

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU112818\
 Data File : VU028364.D
 Acq On : 28 Nov 2018 14:31
 Operator : MD/SY
 Sample : J6082-01ME
 Misc : 7.62g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0490ME

Quant Time: Nov 29 06:59:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

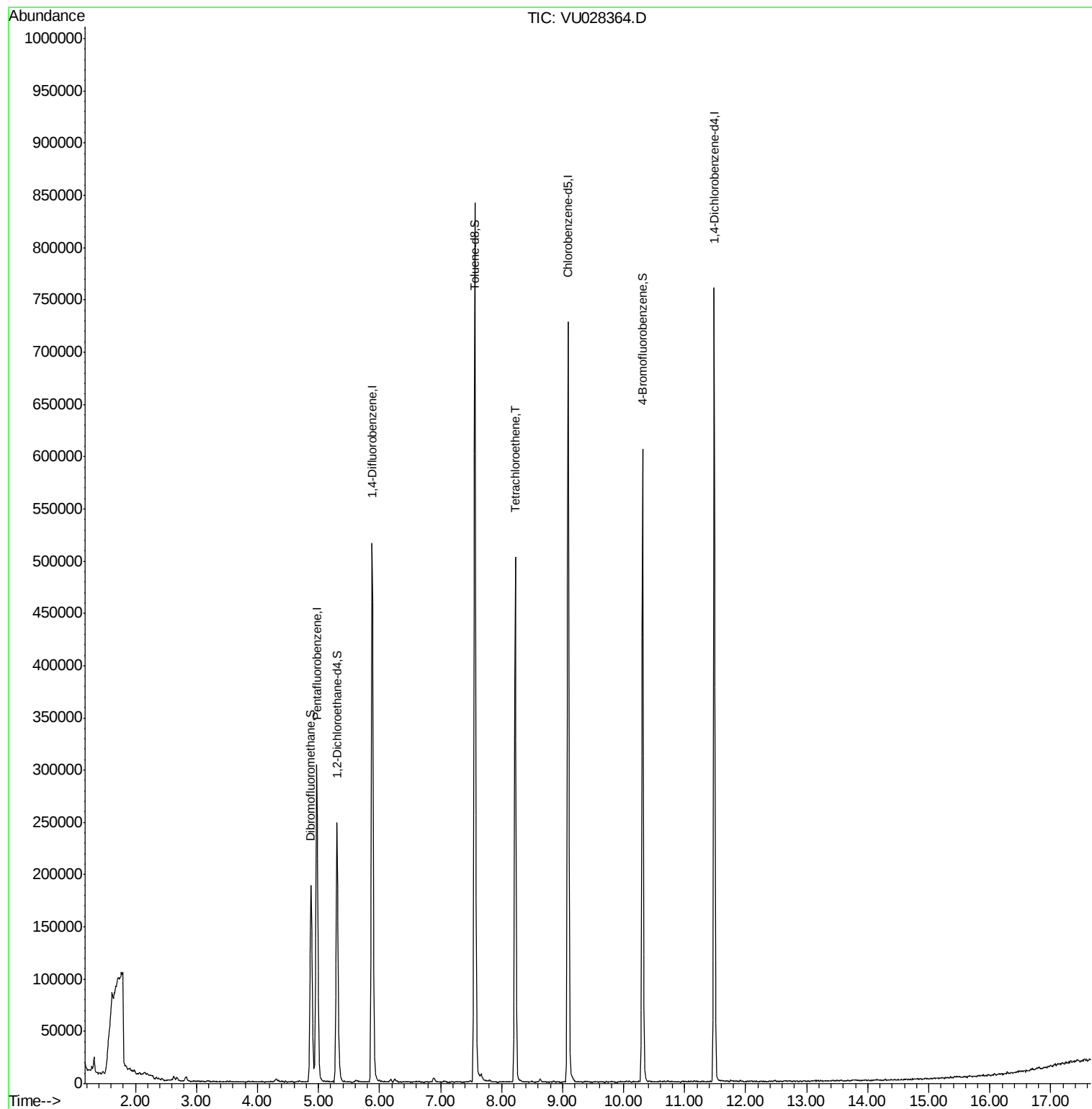
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	233671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	436570	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	401324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	179287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	203568	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
35) Dibromofluoromethane	4.88	113	141313	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	7.56	98	563678	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	10.31	95	209878	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
Target Compounds						
64) Tetrachloroethene	8.22	164	110760	41.956	ug/l	Qvalue 99

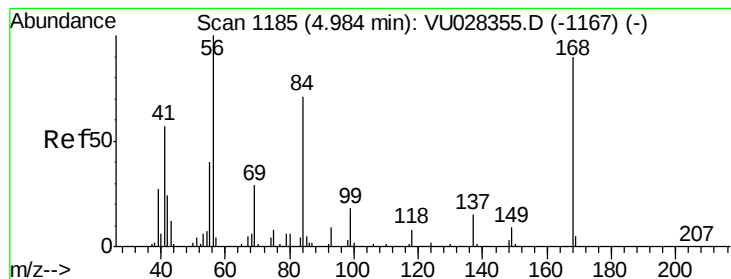
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU028364.D

Acq: 28 Nov 2018 14:31

Instrument :

MSVOA_U

ClientSampleId :

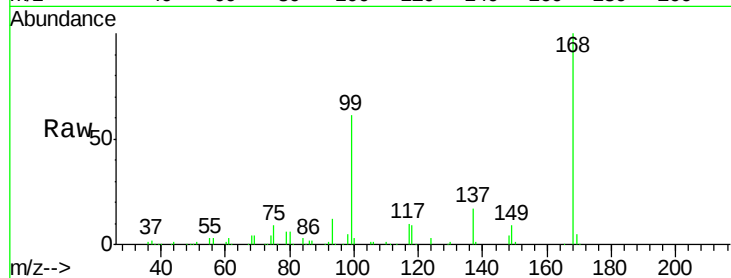
S49-0490ME

Tot Ion:168 Resp: 233671

Ion Ratio Lower Upper

168 100

99 61.0 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.97

100000

80000

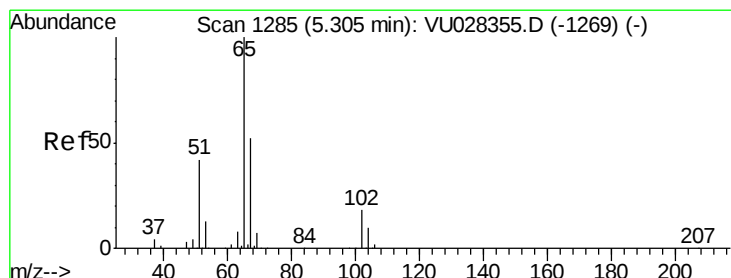
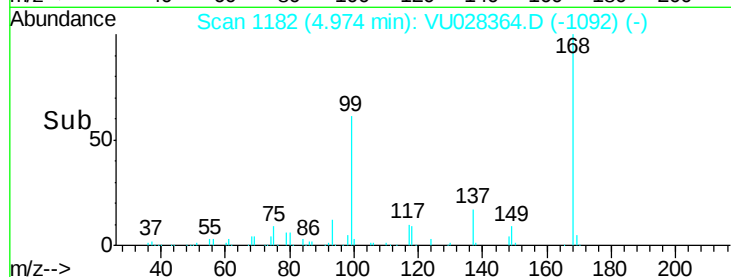
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.127 ug/l

RT: 5.30 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VU028364.D

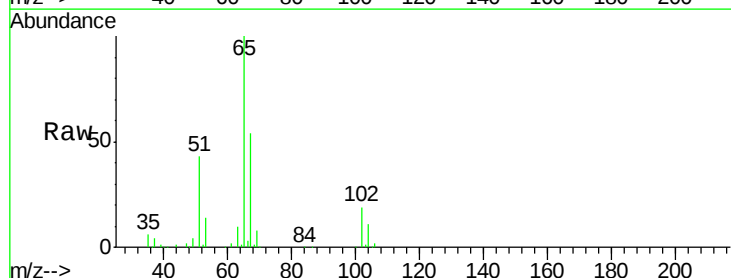
Acq: 28 Nov 2018 14:31

Tgt Ion: 65 Resp: 203568

Ion Ratio Lower Upper

65 100

67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU028355.D (-1269) (-)

Ion 66.90 (66.60 to 67.60): VU028355.D (-1269) (-)

5.30

100000

80000

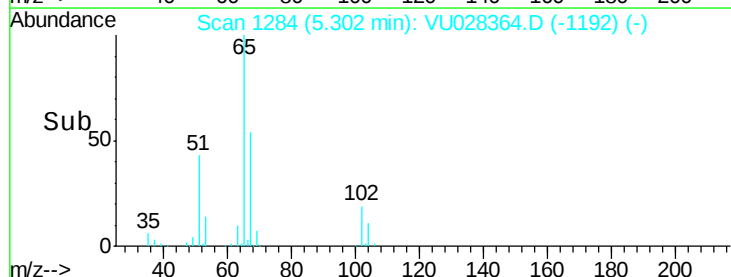
60000

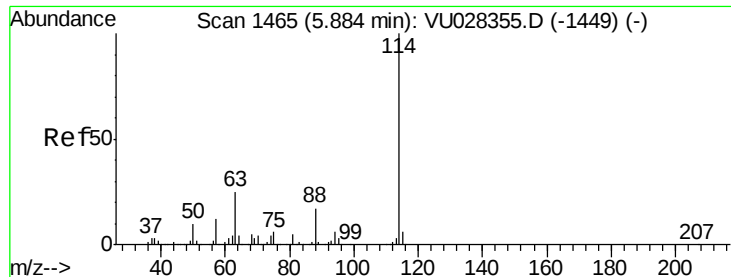
40000

20000

0

Time-->

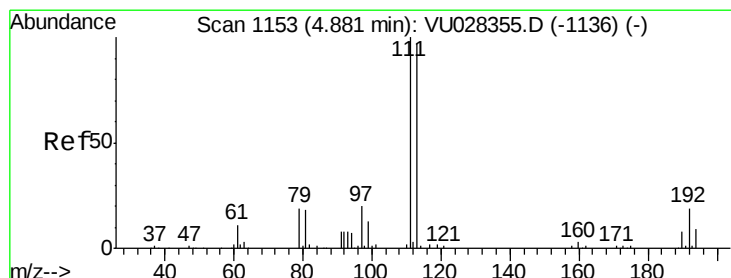
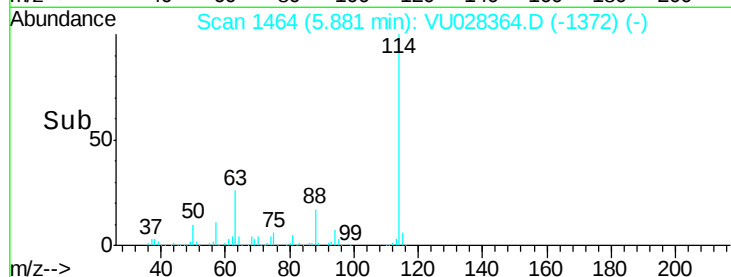
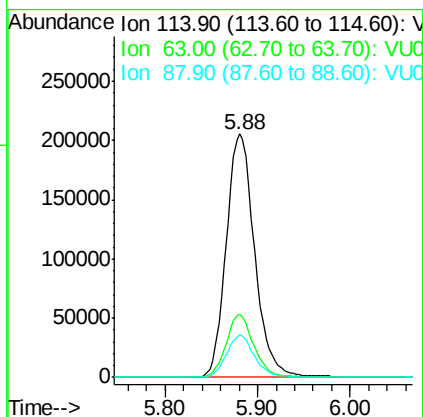
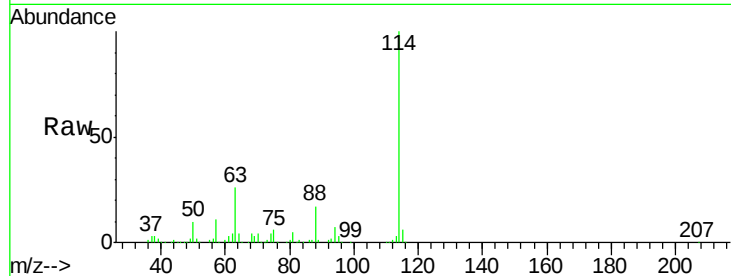




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VU028364.D
 Acq: 28 Nov 2018 14:31

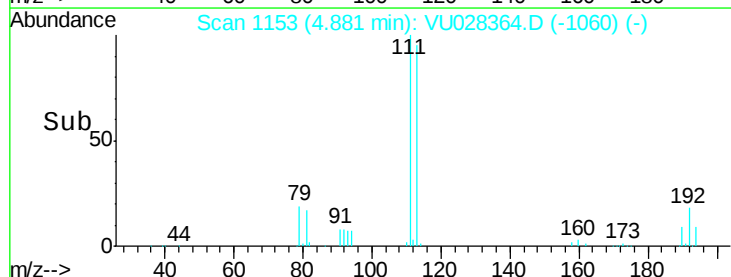
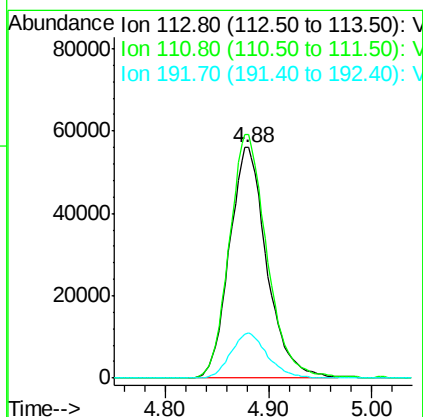
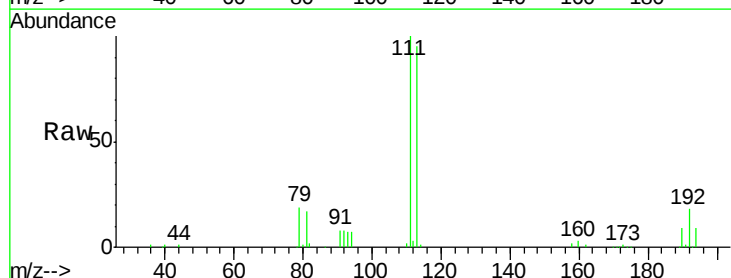
Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0490ME

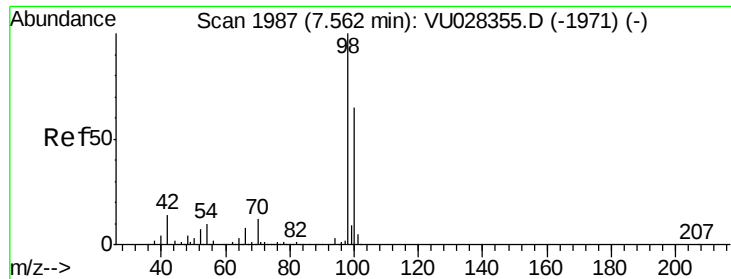
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.0	0.0	50.0
88	17.5	0.0	34.4



#35
 Dibromofluoromethane
 Concen: 48.678 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028364.D
 Acq: 28 Nov 2018 14:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.9	124.3
192	19.1	15.4	23.0





#50

Toluene-d8

Concen: 48.551 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028364.D

Acq: 28 Nov 2018 14:31

Instrument :

MSVOA_U

ClientSampleId :

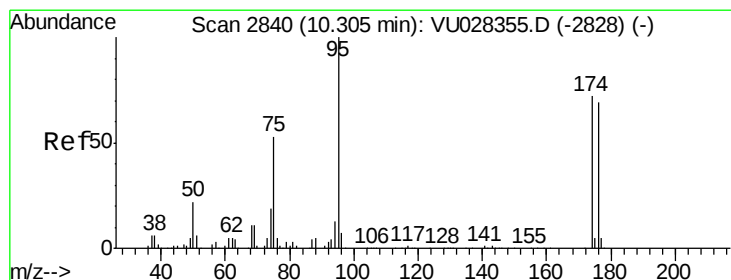
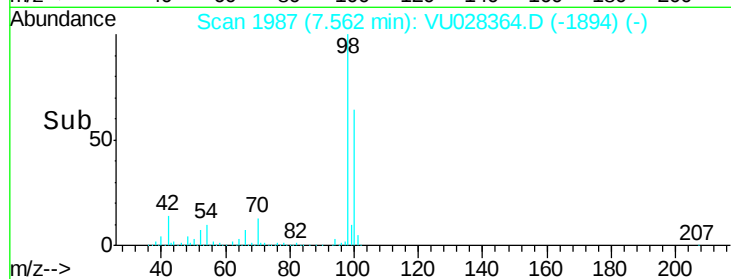
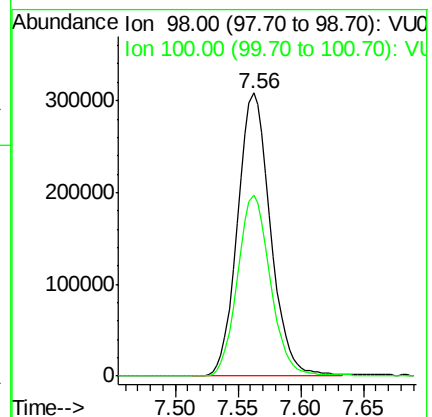
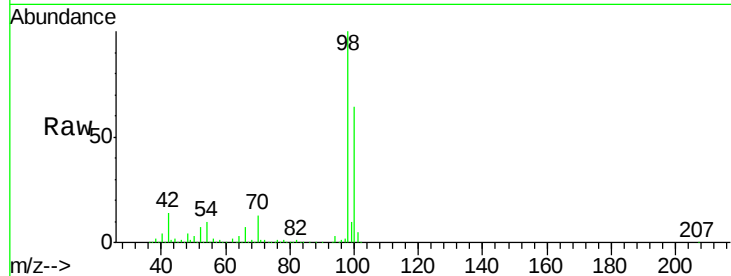
S49-0490ME

Tot Ion: 98 Resp: 563678

Ion Ratio Lower Upper

98 100

100 63.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 50.155 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.01 min

Lab File: VU028364.D

Acq: 28 Nov 2018 14:31

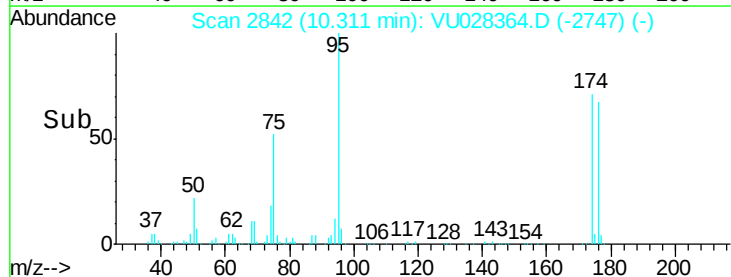
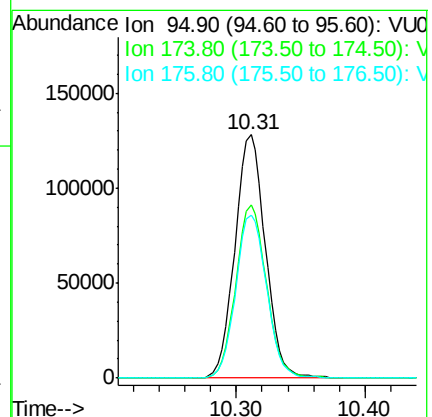
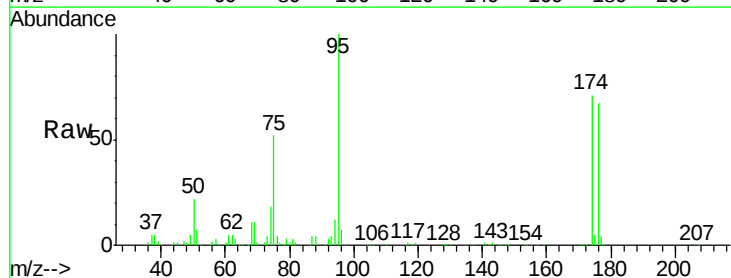
Tgt Ion: 95 Resp: 209878

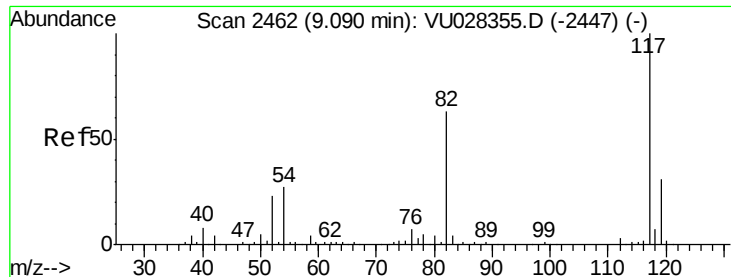
Ion Ratio Lower Upper

95 100

174 71.8 0.0 145.4

176 68.7 0.0 140.8

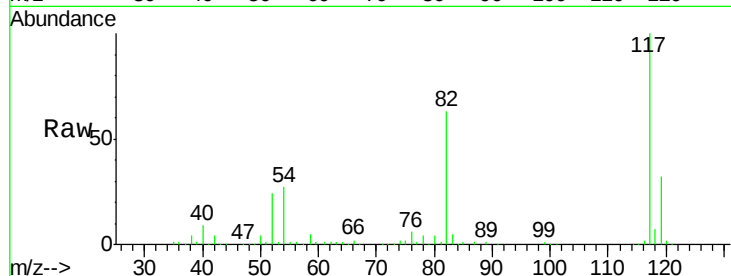




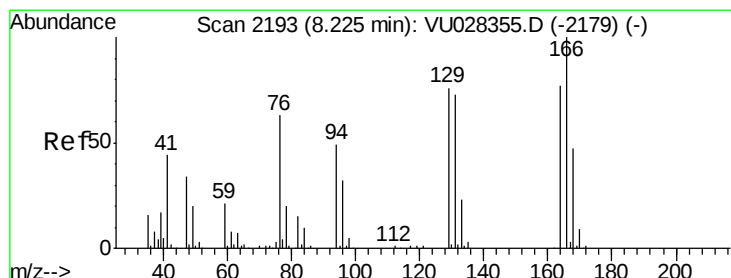
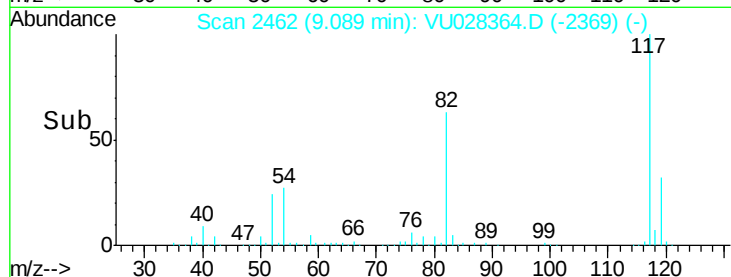
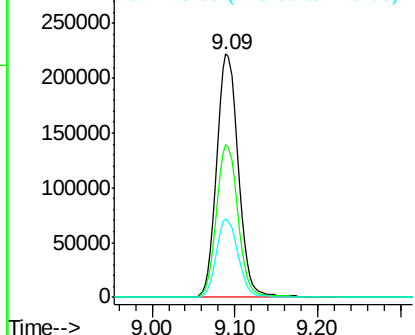
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Instrument :
MSVOA_U
ClientSampleId :
S49-0490ME

Tot Ion:117 Resp: 401324
Ion Ratio Lower Upper
117 100
82 62.6 50.3 75.5
119 32.4 24.8 37.2



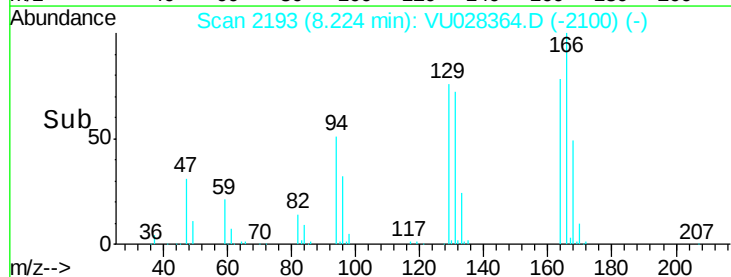
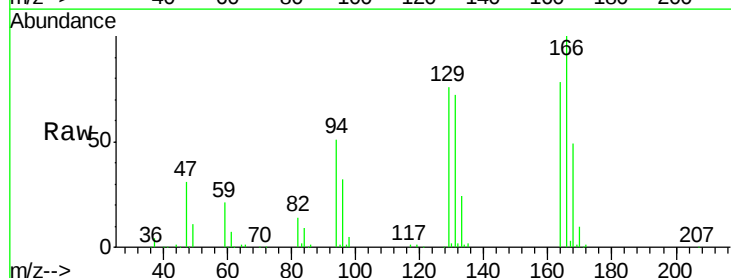
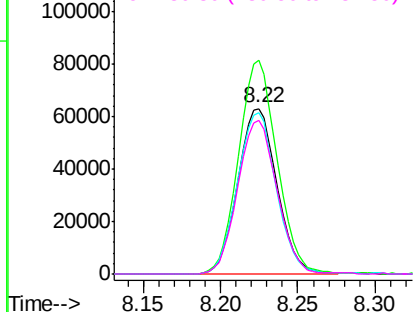
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

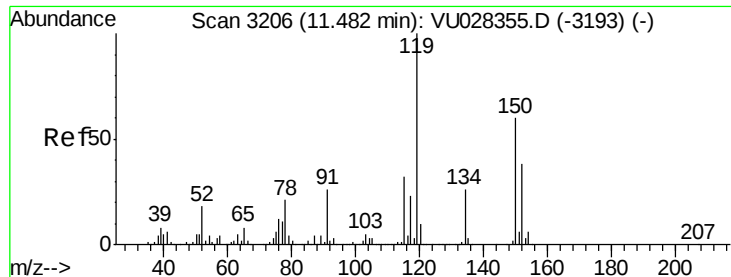


#64
Tetrachloroethene
Concen: 41.956 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028364.D
Acq: 28 Nov 2018 14:31

Tgt Ion:164 Resp: 110760
Ion Ratio Lower Upper
164 100
166 128.9 104.0 156.0
129 97.6 79.2 118.8
131 93.0 75.7 113.5

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# 3207

Delta R.T. 0.00 min

Lab File: VU028364.D

Acq: 28 Nov 2018 14:31

Instrument :

MSVOA_U

ClientSampleId :

S49-0490ME

Tot Ion:152 Resp: 179287

Ion Ratio Lower Upper

152 100

115 61.5 45.0 134.8

150 156.1 0.0 349.2

