

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028704.D
 Acq On : 14 Dec 2018 23:41
 Operator : MD/SY
 Sample : J6395-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP1-181210

Quant Time: Dec 17 10:08:03 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

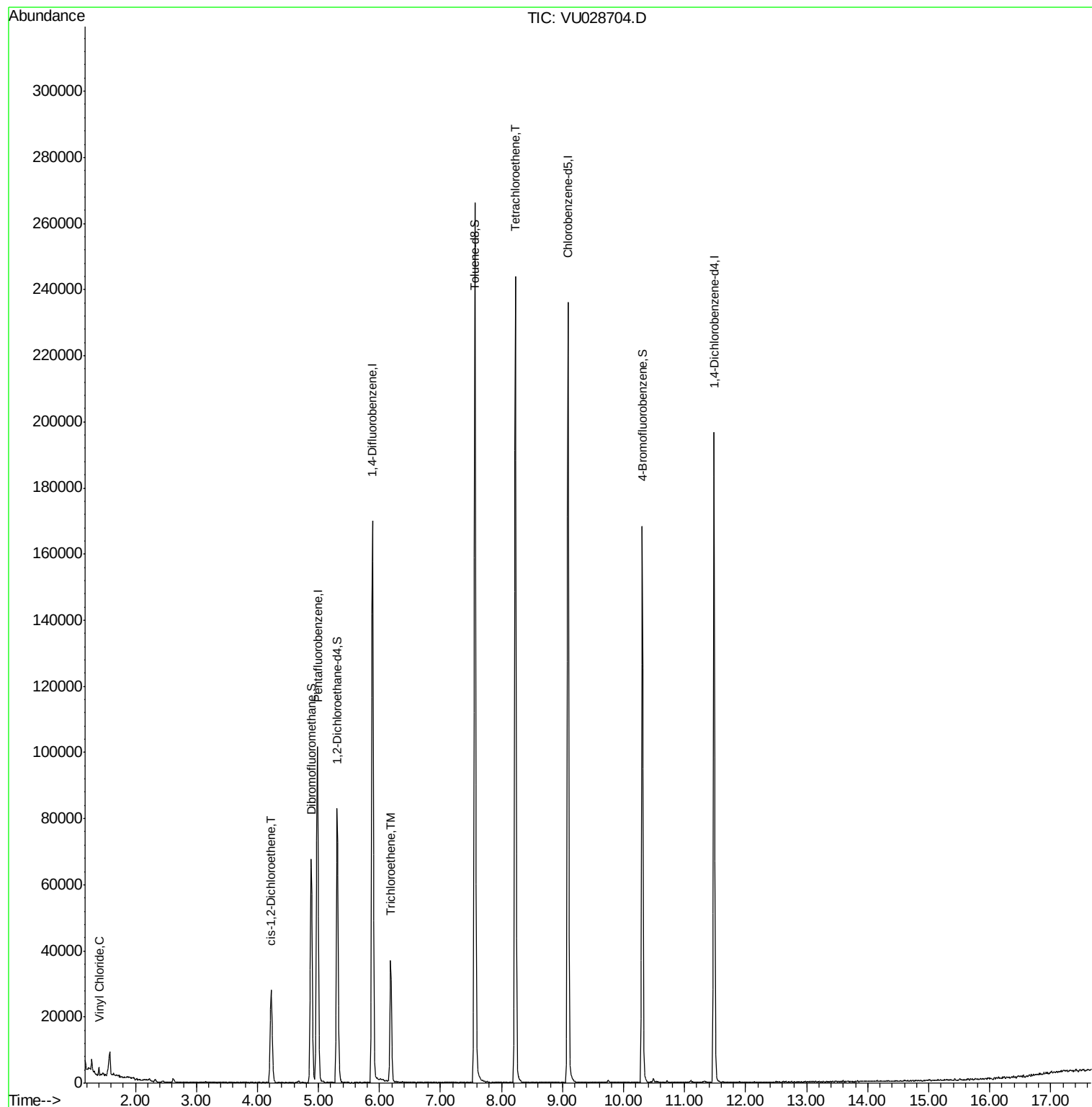
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	75296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	134476	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	123985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	47799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	63993	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
35) Dibromofluoromethane	4.88	113	47520	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
50) Toluene-d8	7.57	98	175117	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	10.30	95	56325	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1403	1.048	ug/l	92
27) cis-1,2-Dichloroethene	4.22	96	15207	14.234	ug/l	88
44) Trichloroethene	6.19	130	11683	12.123	ug/l	96
64) Tetrachloroethene	8.22	164	52420	63.385	ug/l	98

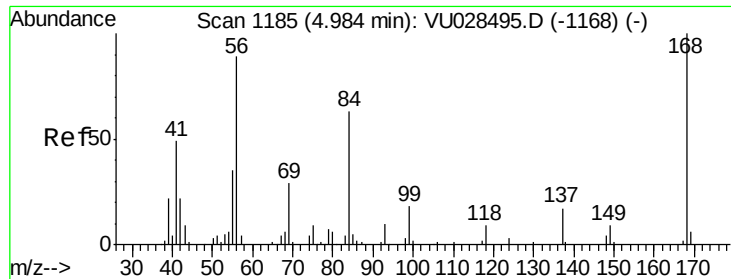
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028704.D

Acq: 14 Dec 2018 23:41

Instrument :

MSVOA_U

ClientSampleId :

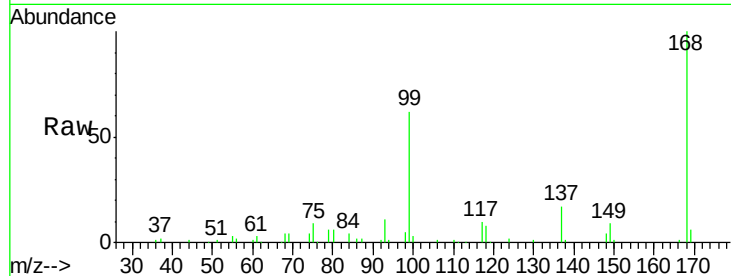
DUP1-181210

Tgt Ion:168 Resp: 75296

Ion Ratio Lower Upper

168 100

99 61.9 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

30000

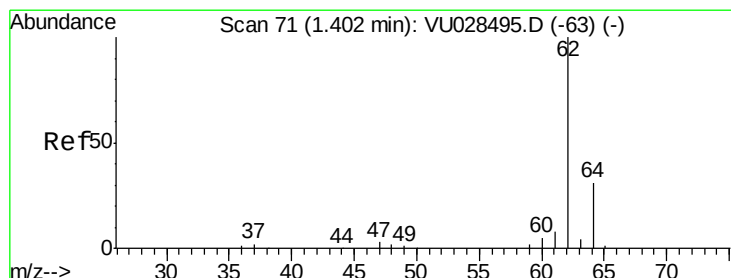
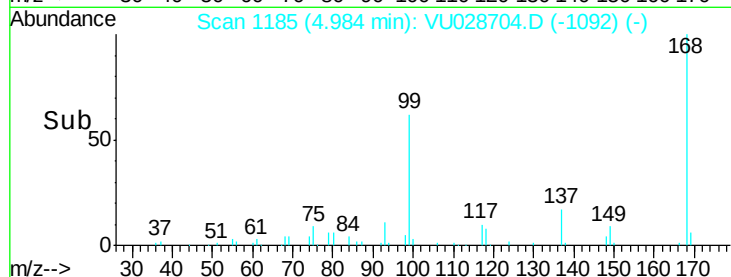
20000

10000

0

4.90 5.00 5.10

Time-->



#4

Vinyl Chloride

Concen: 1.048 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028704.D

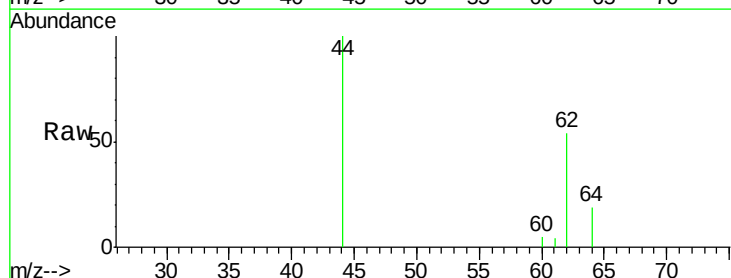
Acq: 14 Dec 2018 23:41

Tgt Ion: 62 Resp: 1403

Ion Ratio Lower Upper

62 100

64 35.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VU028495.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU028495.D (-63) (-)

1.40

1500

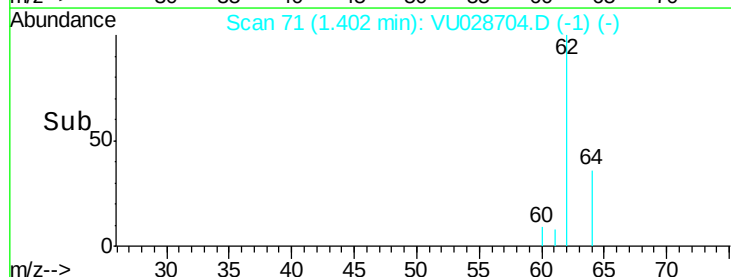
1000

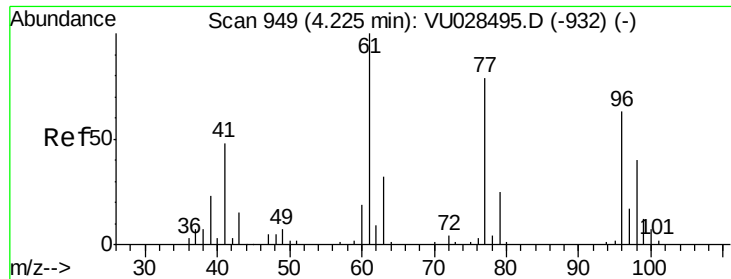
500

0

1.38 1.40 1.42

Time-->





#27

cis-1,2-Dichloroethene

Concen: 14.234 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028704.D

Acq: 14 Dec 2018 23:41

Instrument :

MSVOA_U

ClientSampleId :

DUP1-181210

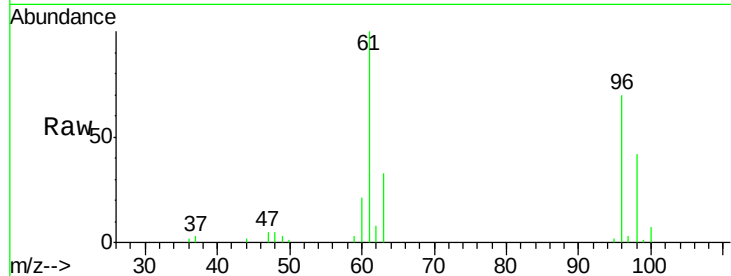
Tgt Ion: 96 Resp: 15207

Ion Ratio Lower Upper

96 100

61 144.8 0.0 332.4

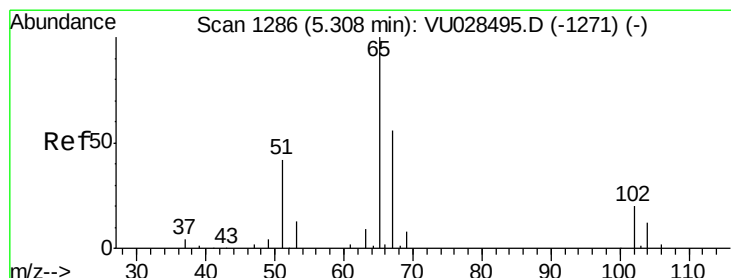
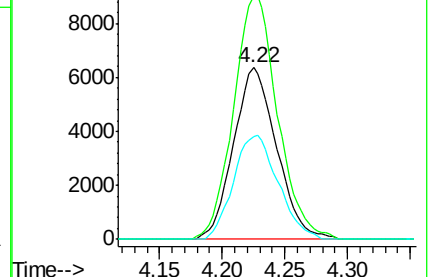
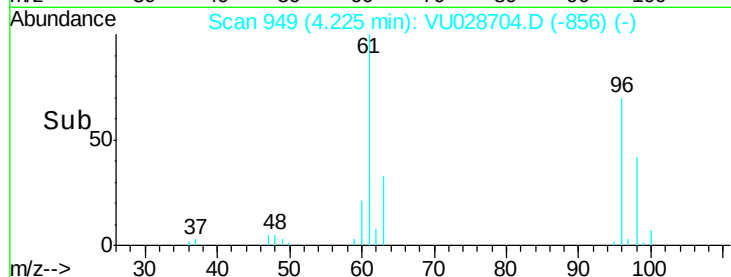
98 62.6 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VU028704.D (-856) (-)

Ion 60.90 (60.60 to 61.60): VU028704.D (-856) (-)

Ion 97.90 (97.60 to 98.60): VU028704.D (-856) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.691 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028704.D

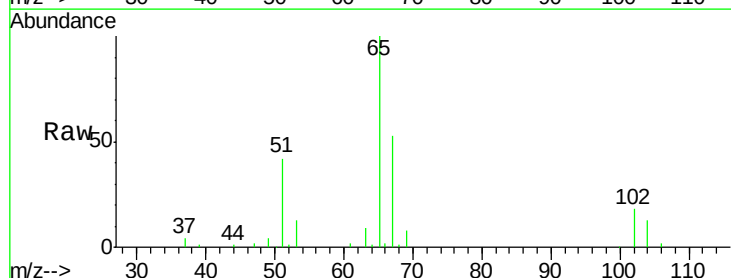
Acq: 14 Dec 2018 23:41

Tgt Ion: 65 Resp: 63993

Ion Ratio Lower Upper

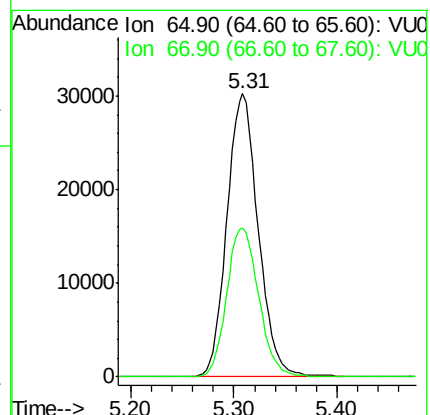
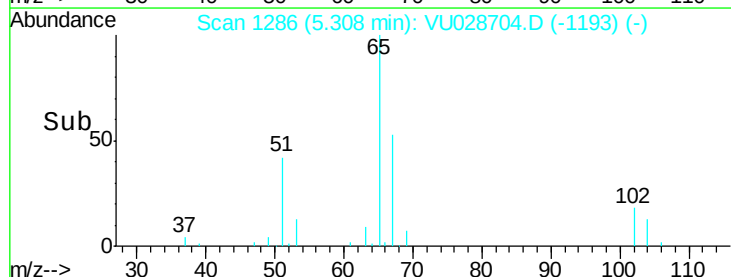
65 100

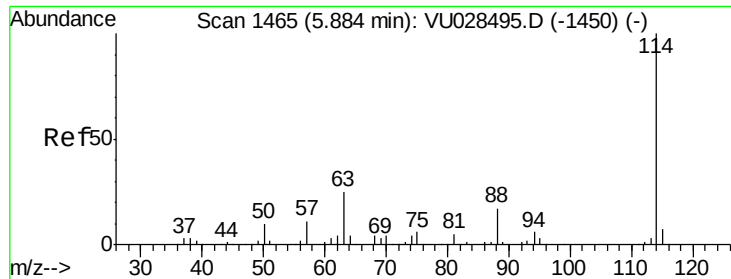
67 53.6 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028704.D (-1193) (-)

Ion 66.90 (66.60 to 67.60): VU028704.D (-1193) (-)

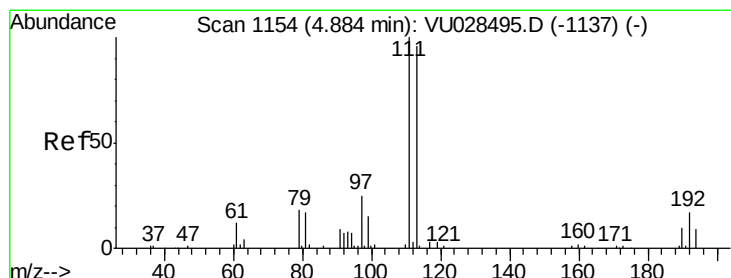
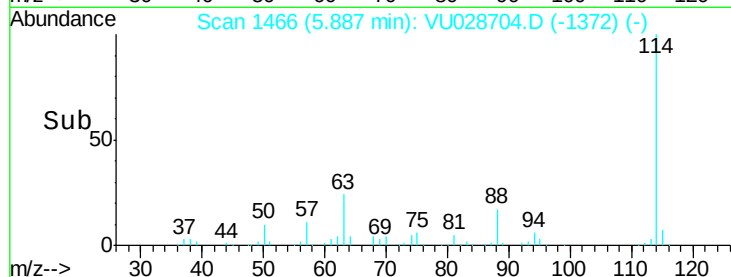
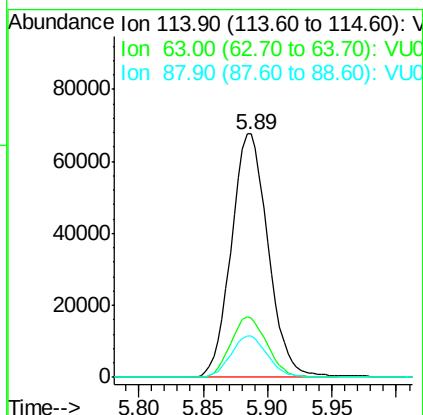
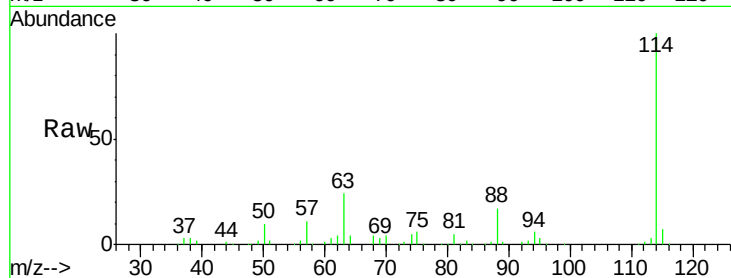




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028704.D
 Acq: 14 Dec 2018 23:41

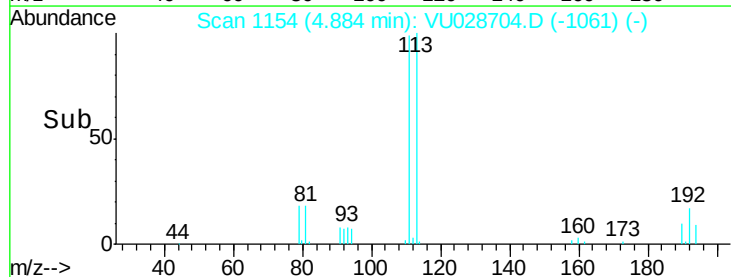
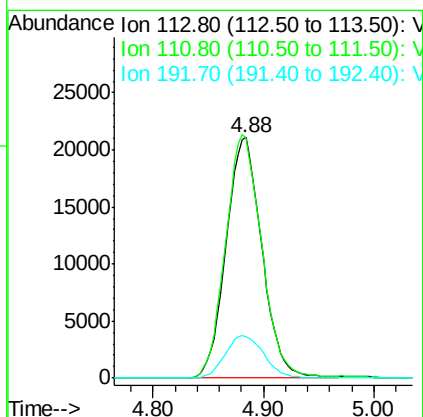
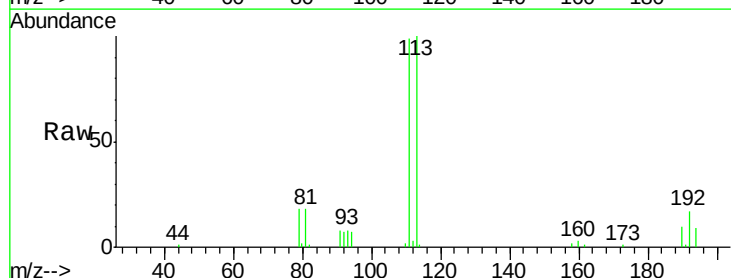
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP1-181210

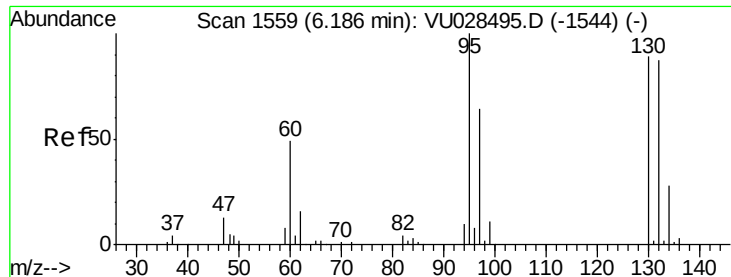
Tgt Ion:114 Resp: 134476
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.2
 88 16.8 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 56.152 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028704.D
 Acq: 14 Dec 2018 23:41

Tgt Ion:113 Resp: 47520
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.4 125.0
 192 18.8 14.8 22.2





#44

Trichloroethene

Concen: 12.123 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028704.D

Acq: 14 Dec 2018 23:41

Instrument :

MSVOA_U

ClientSampleId :

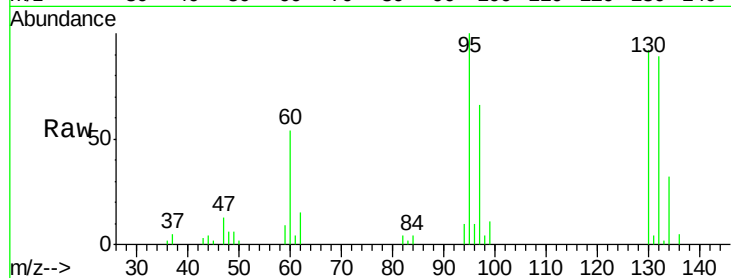
DUP1-181210

Tgt Ion:130 Resp: 11683

Ion Ratio Lower Upper

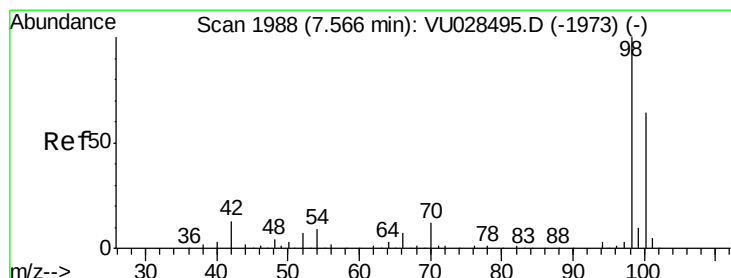
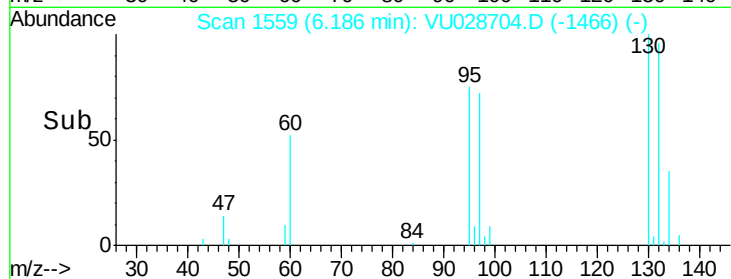
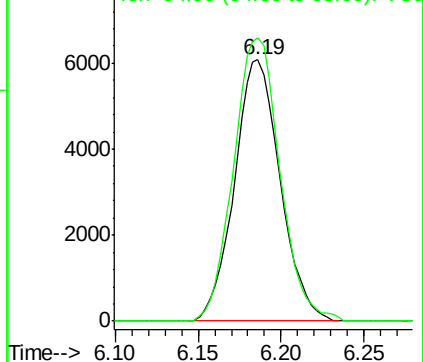
130 100

95 108.2 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 52.310 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028704.D

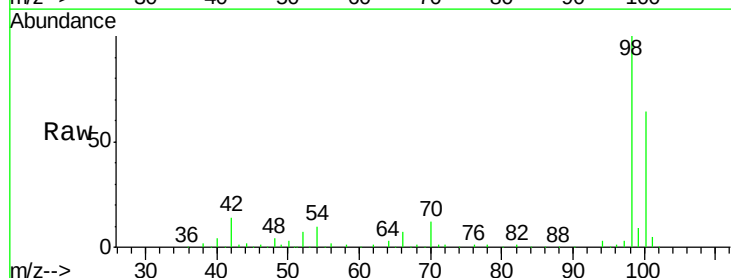
Acq: 14 Dec 2018 23:41

Tgt Ion: 98 Resp: 175117

Ion Ratio Lower Upper

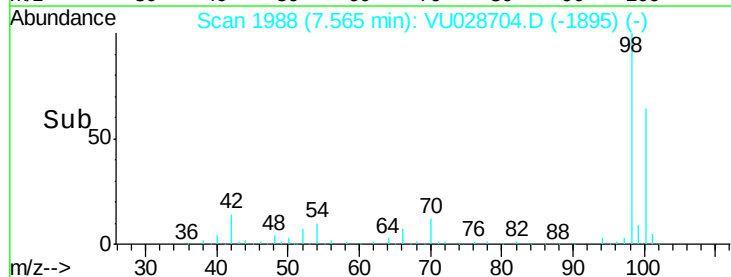
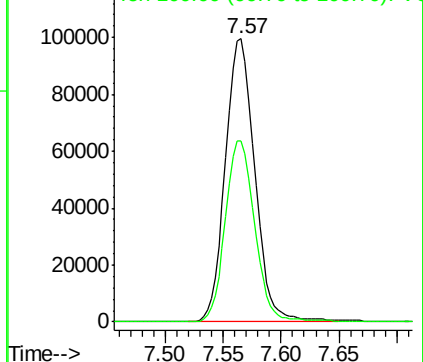
98 100

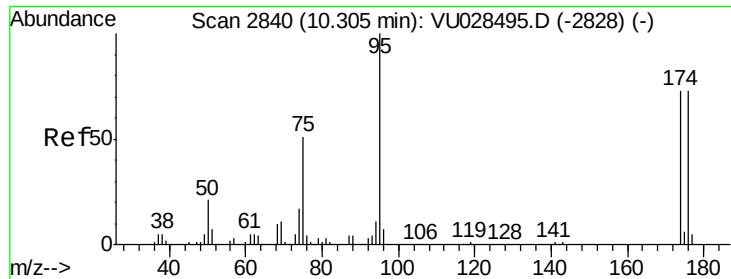
100 63.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

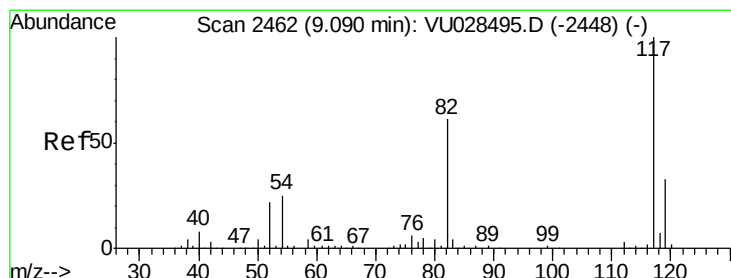
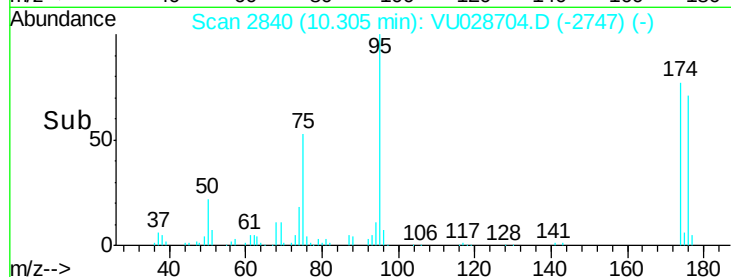
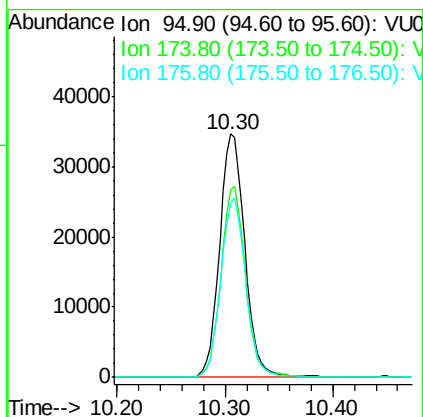
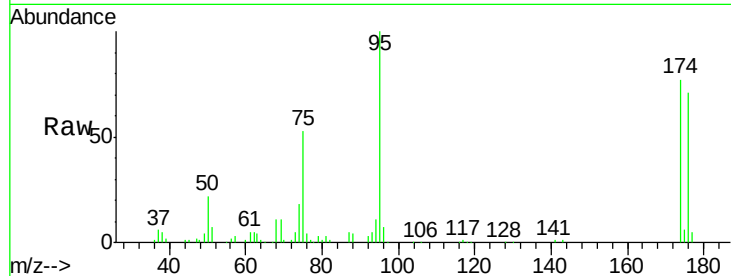




#62
 4-Bromofluorobenzene
 Concen: 45.015 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU028704.D
 Acq: 14 Dec 2018 23:41

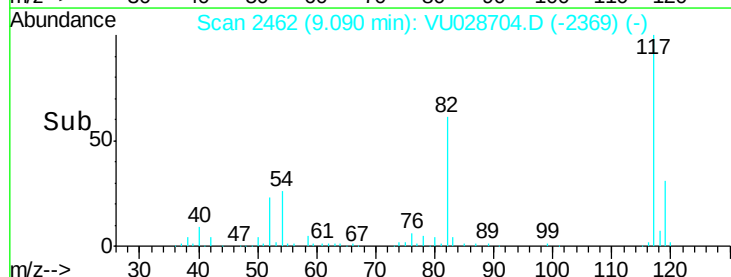
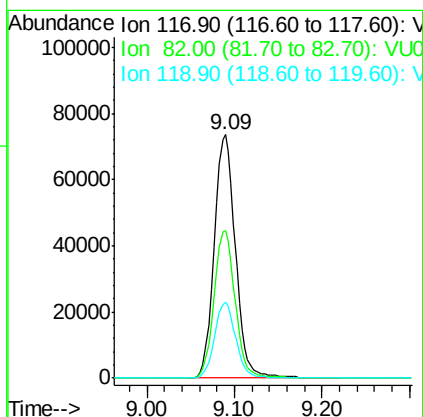
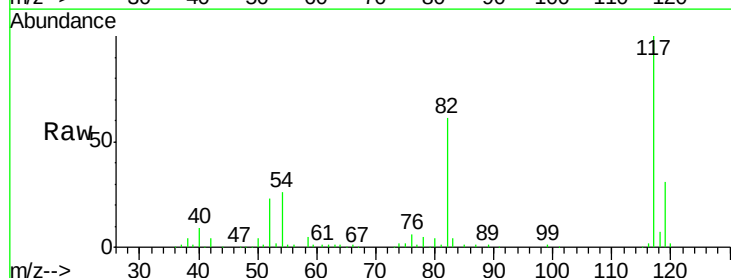
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP1-181210

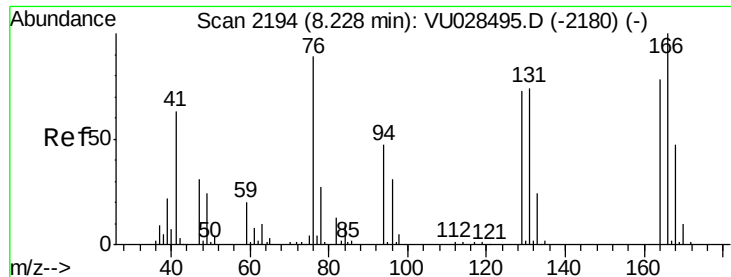
Tgt Ion: 95 Resp: 56325
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 150.4
 176 73.0 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028704.D
 Acq: 14 Dec 2018 23:41

Tgt Ion: 117 Resp: 123985
 Ion Ratio Lower Upper
 117 100
 82 60.7 48.9 73.3
 119 31.2 26.2 39.4

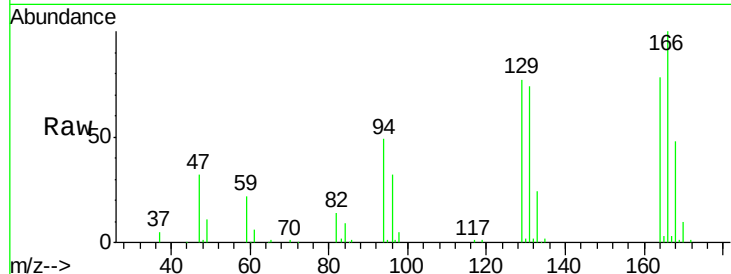




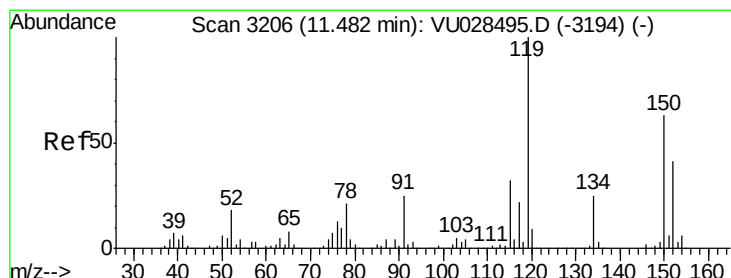
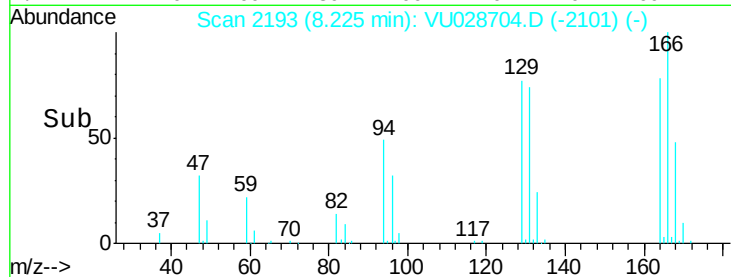
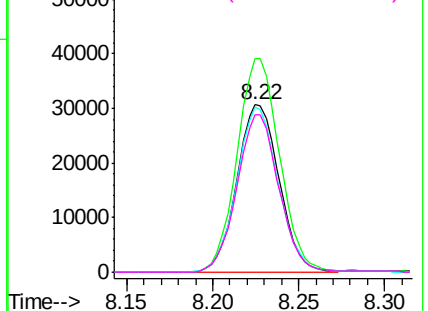
#64
Tetrachloroethene
Concen: 63.385 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028704.D
Acq: 14 Dec 2018 23:41

Instrument :
MSVOA_U
ClientSampleId :
DUP1-181210

Tgt Ion:164 Resp: 52420
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 98.4 74.9 112.3
131 93.9 75.4 113.0

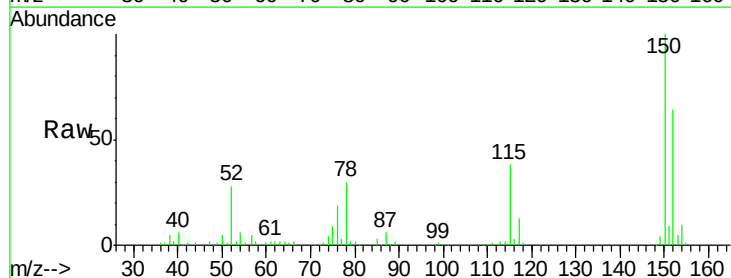


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028704.D
Acq: 14 Dec 2018 23:41

Tgt Ion:152 Resp: 47799
Ion Ratio Lower Upper
152 100
115 60.2 42.7 128.1
150 156.4 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

