

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028514.D
 Acq On : 06 Dec 2018 20:27
 Operator : MD/SY
 Sample : J6252-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09D-M16W4-11-27-18

Quant Time: Dec 07 06:56:22 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

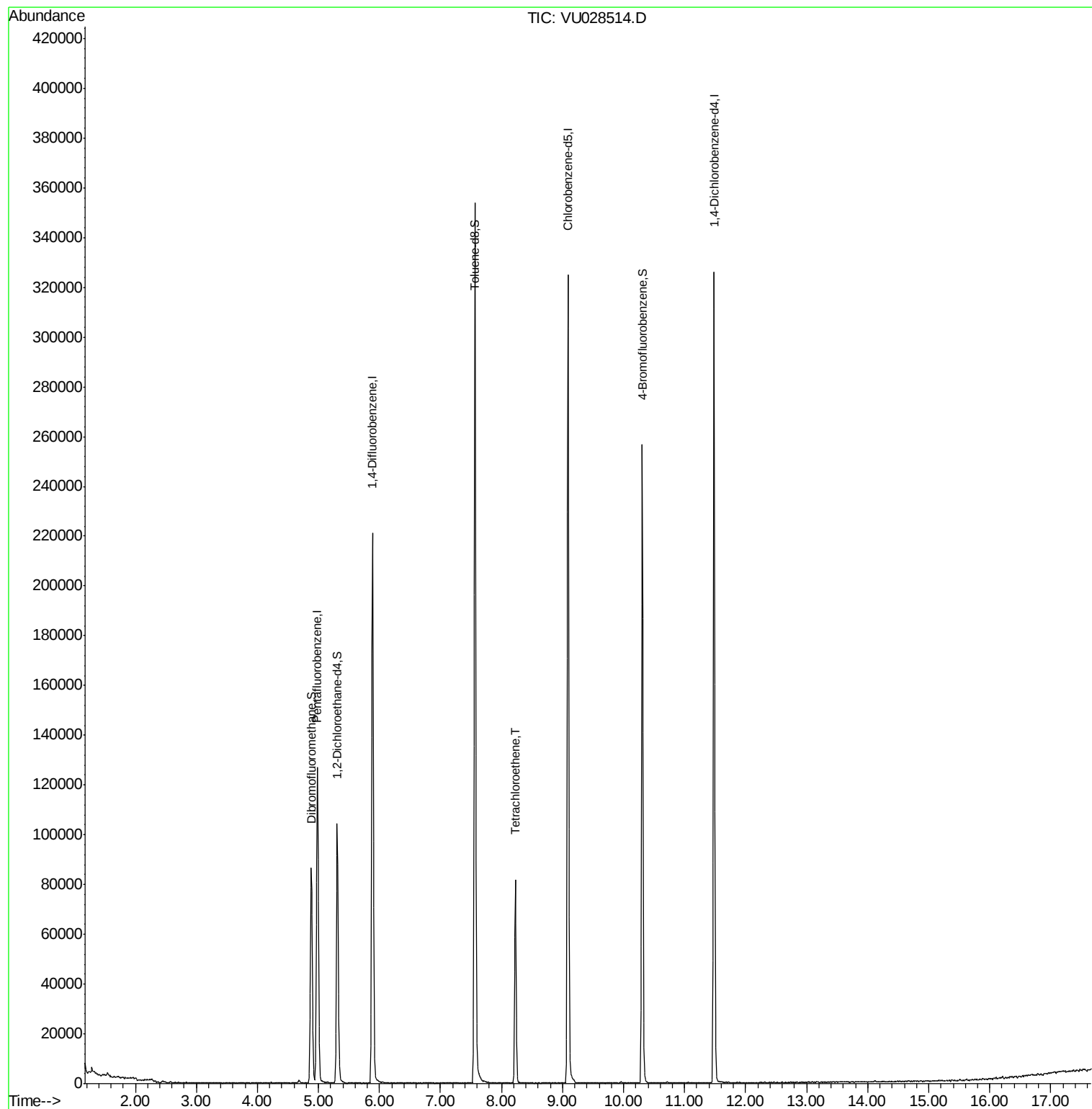
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	94234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	178373	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78754	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	81472	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
35) Dibromofluoromethane	4.88	113	59647	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
50) Toluene-d8	7.57	98	238061	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	10.31	95	86669	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
Target Compounds						
64) Tetrachloroethene	8.23	164	17532	15.425	ug/l	Qvalue 96

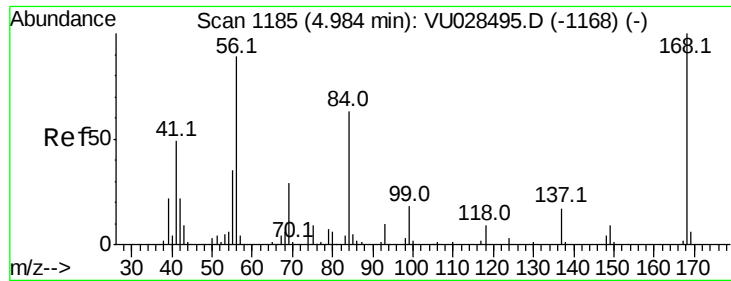
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028514.D

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ClientSampleId :

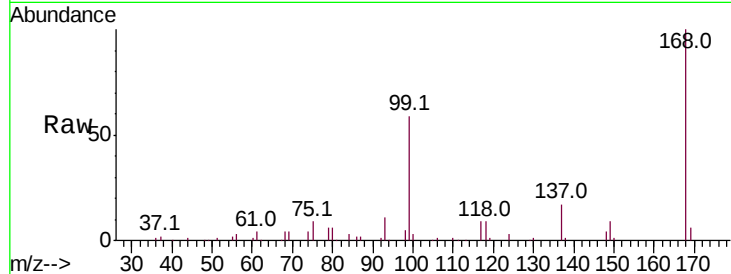
CPA-CPMW09D-M16W4-11-27-18

Tot Ion:168 Resp: 94234

Ion Ratio Lower Upper

168 100

99 59.0 46.6 69.8

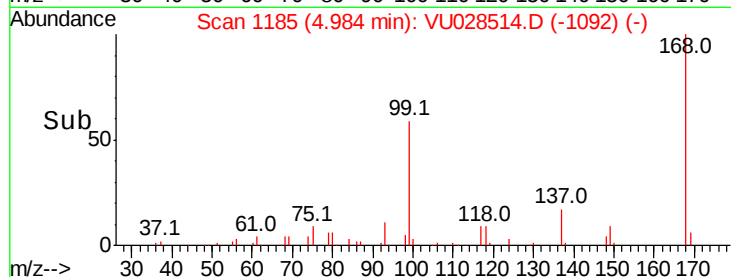


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

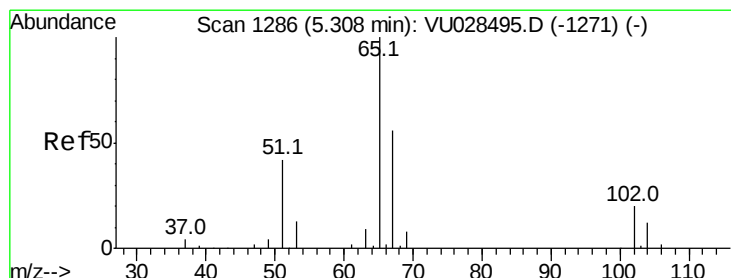
Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.654 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028514.D

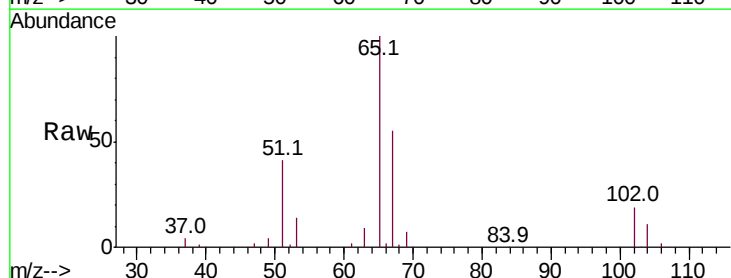
Acq: 06 Dec 2018 20:27

Tgt Ion: 65 Resp: 81472

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.6

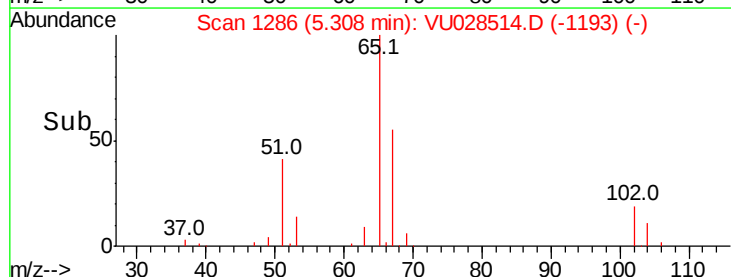


Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

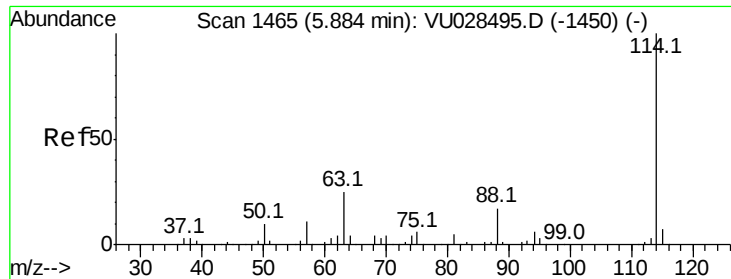
Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.31

Time-->



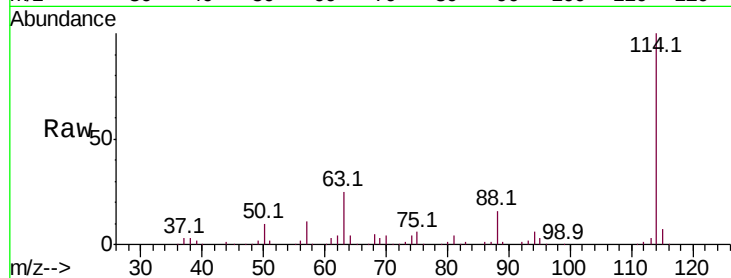
Time-->



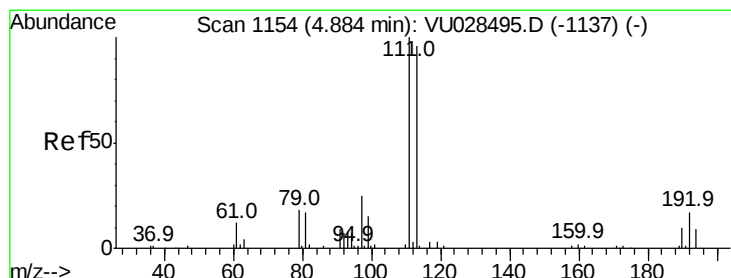
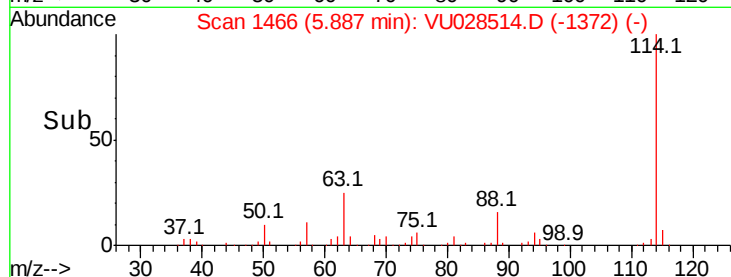
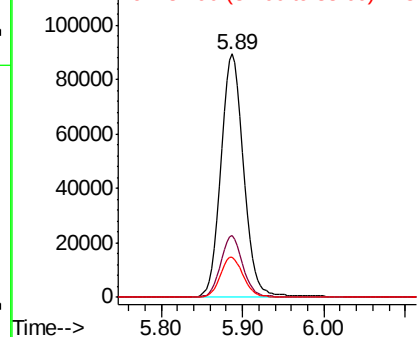
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028514.D
 Acq: 06 Dec 2018 20:27

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09D-M16W4-11-27-18

Tot Ion:114 Resp: 178373
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 16.4 0.0 33.4

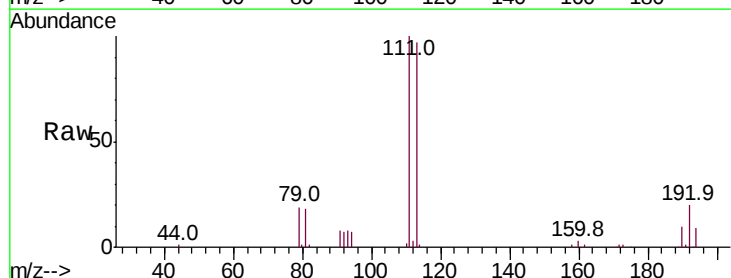


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

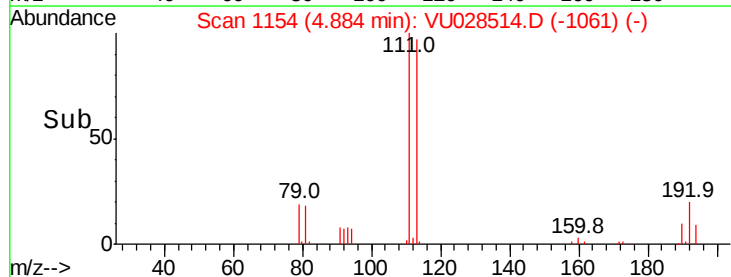
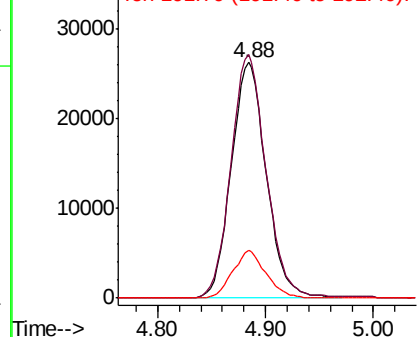


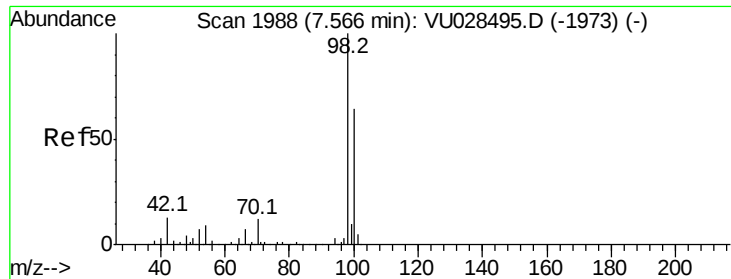
#35
 Dibromofluoromethane
 Concen: 53.137 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028514.D
 Acq: 06 Dec 2018 20:27

Tgt Ion:113 Resp: 59647
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.4 125.0
 192 19.1 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

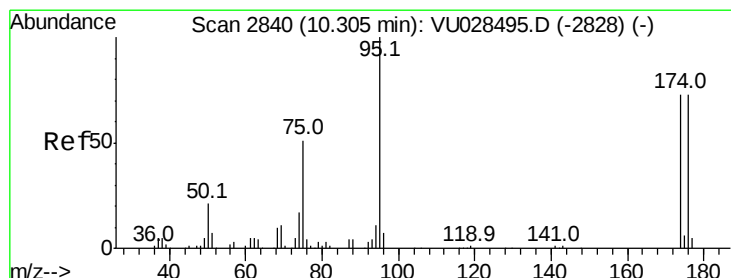
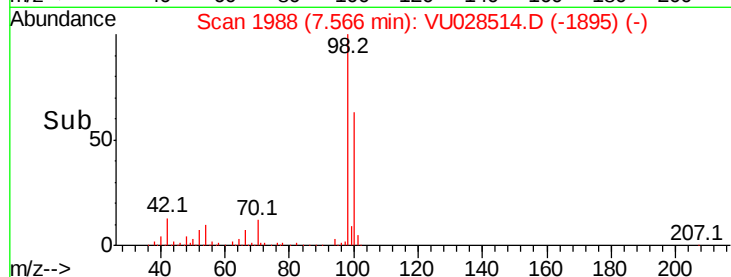
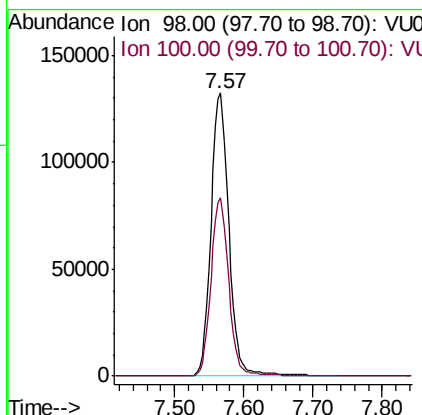
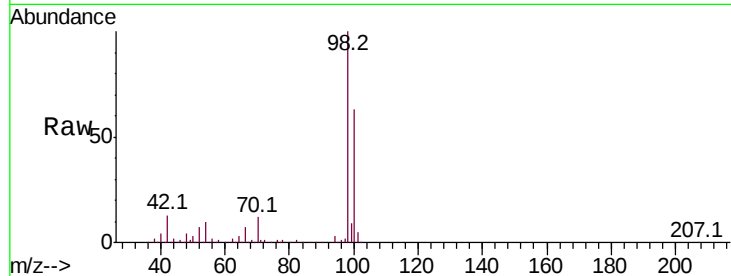




#50
Toluene-d8
Concen: 53.612 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028514.D
Acq: 06 Dec 2018 20:27

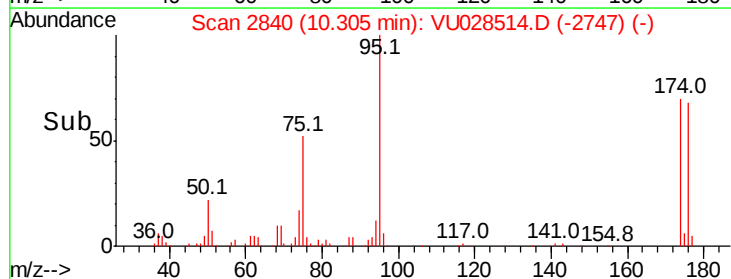
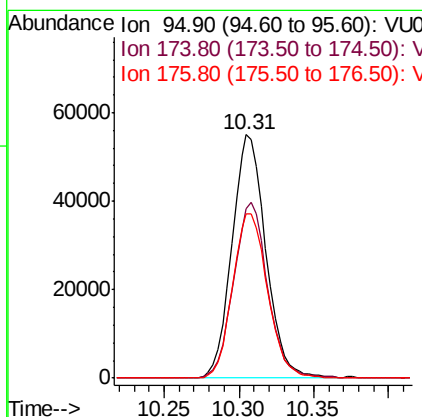
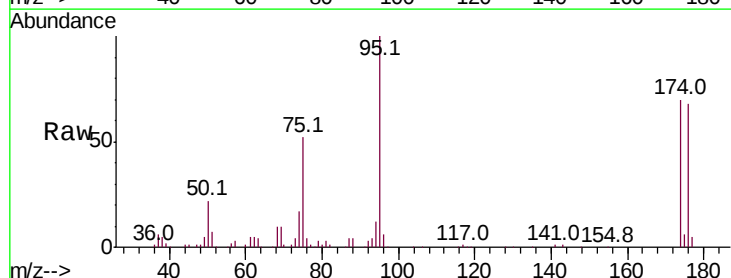
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09D-M16W4-11-27-18

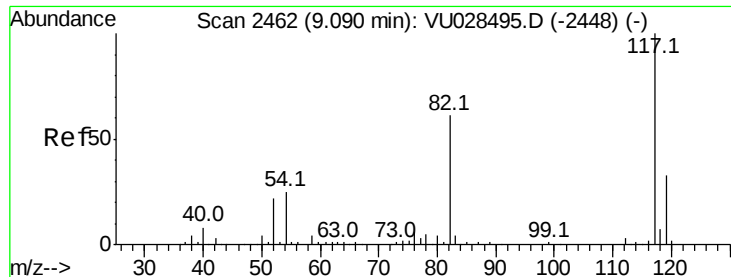
Tot Ion: 98 Resp: 238061
Ion Ratio Lower Upper
98 100
100 62.6 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 52.220 ug/l
RT: 10.31 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU028514.D
Acq: 06 Dec 2018 20:27

Tgt Ion: 95 Resp: 86669
Ion Ratio Lower Upper
95 100
174 72.9 0.0 150.4
176 69.9 0.0 145.2

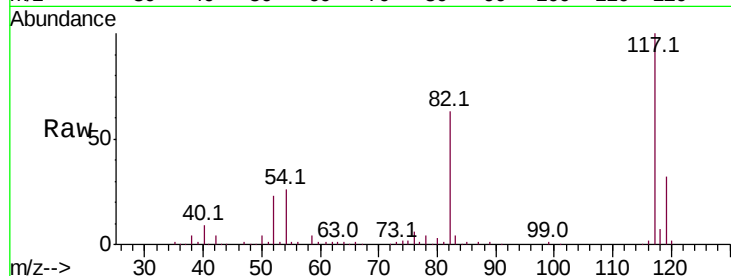




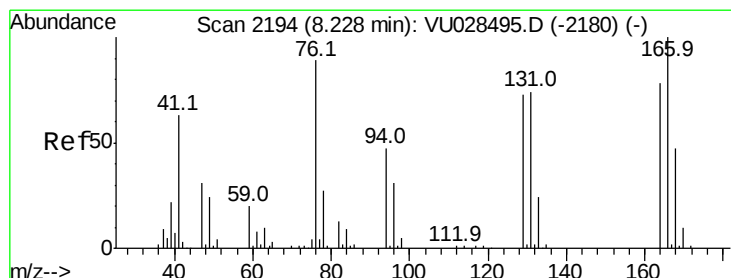
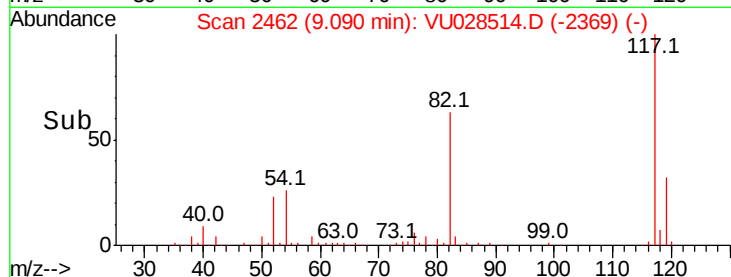
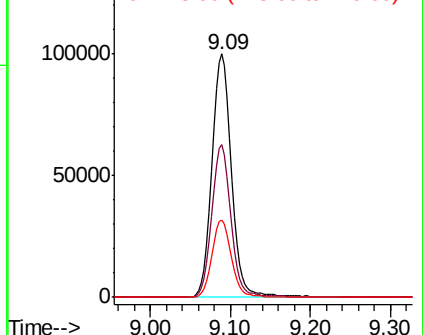
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028514.D
Acq: 06 Dec 2018 20:27

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09D-M16W4-11-27-18

Tot Ion:117 Resp: 170402
Ion Ratio Lower Upper
117 100
82 62.8 48.9 73.3
119 31.8 26.2 39.4

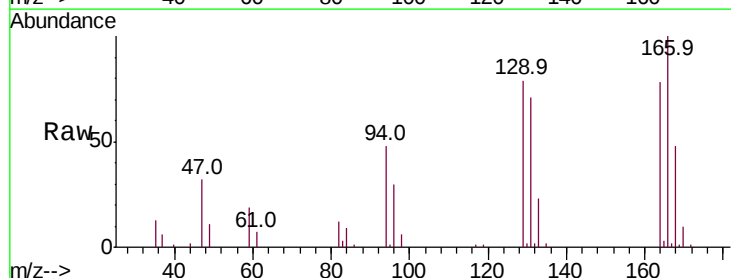


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

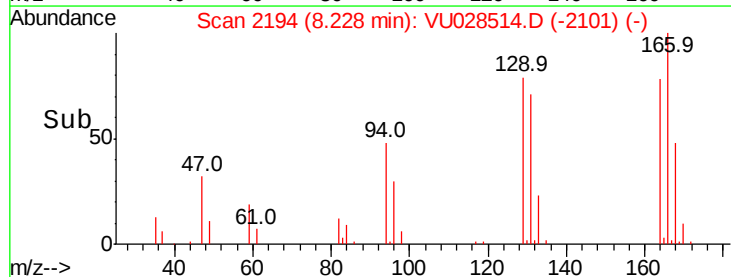
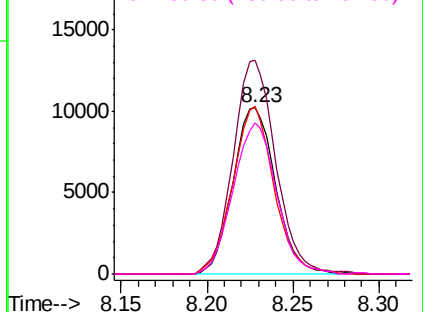


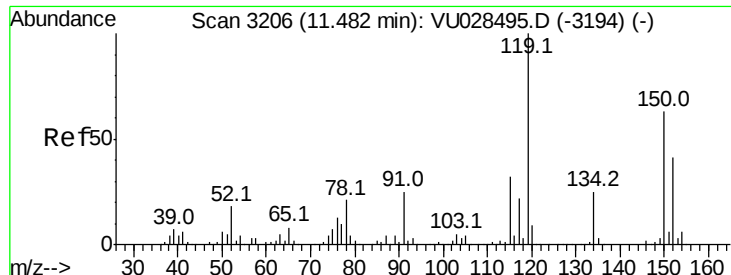
#64
Tetrachloroethene
Concen: 15.425 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028514.D
Acq: 06 Dec 2018 20:27

Tgt Ion:164 Resp: 17532
Ion Ratio Lower Upper
164 100
166 128.8 101.9 152.9
129 101.4 74.9 112.3
131 91.0 75.4 113.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VU028514.D

Acq: 06 Dec 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09D-M16W4-11-27-18

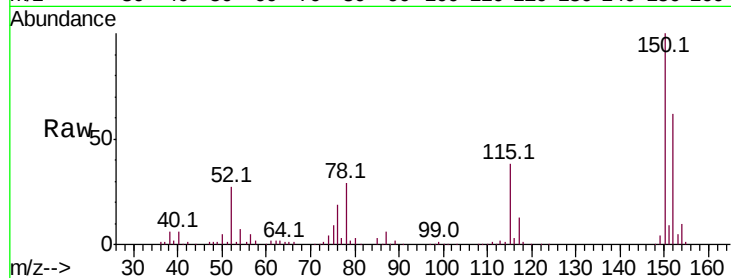
Tot Ion:152 Resp: 78754

Ion Ratio Lower Upper

152 100

115 61.7 42.7 128.1

150 158.7 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

