

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028618.D
 Acq On : 11 Dec 2018 19:38
 Operator : MD/SY
 Sample : J6325-05DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D1-20181204DL

Quant Time: Dec 12 04:43:51 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

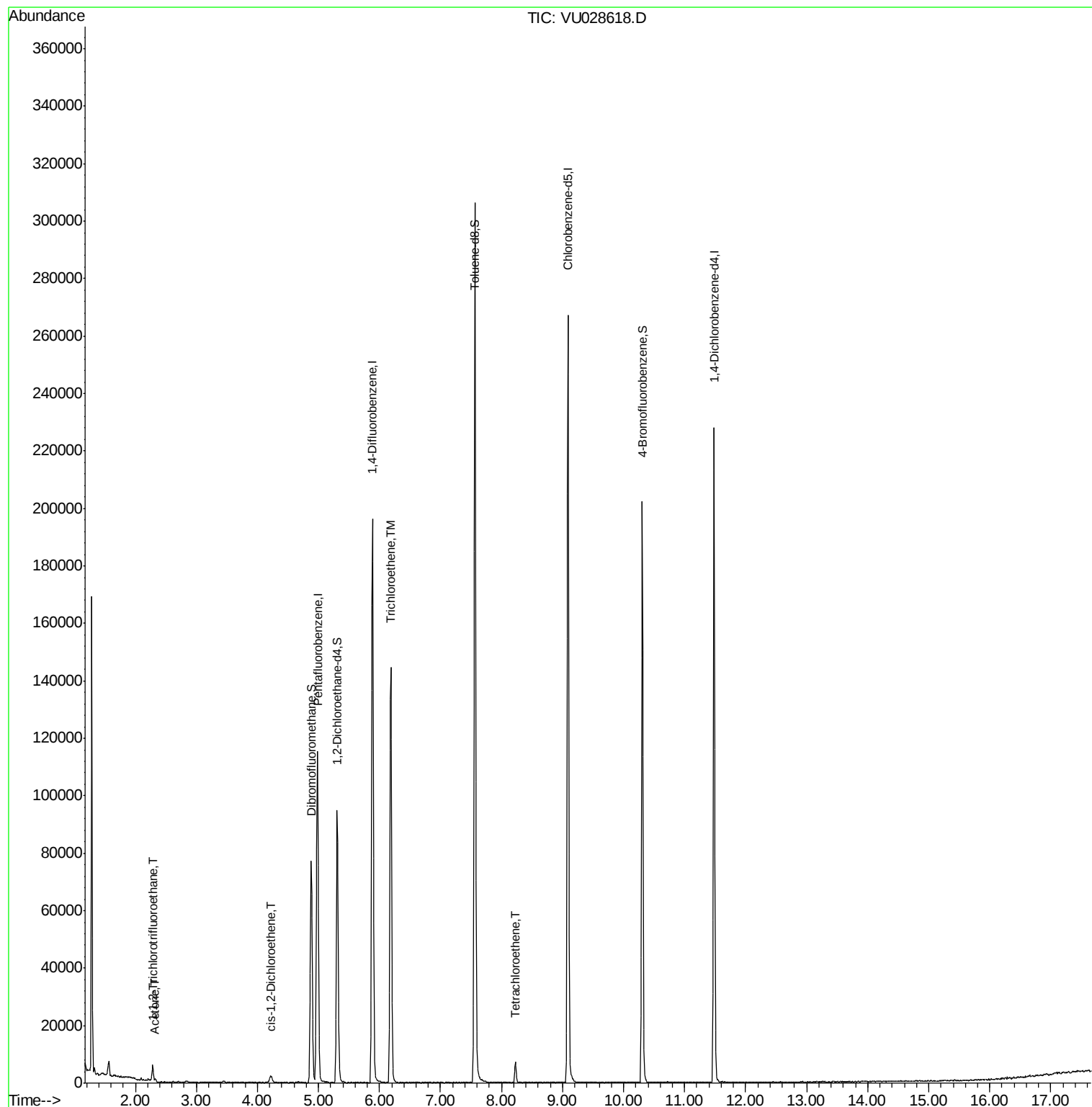
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	86175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	157569	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	143167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	55929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	71796	54.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.18%	
35) Dibromofluoromethane	4.88	113	53616	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
50) Toluene-d8	7.57	98	202706	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	10.30	95	67642	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.28	101	1797	1.864	ug/l	93
16) Acetone	2.32	43	1339	1.560	ug/l	92
27) cis-1,2-Dichloroethene	4.23	96	1144	0.936	ug/l	91
44) Trichloroethene	6.19	130	47656	42.205	ug/l	96
64) Tetrachloroethene	8.23	164	1534	1.606	ug/l	91

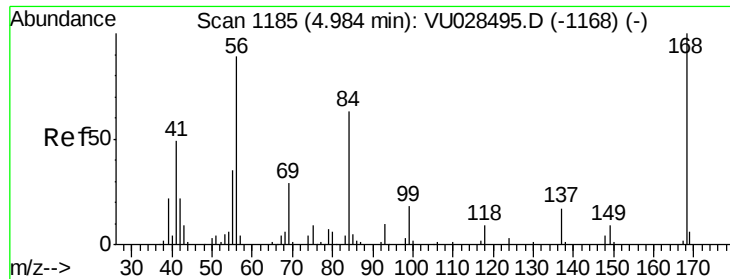
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
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: VU028618.D

Acq: 11 Dec 2018 19:38

Instrument :

MSVOA_U

ClientSampleId :

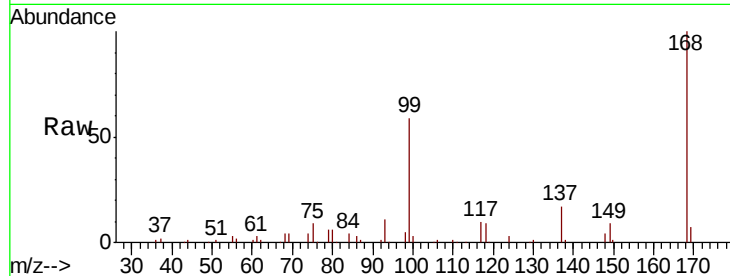
RE-125D1-20181204DL

Tot Ion:168 Resp: 86175

Ion Ratio Lower Upper

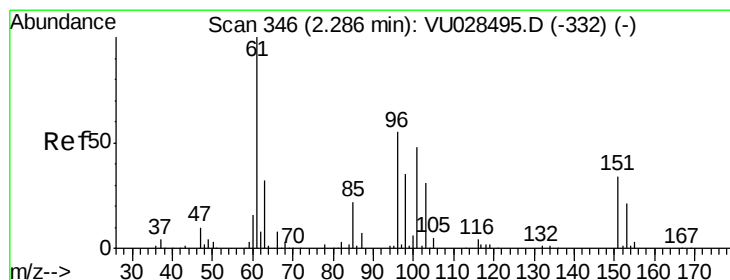
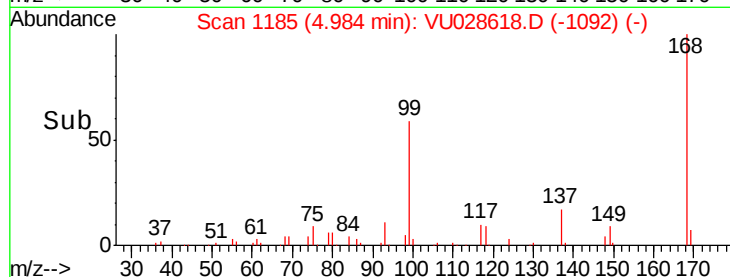
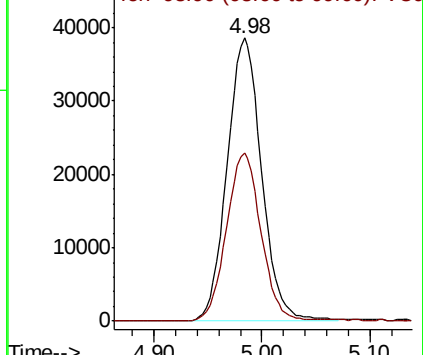
168 100

99 59.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.864 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028618.D

Acq: 11 Dec 2018 19:38

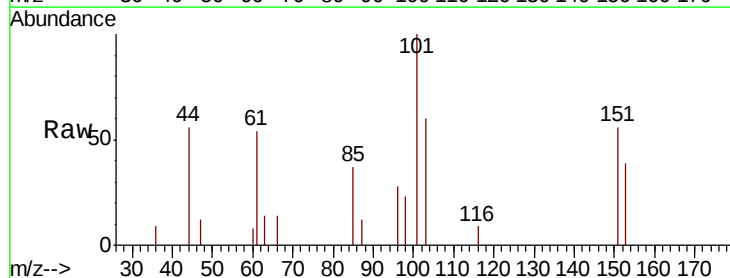
Tgt Ion:101 Resp: 1797

Ion Ratio Lower Upper

101 100

85 39.4 36.4 54.6

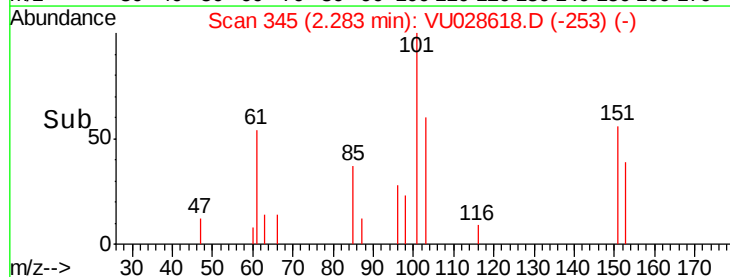
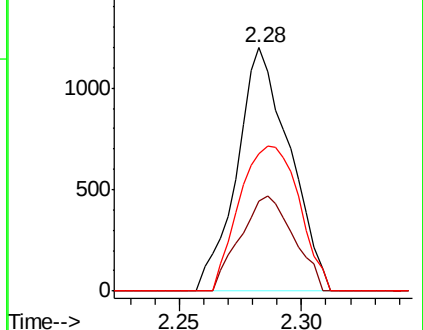
151 67.7 58.2 87.2

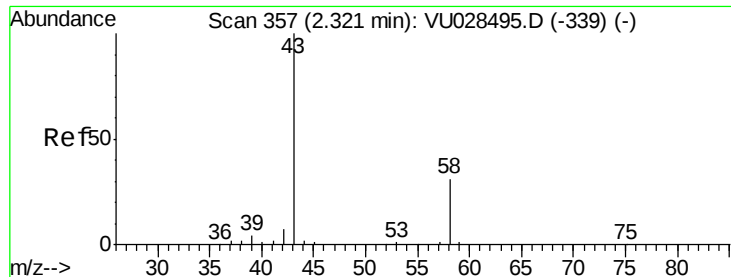


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V





#16

Acetone

Concen: 1.560 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028618.D

Acq: 11 Dec 2018 19:38

Instrument :

MSVOA_U

ClientSampleId :

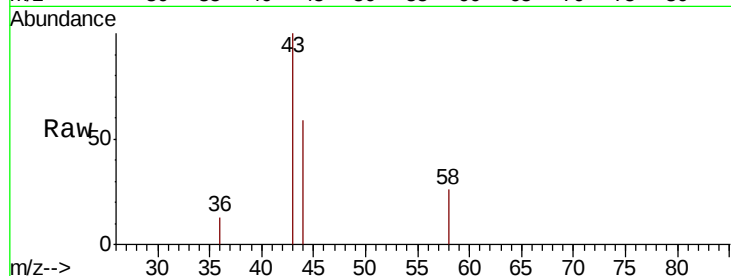
RE-125D1-20181204DL

Tot Ion: 43 Resp: 1339

Ion Ratio Lower Upper

43 100

58 26.2 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028495.D (-339) (-)

Ion 58.00 (57.70 to 58.70): VU028495.D (-339) (-)

2.32

800

600

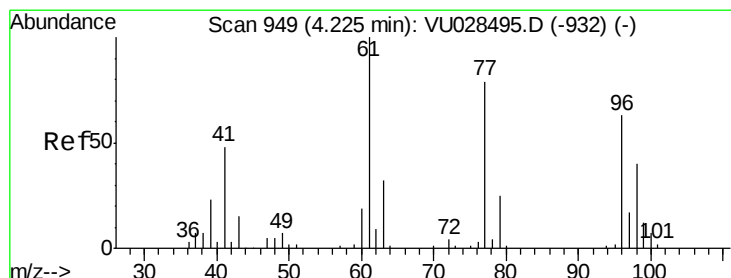
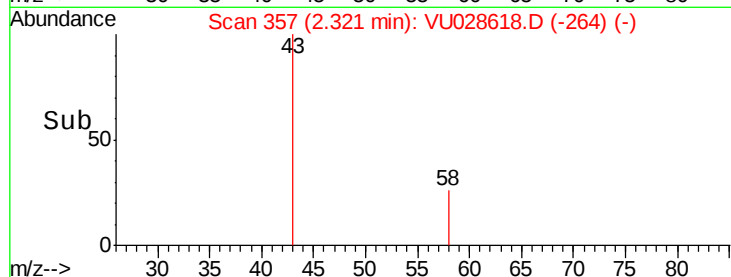
400

200

0

2.30 2.35

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.936 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028618.D

Acq: 11 Dec 2018 19:38

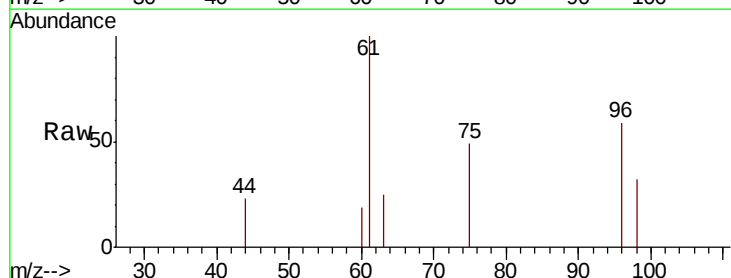
Tgt Ion: 96 Resp: 1144

Ion Ratio Lower Upper

96 100

61 158.5 0.0 332.4

98 52.0 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VU028495.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VU028495.D (-932) (-)

Ion 97.90 (97.60 to 98.60): VU028495.D (-932) (-)

4.23

800

600

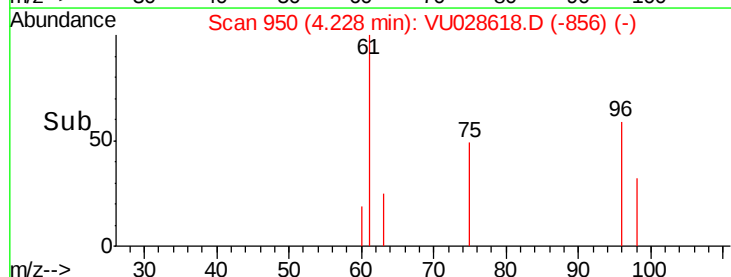
400

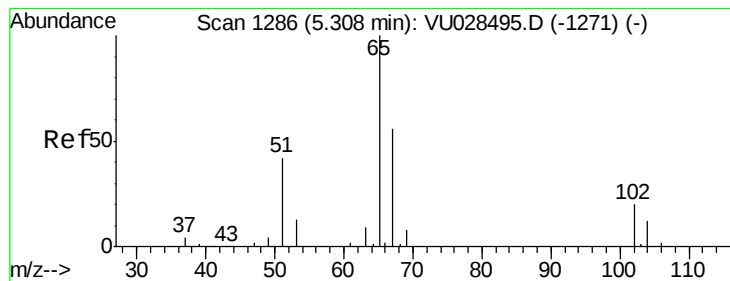
200

0

4.20 4.25

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.594 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028618.D

Acq: 11 Dec 2018 19:38

Instrument :

MSVOA_U

ClientSampleId :

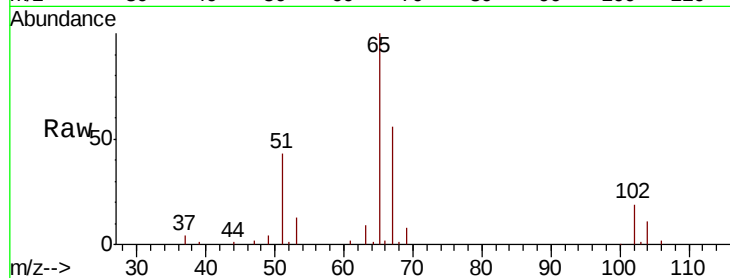
RE-125D1-20181204DL

Tot Ion: 65 Resp: 71796

Ion Ratio Lower Upper

65 100

67 55.8 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028618.D (-1193) (-)

Ion 66.90 (66.60 to 67.60): VU028618.D (-1193) (-)

5.31

40000

30000

20000

10000

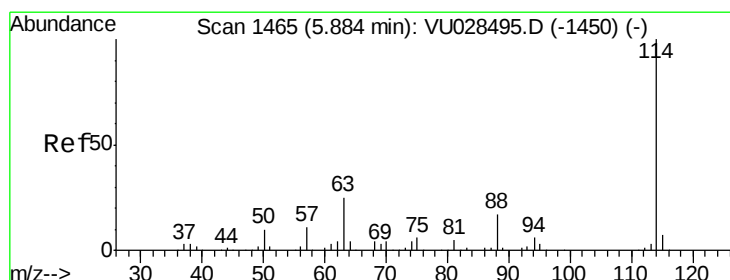
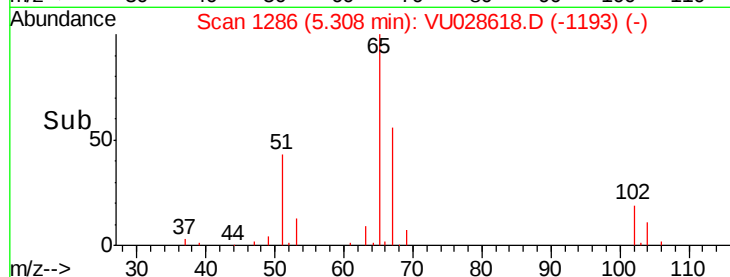
0

Time-->

5.20

5.30

5.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. -0.00 min

Lab File: VU028618.D

Acq: 11 Dec 2018 19:38

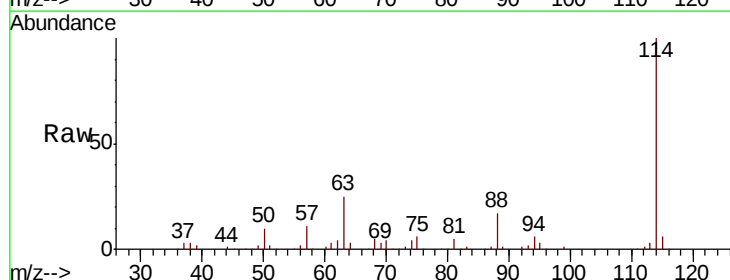
Tgt Ion: 114 Resp: 157569

Ion Ratio Lower Upper

114 100

63 25.0 0.0 49.2

88 16.6 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): VU028618.D (-1372) (-)

Ion 63.00 (62.70 to 63.70): VU028618.D (-1372) (-)

Ion 87.90 (87.60 to 88.60): VU028618.D (-1372) (-)

5.88

100000

80000

60000

40000

20000

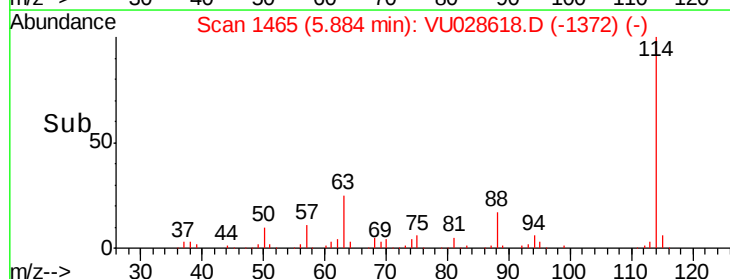
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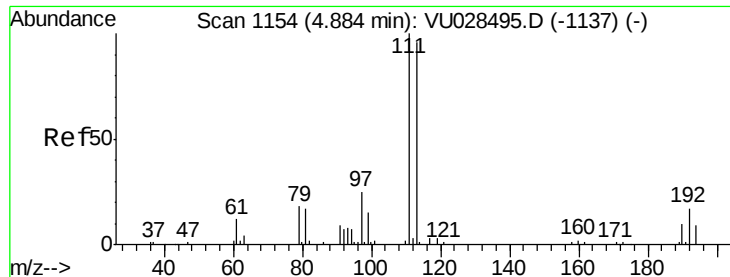
Time-->

5.80

5.90

6.00

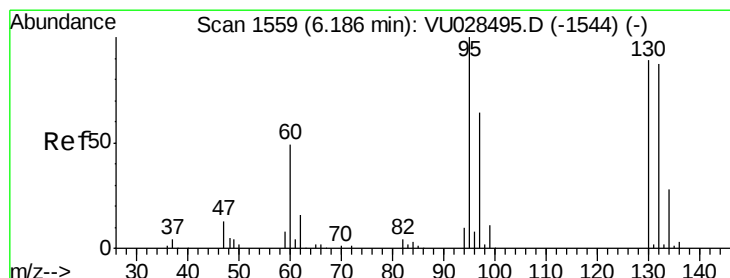
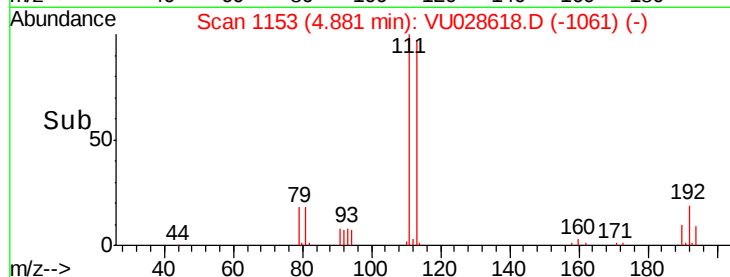
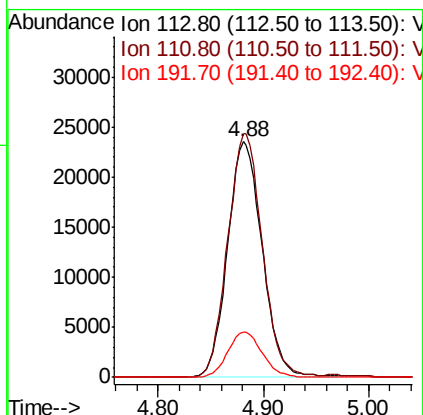
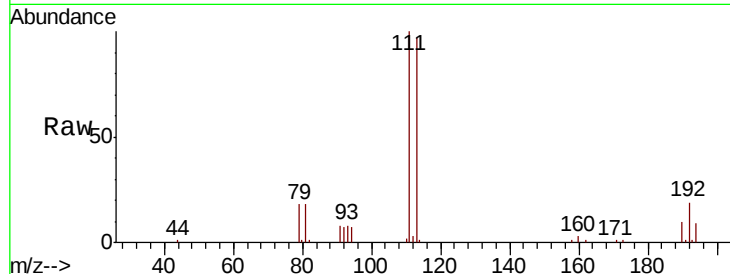




#35
 Dibromofluoromethane
 Concen: 54.071 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028618.D
 Acq: 11 Dec 2018 19:38

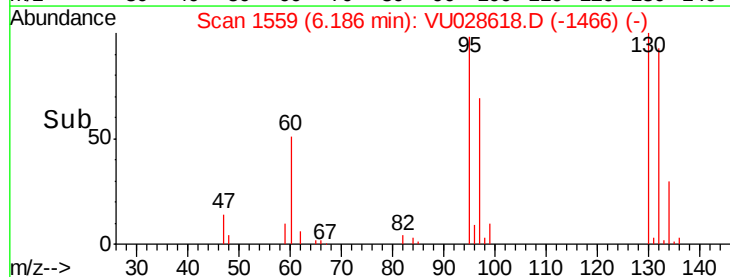
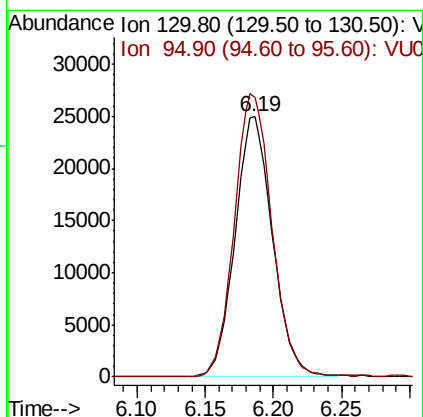
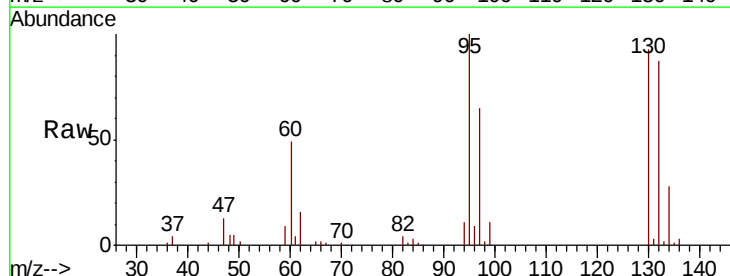
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D1-20181204DL

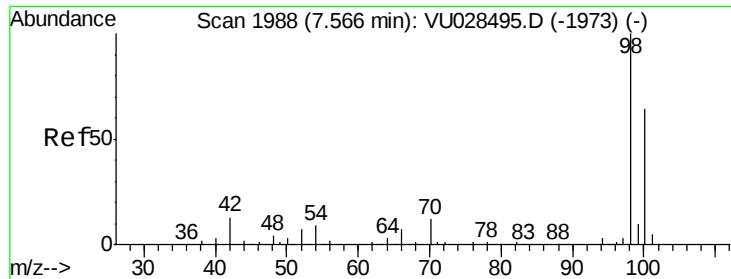
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.0
192	18.9	14.8	22.2



#44
 Trichloroethene
 Concen: 42.205 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU028618.D
 Acq: 11 Dec 2018 19:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	224.0

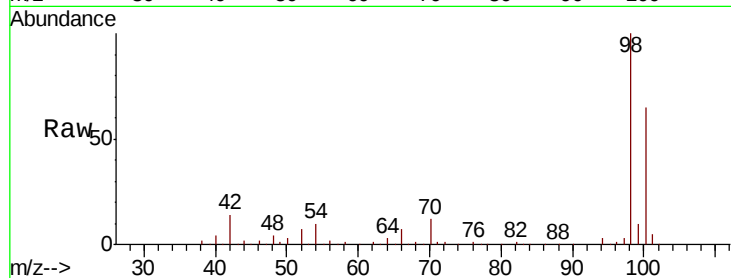




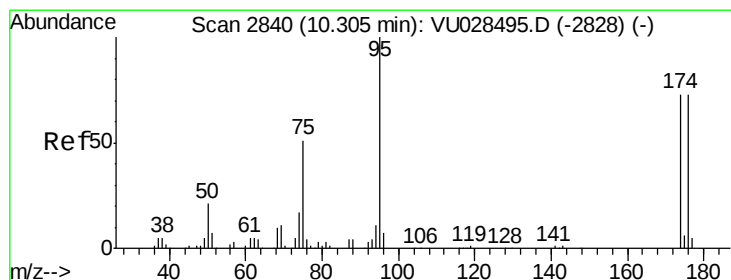
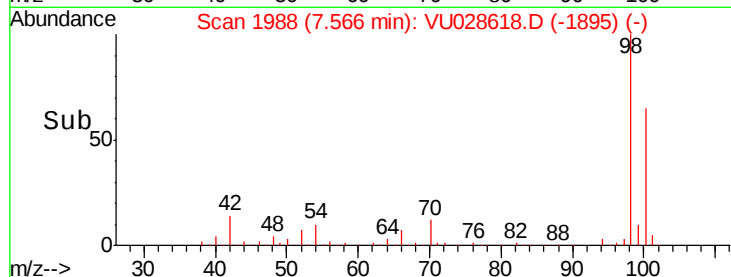
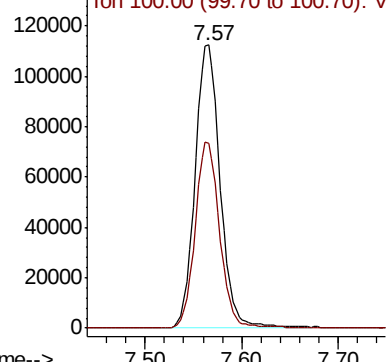
#50
Toluene-d8
Concen: 51.677 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028618.D
Acq: 11 Dec 2018 19:38

Instrument :
MSVOA_U
ClientSampleId :
RE-125D1-20181204DL

Tot Ion: 98 Resp: 202706
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.6

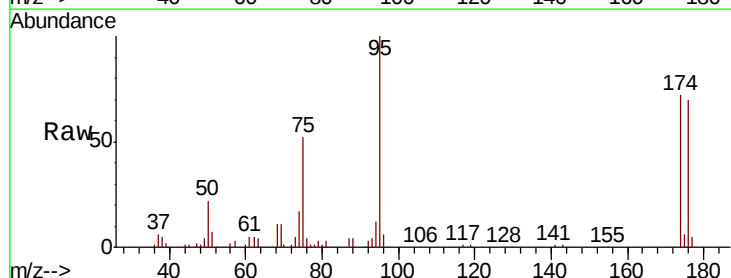


Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

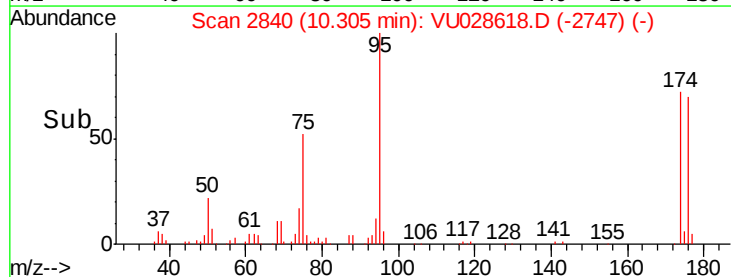
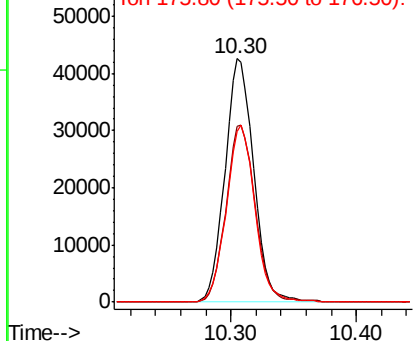


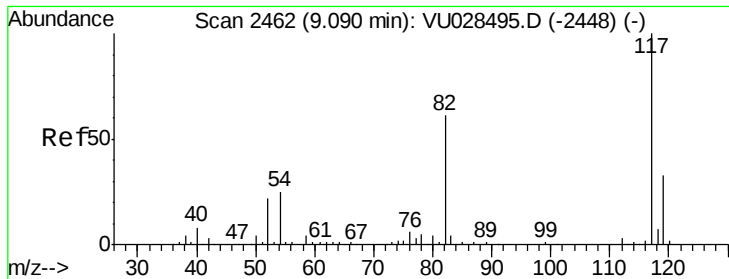
#62
4-Bromofluorobenzene
Concen: 46.137 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028618.D
Acq: 11 Dec 2018 19:38

Tgt Ion: 95 Resp: 67642
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.4
176 72.2 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

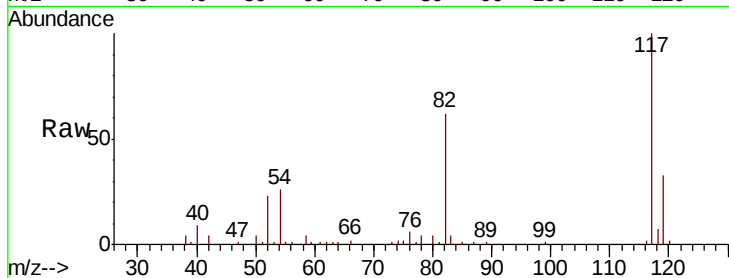




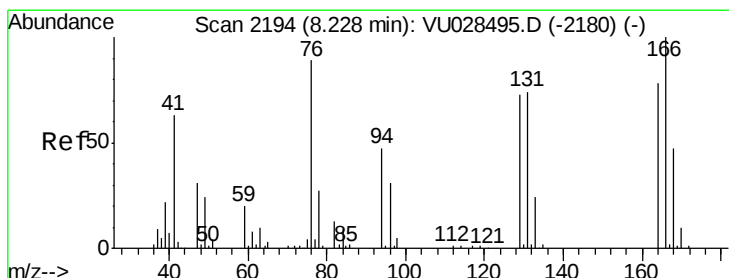
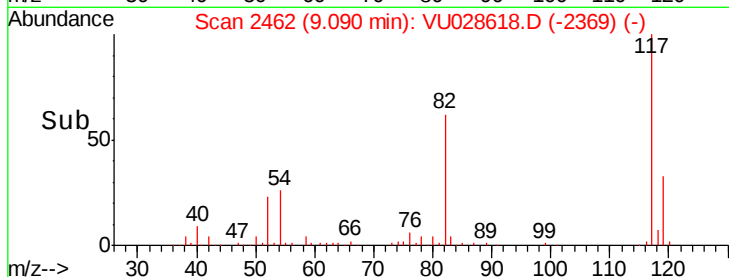
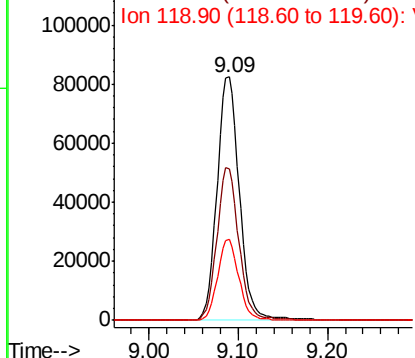
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028618.D
Acq: 11 Dec 2018 19:38

Instrument :
MSVOA_U
ClientSampleId :
RE-125D1-20181204DL

Tot Ion:117 Resp: 143167
Ion Ratio Lower Upper
117 100
82 62.2 48.9 73.3
119 33.1 26.2 39.4

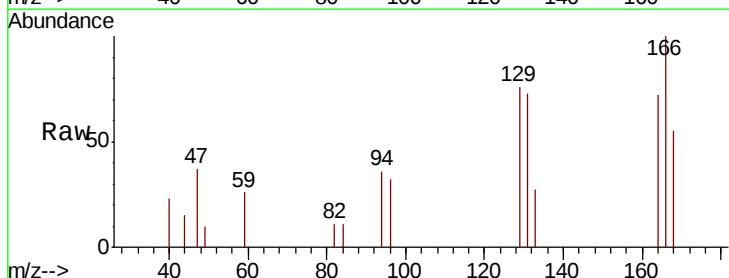


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

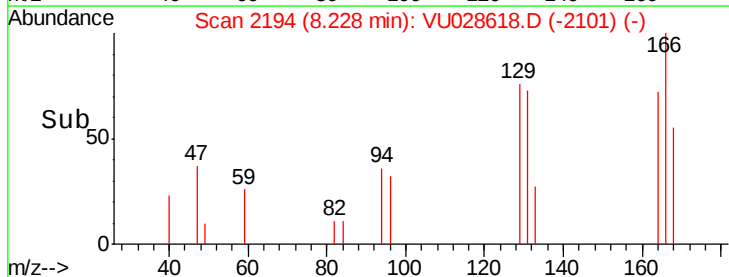
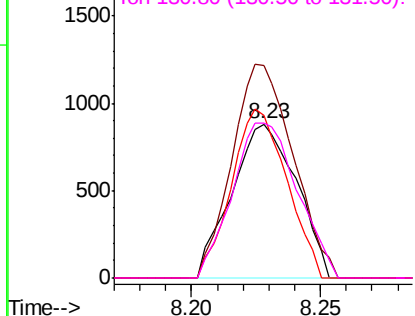


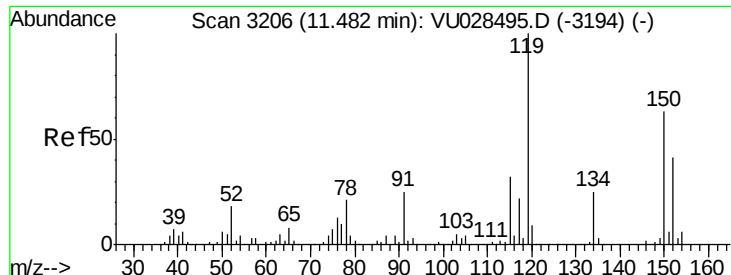
#64
Tetrachloroethene
Concen: 1.606 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028618.D
Acq: 11 Dec 2018 19:38

Tgt Ion:164 Resp: 1534
Ion Ratio Lower Upper
164 100
166 138.0 101.9 152.9
129 105.4 74.9 112.3
131 100.5 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: VU028618.D
 Acq: 11 Dec 2018 19:38

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D1-20181204DL

Tot Ion:152 Resp: 55929
 Ion Ratio Lower Upper
 152 100
 115 59.7 42.7 128.1
 150 154.7 0.0 346.0

