

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120618\
 Data File : VU028512.D
 Acq On : 06 Dec 2018 19:41
 Operator : MD/SY
 Sample : J6252-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-MW16-001-M16W4-11-29-18

Quant Time: Dec 07 09:41:52 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

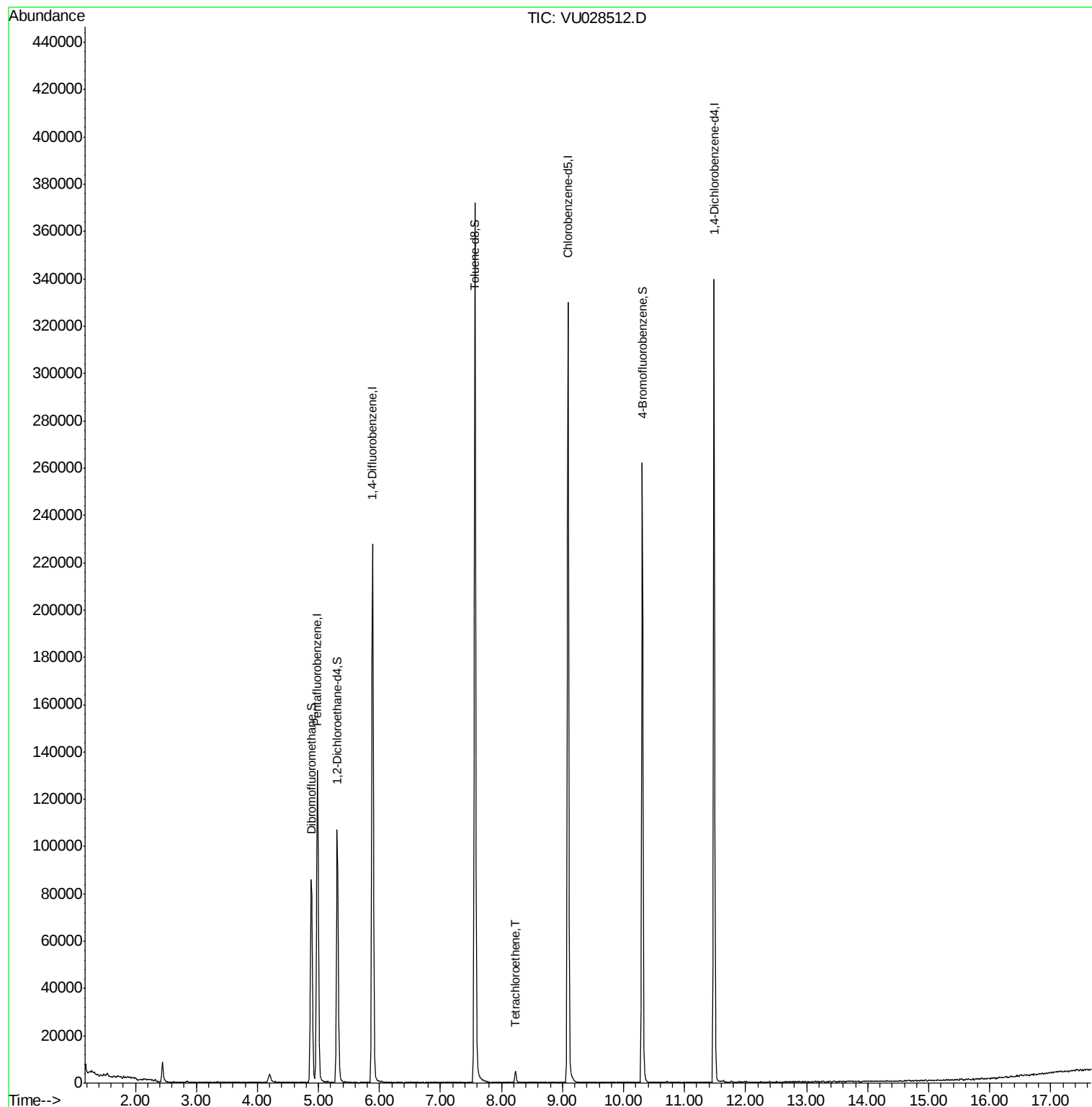
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	96628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	186243	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	174541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	83123	56.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.74%	
35) Dibromofluoromethane	4.88	113	60929	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	7.57	98	241773	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	10.30	95	88715	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
Target Compounds						
64) Tetrachloroethene	8.22	164	1111	0.954	ug/l #	Qvalue 89

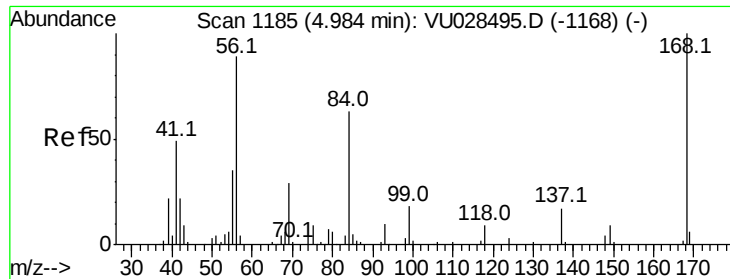
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028512.D

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Instrument :

MSVOA_U

ClientSampleId :

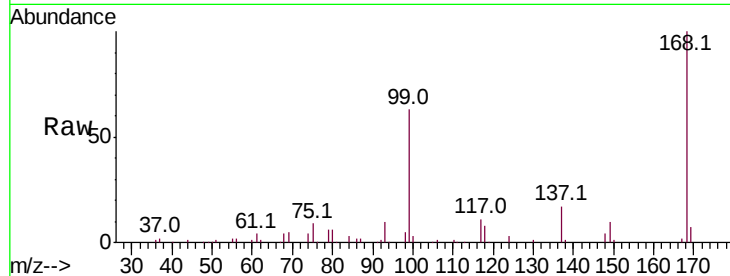
CPA-MW16-001-M16W4-11-29-18

Tot Ion:168 Resp: 96628

Ion Ratio Lower Upper

168 100

99 63.0 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) (-)

4.99

40000

30000

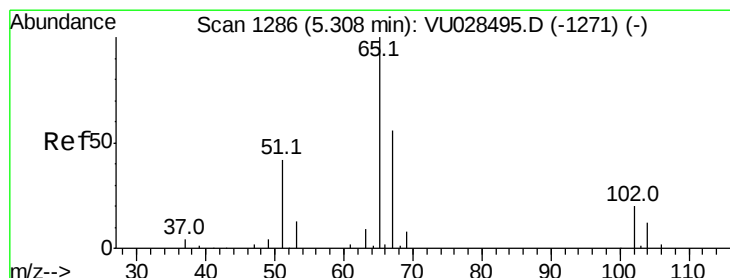
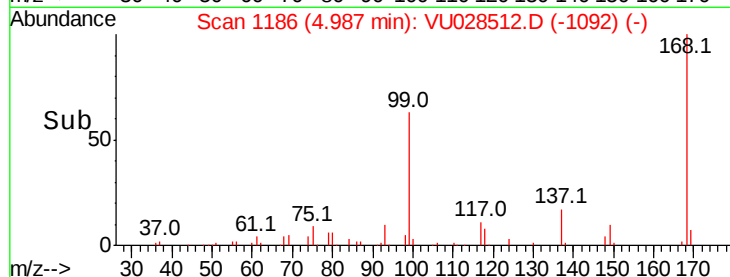
20000

10000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.370 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028512.D

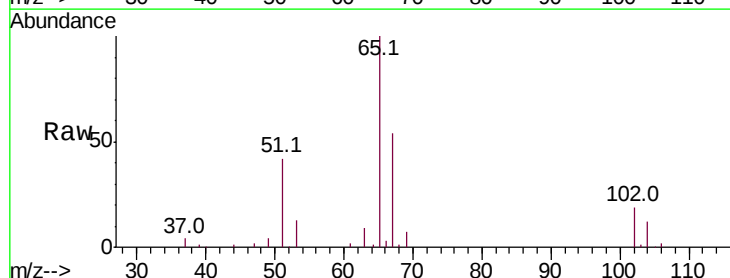
Acq: 06 Dec 2018 19:41

Tgt Ion: 65 Resp: 83123

Ion Ratio Lower Upper

65 100

67 54.4 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

40000

30000

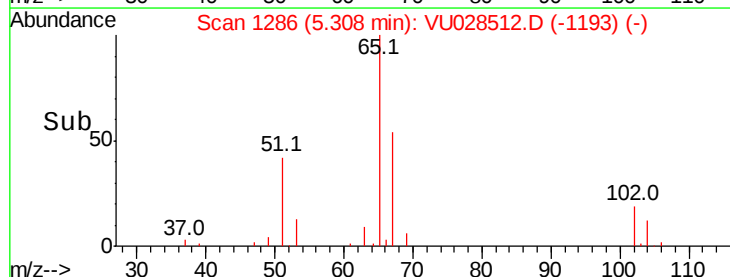
20000

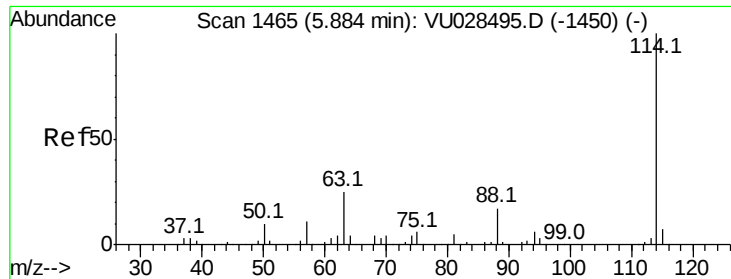
10000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028512.D

Acq: 06 Dec 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

CPA-MW16-001-M16W4-11-29-18

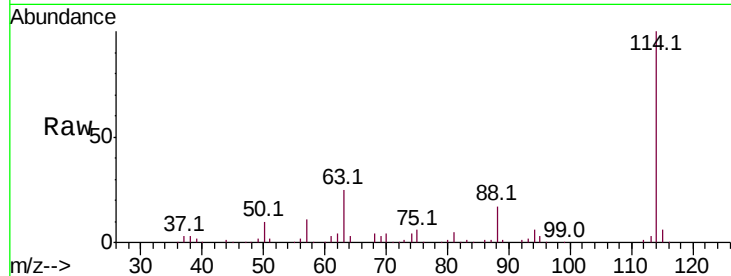
Tot Ion:114 Resp: 186243

Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

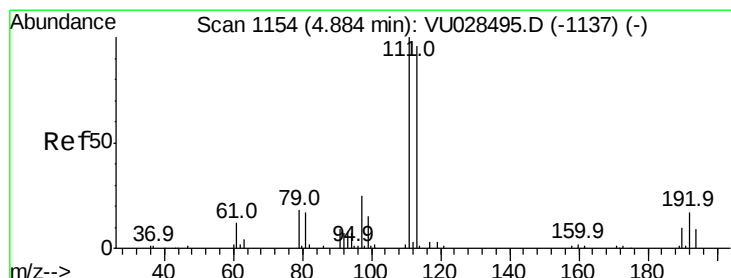
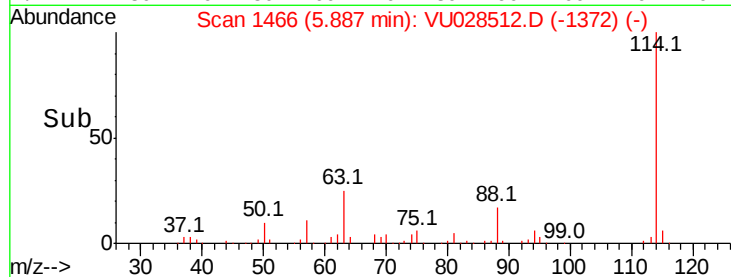
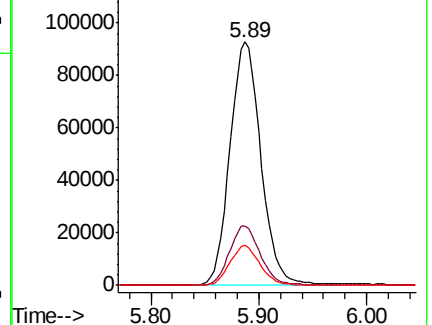
88 16.6 0.0 33.4



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: 51.985 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU028512.D

Acq: 06 Dec 2018 19:41

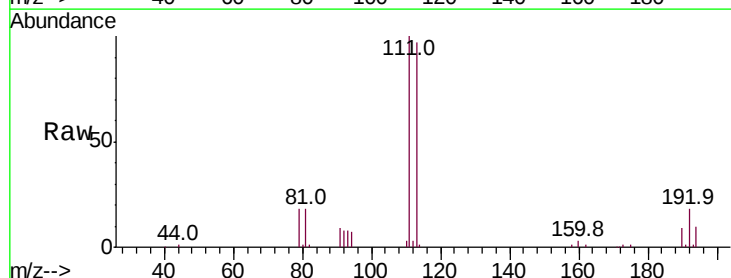
Tgt Ion:113 Resp: 60929

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.0

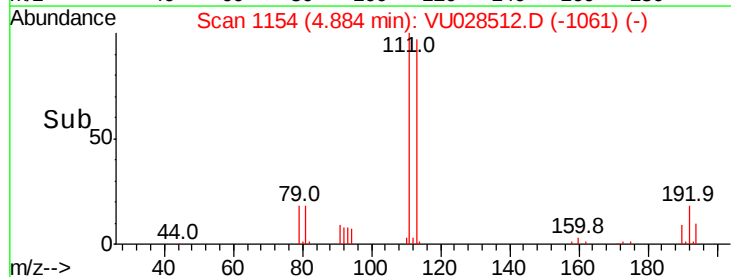
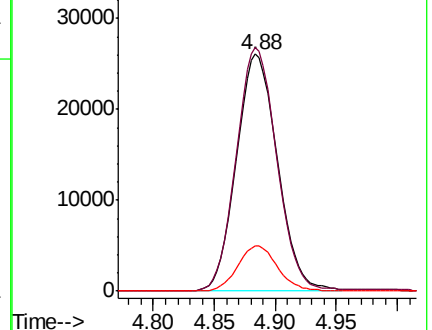
192 18.4 14.8 22.2

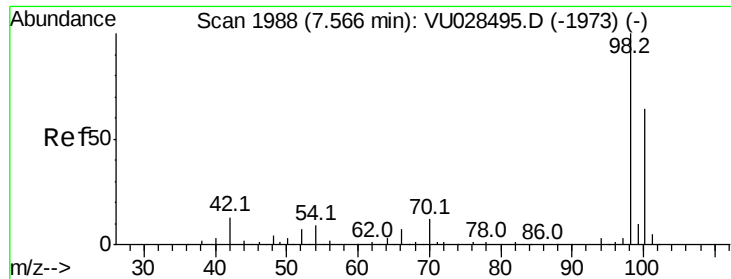


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.147 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028512.D

Acq: 06 Dec 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

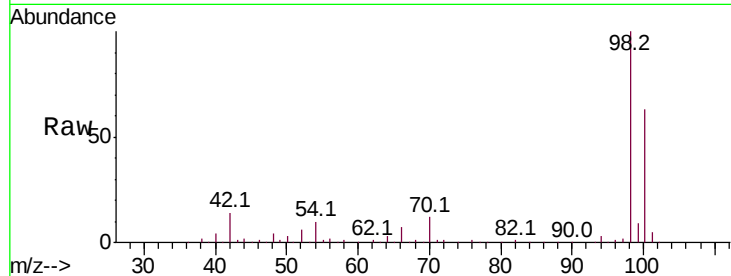
CPA-MW16-001-M16W4-11-29-18

Tot Ion: 98 Resp: 241773

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

150000

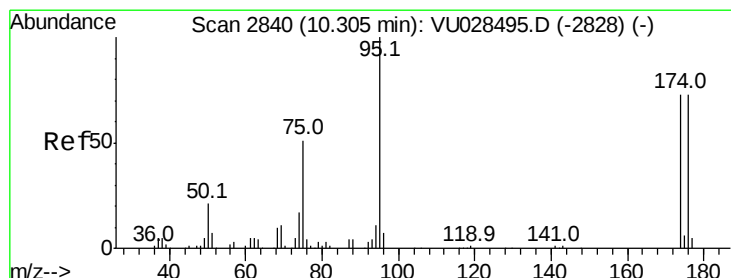
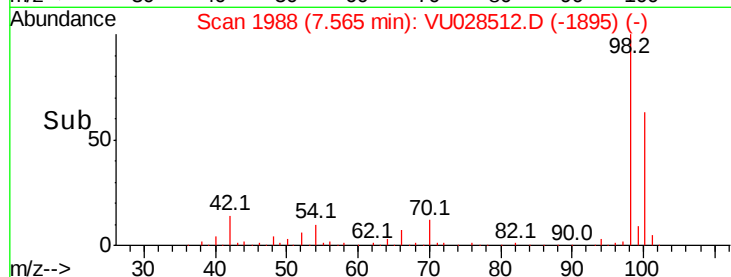
100000

50000

0

7.50 7.55 7.60 7.65

Time-->



#62

4-Bromofluorobenzene

Concen: 51.194 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028512.D

Acq: 06 Dec 2018 19:41

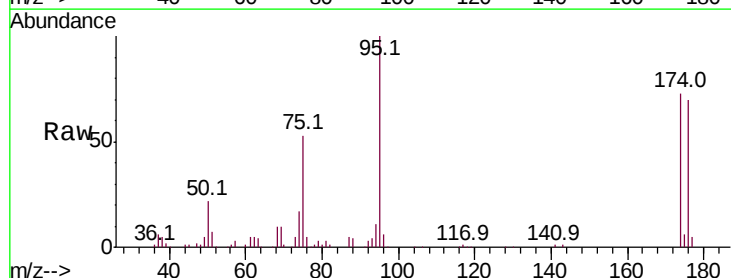
Tgt Ion: 95 Resp: 88715

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.4

176 71.7 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.30

60000

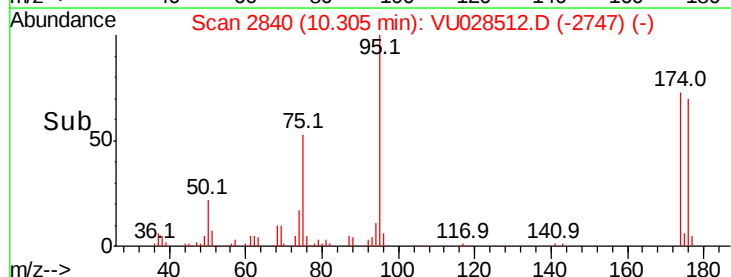
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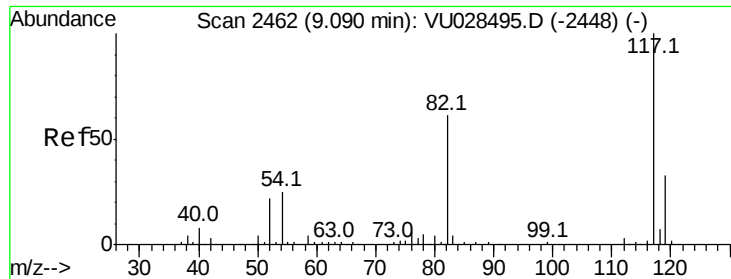
20000

0

10.20 10.30 10.40

Time-->

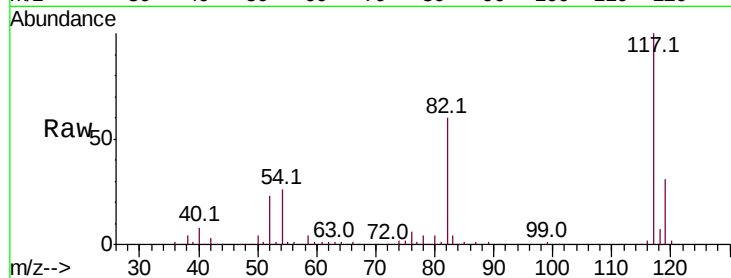




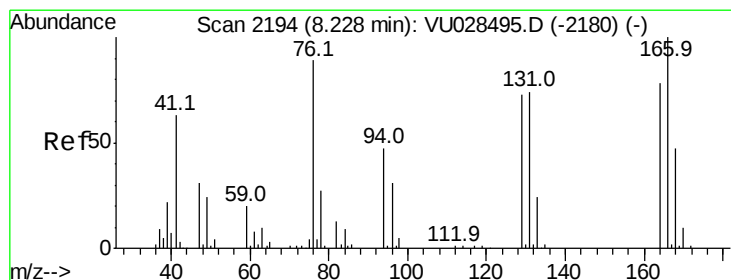
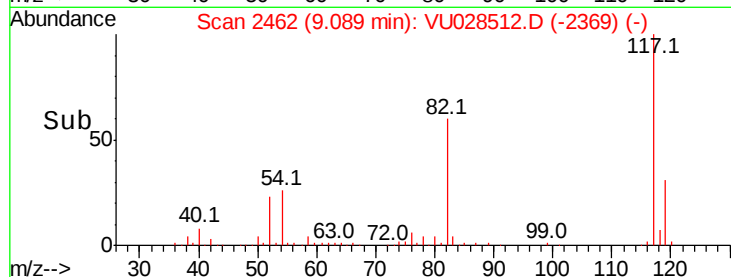
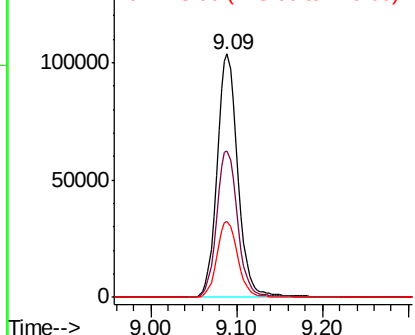
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028512.D
Acq: 06 Dec 2018 19:41

Instrument :
MSVOA_U
ClientSampleId :
CPA-MW16-001-M16W4-11-29-18

Tot Ion:117 Resp: 174541
Ion Ratio Lower Upper
117 100
82 60.2 48.9 73.3
119 31.1 26.2 39.4

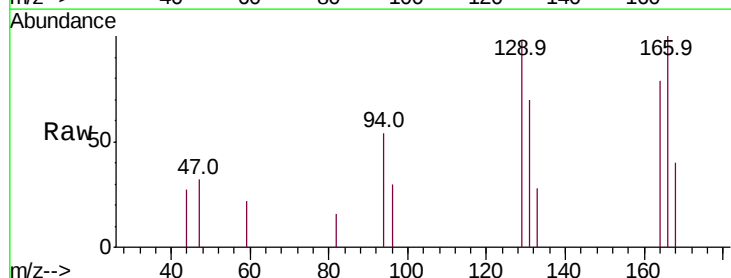


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

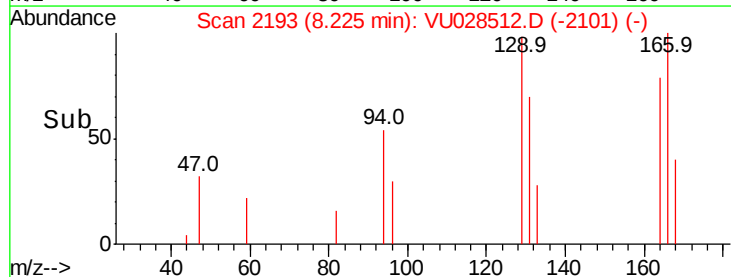
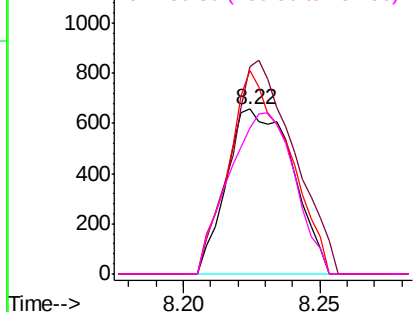


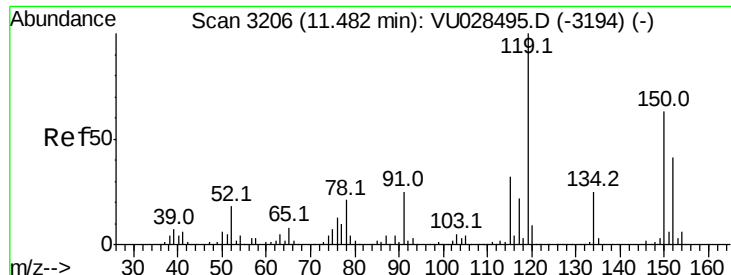
#64
Tetrachloroethene
Concen: 0.954 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028512.D
Acq: 06 Dec 2018 19:41

Tgt Ion:164 Resp: 1111
Ion Ratio Lower Upper
164 100
166 125.8 101.9 152.9
129 123.4 74.9 112.3#
131 88.6 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: VU028512.D

Acq: 06 Dec 2018 19:41

Instrument :

MSVOA_U

ClientSampleId :

CPA-MW16-001-M16W4-11-29-18

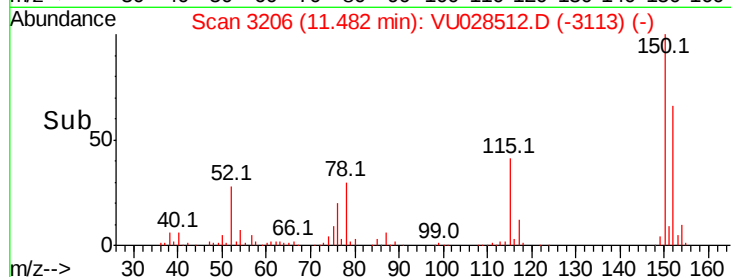
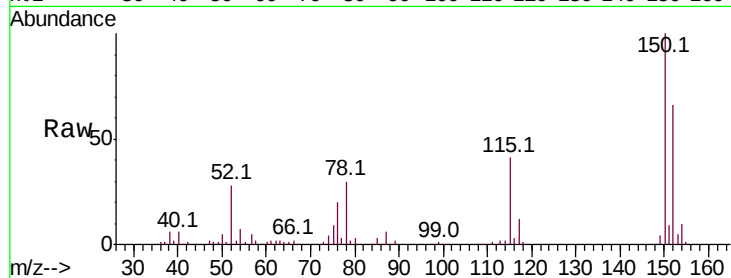
Tot Ion:152 Resp: 82465

Ion Ratio Lower Upper

152 100

115 61.2 42.7 128.1

150 153.3 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

