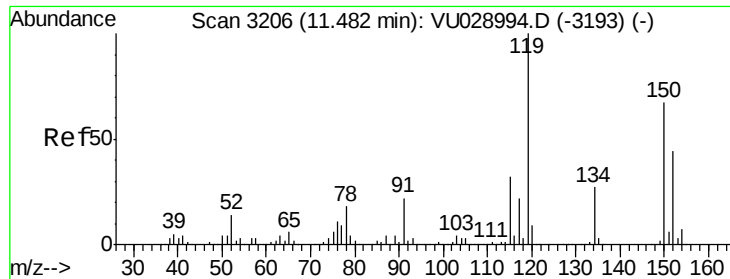


Abundance Ion 116.90 (116.60 to 117.60): VU029191.D (-2368) (-)

Ion 82.00 (81.70 to 82.70): VU029191.D (-2368) (-)

Ion 118.90 (118.60 to 119.60): VU029191.D (-2368) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029191.D

Acq: 15 Jan 2019 17:33

Instrument :

MSVOA_U

ClientSampleId :

S-3

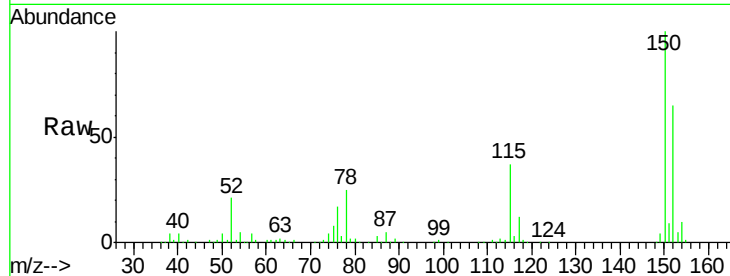
Tot Ion:152 Resp: 72813

Ion Ratio Lower Upper

152 100

115 56.1 40.1 120.3

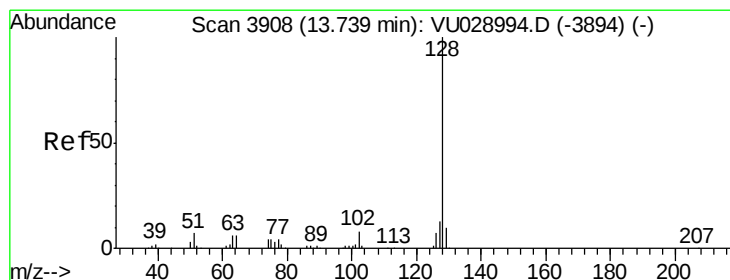
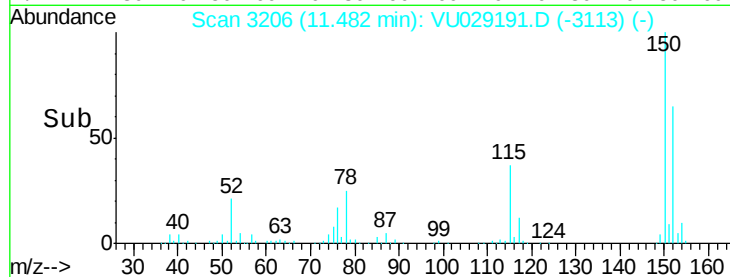
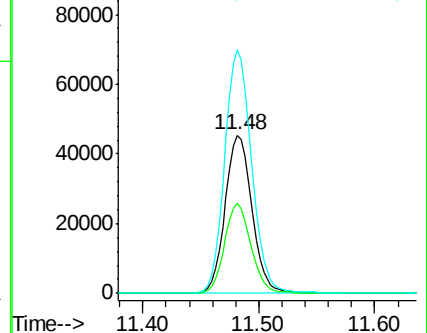
150 154.9 0.0 345.2



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



#95

Naphthalene

Concen: 1.406 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU029191.D

Acq: 15 Jan 2019 17:33

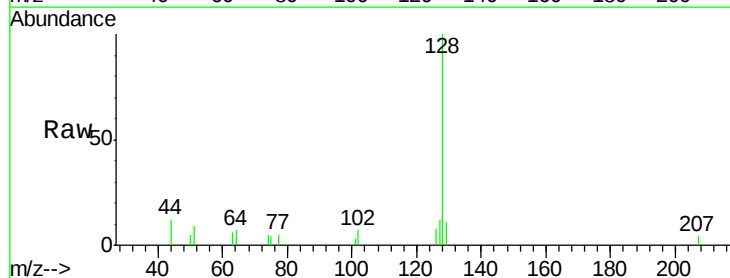
Tgt Ion:128 Resp: 7923

Ion Ratio Lower Upper

128 100

127 10.4 10.1 15.1

129 7.9 8.5 12.7#



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

