

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027276.D
 Acq On : 28 Sep 2018 17:01
 Operator : MD/SY
 Sample : J5041-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0250

Quant Time: Sep 29 00:01:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	124530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	205727	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	194890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	95796	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	112028	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	4.88	113	81367	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
50) Toluene-d8	7.57	98	322162	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	10.31	95	108175	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

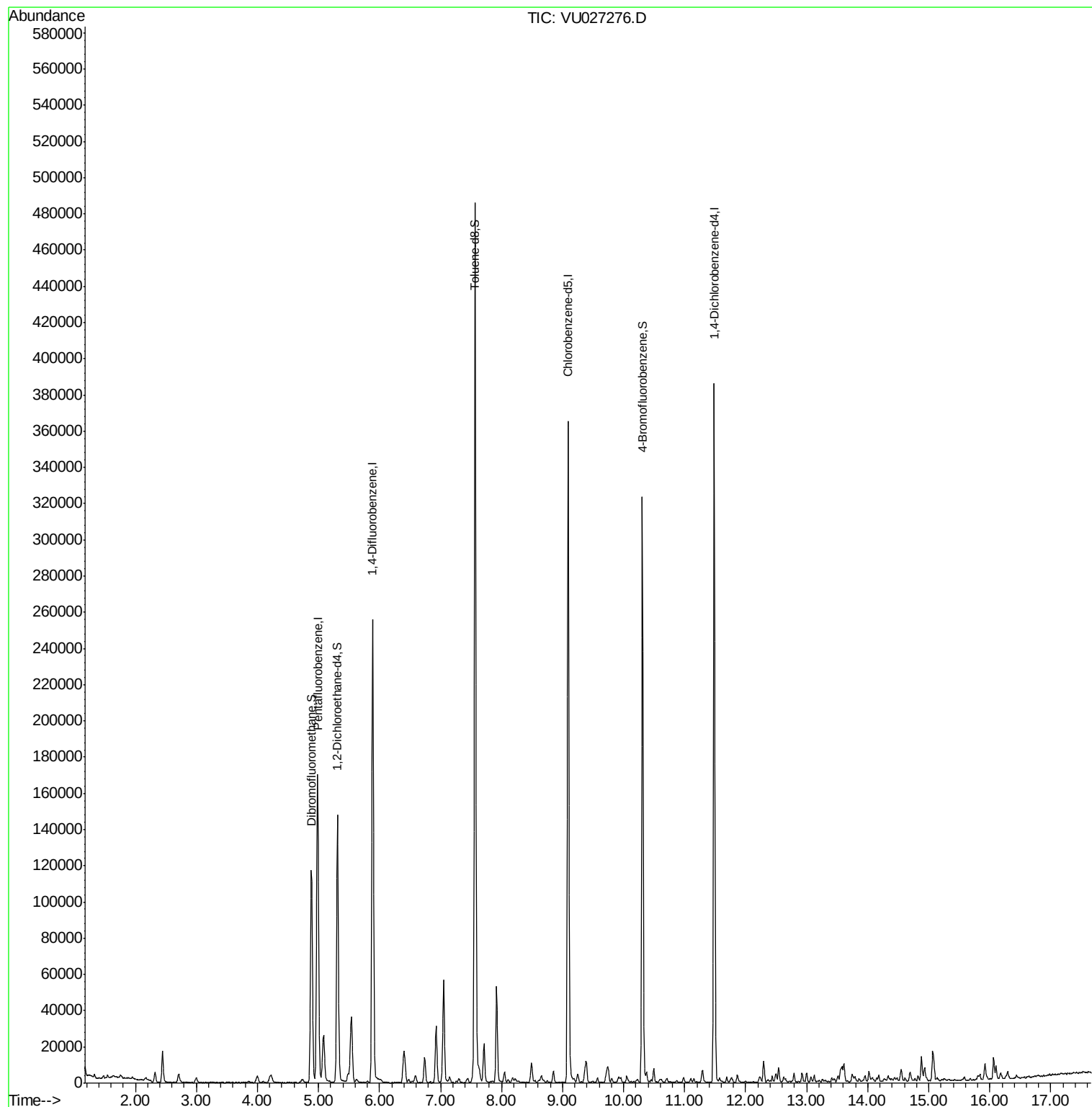
Target Compounds	Qvalue

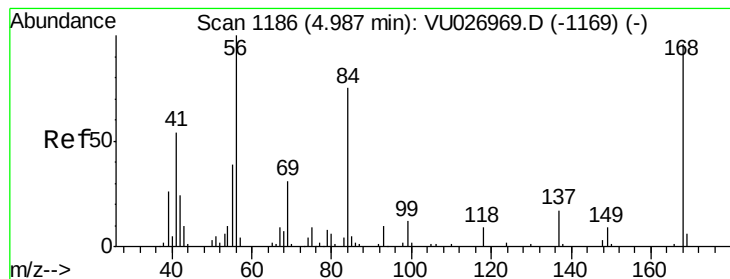
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027276.D

Acq: 28 Sep 2018 17:01

Instrument :

MSVOA_U

ClientSampleId :

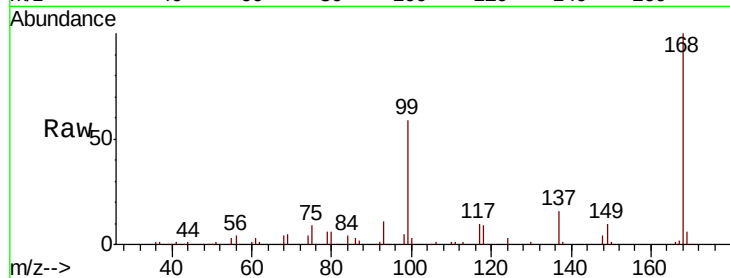
S13-0250

Tot Ion:168 Resp: 124530

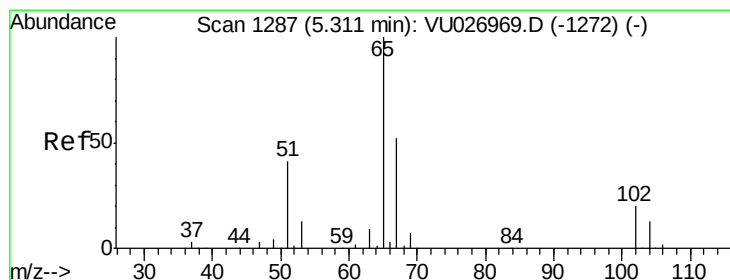
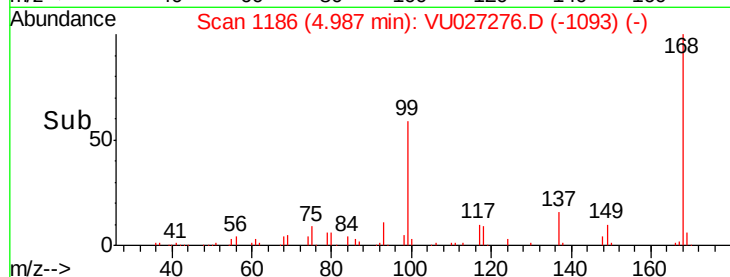
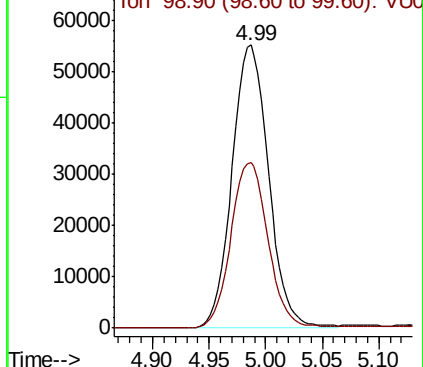
Ion Ratio Lower Upper

168 100

99 58.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.697 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027276.D

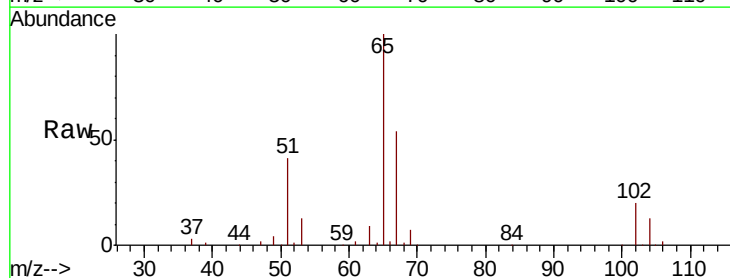
Acq: 28 Sep 2018 17:01

Tgt Ion: 65 Resp: 112028

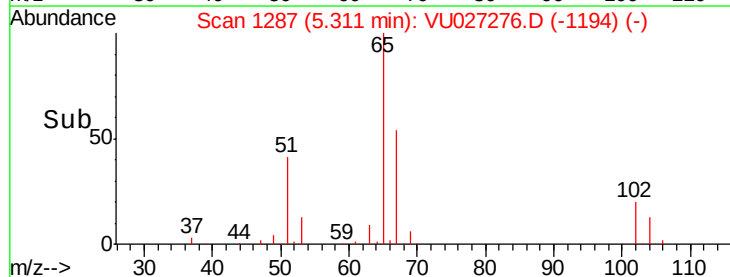
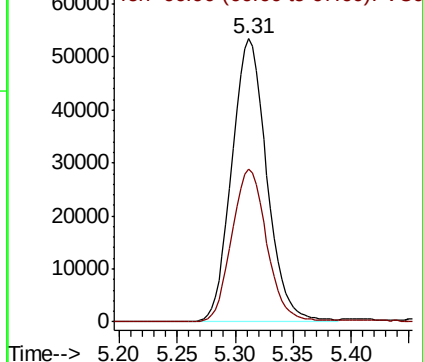
Ion Ratio Lower Upper

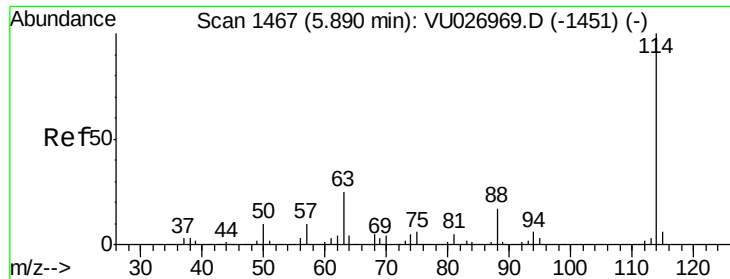
65 100

67 54.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

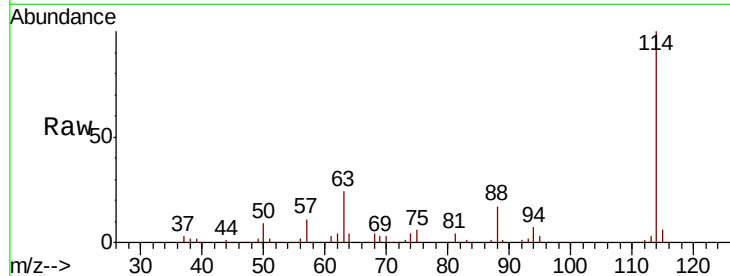




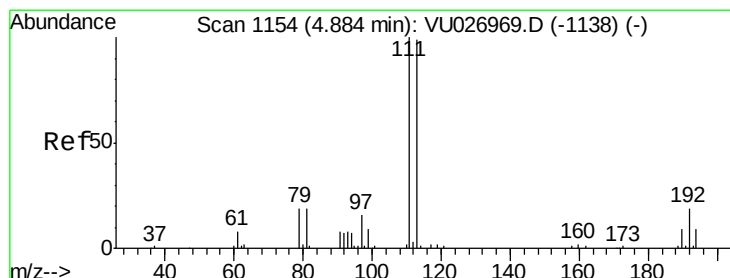
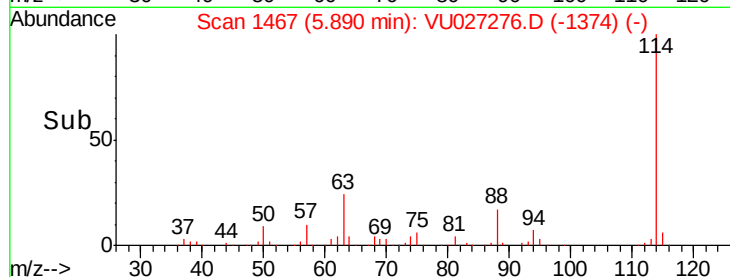
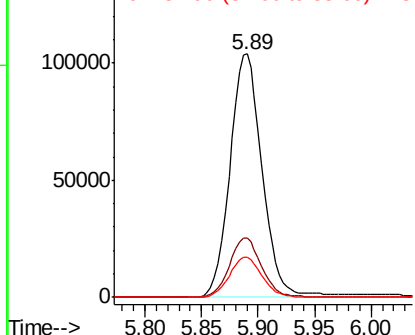
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027276.D
 Acq: 28 Sep 2018 17:01

Instrument :
 MSVOA_U
 ClientSampled :
 S13-0250

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	49.2
88	16.5	0.0	33.8

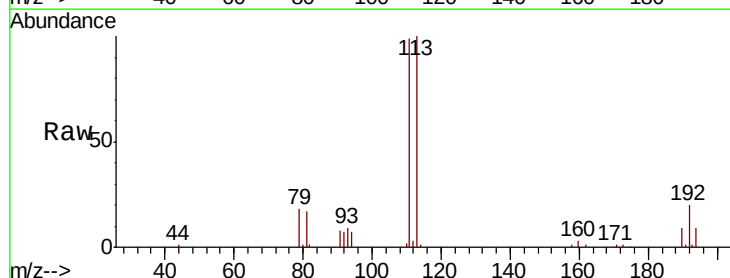


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

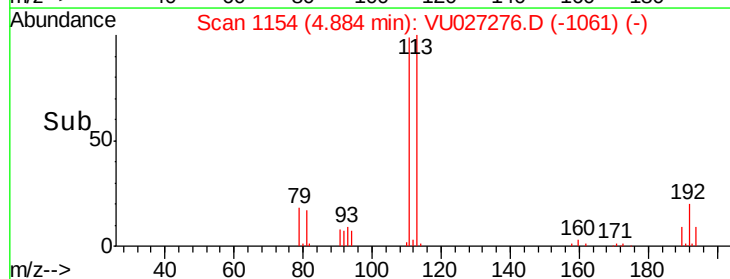
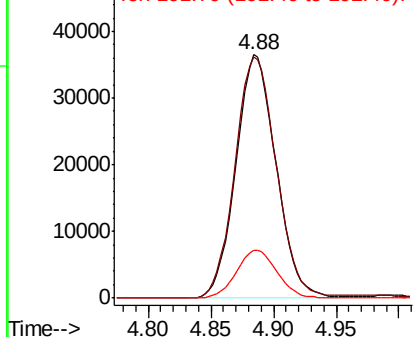


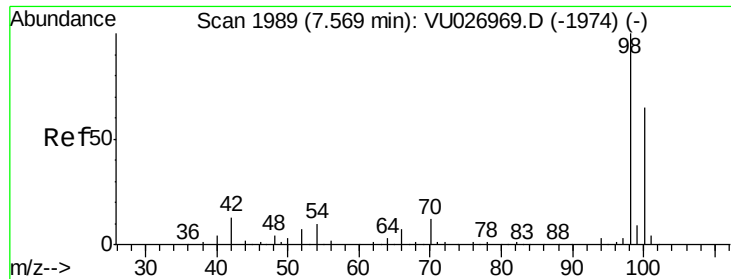
#35
 Dibromofluoromethane
 Concen: 45.629 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027276.D
 Acq: 28 Sep 2018 17:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	19.9	15.2	22.8



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

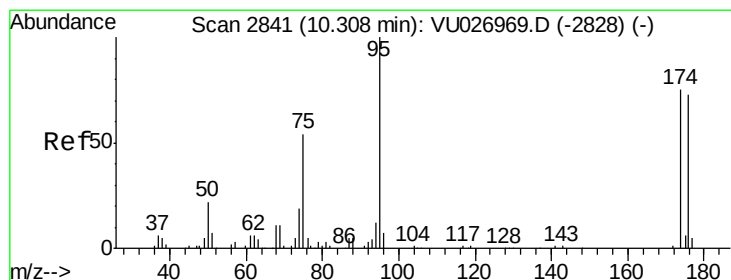
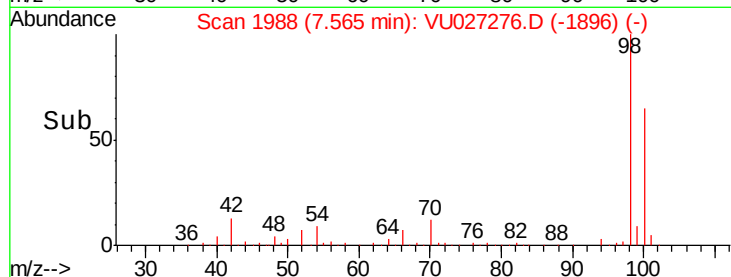
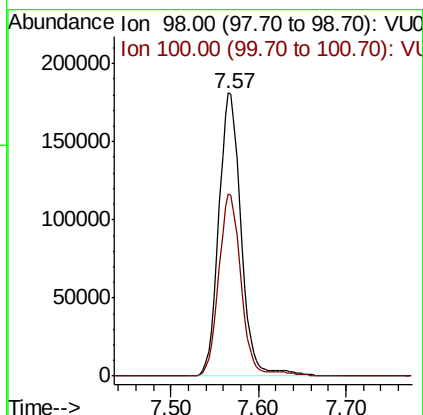
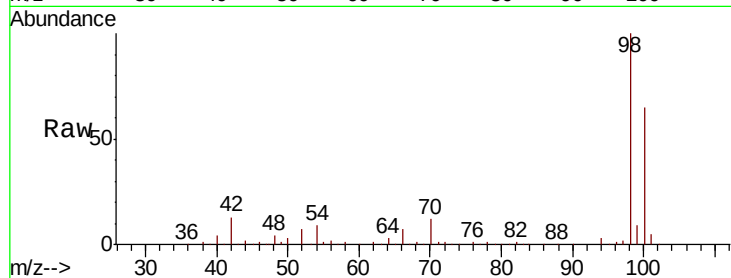




#50
Toluene-d8
Concen: 47.405 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027276.D
Acq: 28 Sep 2018 17:01

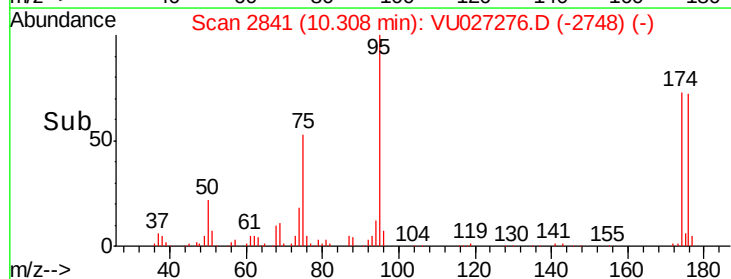
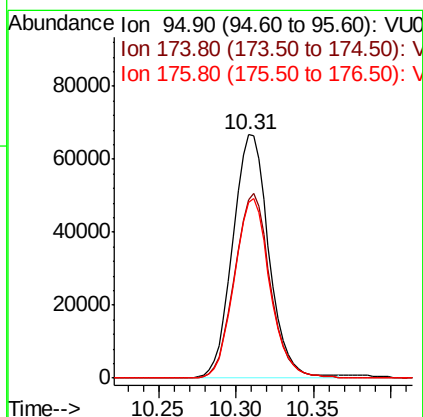
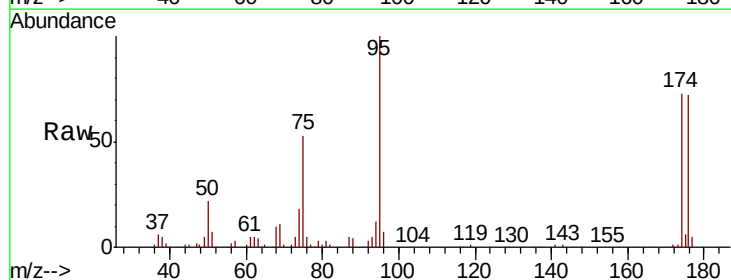
Instrument :
MSVOA_U
ClientSampleId :
S13-0250

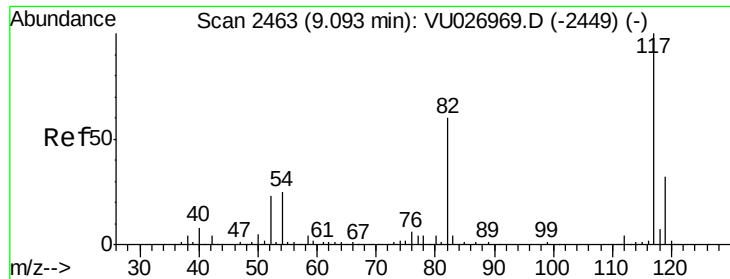
Tot Ion: 98 Resp: 322162
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.389 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027276.D
Acq: 28 Sep 2018 17:01

Tgt Ion: 95 Resp: 108175
Ion Ratio Lower Upper
95 100
174 75.0 0.0 150.2
176 72.9 0.0 145.2

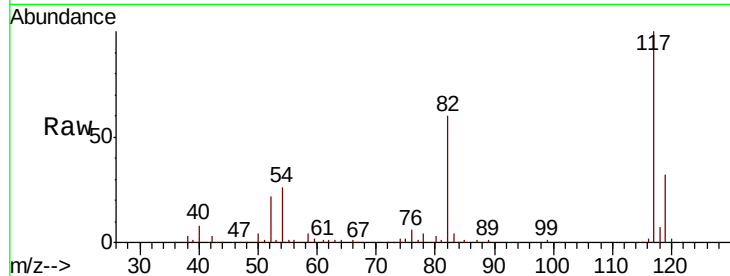




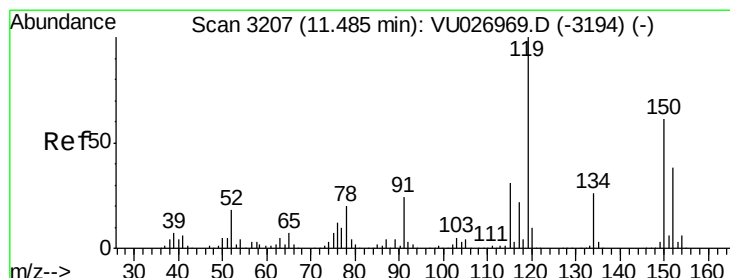
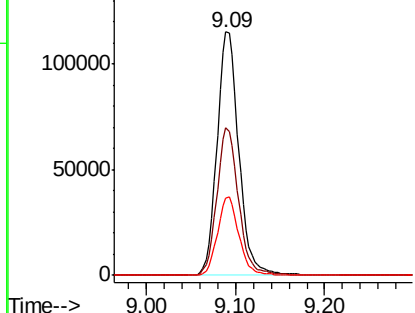
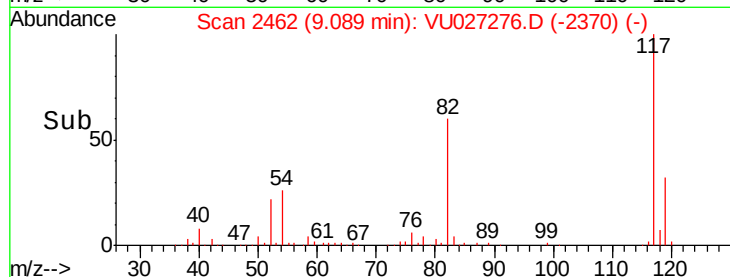
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027276.D
Acq: 28 Sep 2018 17:01

Instrument :
MSVOA_U
ClientSampleId :
S13-0250

Tot Ion:117 Resp: 194890
Ion Ratio Lower Upper
117 100
82 60.5 48.0 72.0
119 31.7 25.8 38.8

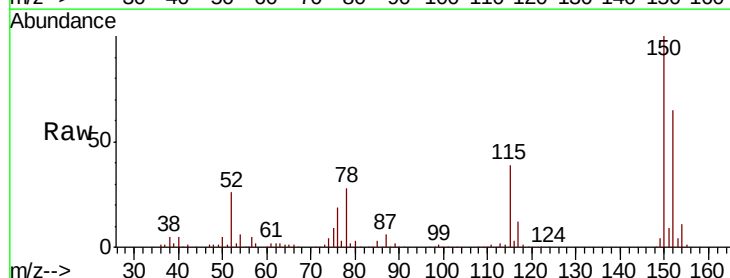


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027276.D (-2370) (-)
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027276.D
Acq: 28 Sep 2018 17:01

Tgt Ion:152 Resp: 95796
Ion Ratio Lower Upper
152 100
115 60.1 44.9 134.5
150 154.4 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): VU027276.D (-3114) (-)
Ion 149.90 (149.60 to 150.60): V

