

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028795.D
 Acq On : 19 Dec 2018 15:44
 Operator : MD/SY
 Sample : J6408-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA.MW130I-20181208

Quant Time: Dec 20 06:26:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	126579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	216495	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	193865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77465	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	84012	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	
35) Dibromofluoromethane	4.88	113	70868	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	7.56	98	268308	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	10.30	95	86132	42.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.52%	

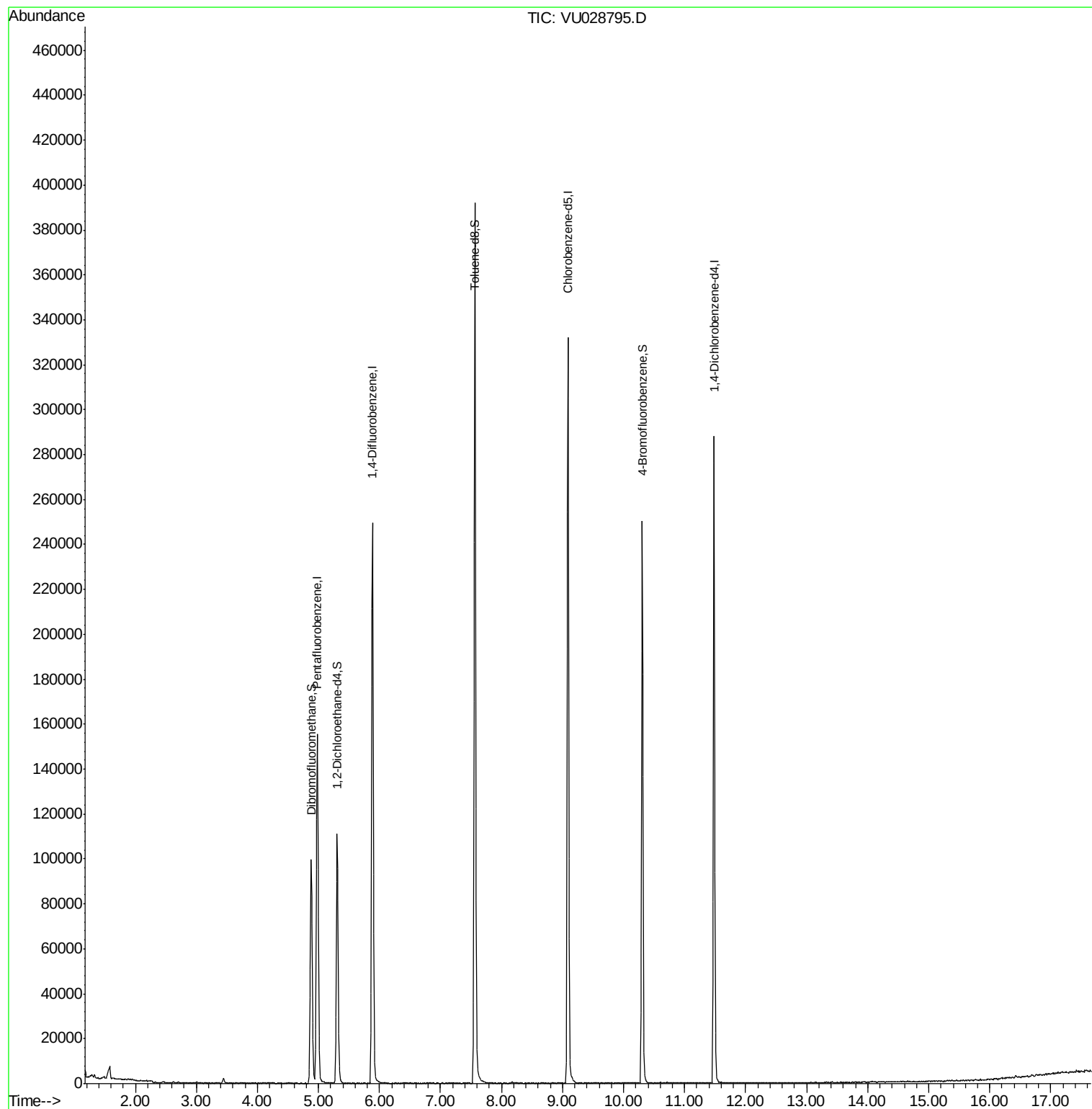
Target Compounds	Qvalue

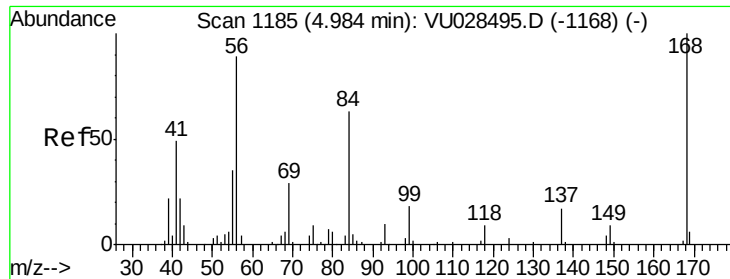
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028795.D

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MSVOA_U

ClientSampleId :

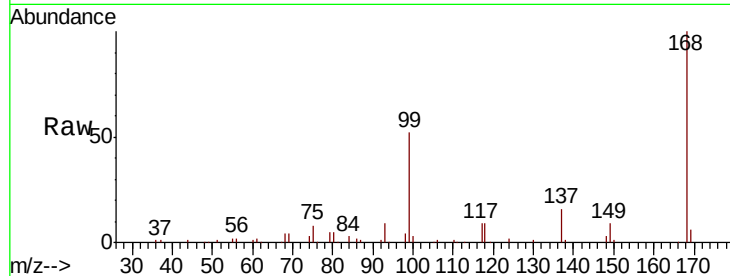
SA.MW130I-20181208

Tot Ion:168 Resp: 126579

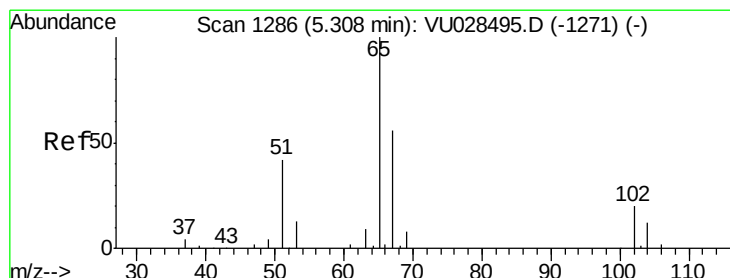
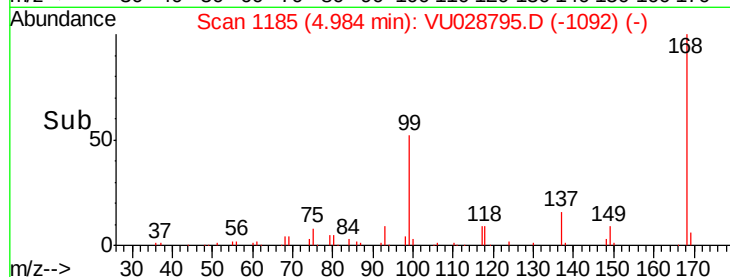
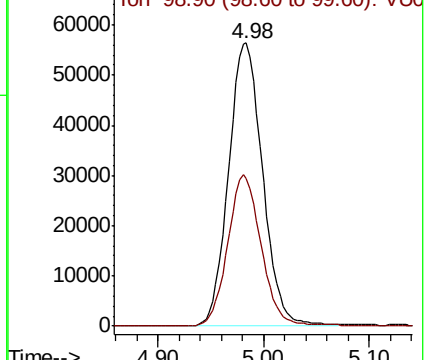
Ion Ratio Lower Upper

168 100

99 52.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)



#33

1,2-Dichloroethane-d4

Concen: 43.492 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU028795.D

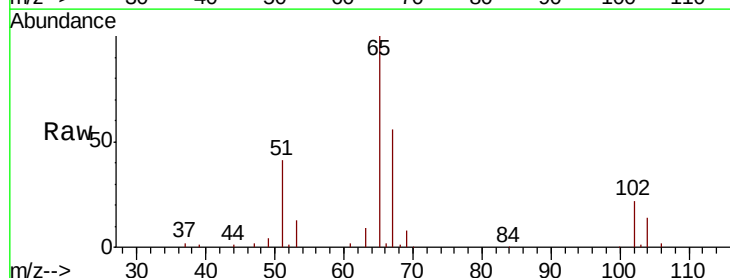
Acq: 19 Dec 2018 15:44

Tgt Ion: 65 Resp: 84012

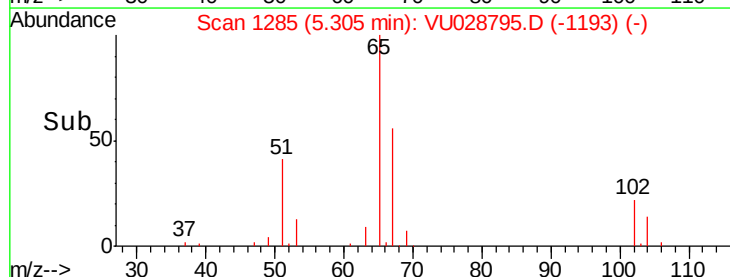
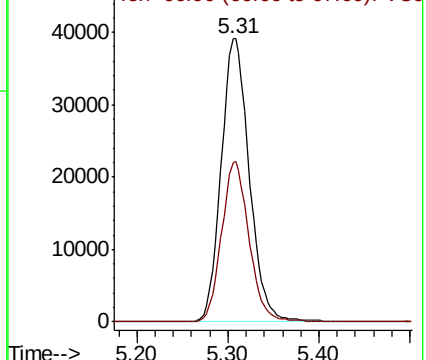
Ion Ratio Lower Upper

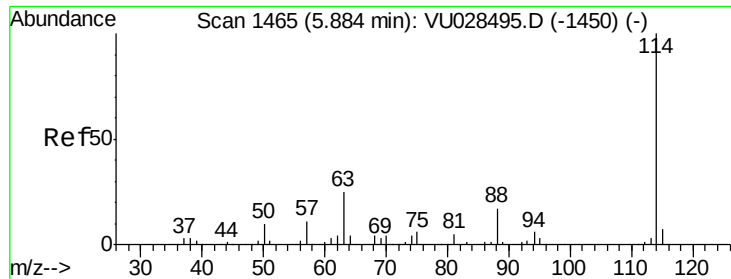
65 100

67 55.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028795.D

Acq: 19 Dec 2018 15:44

Instrument :

MSVOA_U

ClientSampleId :

SA.MW130I-20181208

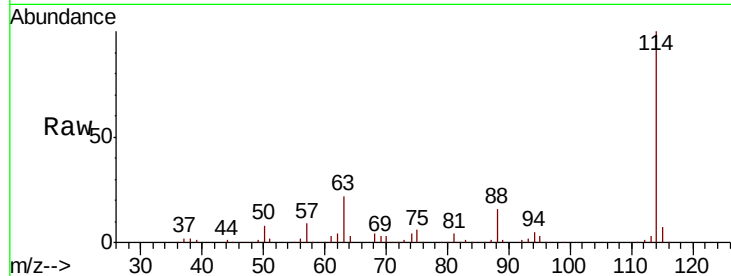
Tot Ion:114 Resp: 216495

Ion Ratio Lower Upper

114 100

63 21.5 0.0 49.2

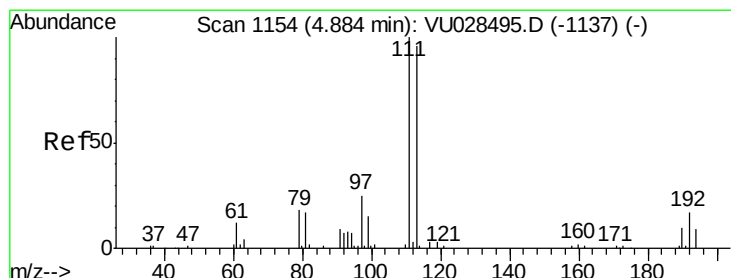
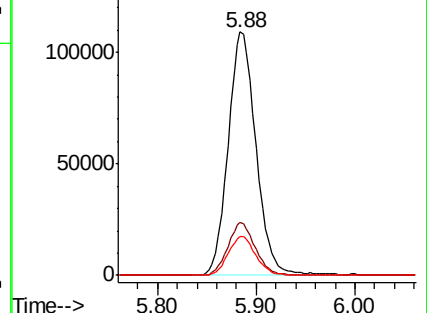
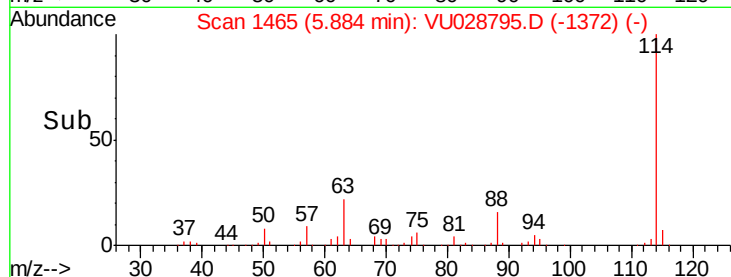
88 15.9 0.0 33.4



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: 52.016 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028795.D

Acq: 19 Dec 2018 15:44

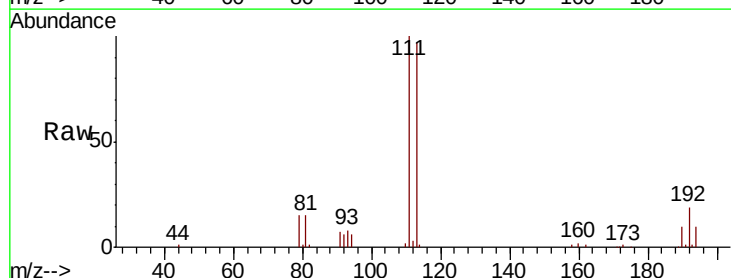
Tgt Ion:113 Resp: 70868

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.0

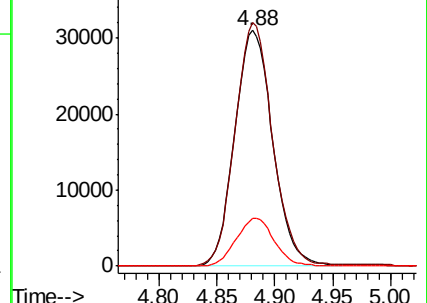
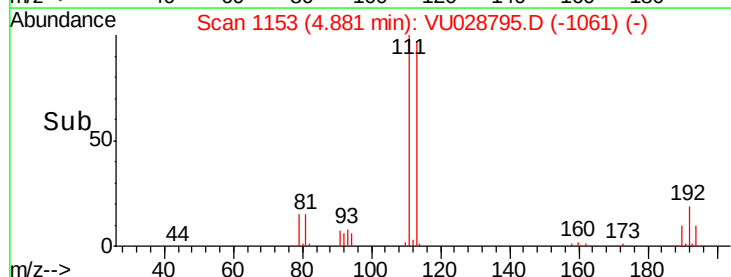
192 20.3 14.8 22.2

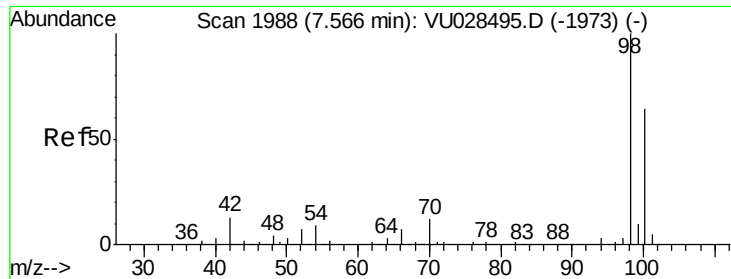


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

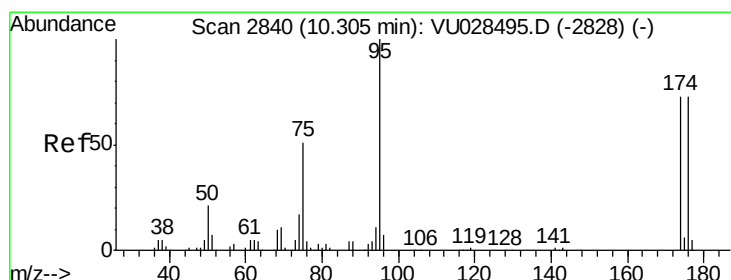
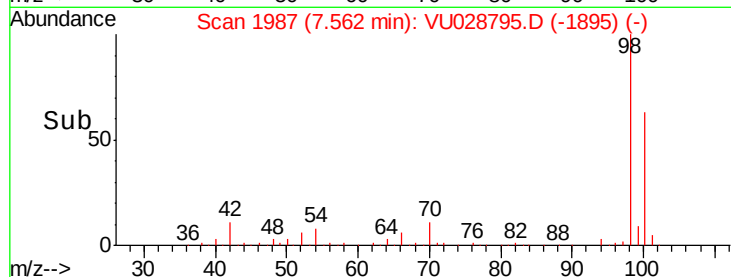
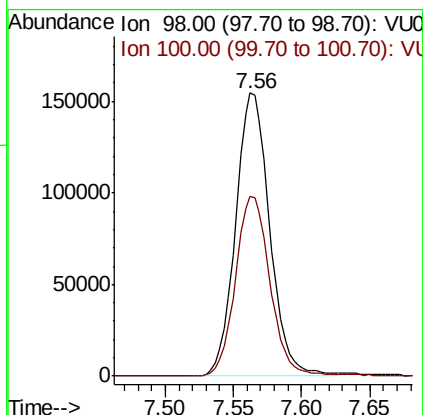
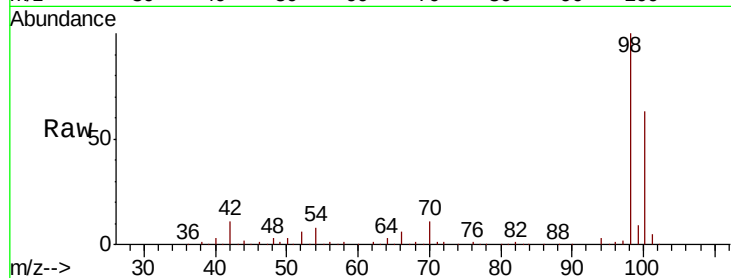




#50
Toluene-d8
Concen: 49.784 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028795.D
Acq: 19 Dec 2018 15:44

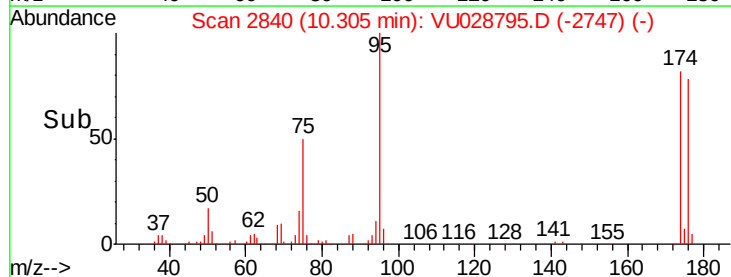
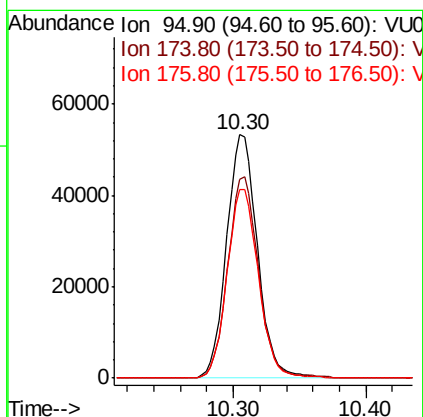
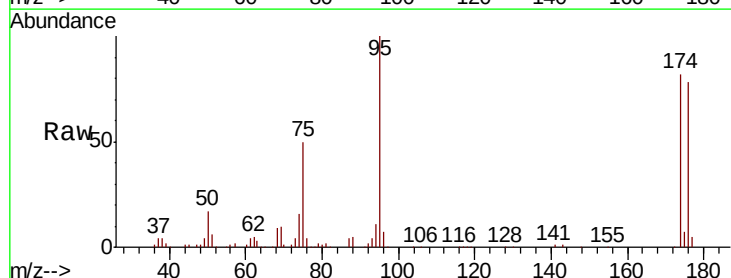
Instrument :
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SA.MW130I-20181208

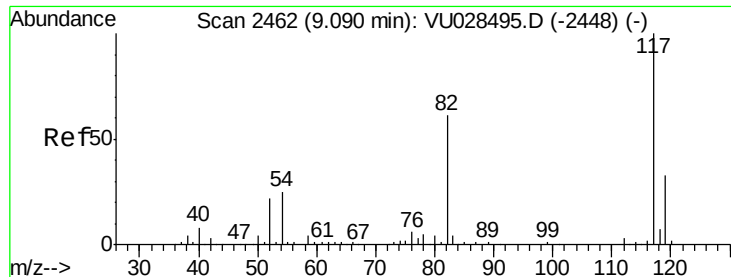
Tot Ion: 98 Resp: 268308
Ion Ratio Lower Upper
98 100
100 64.7 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 42.758 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028795.D
Acq: 19 Dec 2018 15:44

Tgt Ion: 95 Resp: 86132
Ion Ratio Lower Upper
95 100
174 82.6 0.0 150.4
176 78.9 0.0 145.2

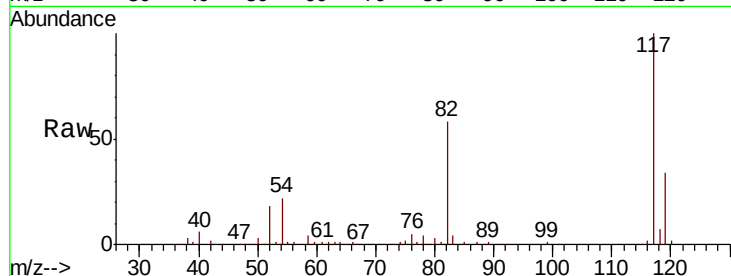




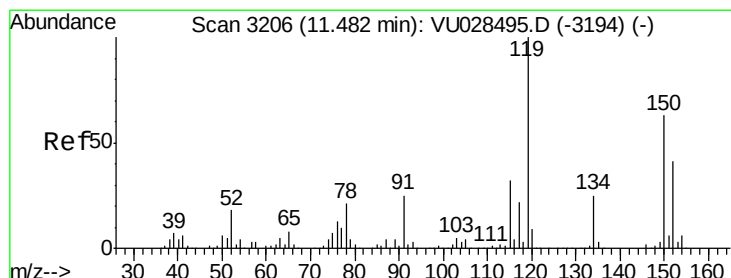
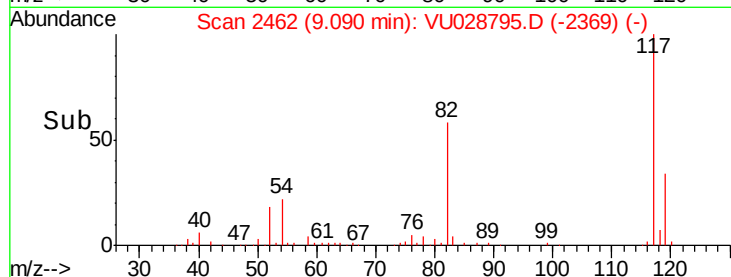
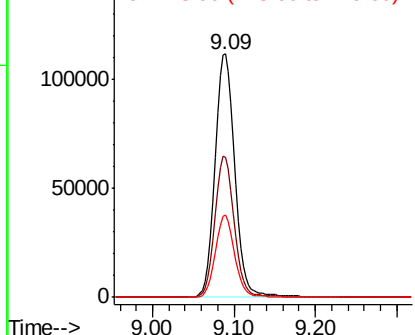
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028795.D
Acq: 19 Dec 2018 15:44

Instrument :
MSVOA_U
ClientSampleId :
SA.MW130I-20181208

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	48.9	73.3
119	33.6	26.2	39.4

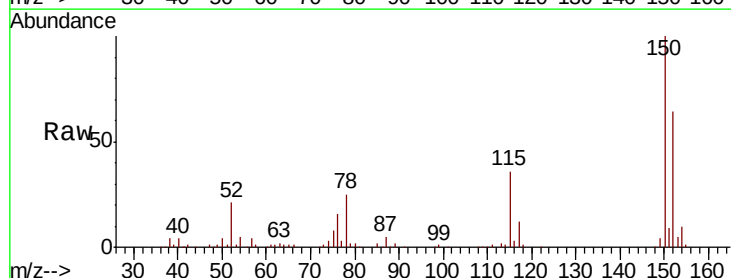


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028795.D
Acq: 19 Dec 2018 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	42.7	128.1
150	156.8	0.0	346.0



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

