

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024527.D
 Acq On : 14 Jun 2018 10:20
 Operator : MD/SY
 Sample : VU0614WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0614WBL01

Quant Time: Jun 15 02:04:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	175648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	294118	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160699	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	132667	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
35) Dibromofluoromethane	4.89	113	119261	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	7.57	98	429797	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
62) 4-Bromofluorobenzene	10.31	95	166188	47.01	ug/l	0.00
Spiked Amount			Recovery	=	94.02%	

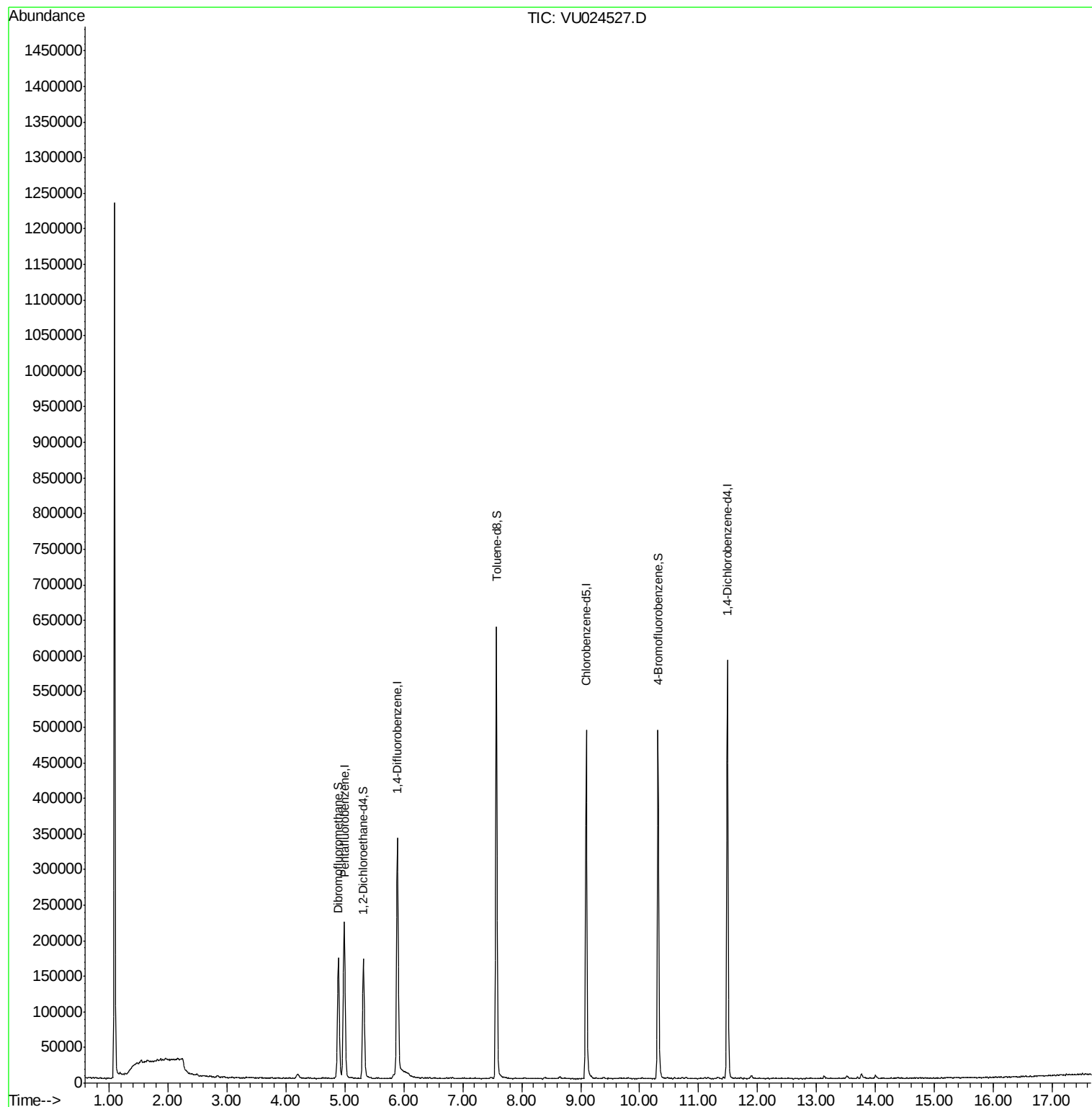
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024527.D

Acq: 14 Jun 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

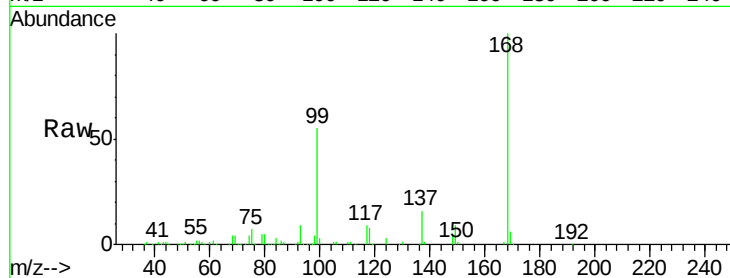
VU0614WBL01

Tot Ion:168 Resp: 175648

Ion Ratio Lower Upper

168 100

99 54.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024527.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024527.D (-1351) (-)

4.99

80000

60000

40000

20000

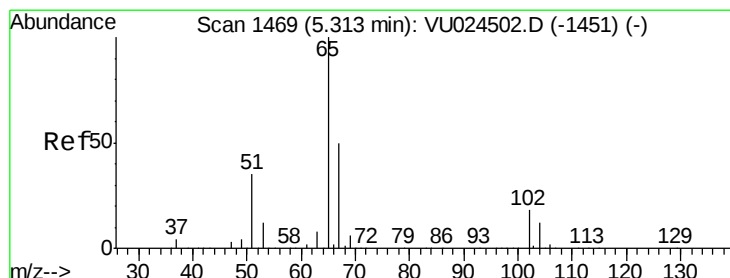
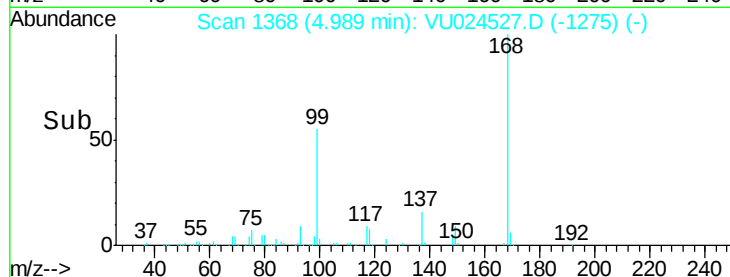
0

Time-->

4.90

5.00

5.10



#33

1,2-Dichloroethane-d4

Concen: 46.266 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024527.D

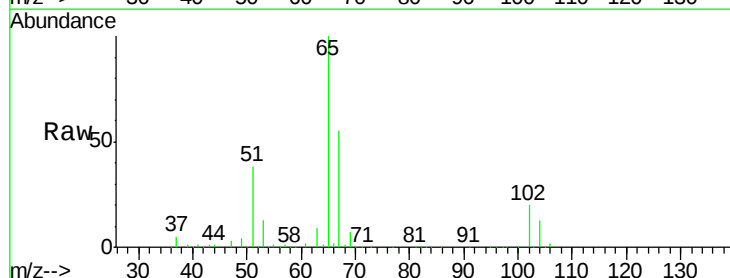
Acq: 14 Jun 2018 10:20

Tgt Ion: 65 Resp: 132667

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024527.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024527.D (-1451) (-)

5.31

60000

40000

20000

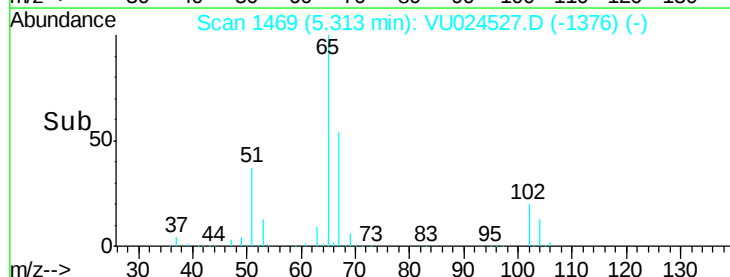
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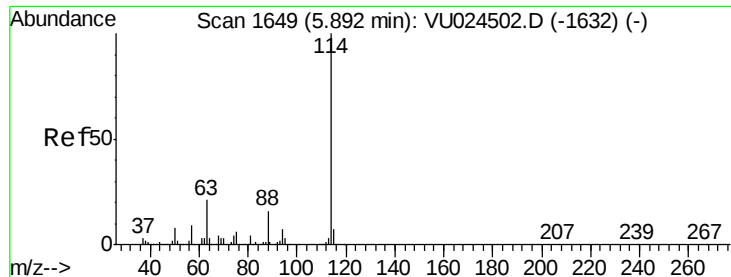
Time-->

5.20

5.30

5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024527.D

Acq: 14 Jun 2018 10:20

Instrument :

MSVOA_U

ClientSampleId :

VU0614WBL01

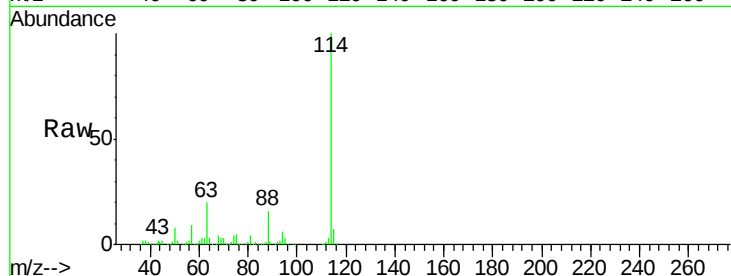
Tot Ion:114 Resp: 294118

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

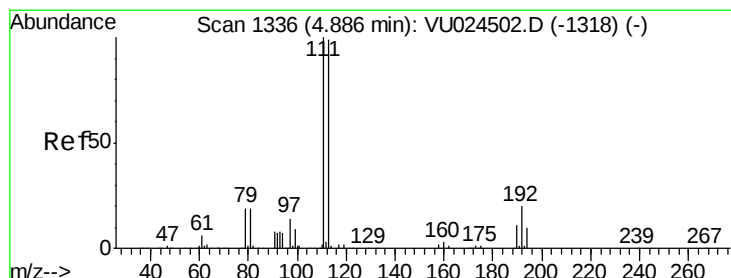
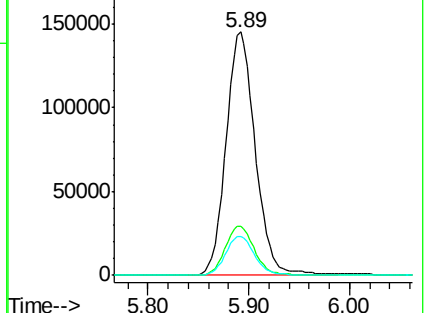
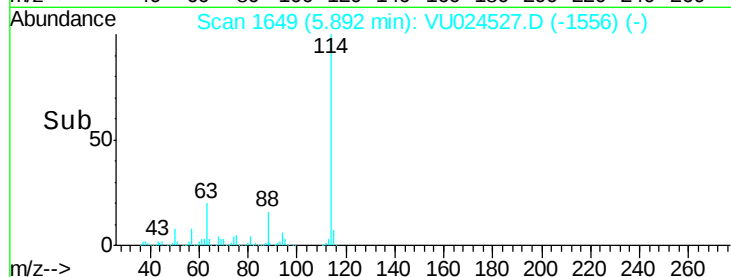
88 16.1 0.0 31.0



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: 48.858 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024527.D

Acq: 14 Jun 2018 10:20

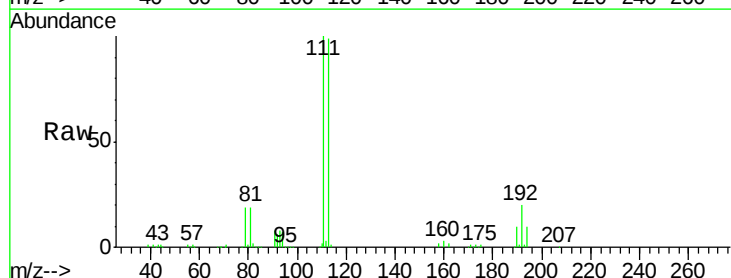
Tgt Ion:113 Resp: 119261

Ion Ratio Lower Upper

113 100

111 100.0 82.2 123.4

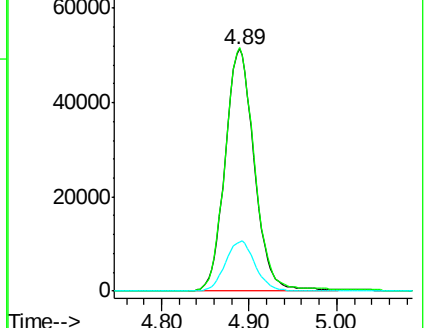
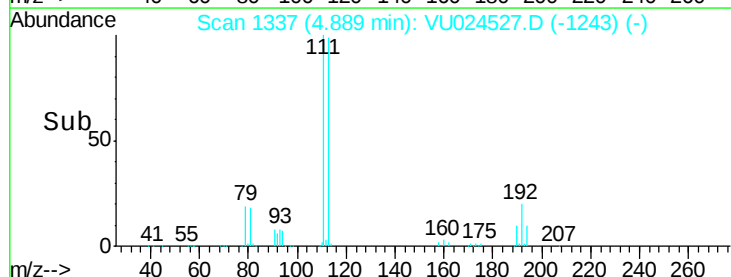
192 20.9 16.2 24.4

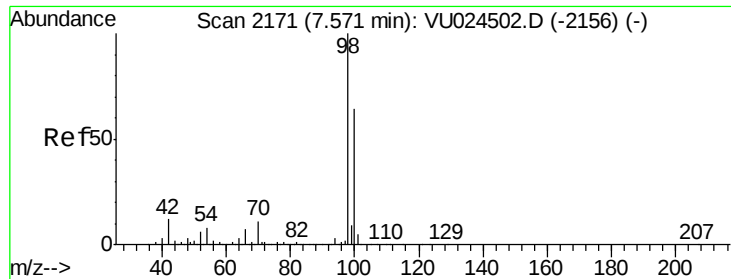


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.272 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024527.D

Acq: 14 Jun 2018 10:20

Instrument :

MSVOA_U

ClientSampled :

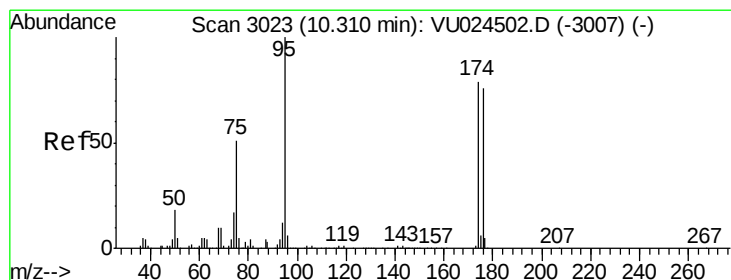
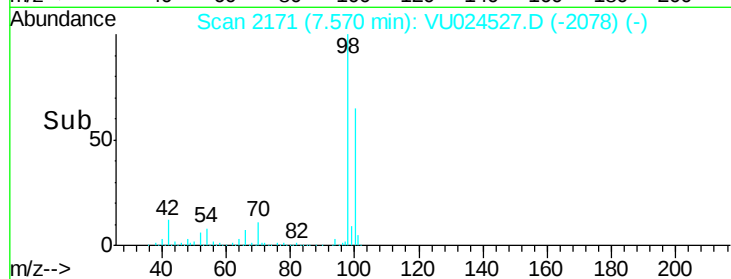
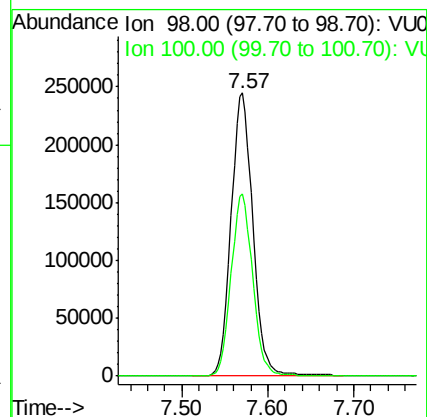
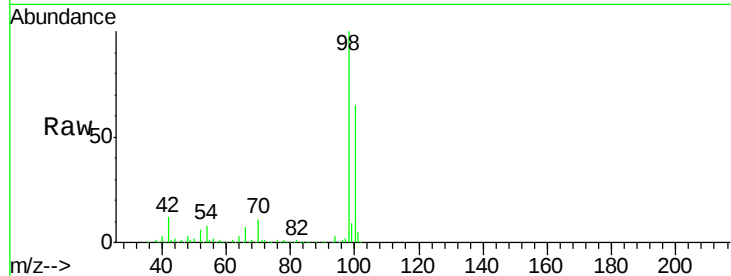
VU0614WBL01

Tot Ion: 98 Resp: 429797

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 47.011 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU024527.D

Acq: 14 Jun 2018 10:20

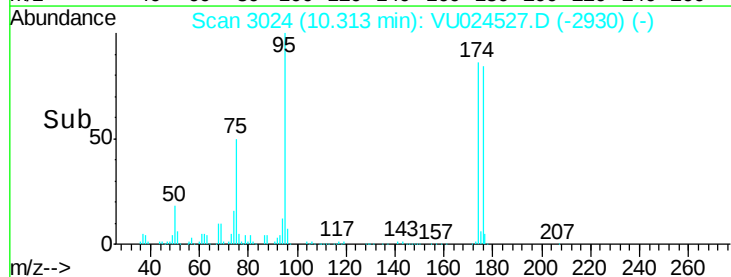
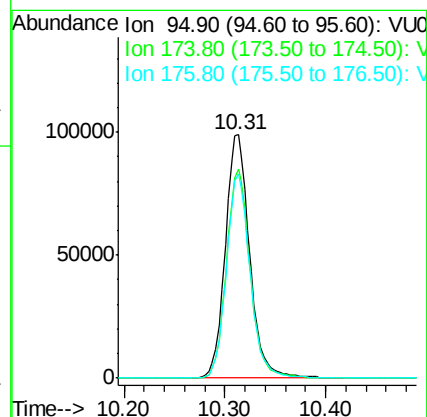
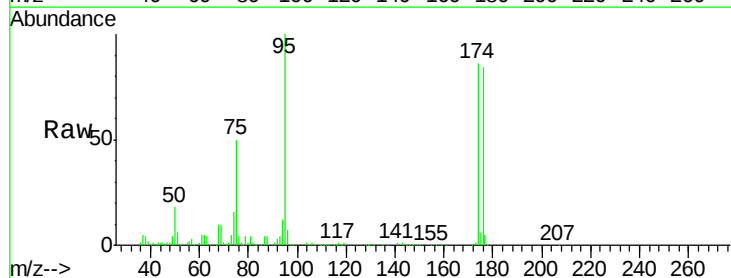
Tgt Ion: 95 Resp: 166188

Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

176 82.1 0.0 159.4

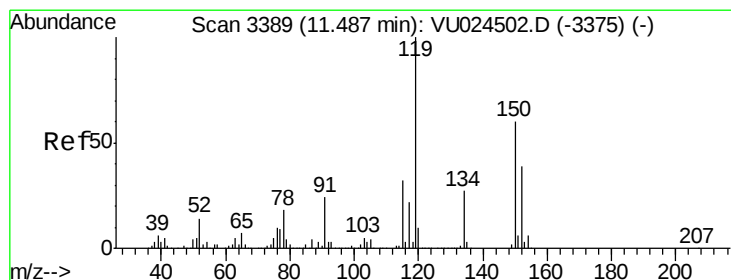
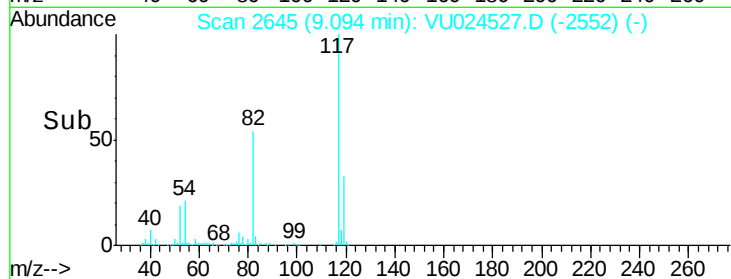
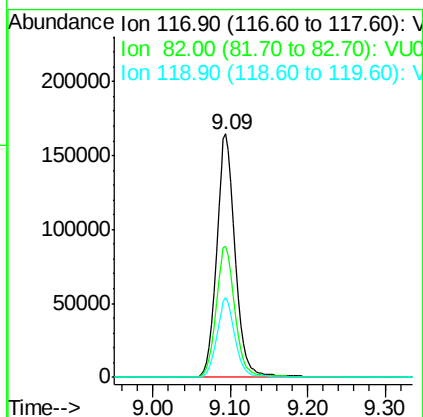
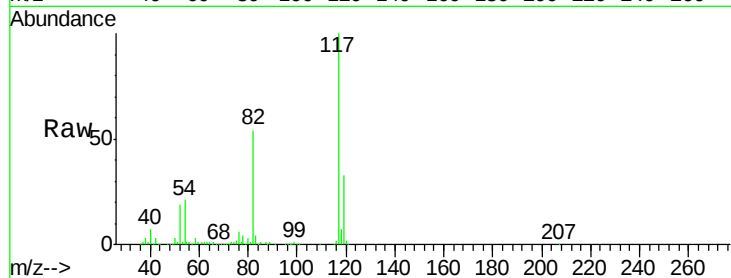




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024527.D
Acq: 14 Jun 2018 10:20

Instrument :
MSVOA_U
ClientSampleId :
VU0614WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.3	66.5
119	32.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024527.D
Acq: 14 Jun 2018 10:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	43.0	129.0
150	155.5	0.0	354.0

