

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029031.D
 Acq On : 04 Jan 2019 16:41
 Operator : MD/SY
 Sample : K1054-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-6

Quant Time: Jan 05 04:19:27 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	114410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	199764	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72135	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	76463	54.06	ug/l	0.00
Spiked Amount			Recovery	=	108.12%	
35) Dibromofluoromethane	4.88	113	67171	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
50) Toluene-d8	7.56	98	248556	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	10.31	95	78785	42.88	ug/l	0.00
Spiked Amount			Recovery	=	85.76%	

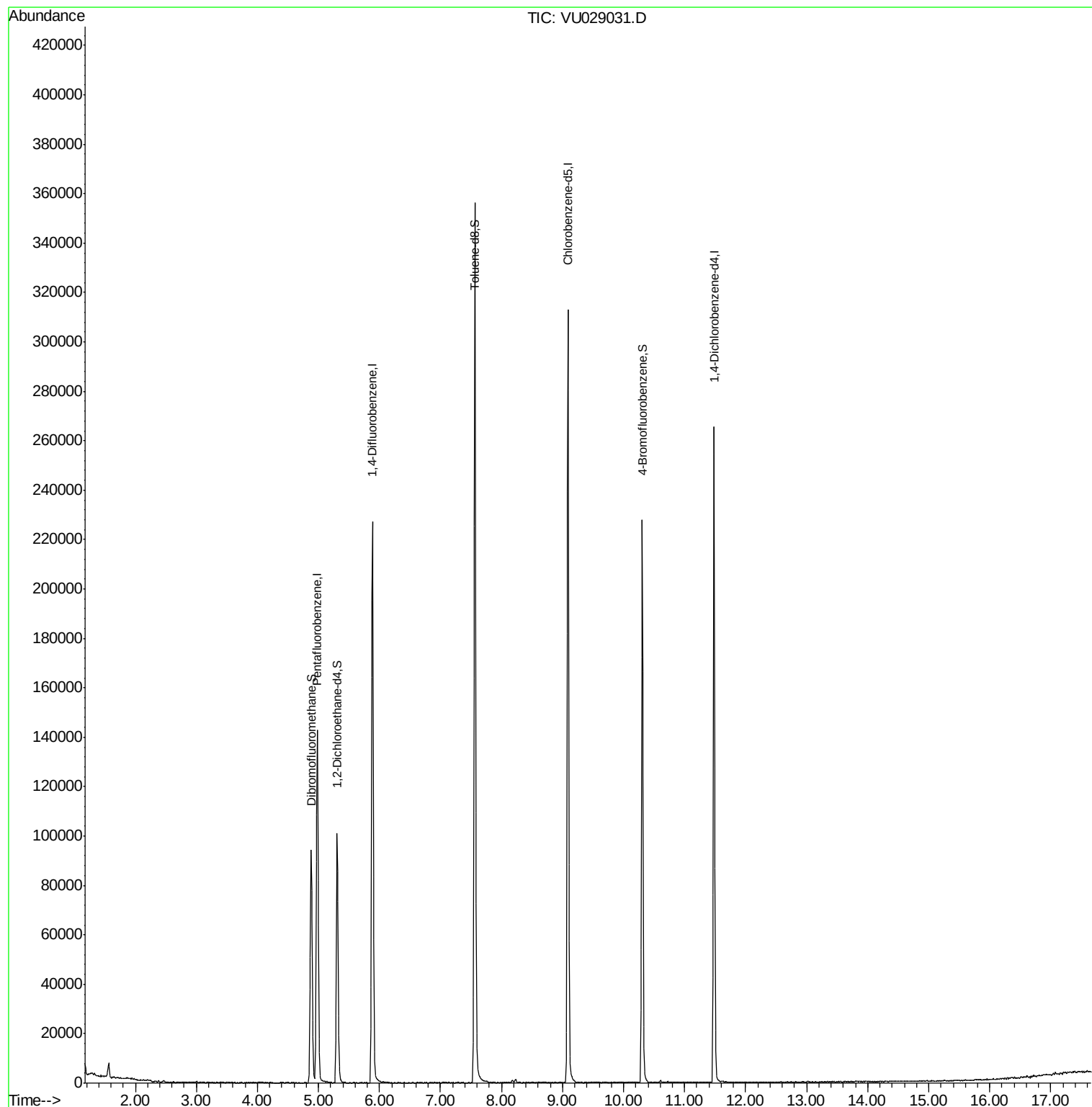
Target Compounds	Qvalue
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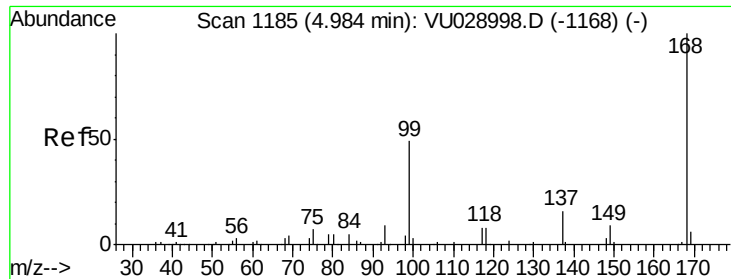
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029031.D

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Instrument :

MSVOA_U

ClientSampleId :

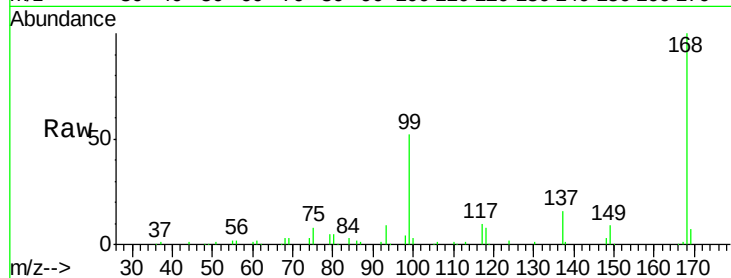
RW-6

Tot Ion:168 Resp: 114410

Ion Ratio Lower Upper

168 100

99 52.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

60000

50000

40000

30000

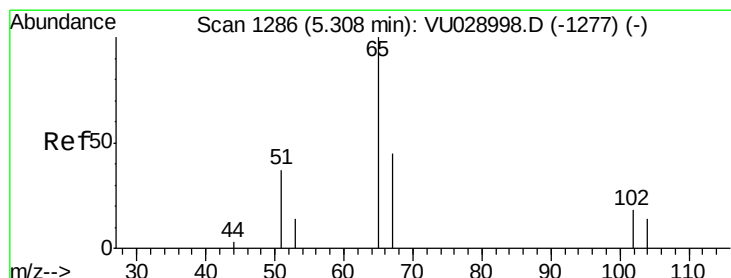
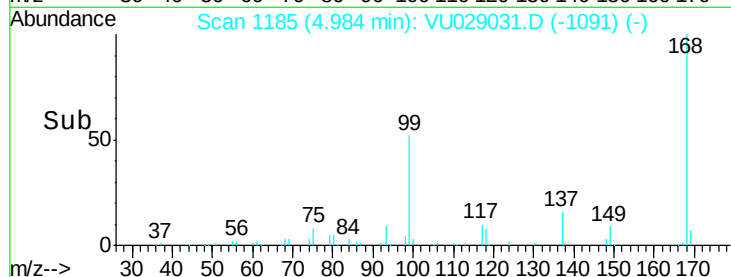
20000

10000

0

Time-->

4.90 4.95 5.00 5.05



#33

1,2-Dichloroethane-d4

Concen: 54.063 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029031.D

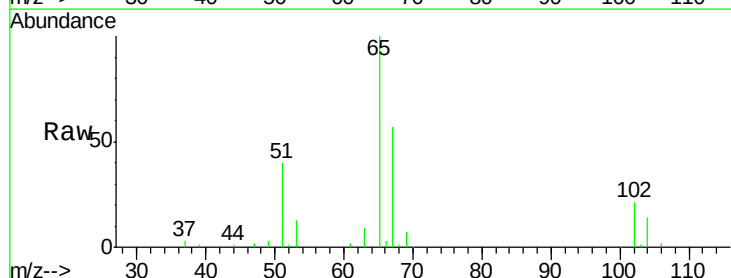
Acq: 04 Jan 2019 16:41

Tgt Ion: 65 Resp: 76463

Ion Ratio Lower Upper

65 100

67 56.1 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU028998.D (-1277) (-)

Ion 66.90 (66.60 to 67.60): VU028998.D (-1277) (-)

5.31

40000

30000

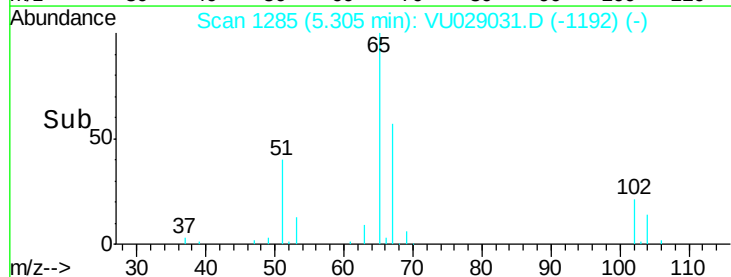
20000

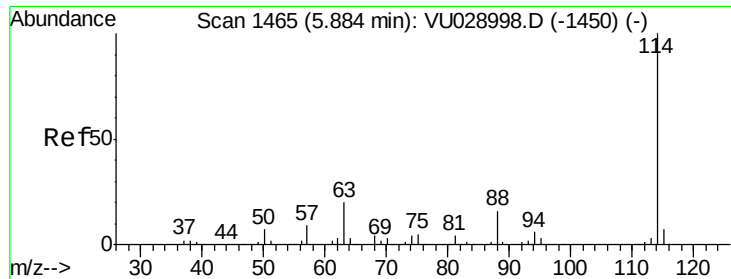
10000

0

Time-->

5.20 5.25 5.30 5.35 5.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029031.D

Acq: 04 Jan 2019 16:41

Instrument :

MSVOA_U

ClientSampleId :

RW-6

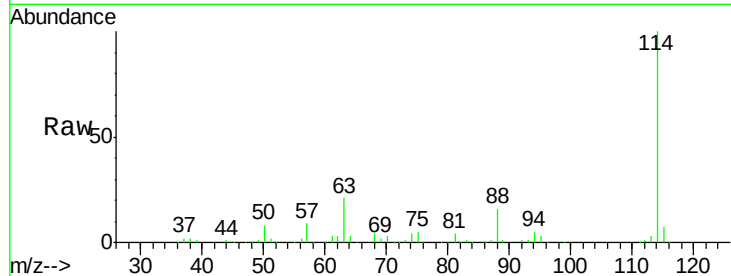
Tot Ion:114 Resp: 199764

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.2

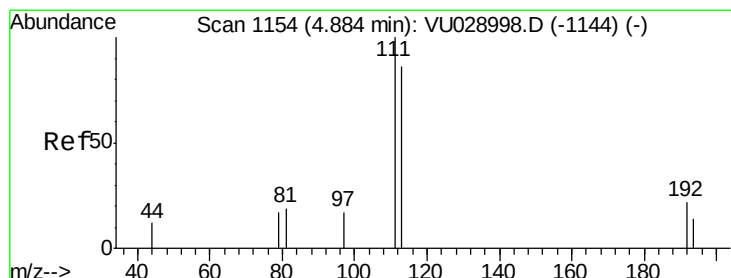
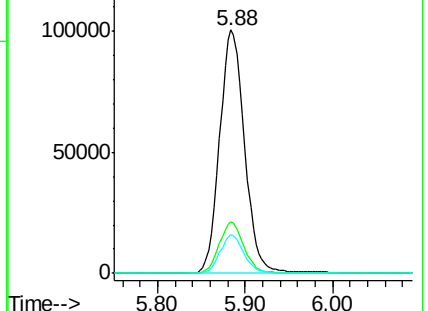
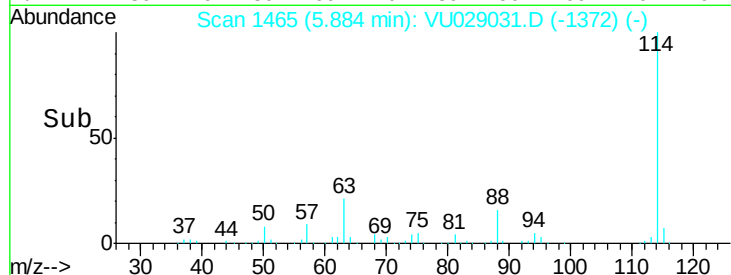
88 15.9 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 51.872 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029031.D

Acq: 04 Jan 2019 16:41

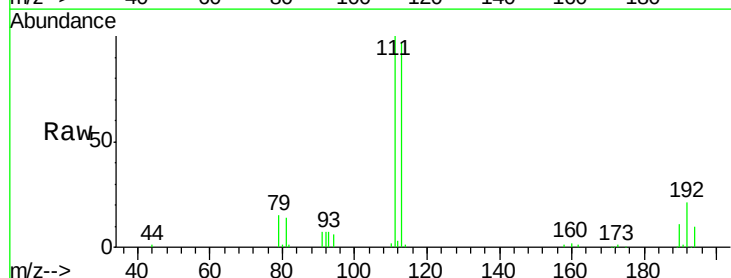
Tgt Ion:113 Resp: 67171

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.2

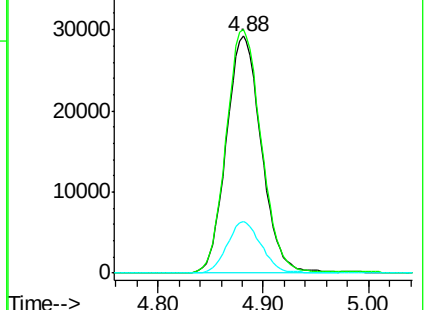
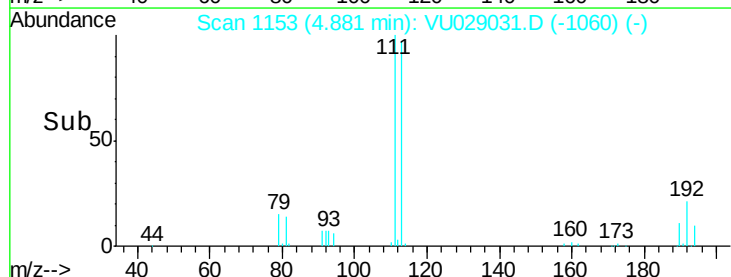
192 21.0 16.8 25.2

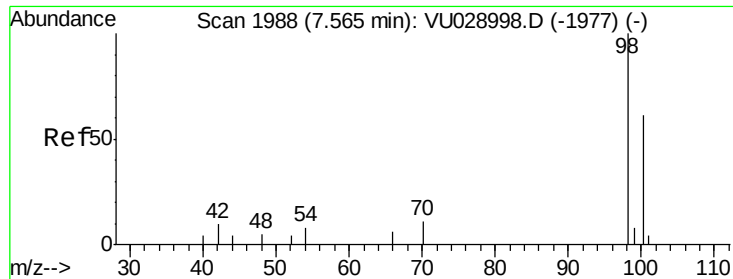


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

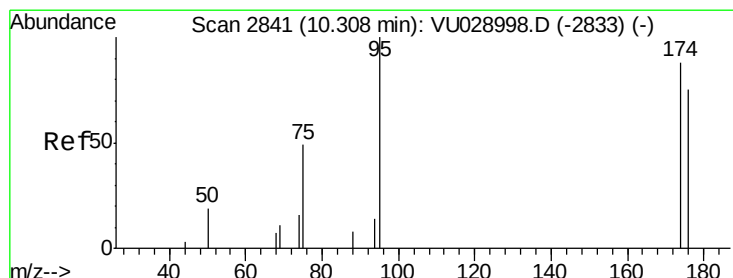
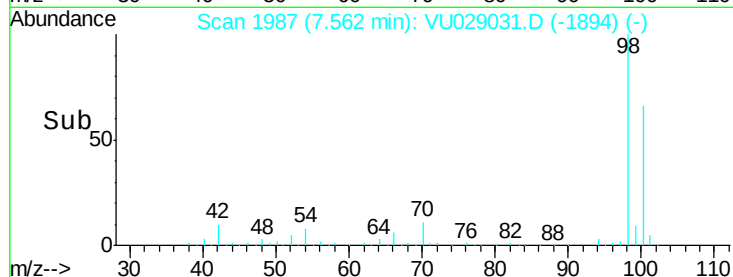
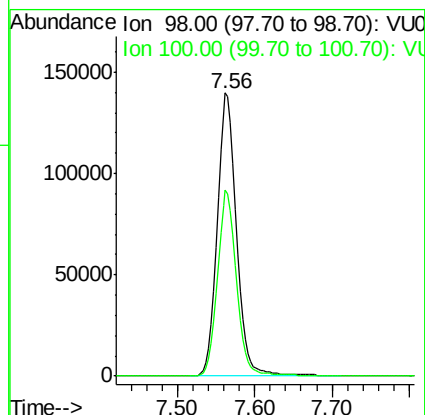
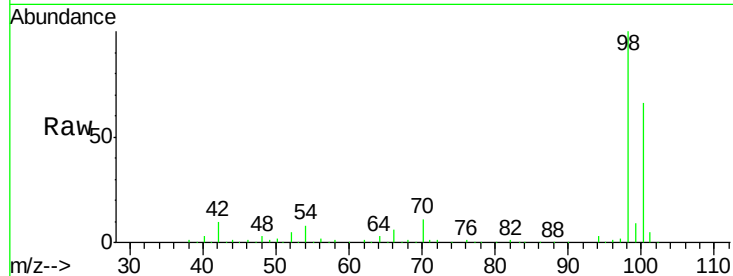




#50
Toluene-d8
Concen: 48.620 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029031.D
Acq: 04 Jan 2019 16:41

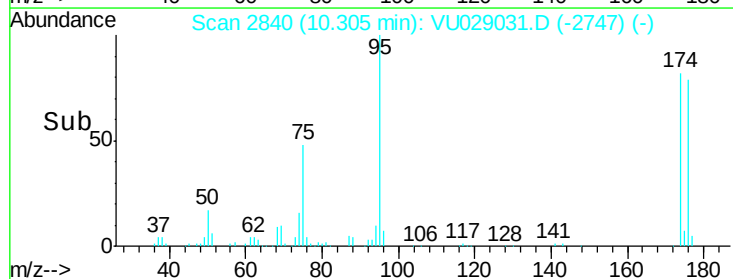
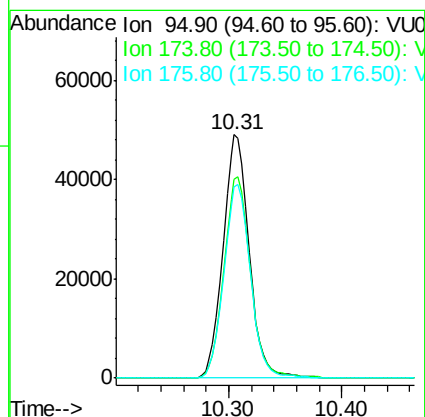
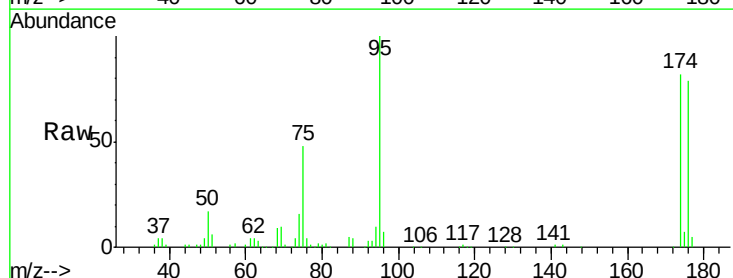
Instrument :
MSVOA_U
ClientSampleId :
RW-6

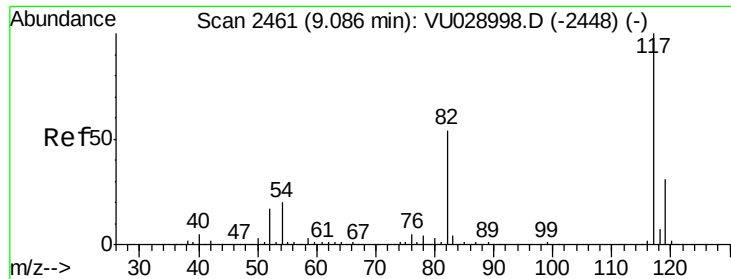
Tot Ion: 98 Resp: 248556
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.882 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029031.D
Acq: 04 Jan 2019 16:41

Tgt Ion: 95 Resp: 78785
Ion Ratio Lower Upper
95 100
174 84.3 0.0 170.6
176 80.9 0.0 165.0

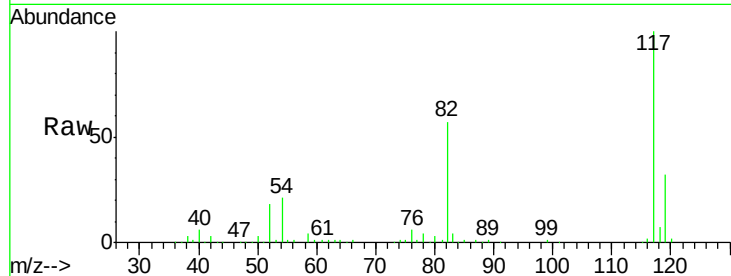




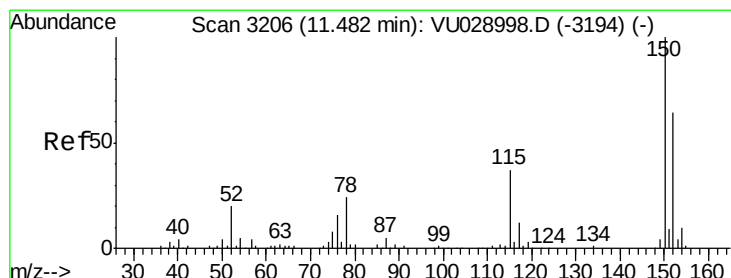
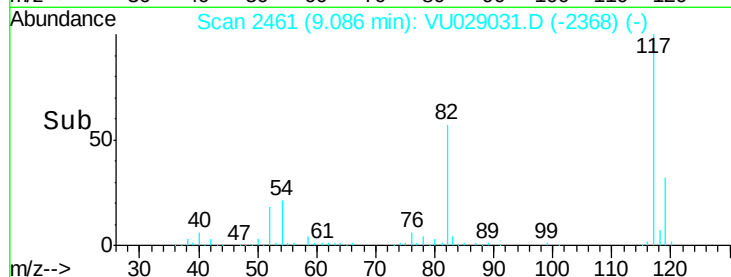
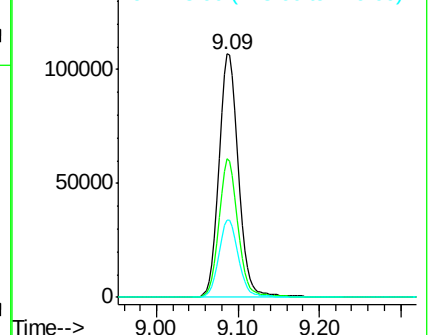
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VU029031.D
 Acq: 04 Jan 2019 16:41

Instrument :
 MSVOA_U
 ClientSampleID :
 RW-6

Tot Ion:117 Resp: 182280
 Ion Ratio Lower Upper
 117 100
 82 56.8 43.9 65.9
 119 31.9 26.0 39.0

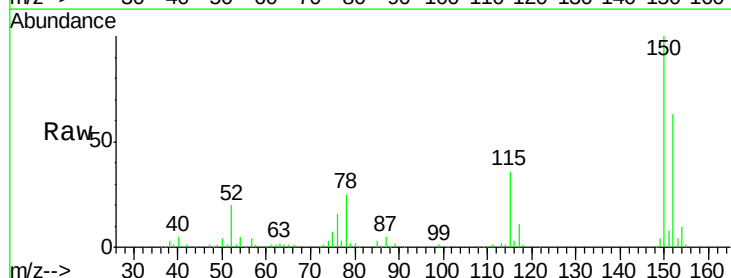


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU029031.D
 Acq: 04 Jan 2019 16:41

Tgt Ion:152 Resp: 72135
 Ion Ratio Lower Upper
 152 100
 115 56.8 40.1 120.3
 150 157.7 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

