

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024815.D
 Acq On : 21 Jun 2018 16:53
 Operator : MD/SY
 Sample : J3539-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0184

Quant Time: Jun 22 04:38:01 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

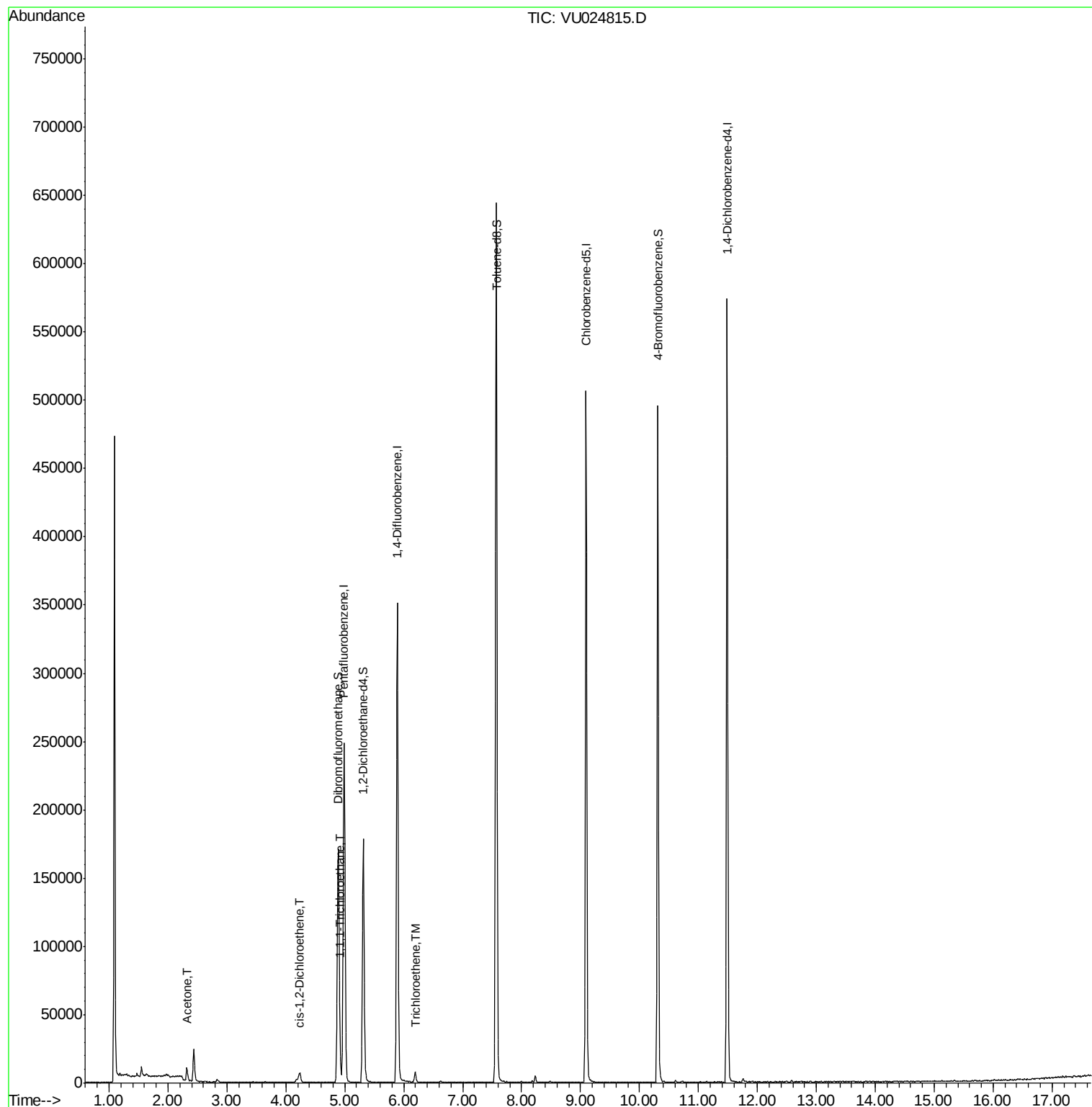
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	295365	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	137648	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
35) Dibromofluoromethane	4.89	113	115423	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	7.57	98	432839	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	10.31	95	157526	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
Target Compounds						
16) Acetone	2.32	43	11649	6.85	ug/l	96
27) cis-1,2-Dichloroethene	4.24	96	4330	1.55	ug/l	80
32) 1,1,1-Trichloroethane	4.92	97	5783	1.32	ug/l	94
44) Trichloroethene	6.19	130	2696	0.96	ug/l	86

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024815.D

Acq: 21 Jun 2018 16:53

Instrument :

MSVOA_U

ClientSampleId :

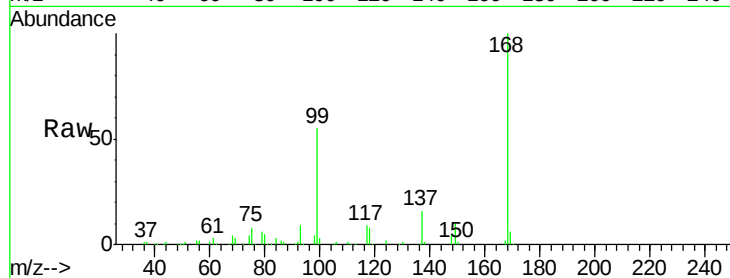
S39-0184

Tot Ion:168 Resp: 193781

Ion Ratio Lower Upper

168 100

99 54.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024815.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024815.D (-1275) (-)

4.99

80000

60000

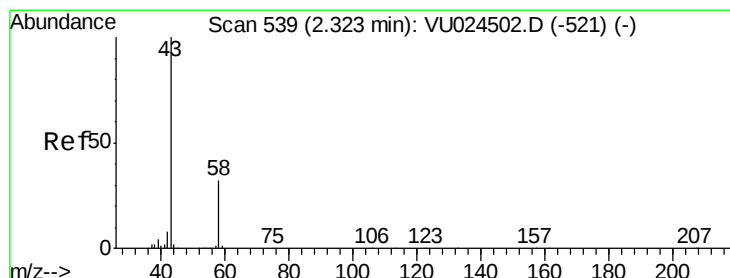
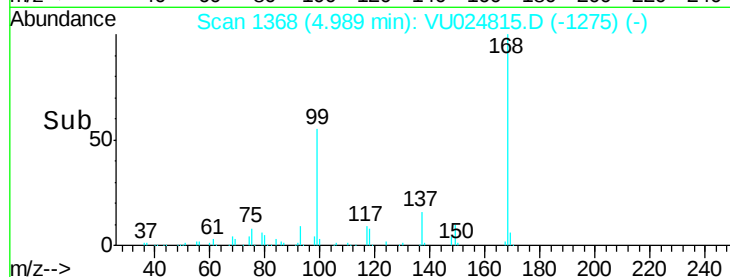
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#16

Acetone

Concen: 6.85 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024815.D

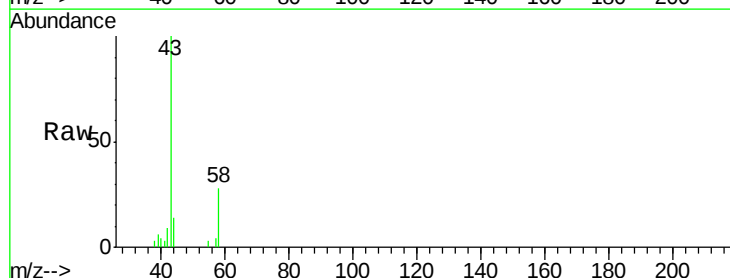
Acq: 21 Jun 2018 16:53

Tgt Ion: 43 Resp: 11649

Ion Ratio Lower Upper

43 100

58 28.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024815.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU024815.D (-446) (-)

2.32

6000

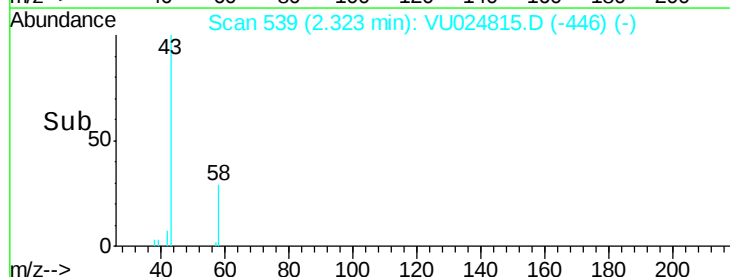
4000

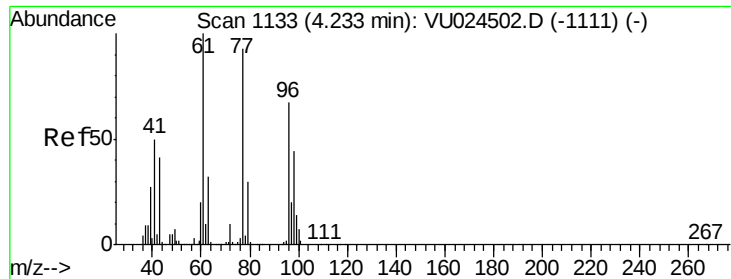
2000

0

2.25 2.30 2.35 2.40

Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.55 ug/l

RT: 4.24 min Scan# 1135

Delta R.T. 0.01 min

Lab File: VU024815.D

Acq: 21 Jun 2018 16:53

Instrument :

MSVOA_U

ClientSampled :

S39-0184

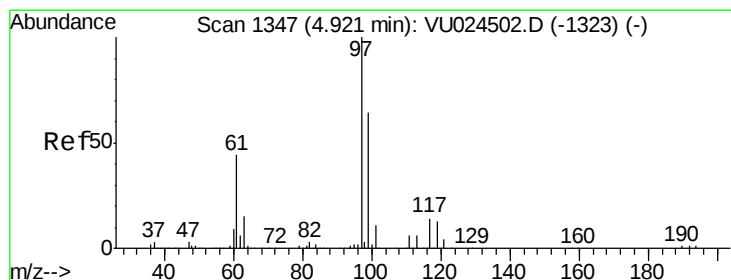
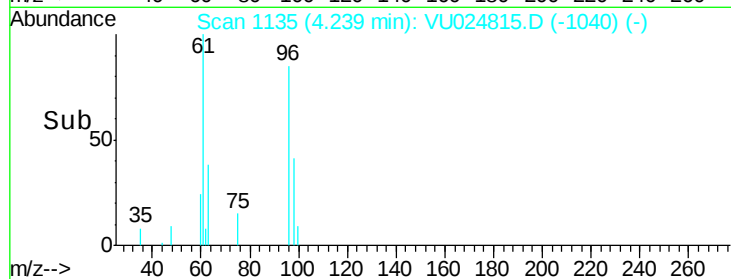
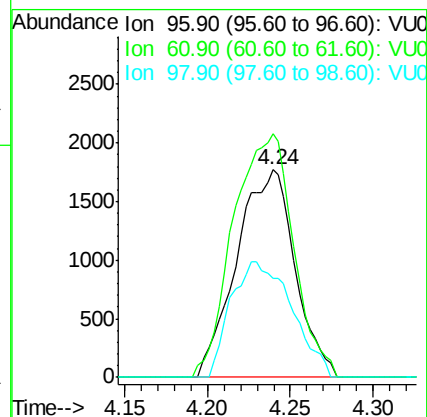
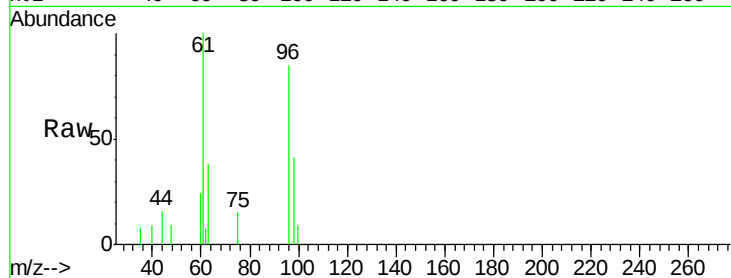
Tot Ion: 96 Resp: 4330

Ion Ratio Lower Upper

96 100

61 120.6 0.0 306.6

98 58.3 0.0 128.8



#32

1,1,1-Trichloroethane

Concen: 1.32 ug/l

RT: 4.92 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VU024815.D

Acq: 21 Jun 2018 16:53

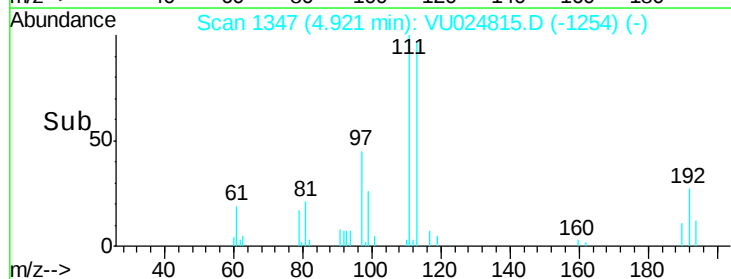
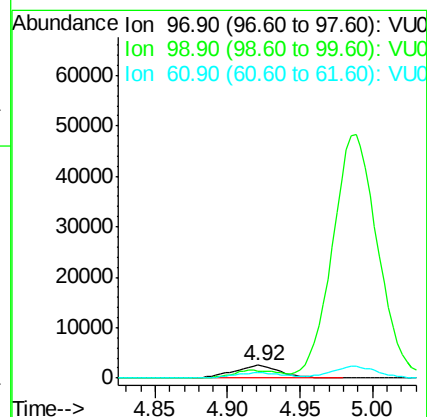
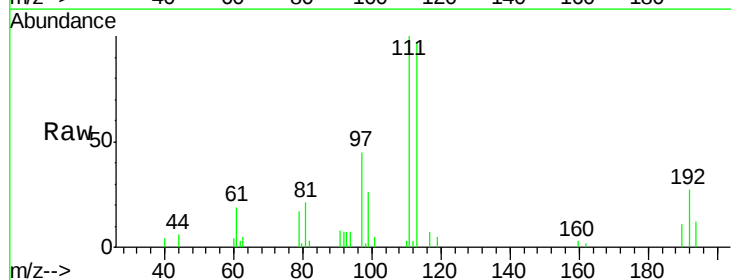
Tgt Ion: 97 Resp: 5783

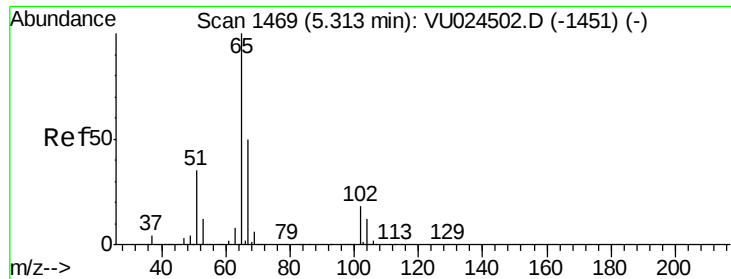
Ion Ratio Lower Upper

97 100

99 60.7 51.0 76.6

61 43.3 39.4 59.0

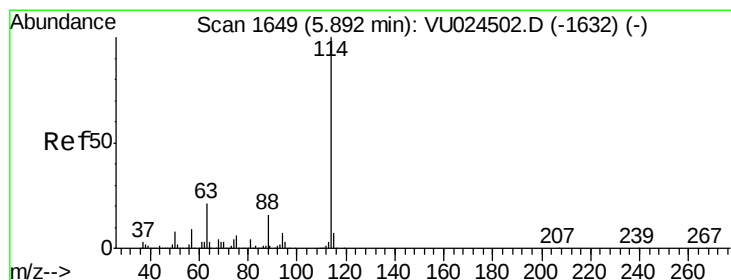
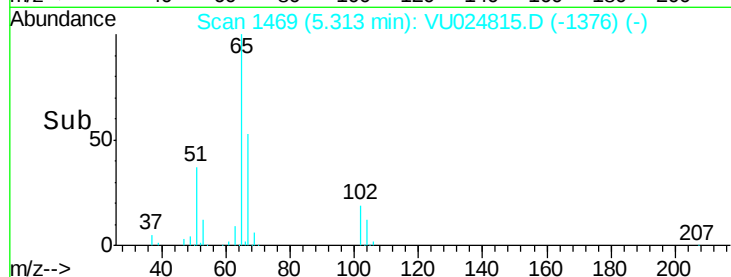
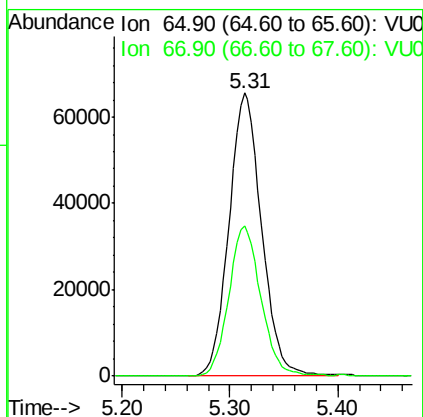
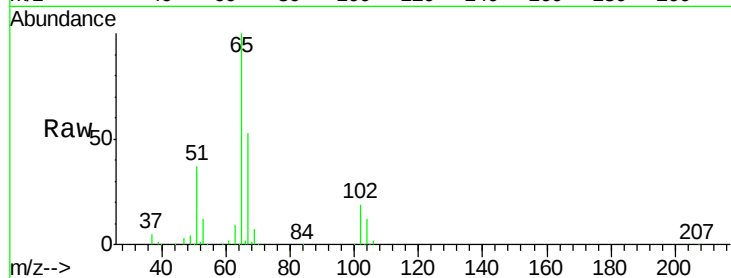




#33
 1,2-Dichloroethane-d4
 Concen: 43.51 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024815.D
 Acq: 21 Jun 2018 16:53

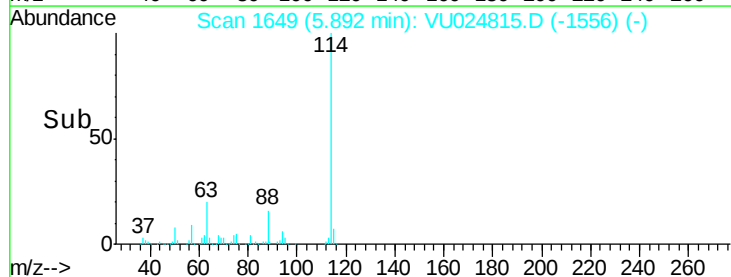
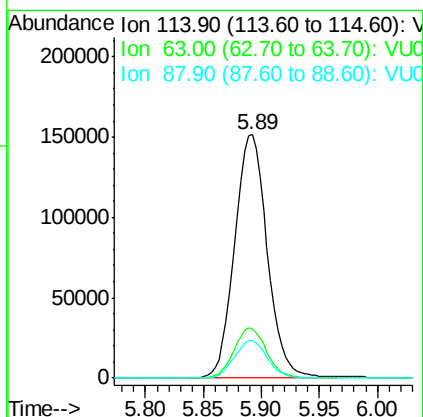
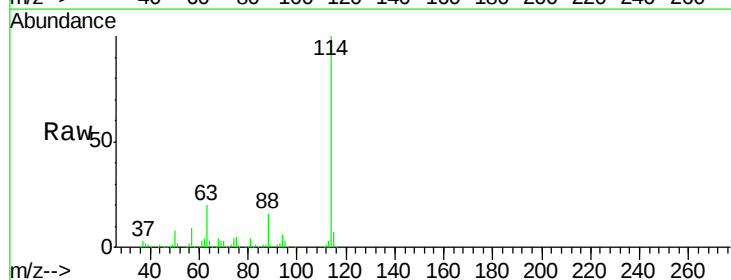
Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0184

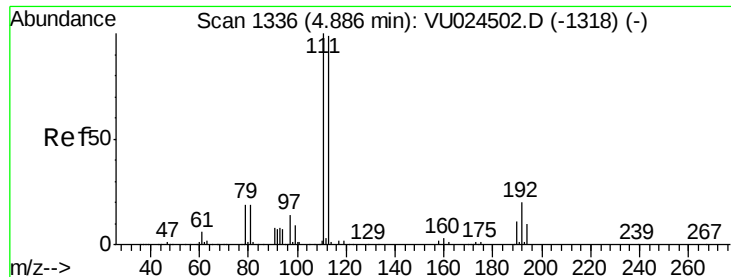
Tot Ion: 65 Resp: 137648
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024815.D
 Acq: 21 Jun 2018 16:53

Tgt Ion: 114 Resp: 295365
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.4
 88 15.7 0.0 31.0

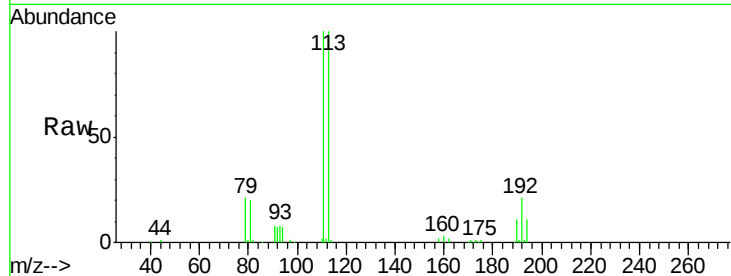




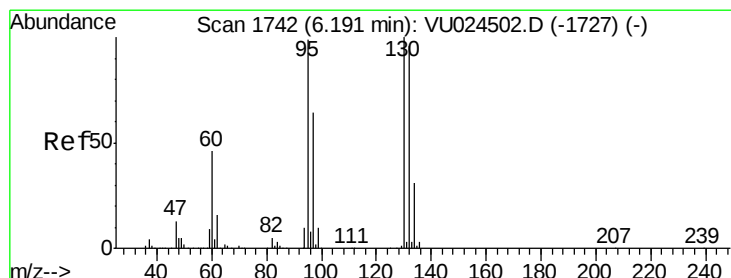
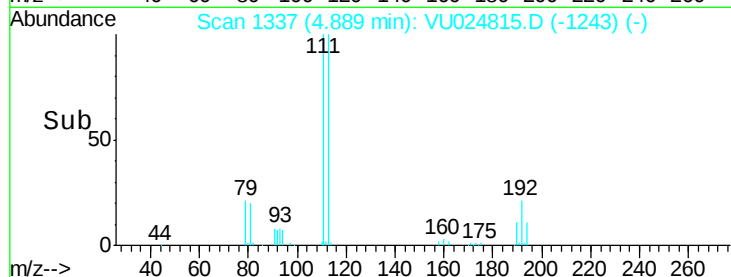
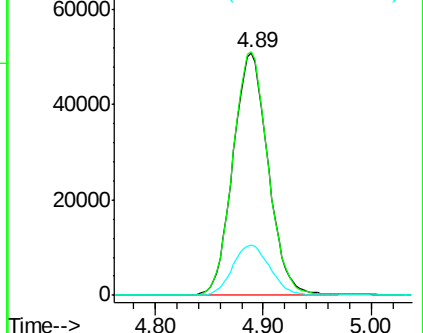
#35
Dibromofluoromethane
Concen: 47.09 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024815.D
Acq: 21 Jun 2018 16:53

Instrument :
MSVOA_U
ClientSampleId :
S39-0184

Tot Ion:113 Resp: 115423
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 21.8 16.2 24.4

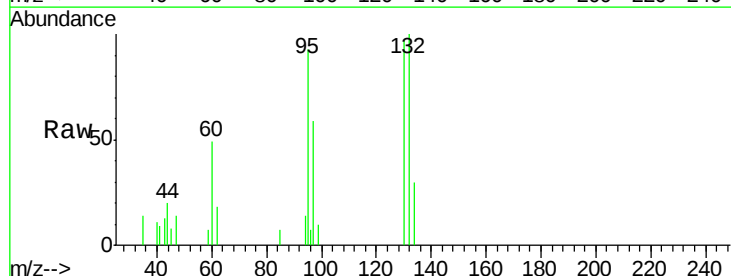


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

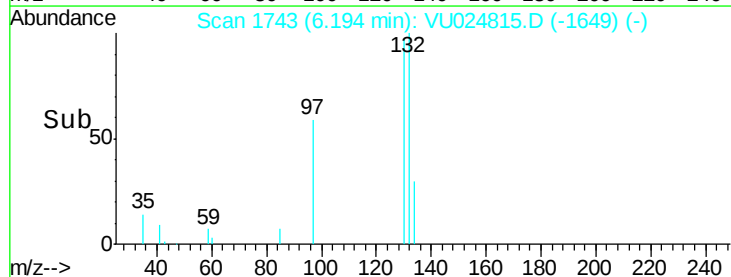
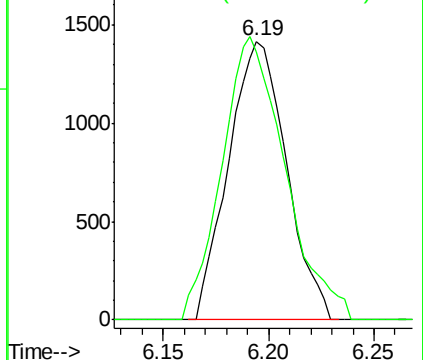


#44
Trichloroethene
Concen: 0.96 ug/l
RT: 6.19 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VU024815.D
Acq: 21 Jun 2018 16:53

Tgt Ion:130 Resp: 2696
Ion Ratio Lower Upper
130 100
95 87.5 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V

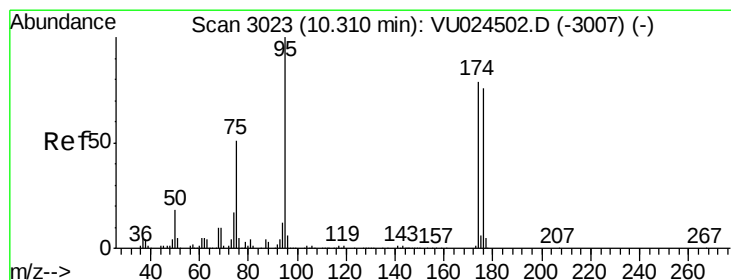
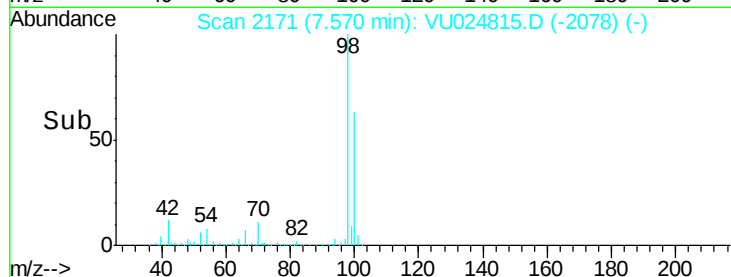
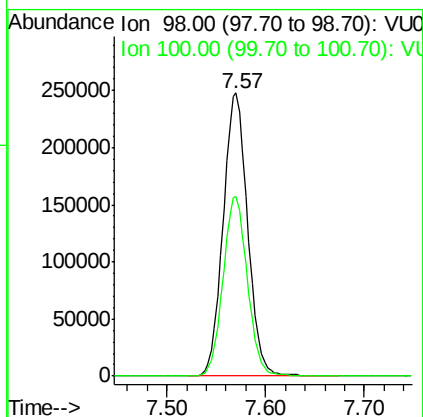
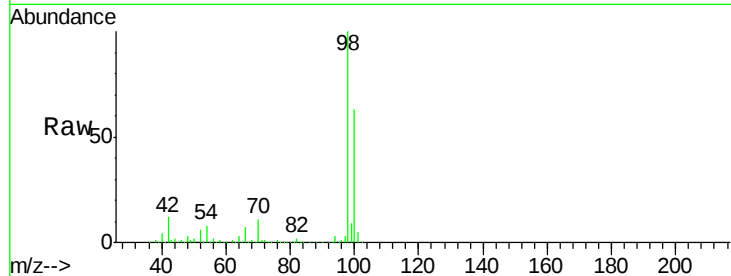




#50
Toluene-d8
Concen: 48.41 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024815.D
Acq: 21 Jun 2018 16:53

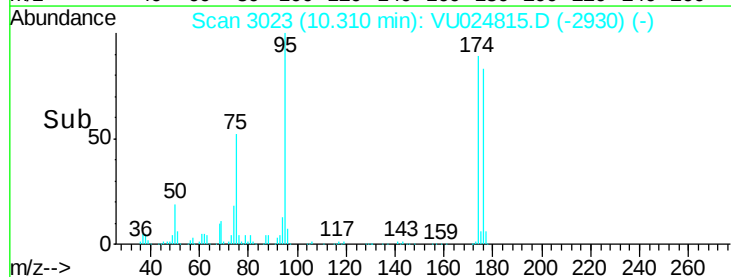
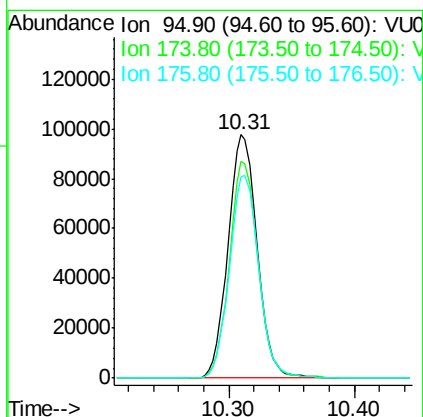
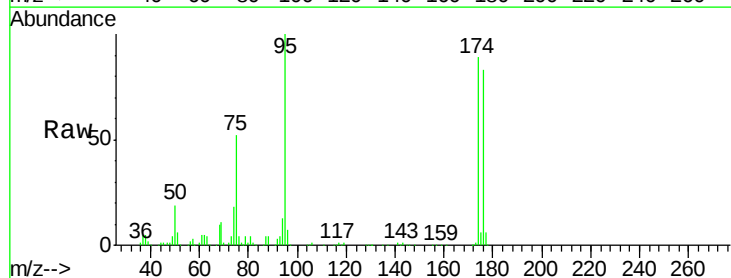
Instrument :
MSVOA_U
ClientSampleId :
S39-0184

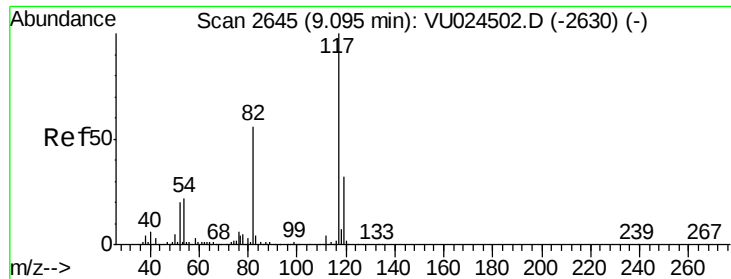
Tot Ion: 98 Resp: 432839
Ion Ratio Lower Upper
98 100
100 63.0 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.37 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024815.D
Acq: 21 Jun 2018 16:53

Tgt Ion: 95 Resp: 157526
Ion Ratio Lower Upper
95 100
174 87.2 0.0 165.8
176 83.9 0.0 159.4

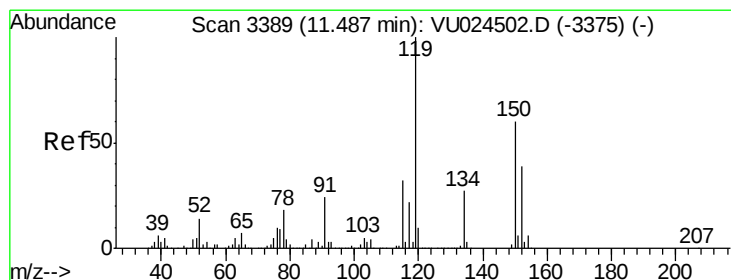
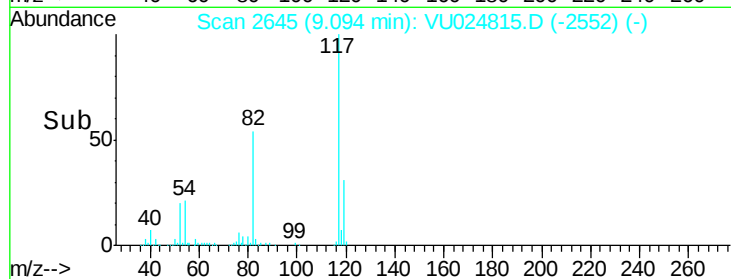
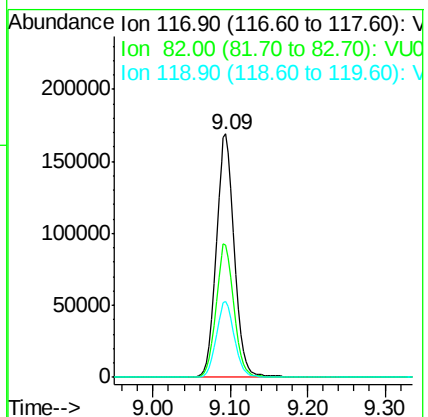
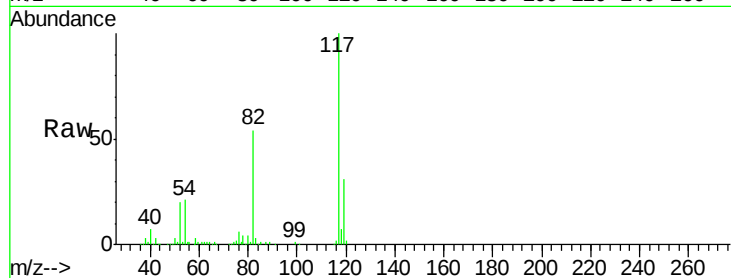




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024815.D
Acq: 21 Jun 2018 16:53

Instrument :
MSVOA_U
ClientSampled :
S39-0184

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.3	66.5
119	31.2	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024815.D
Acq: 21 Jun 2018 16:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	43.0	129.0
150	157.4	0.0	354.0

