

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010319\
 Data File : VU029007.D
 Acq On : 03 Jan 2019 19:13
 Operator : MD/SY
 Sample : K1017-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1

Quant Time: Jan 04 08:13:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

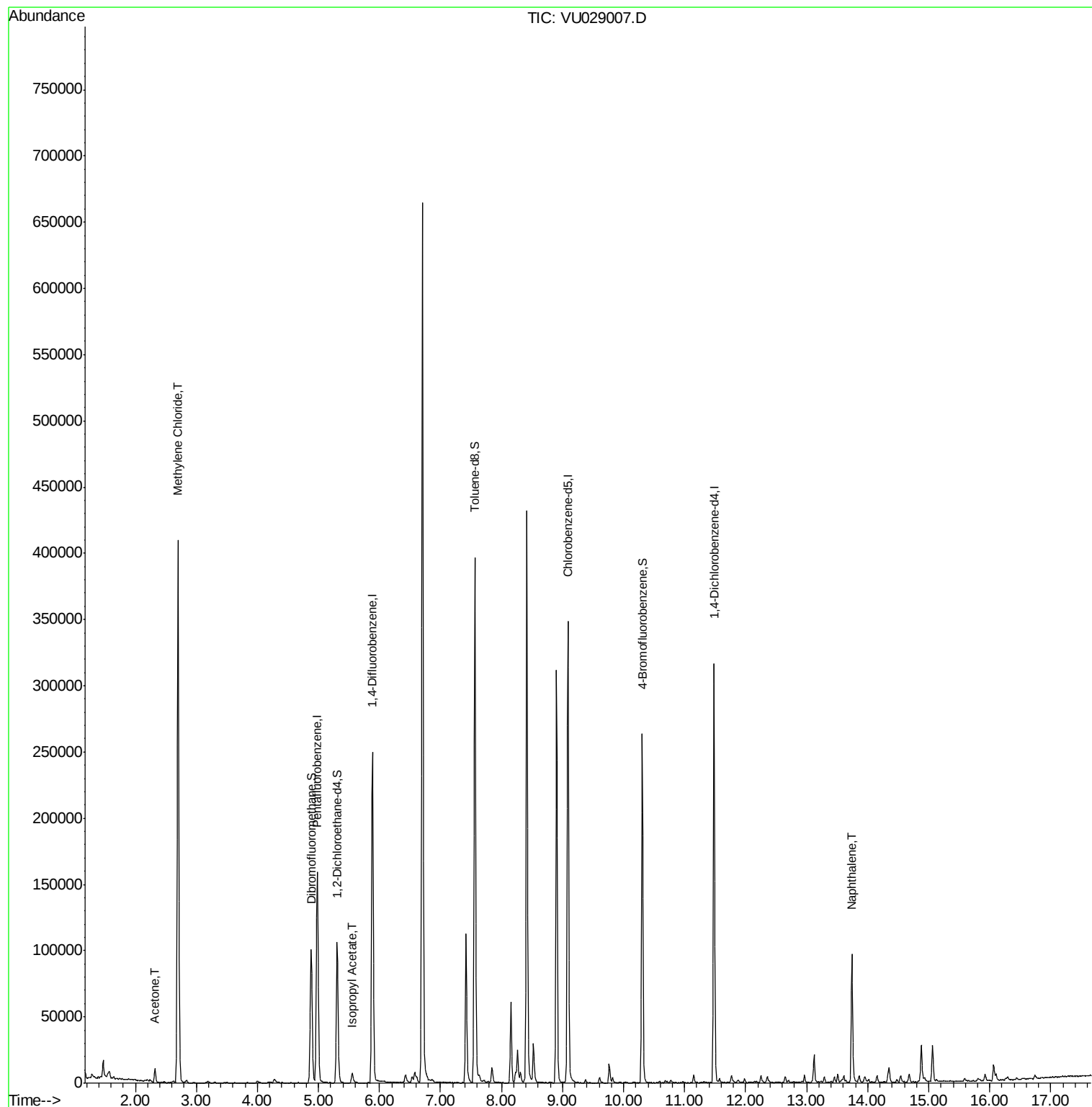
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	130673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	219169	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	202560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	85009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	81504	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	4.88	113	71556	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
50) Toluene-d8	7.56	98	275493	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
62) 4-Bromofluorobenzene	10.30	95	89397	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.70%	
Target Compounds						
16) Acetone	2.32	43	10850	10.662	ug/l	100
20) Methylene Chloride	2.70	84	187874	108.738	ug/l	99
43) Isopropyl Acetate	5.55	43	9262	2.511	ug/l	96
95) Naphthalene	13.74	128	82057	12.474	ug/l	99

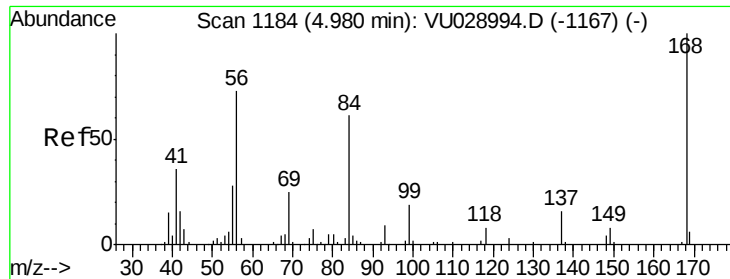
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

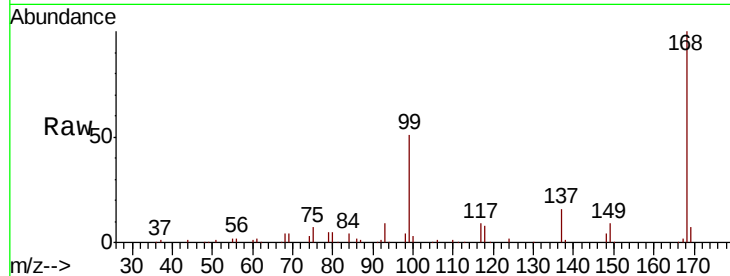
TP-1

Tgt Ion:168 Resp: 130673

Ion Ratio Lower Upper

168 100

99 51.3 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

60000

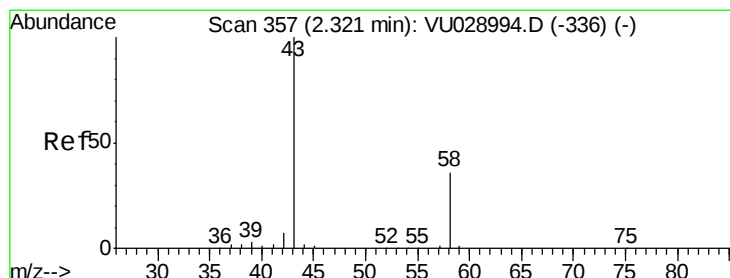
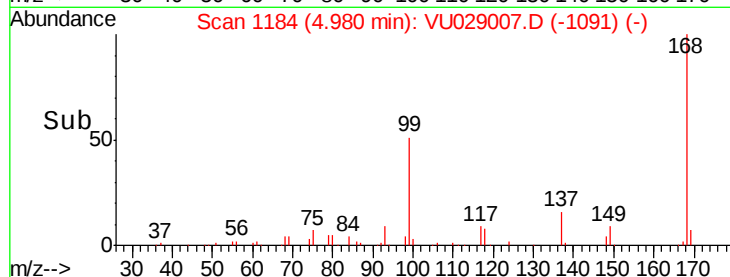
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 10.662 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029007.D

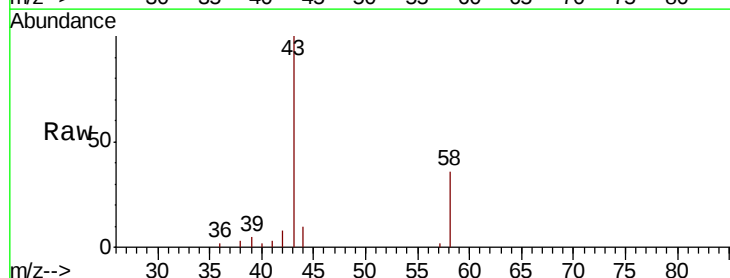
Acq: 03 Jan 2019 19:13

Tgt Ion: 43 Resp: 10850

Ion Ratio Lower Upper

43 100

58 36.0 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

8000

6000

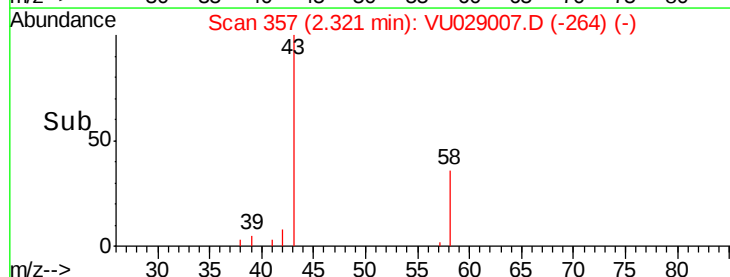
4000

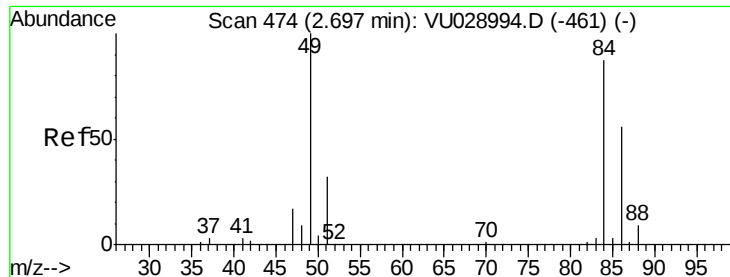
2000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 108.738 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

TP-1

Tgt Ion: 84 Resp: 187874

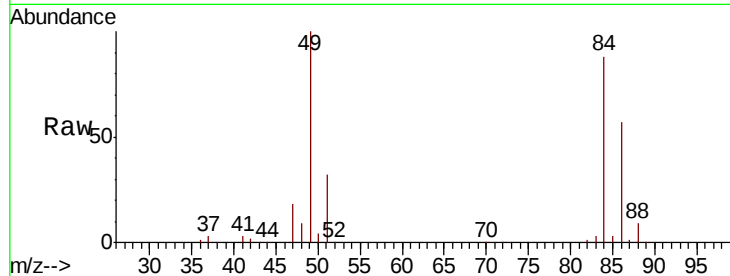
Ion Ratio Lower Upper

84 100

49 113.5 91.9 137.9

51 36.1 29.2 43.8

86 64.6 51.8 77.6

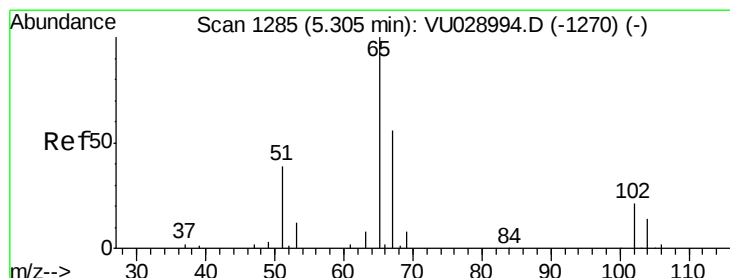
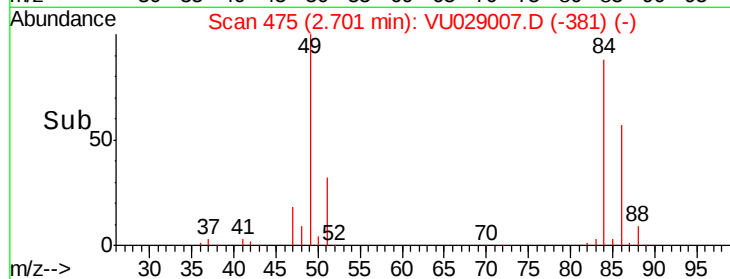
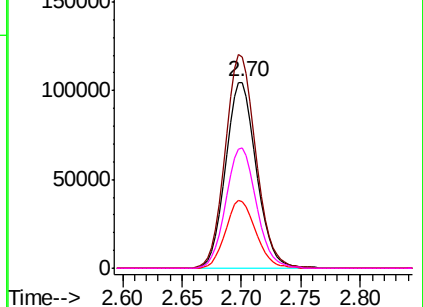


Abundance Ion 83.90 (83.60 to 84.60): VU0

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



#33

1,2-Dichloroethane-d4

Concen: 50.455 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029007.D

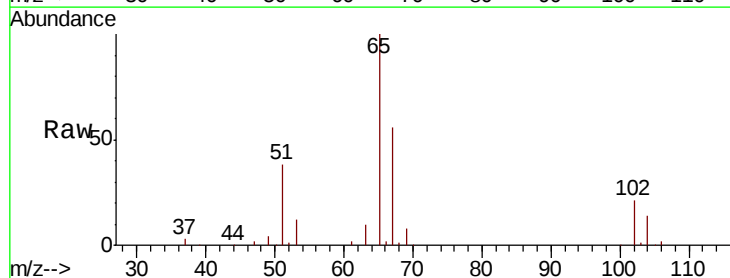
Acq: 03 Jan 2019 19:13

Tgt Ion: 65 Resp: 81504

Ion Ratio Lower Upper

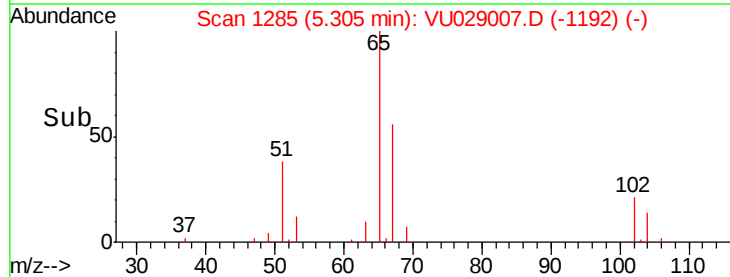
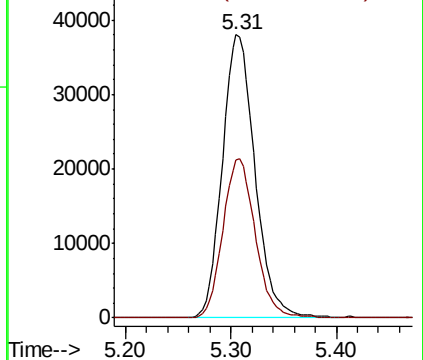
65 100

67 55.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

TP-1

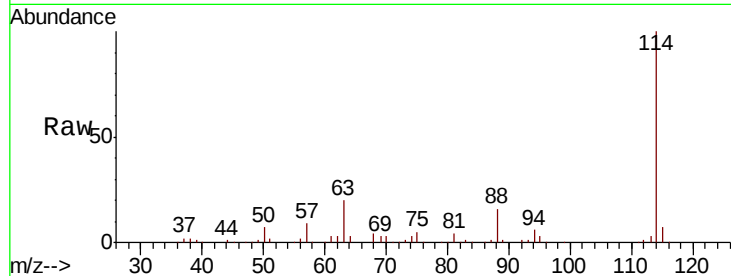
Tgt Ion:114 Resp: 219169

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

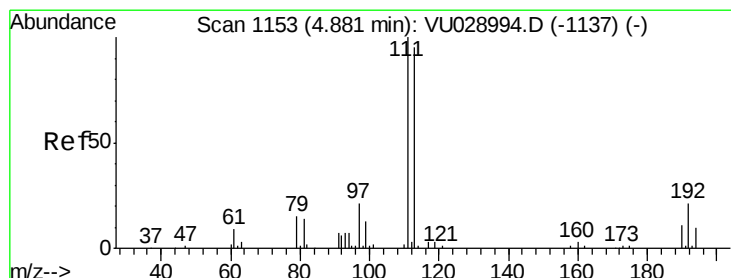
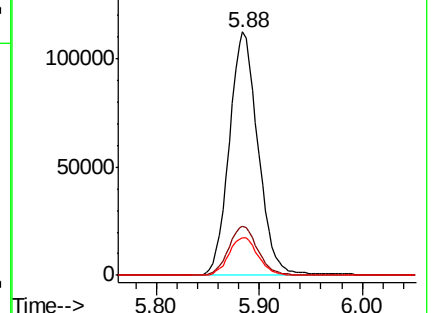
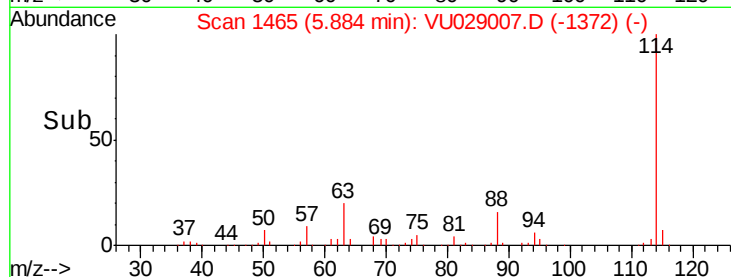
88 15.6 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 50.366 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

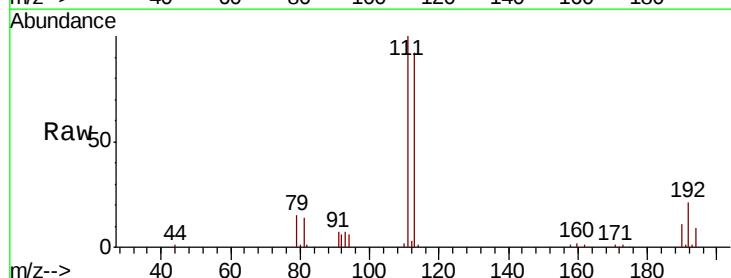
Tgt Ion:113 Resp: 71556

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.2

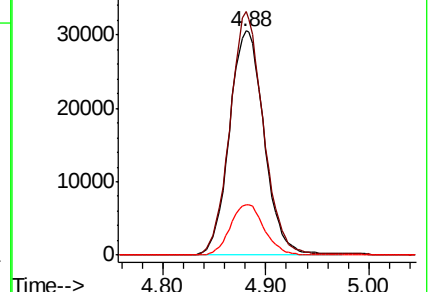
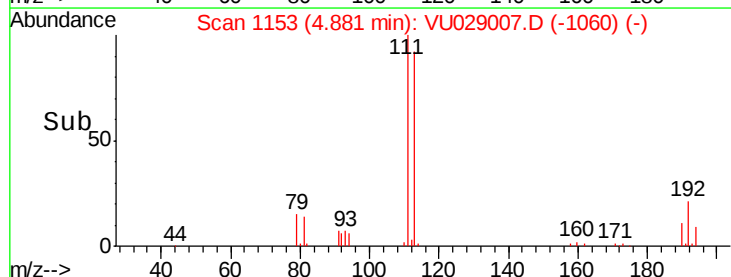
192 21.9 16.8 25.2

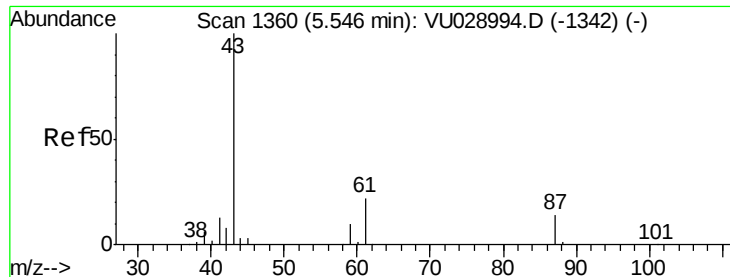


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.511 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

ClientSampled :

TP-1

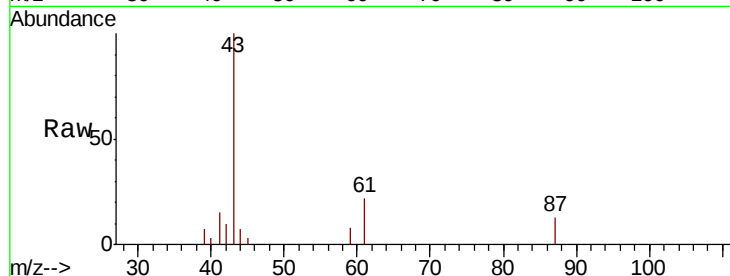
Tgt Ion: 43 Resp: 9262

Ion Ratio Lower Upper

43 100

61 20.8 17.8 26.6

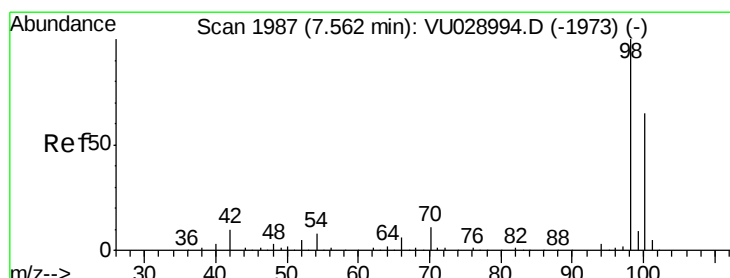
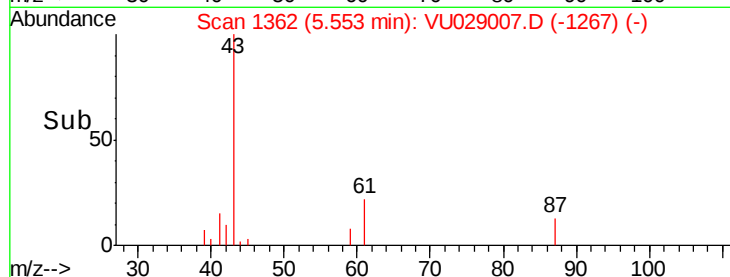
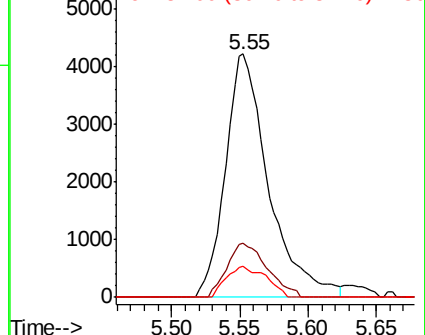
87 11.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#50

Toluene-d8

Concen: 49.118 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029007.D

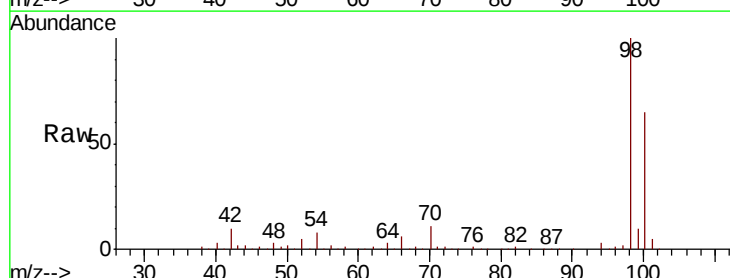
Acq: 03 Jan 2019 19:13

Tgt Ion: 98 Resp: 275493

Ion Ratio Lower Upper

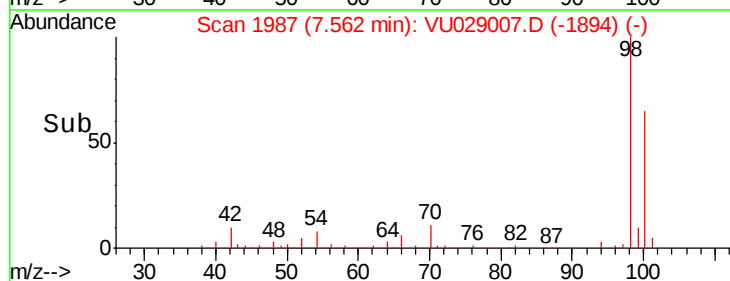
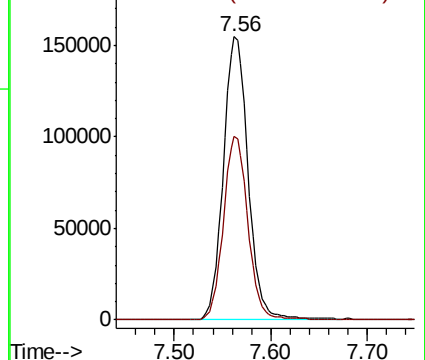
98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)





#62

4-Bromofluorobenzene

Concen: 44.350 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

TP-1

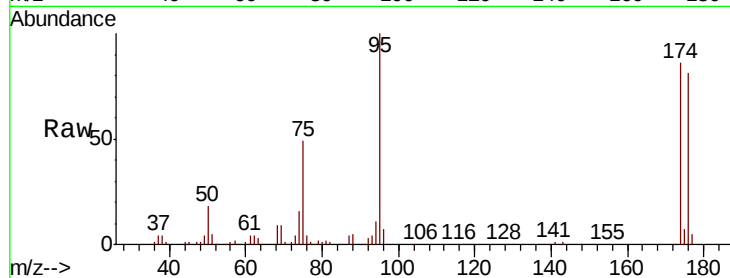
Tgt Ion: 95 Resp: 89397

Ion Ratio Lower Upper

95 100

174 85.7 0.0 170.6

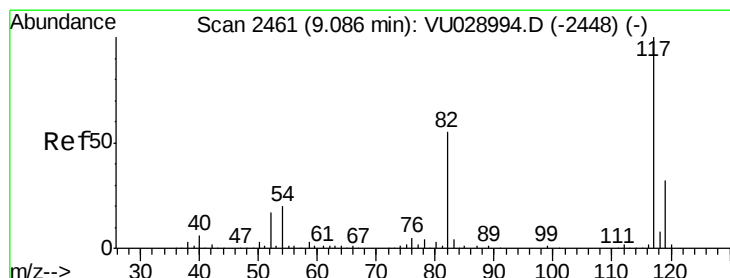
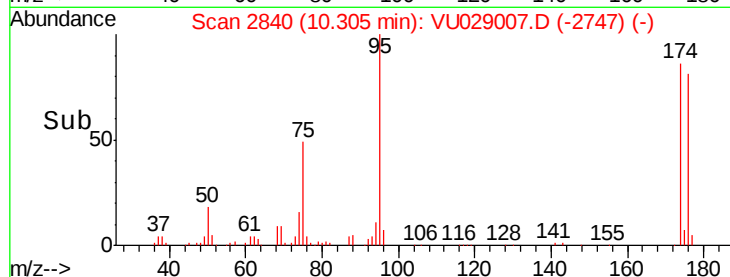
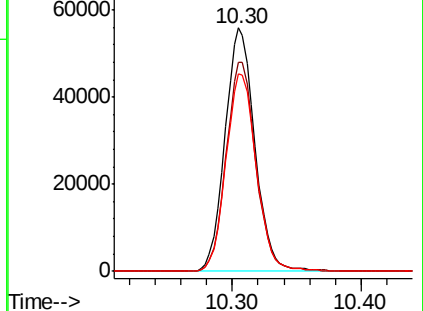
176 82.6 0.0 165.0



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

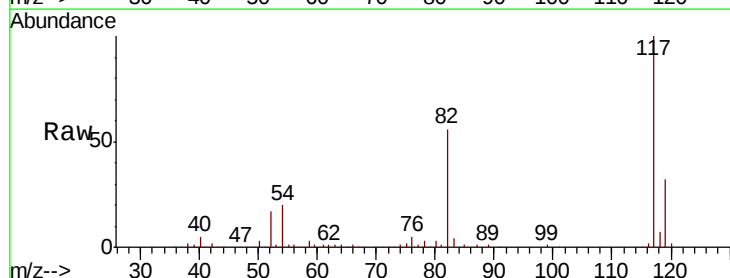
Tgt Ion: 117 Resp: 202560

Ion Ratio Lower Upper

117 100

82 55.5 43.9 65.9

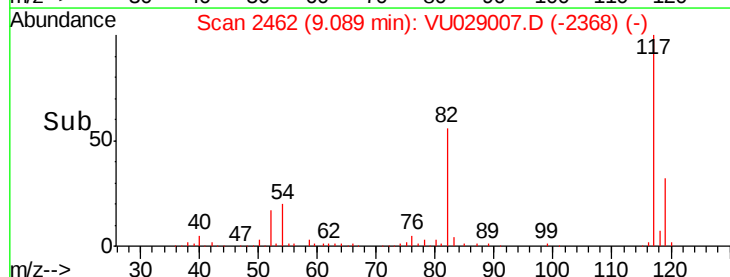
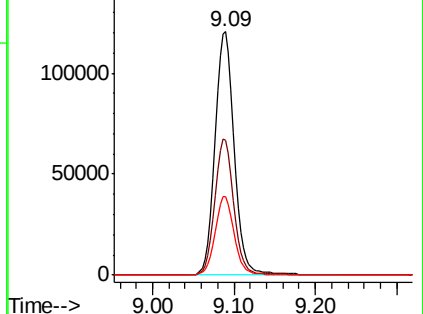
119 32.2 26.0 39.0

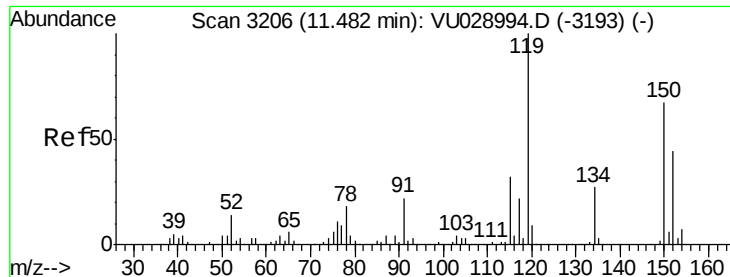


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

Instrument :

MSVOA_U

ClientSampleId :

TP-1

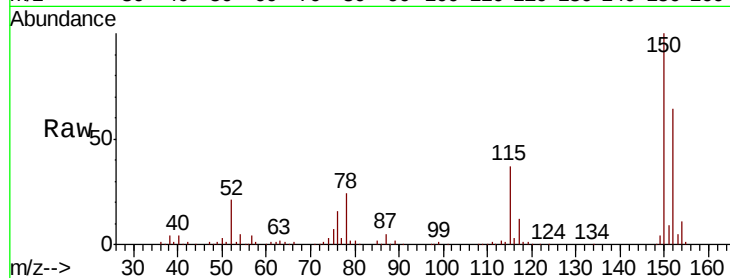
Tgt Ion:152 Resp: 85009

Ion Ratio Lower Upper

152 100

115 57.4 40.1 120.3

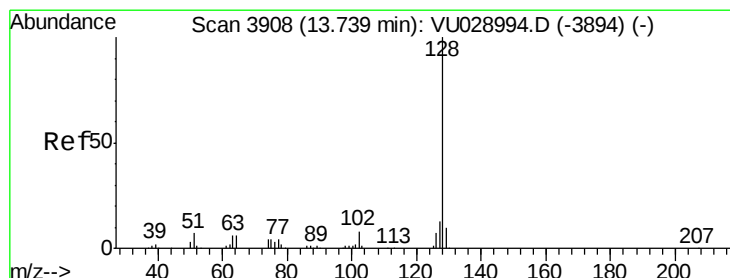
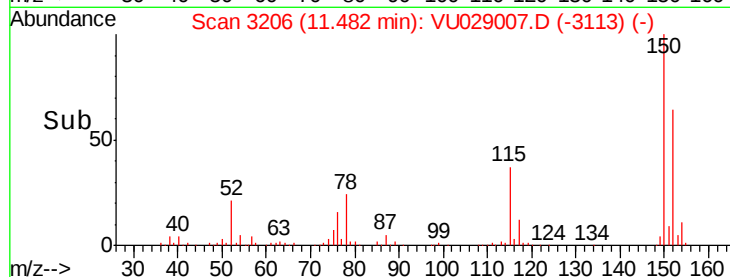
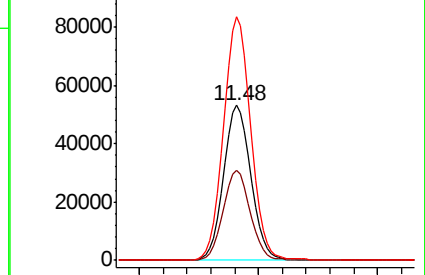
150 156.0 0.0 345.2



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: 12.474 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029007.D

Acq: 03 Jan 2019 19:13

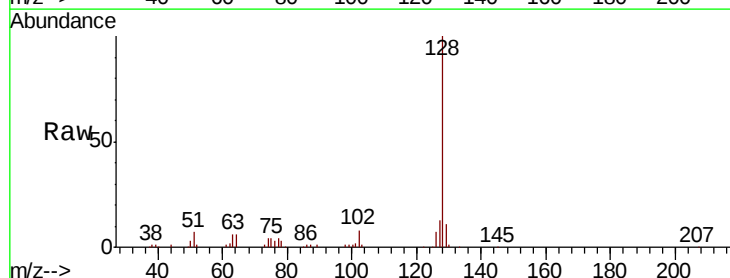
Tgt Ion:128 Resp: 82057

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.1 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

