

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024883.D
 Acq On : 25 Jun 2018 18:33
 Operator : MD/SY
 Sample : J3605-04ME
 Misc : 6.01µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S-3(8.5-9)ME

Quant Time: Jun 26 12:16:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	208760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	322380	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	317625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	189235	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	156574	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
35) Dibromofluoromethane	4.89	113	124493	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
50) Toluene-d8	7.57	98	473228	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	10.31	95	200772	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	

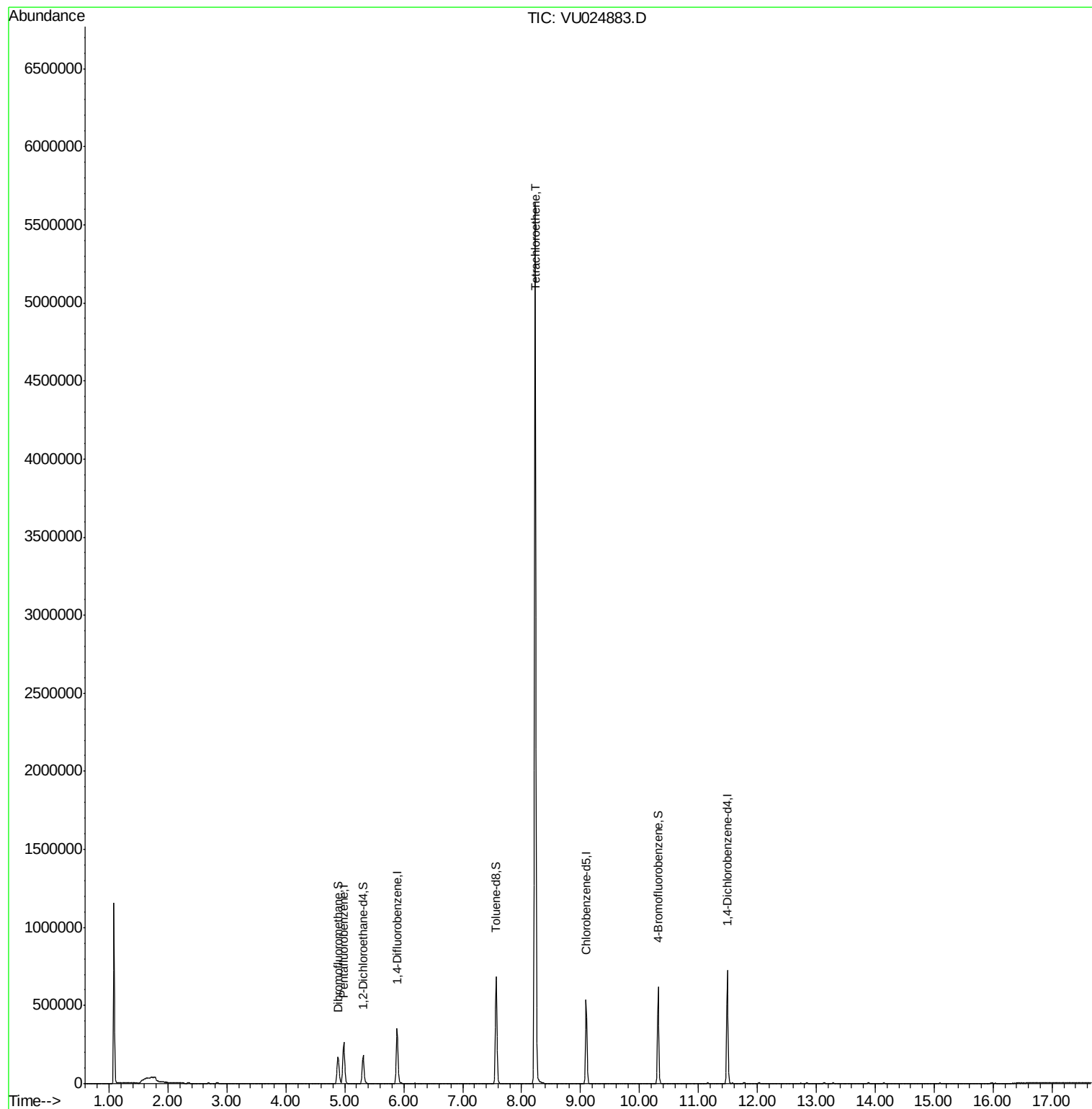
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	8.23	164	1263486	418.49	ug/l	99

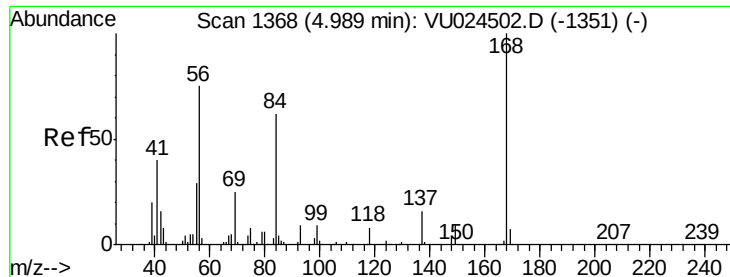
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024883.D

Acq: 25 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

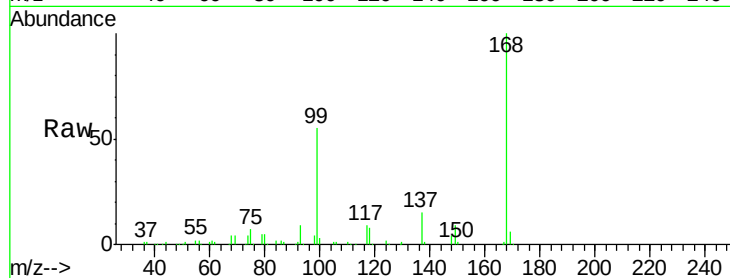
S-3(8.5-9)ME

Tot Ion:168 Resp: 208760

Ion Ratio Lower Upper

168 100

99 54.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D

Ion 98.90 (98.60 to 99.60): VU024502.D

4.98

100000

80000

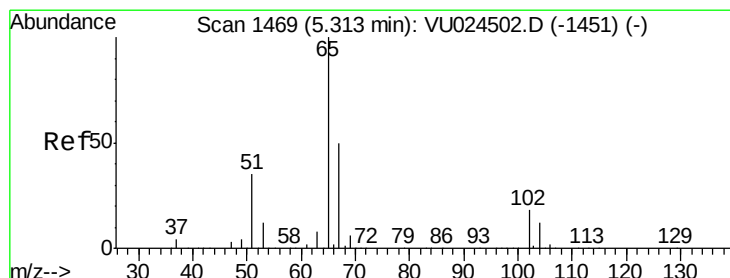
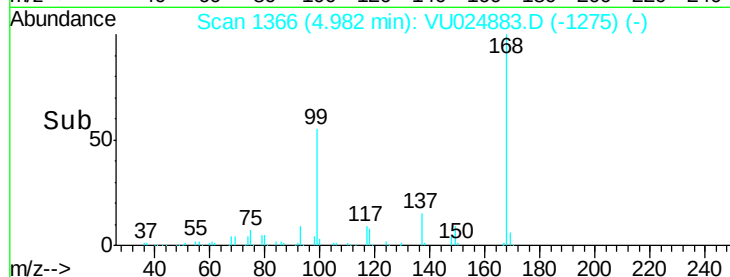
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.94 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024883.D

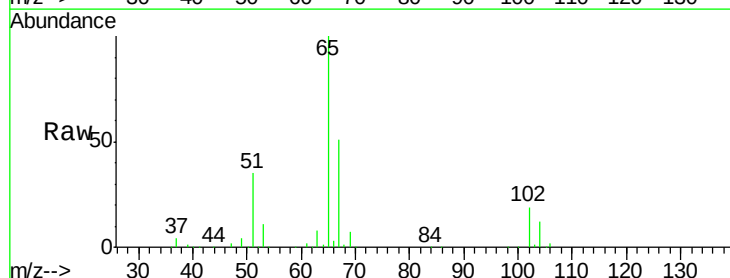
Acq: 25 Jun 2018 18:33

Tgt Ion: 65 Resp: 156574

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D

Ion 66.90 (66.60 to 67.60): VU024502.D

5.31

80000

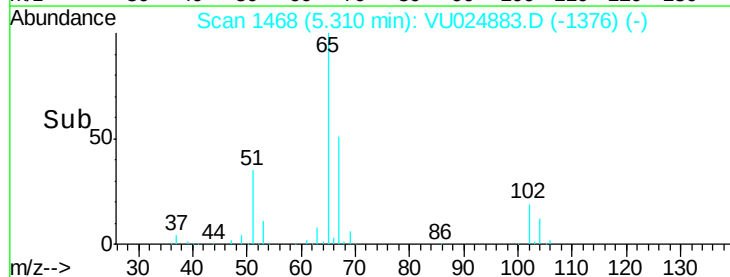
60000

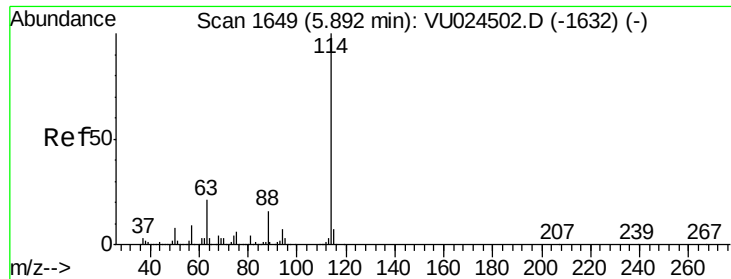
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU024883.D

Acq: 25 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

S-3(8.5-9)ME

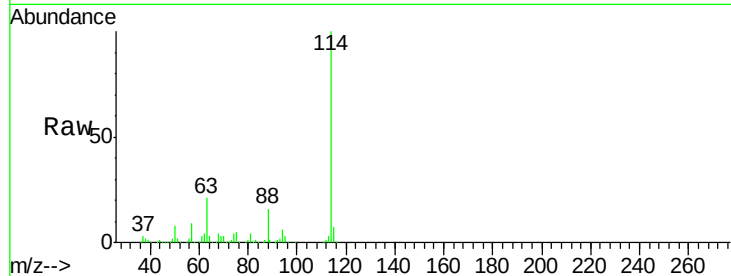
Tot Ion:114 Resp: 322380

Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.4

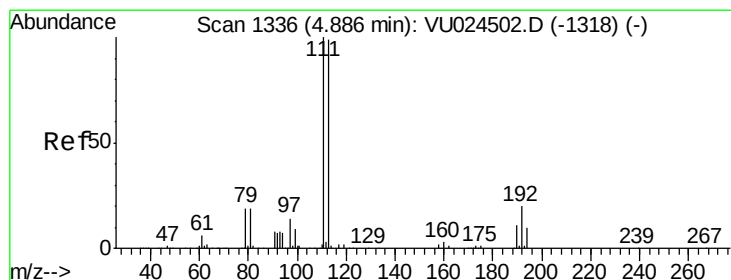
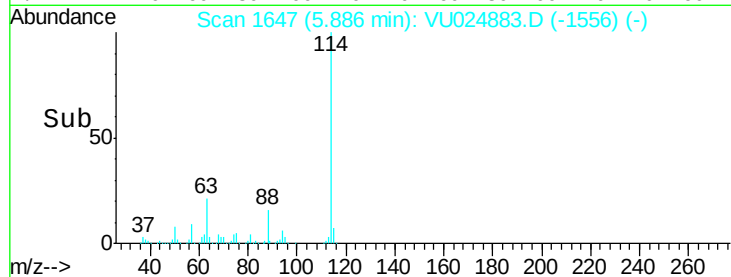
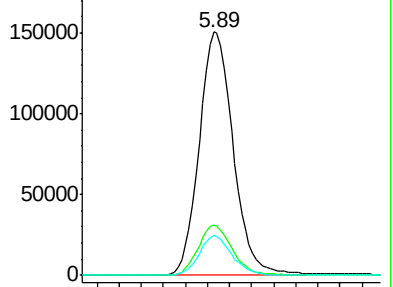
88 16.3 0.0 31.0



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: 46.53 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024883.D

Acq: 25 Jun 2018 18:33

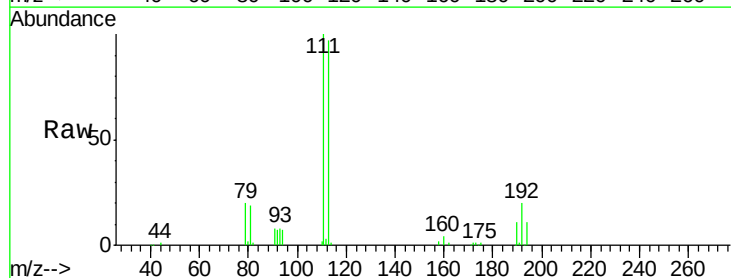
Tgt Ion:113 Resp: 124493

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

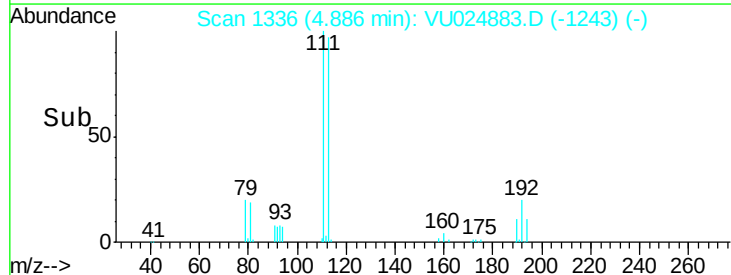
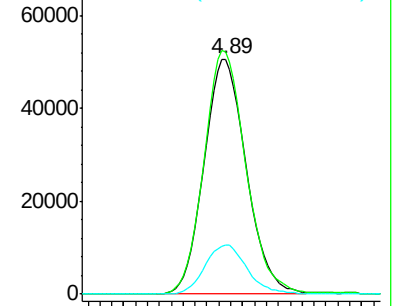
192 20.9 16.2 24.4

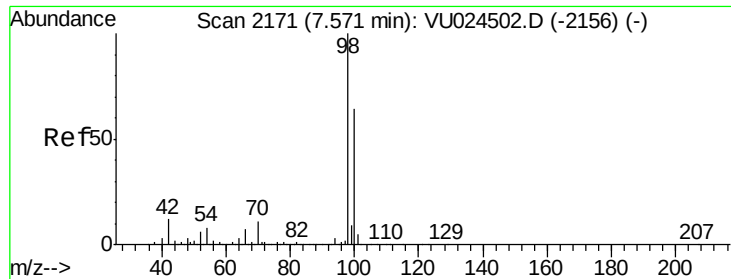


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.49 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024883.D

Acq: 25 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

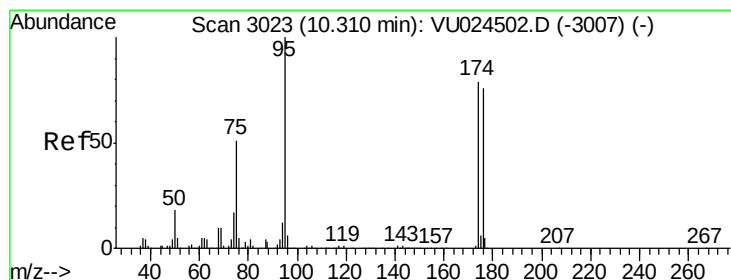
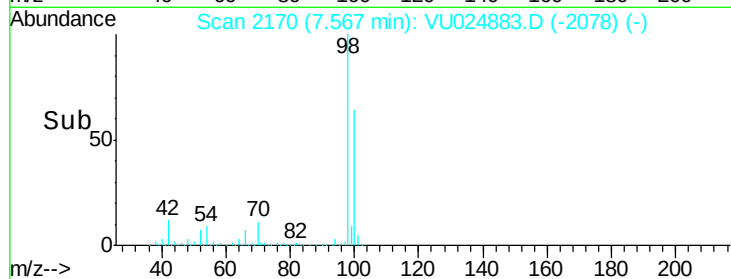
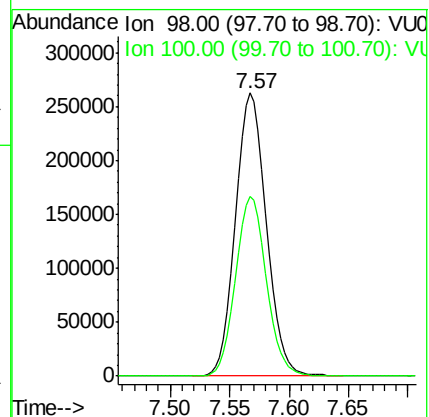
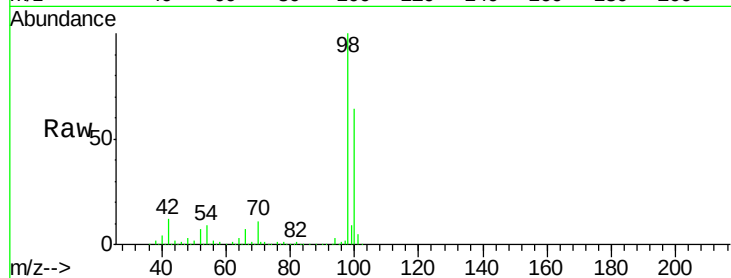
S-3(8.5-9)ME

Tot Ion: 98 Resp: 473228

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 51.82 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU024883.D

Acq: 25 Jun 2018 18:33

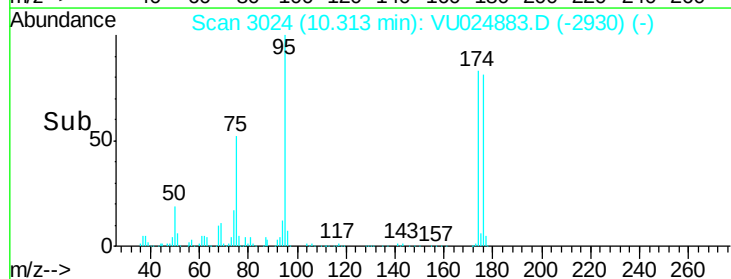
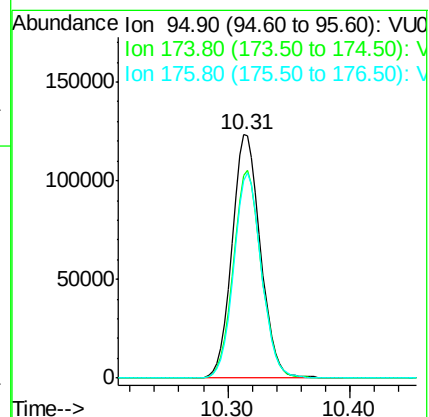
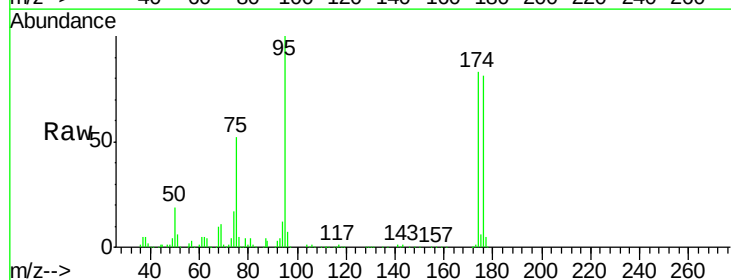
Tgt Ion: 95 Resp: 200772

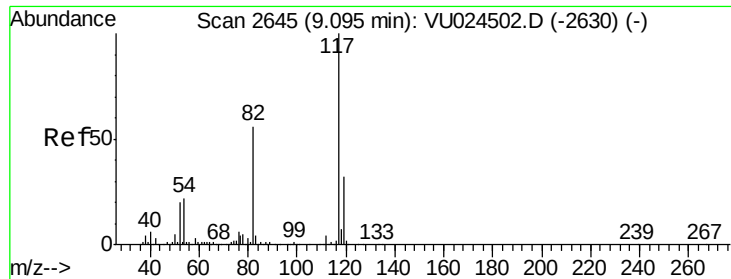
Ion Ratio Lower Upper

95 100

174 83.8 0.0 165.8

176 82.1 0.0 159.4

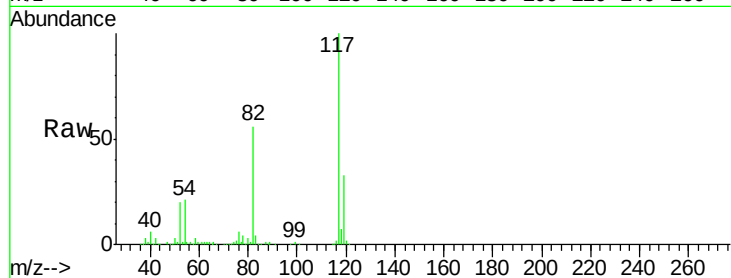




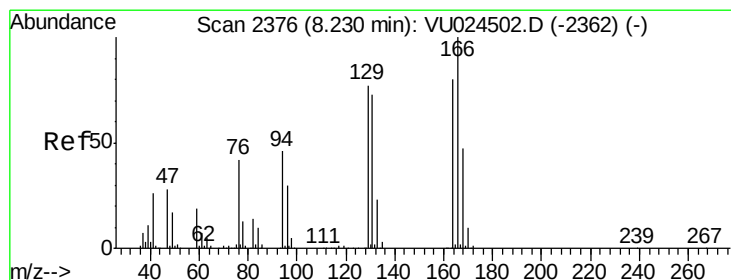
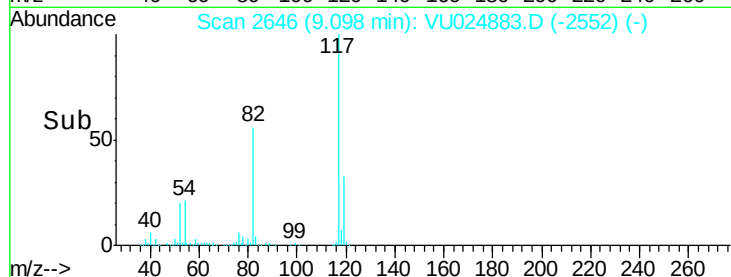
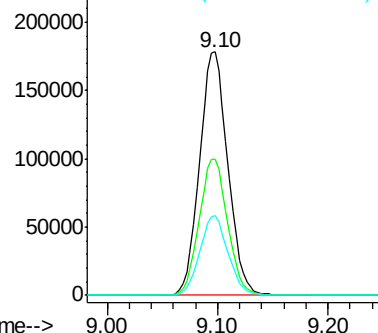
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU024883.D
Acq: 25 Jun 2018 18:33

Instrument :
MSVOA_U
ClientSampleId :
S-3(8.5-9)ME

Tot Ion:117 Resp: 317625
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.7 25.4 38.2



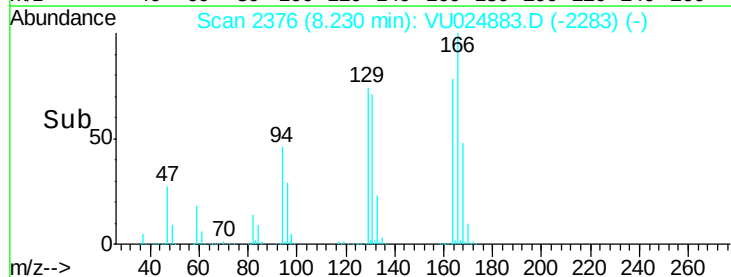
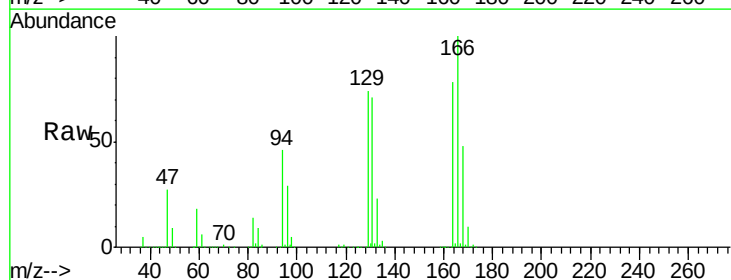
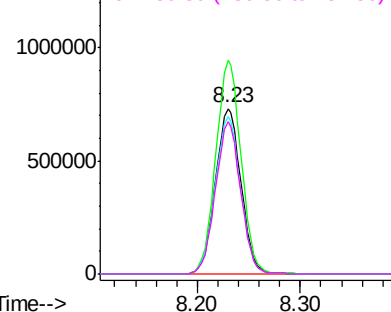
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

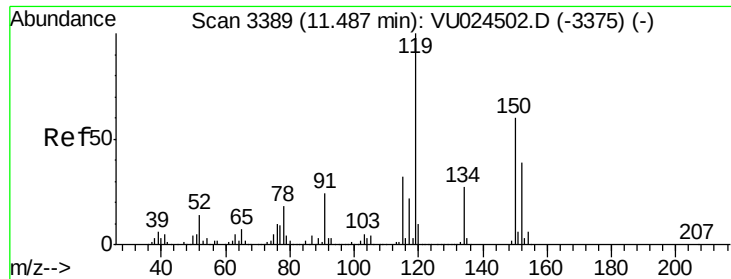


#64
Tetrachloroethene
Concen: 418.49 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024883.D
Acq: 25 Jun 2018 18:33

Tgt Ion:164 Resp: 1263486
Ion Ratio Lower Upper
164 100
166 129.0 101.7 152.5
129 95.1 76.9 115.3
131 92.0 74.9 112.3

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: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024883.D

Acq: 25 Jun 2018 18:33

Instrument :

MSVOA_U

ClientSampleId :

S-3(8.5-9)ME

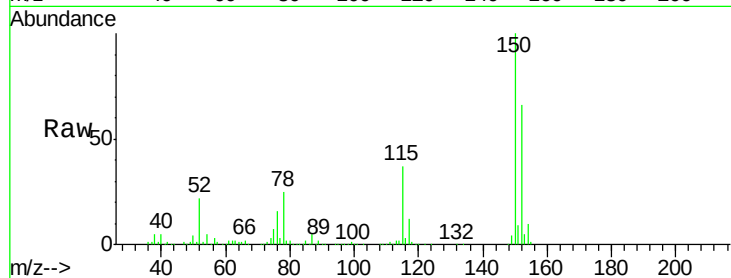
Tot Ion:152 Resp: 189235

Ion Ratio Lower Upper

152 100

115 57.0 43.0 129.0

150 155.2 0.0 354.0



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

