

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101018\
 Data File : VU027560.D
 Acq On : 10 Oct 2018 10:23
 Operator : MD/SY
 Sample : J5200-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-03-100818-B

Quant Time: Oct 11 05:00:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	140364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	239680	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	208787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	89826	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	109069	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
35) Dibromofluoromethane	4.89	113	78842	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	7.57	98	300684	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	10.31	95	97078	42.49	ug/l	0.00
Spiked Amount			Recovery	=	84.98%	

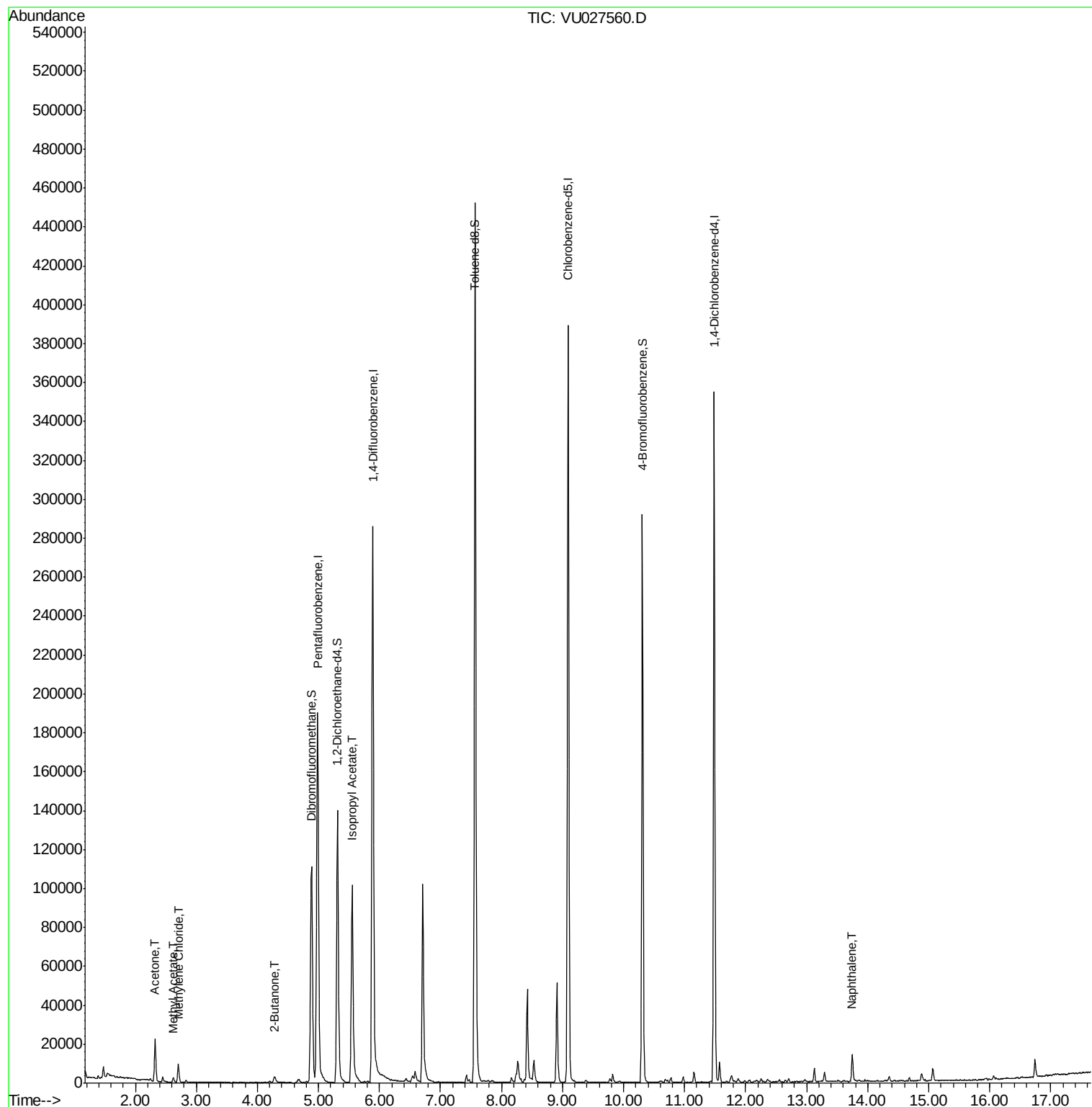
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	22819	16.480	ug/l	99
18) Methyl Acetate	2.62	43	3232	1.023	ug/l	92
20) Methylene Chloride	2.70	84	3901	2.023	ug/l	97
25) 2-Butanone	4.28	43	6210	3.289	ug/l	93
43) Isopropyl Acetate	5.55	43	125141	23.957	ug/l	99
95) Naphthalene	13.75	128	12271	3.407	ug/l	97

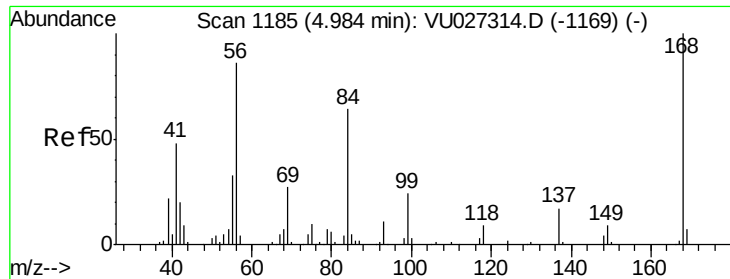
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027560.D

Acq: 10 Oct 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

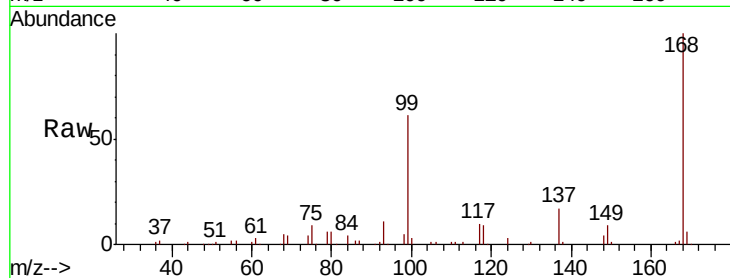
OR-03-100818-B

Tot Ion:168 Resp: 140364

Ion Ratio Lower Upper

168 100

99 61.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027560.D (-1092) (-)

4.99

60000

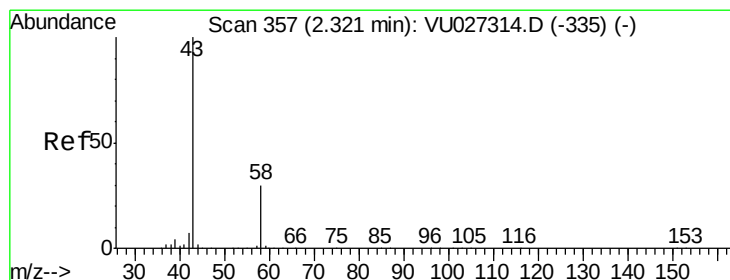
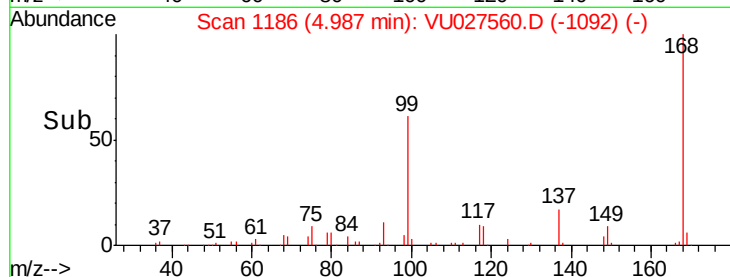
40000

20000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 16.480 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027560.D

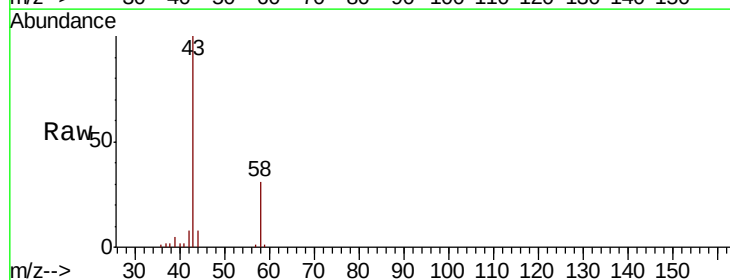
Acq: 10 Oct 2018 10:23

Tgt Ion: 43 Resp: 22819

Ion Ratio Lower Upper

43 100

58 30.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027560.D (-264) (-)

2.32

15000

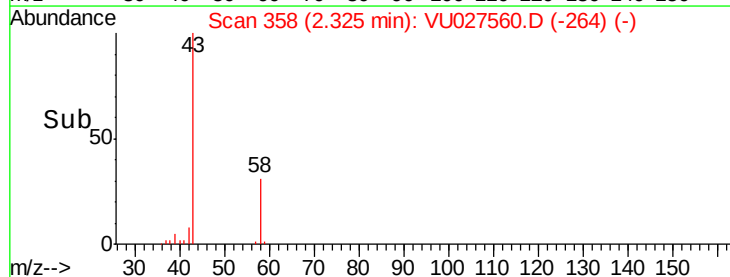
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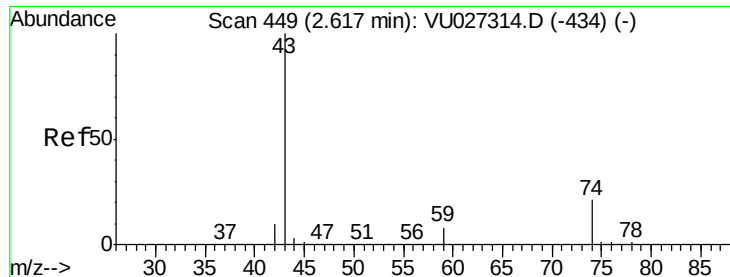
5000

0

2.25 2.30 2.35 2.40

Time-->

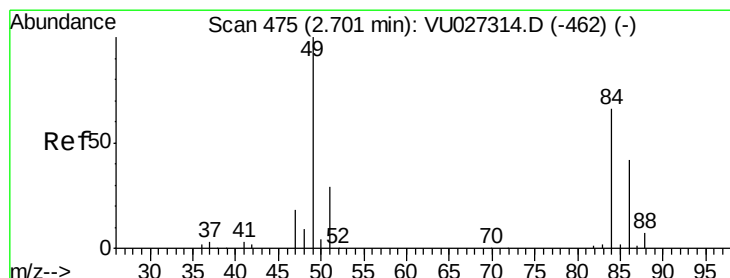
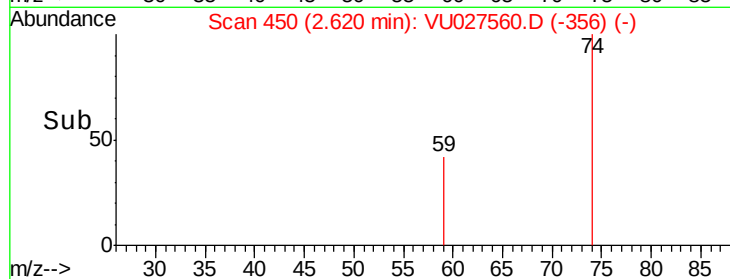
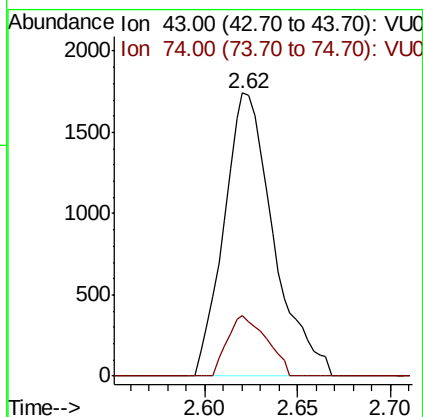
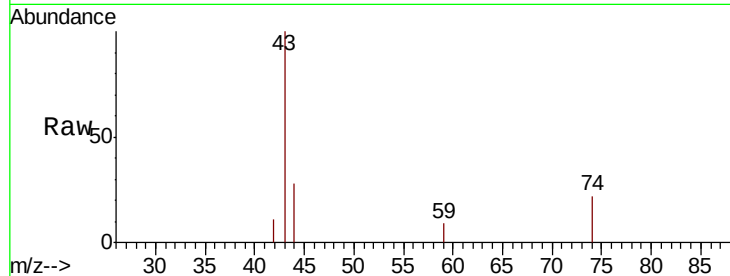




#18
Methvl Acetate
Concen: 1.023 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027560.D
Acq: 10 Oct 2018 10:23

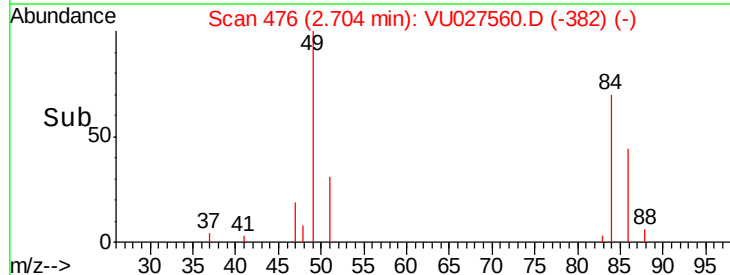
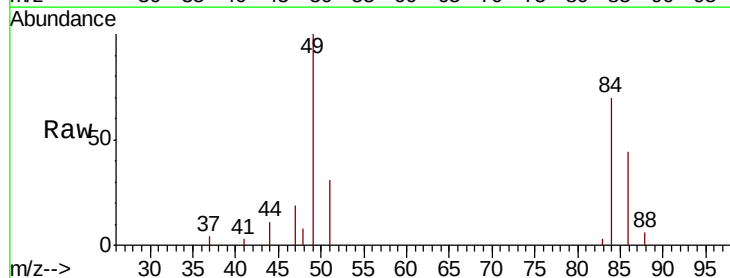
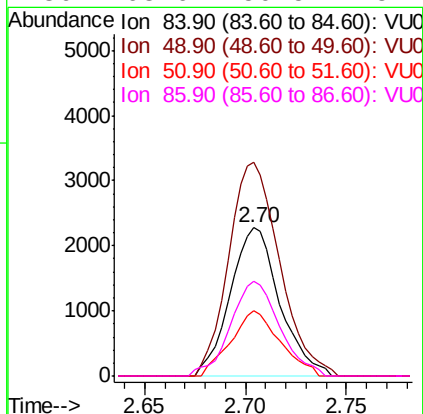
Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-B

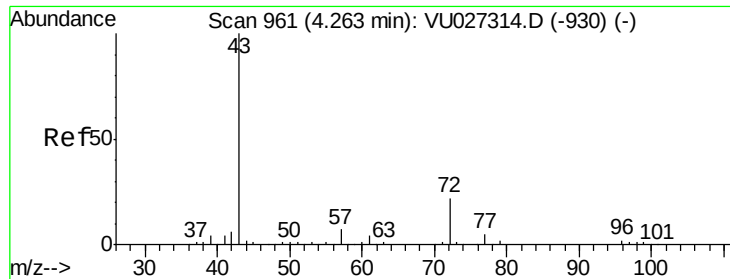
Tot Ion: 43 Resp: 3232
Ion Ratio Lower Upper
43 100
74 17.0 16.5 24.7



#20
Methylene Chloride
Concen: 2.023 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027560.D
Acq: 10 Oct 2018 10:23

Tgt Ion: 84 Resp: 3901
Ion Ratio Lower Upper
84 100
49 143.8 120.5 180.7
51 44.4 35.1 52.7
86 63.6 50.5 75.7





#25

2-Butanone

Concen: 3.289 ug/l

RT: 4.28 min Scan# 966

Delta R.T. 0.02 min

Lab File: VU027560.D

Acq: 10 Oct 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

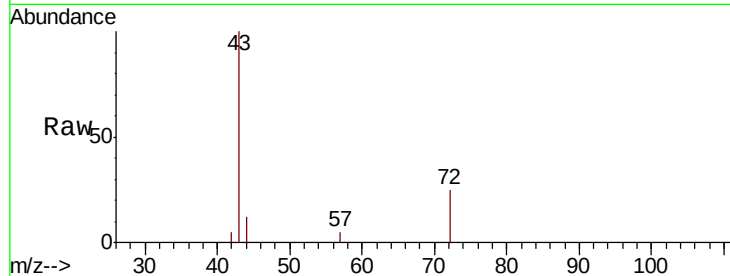
OR-03-100818-B

Tot Ion: 43 Resp: 6210

Ion Ratio Lower Upper

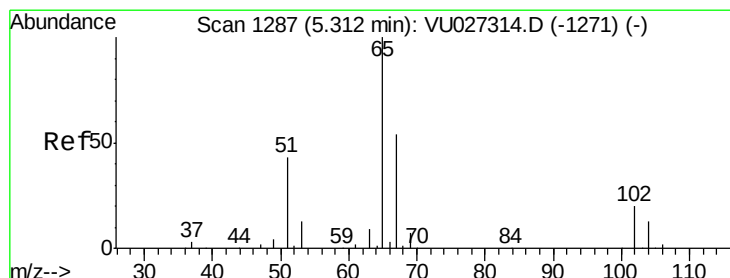
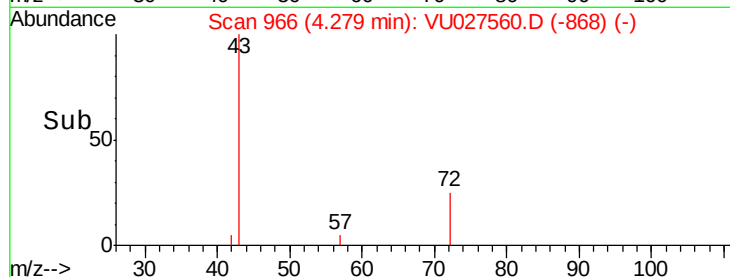
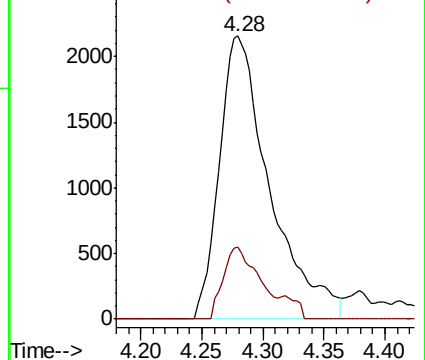
43 100

72 25.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 46.534 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027560.D

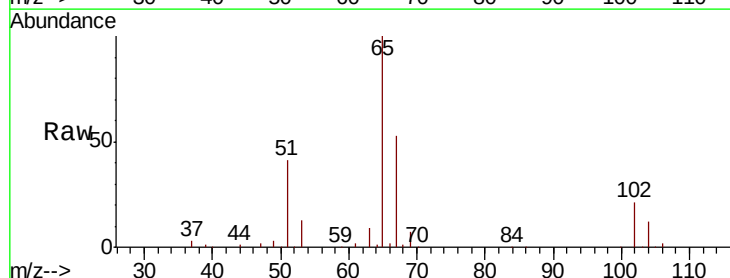
Acq: 10 Oct 2018 10:23

Tgt Ion: 65 Resp: 109069

Ion Ratio Lower Upper

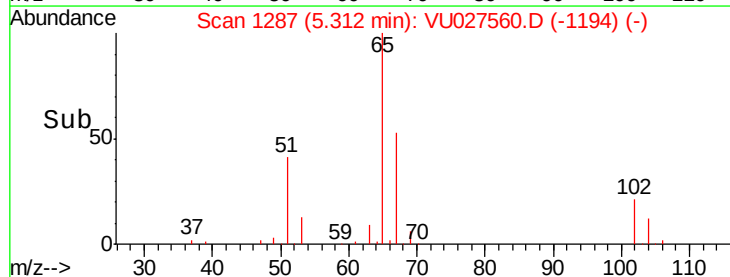
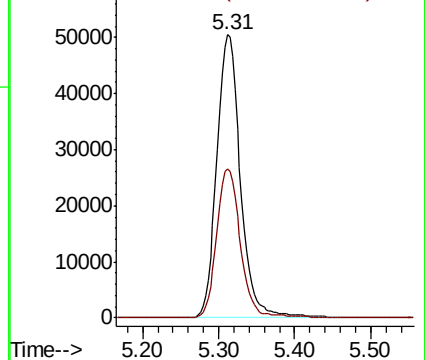
65 100

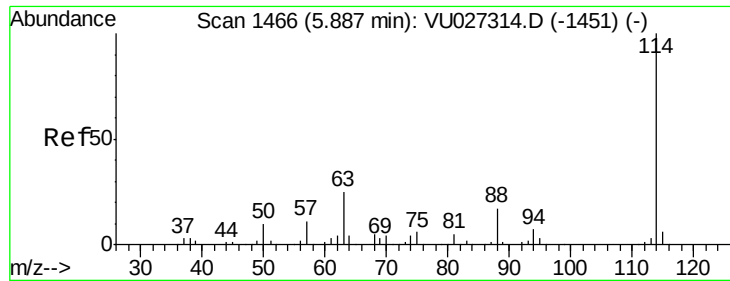
67 52.1 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

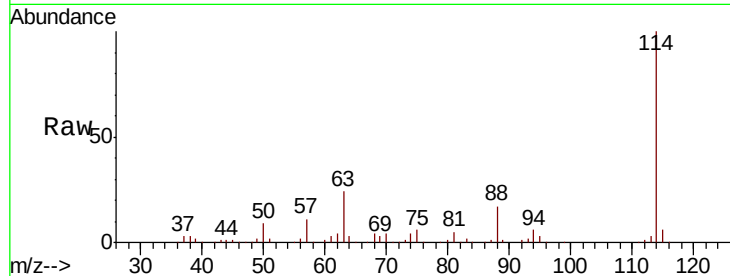




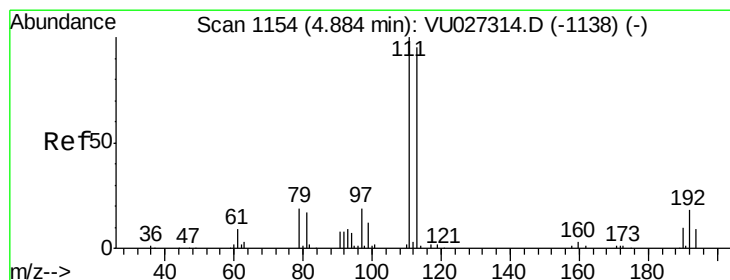
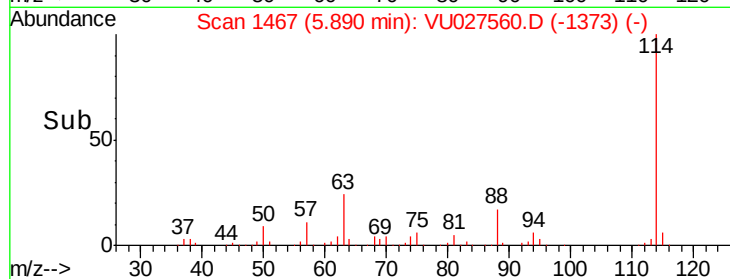
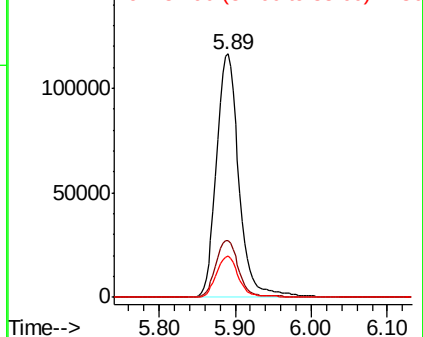
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VU027560.D
Acq: 10 Oct 2018 10:23

Instrument :
MSVOA_U
ClientSampleId :
OR-03-100818-B

Tot Ion:114 Resp: 239680
Ion Ratio Lower Upper
114 100
63 23.5 0.0 50.2
88 16.7 0.0 33.8

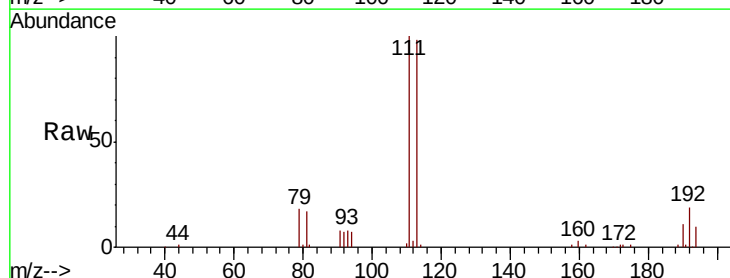


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

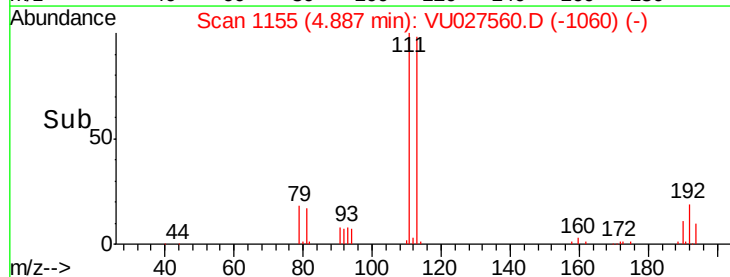
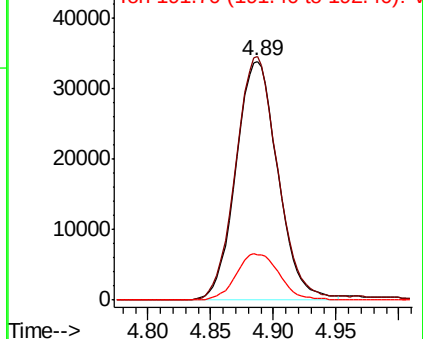


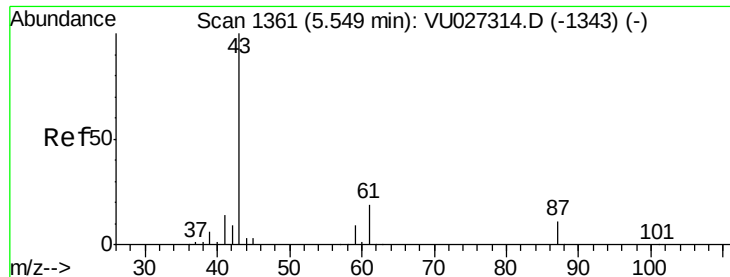
#35
Dibromofluoromethane
Concen: 47.998 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027560.D
Acq: 10 Oct 2018 10:23

Tgt Ion:113 Resp: 78842
Ion Ratio Lower Upper
113 100
111 102.3 83.1 124.7
192 19.9 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: 23.957 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027560.D

Acq: 10 Oct 2018 10:23

Instrument :

MSVOA_U

ClientSampleId :

OR-03-100818-B

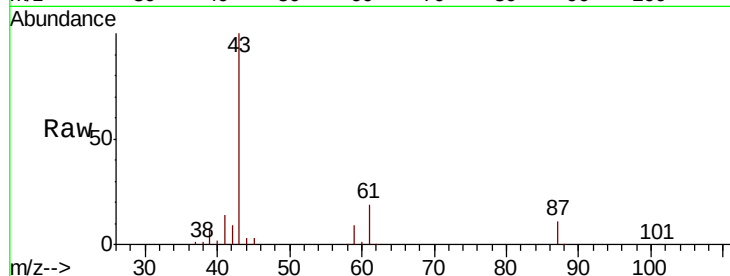
Tot Ion: 43 Resp: 125141

Ion Ratio Lower Upper

43 100

61 19.5 15.3 22.9

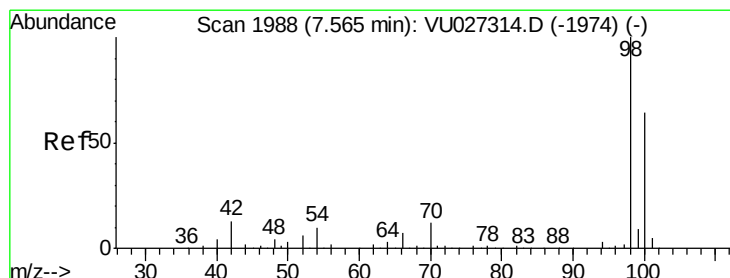
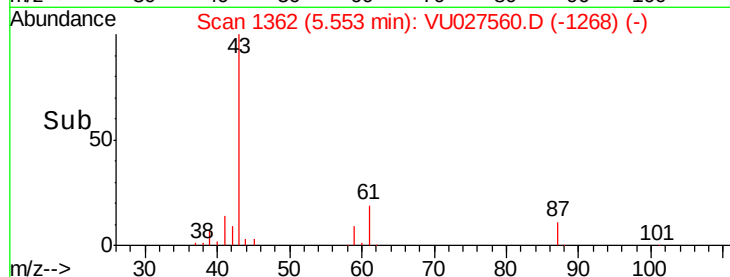
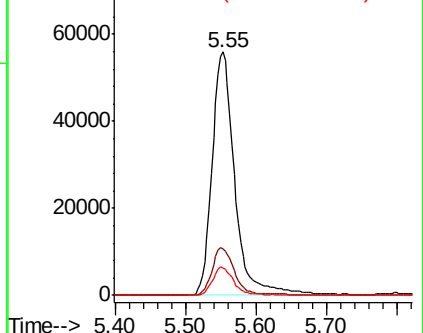
87 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#50

Toluene-d8

Concen: 48.910 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027560.D

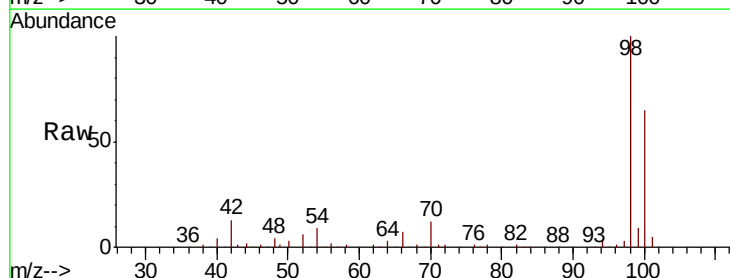
Acq: 10 Oct 2018 10:23

Tgt Ion: 98 Resp: 300684

Ion Ratio Lower Upper

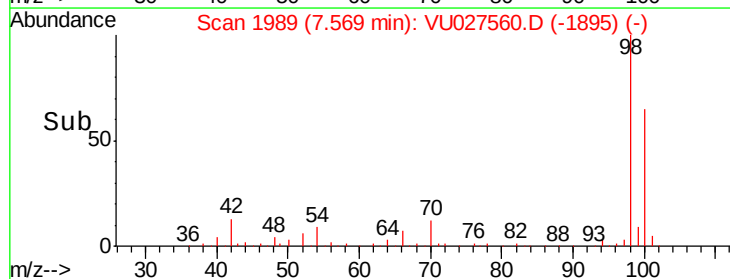
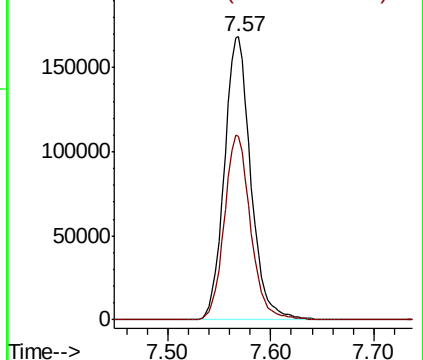
98 100

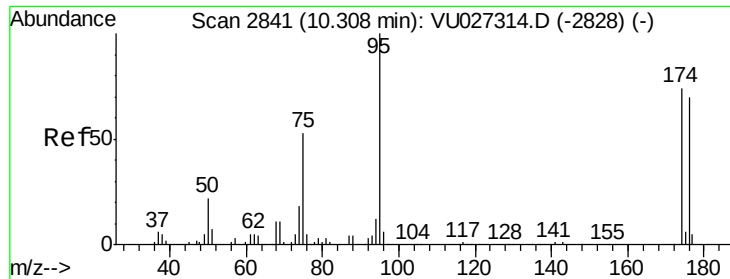
100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

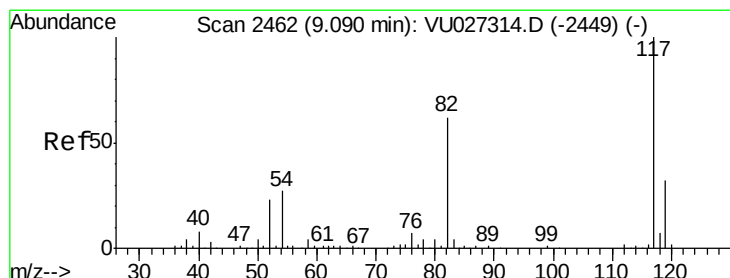
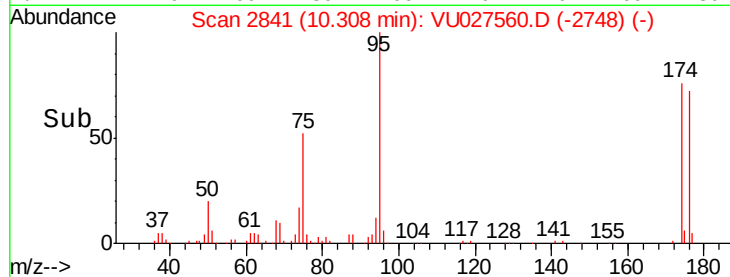
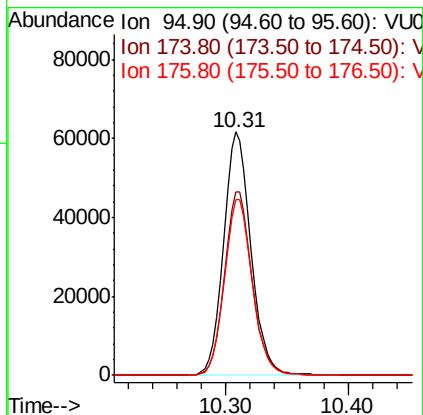
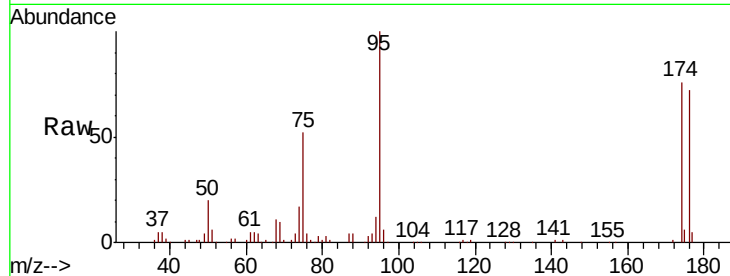




#62
 4-Bromofluorobenzene
 Concen: 42.490 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027560.D
 Acq: 10 Oct 2018 10:23

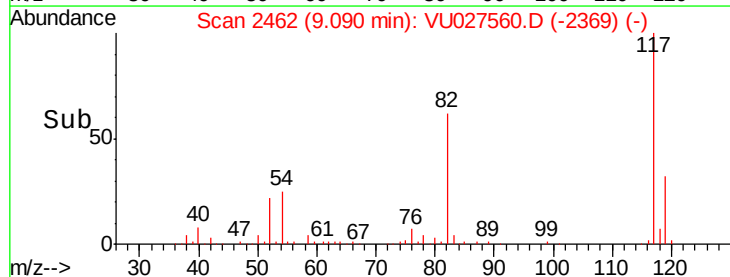
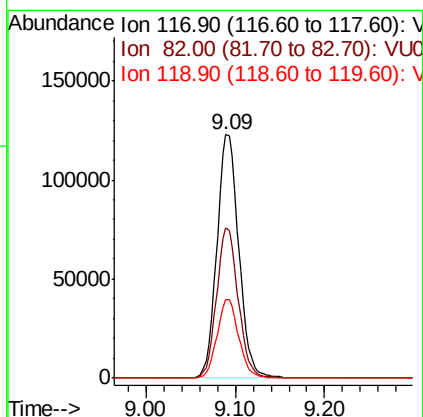
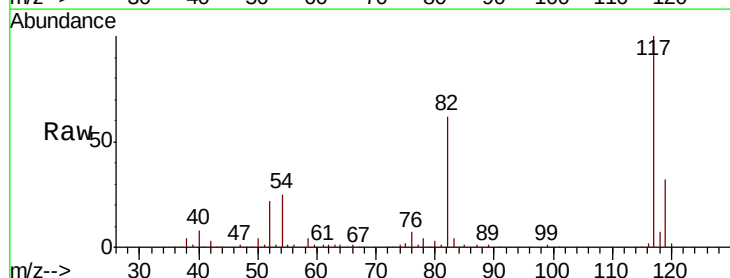
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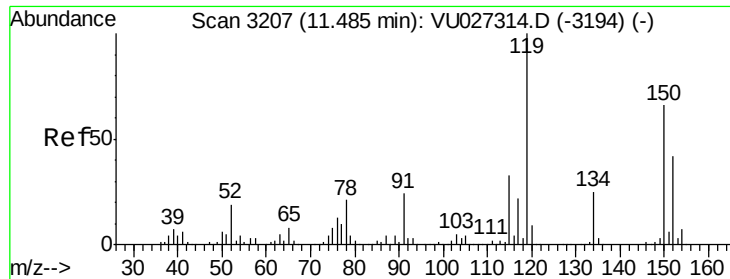
Tot Ion: 95 Resp: 97078
 Ion Ratio Lower Upper
 95 100
 174 76.1 0.0 147.8
 176 73.5 0.0 140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU027560.D
 Acq: 10 Oct 2018 10:23

Tgt Ion: 117 Resp: 208787
 Ion Ratio Lower Upper
 117 100
 82 61.7 49.2 73.8
 119 32.1 25.7 38.5

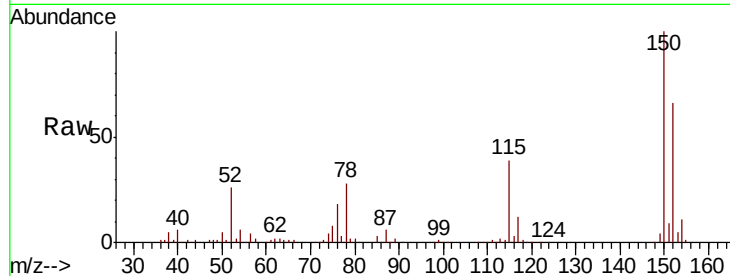




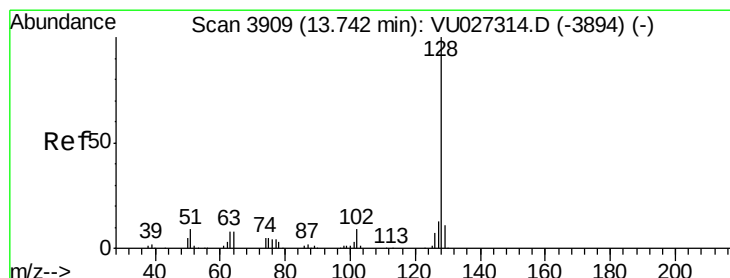
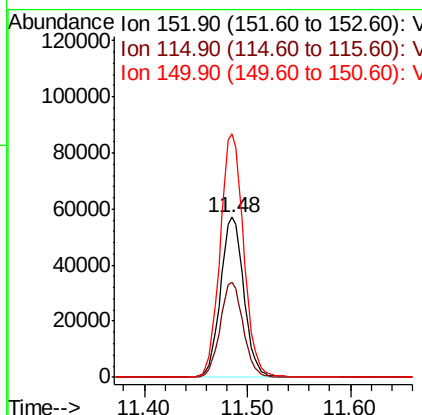
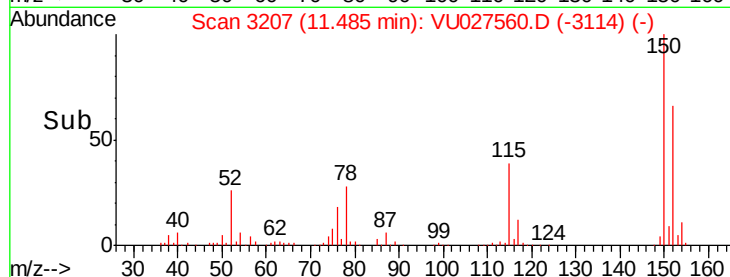
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU027560.D
 Acq: 10 Oct 2018 10:23

Instrument :
 MSVOA_U
 ClientSampleId :
 OR-03-100818-B

Tot Ion:152 Resp: 89826
 Ion Ratio Lower Upper
 152 100
 115 58.4 43.4 130.2
 150 153.0 0.0 349.2

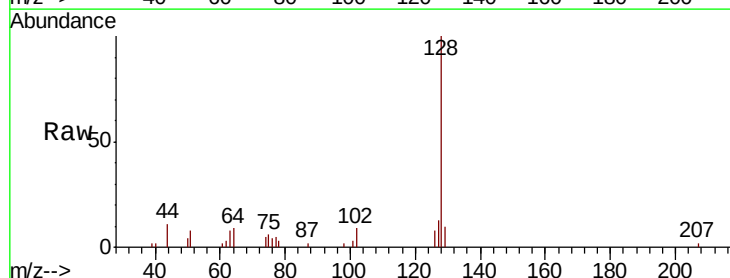


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 3.407 ug/l
 RT: 13.75 min Scan# 3911
 Delta R.T. 0.01 min
 Lab File: VU027560.D
 Acq: 10 Oct 2018 10:23

Tgt Ion:128 Resp: 12271
 Ion Ratio Lower Upper
 128 100
 127 11.9 10.5 15.7
 129 9.8 8.6 12.8



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

