

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024810.D
 Acq On : 21 Jun 2018 14:52
 Operator : MD/SY
 Sample : J3517-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0186

Quant Time: Jun 22 04:21:32 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	193378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	294495	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148656	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	136151	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	
35) Dibromofluoromethane	4.89	113	115348	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	7.57	98	425183	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	10.31	95	157008	44.36	ug/l	0.00
Spiked Amount			Recovery	=	88.72%	

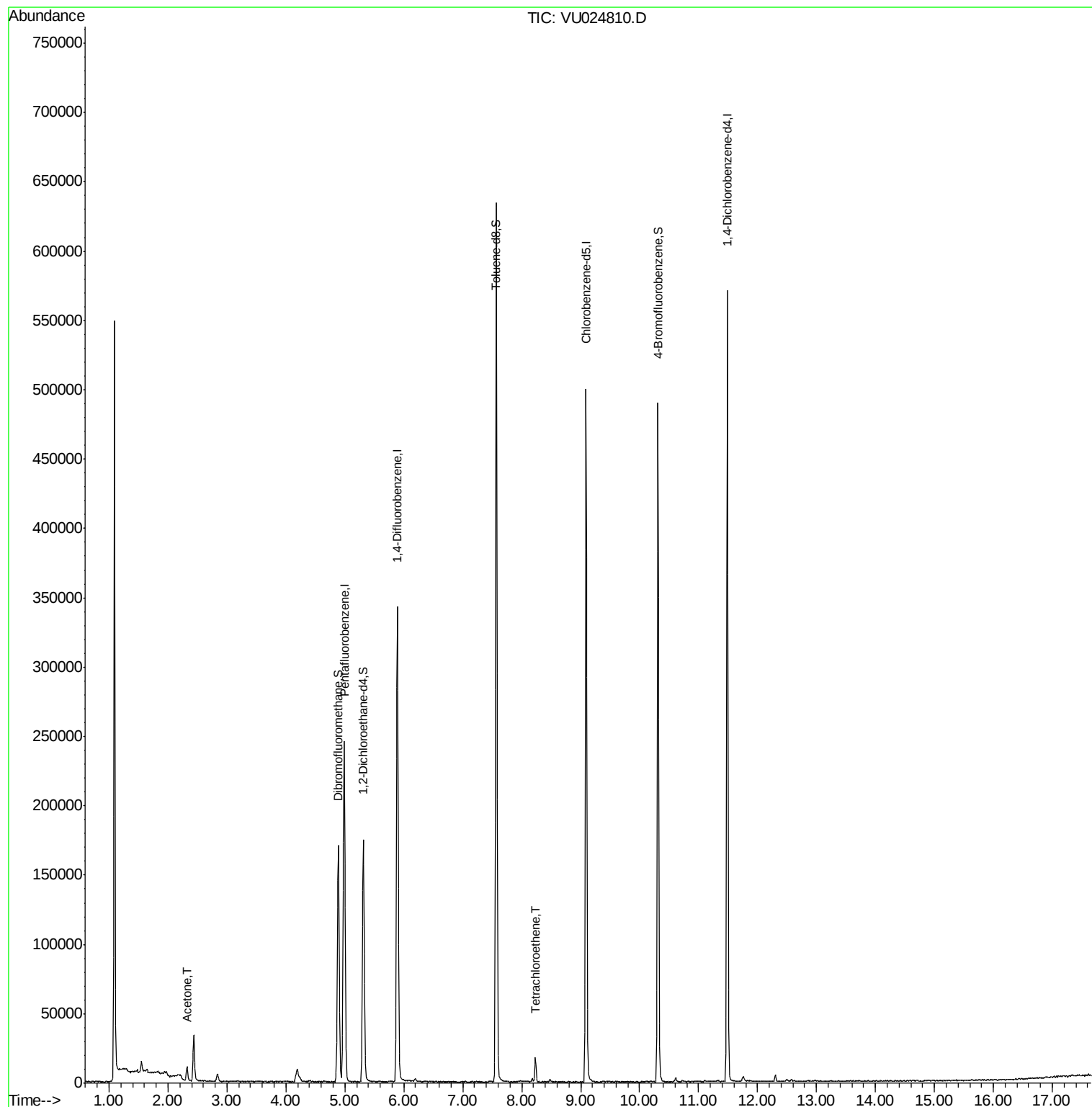
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	10332	6.09	ug/l	99
64) Tetrachloroethene	8.23	164	4023	1.54	ug/l	93

(#) = 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: VU024810.D

Acq: 21 Jun 2018 14:52

Instrument :

MSVOA_U

ClientSampleId :

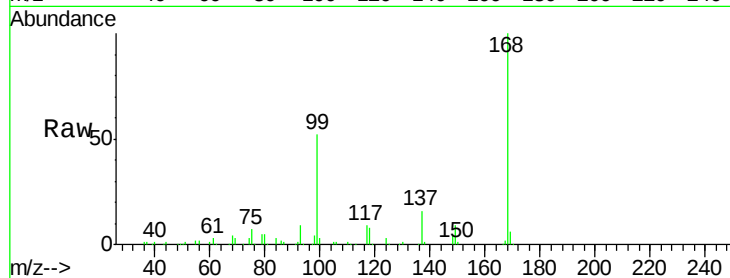
S39-0186

Tot Ion:168 Resp: 193378

Ion Ratio Lower Upper

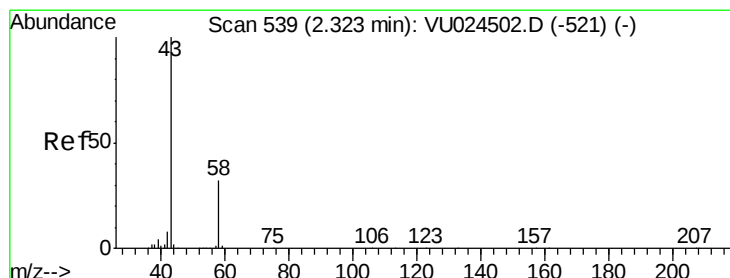
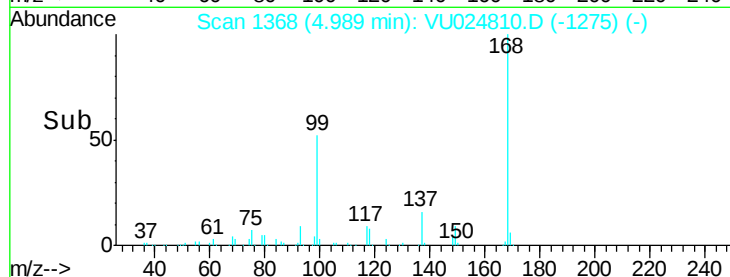
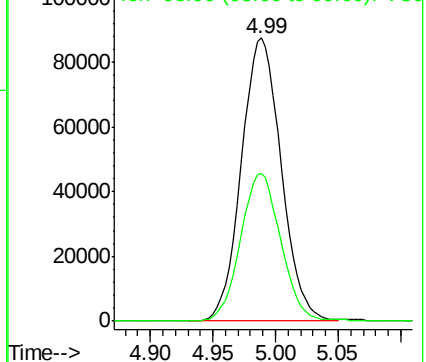
168 100

99 52.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#16

Acetone

Concen: 6.09 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024810.D

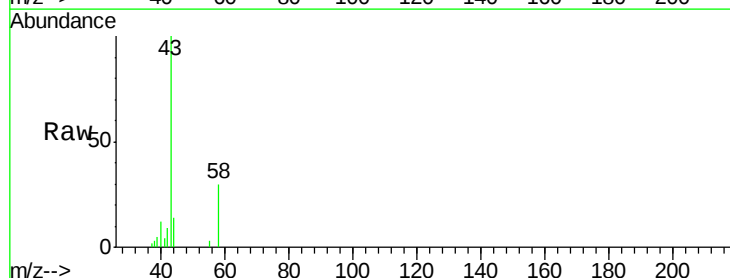
Acq: 21 Jun 2018 14:52

Tgt Ion: 43 Resp: 10332

Ion Ratio Lower Upper

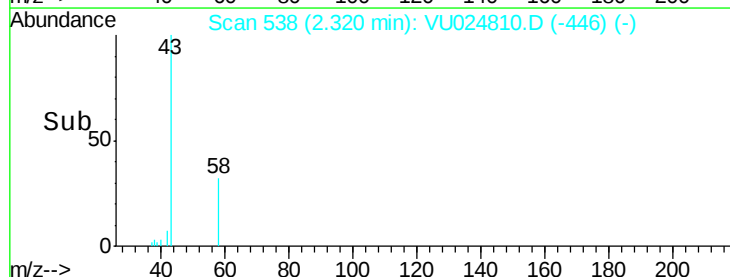
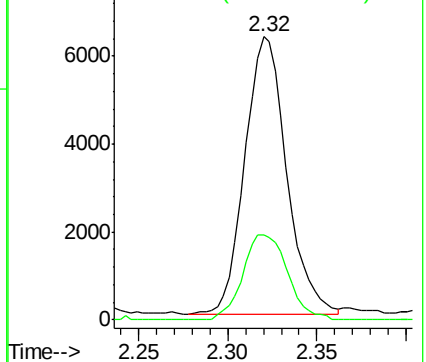
43 100

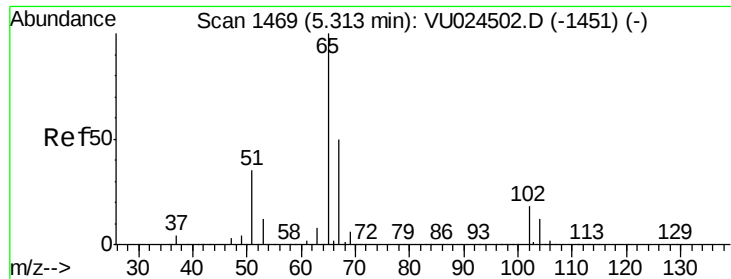
58 30.9 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

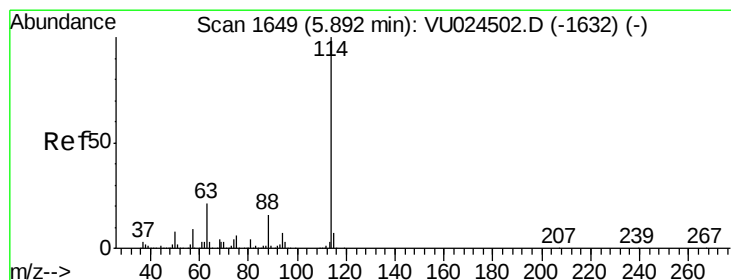
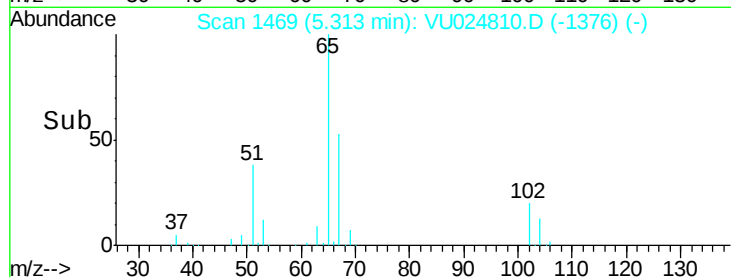
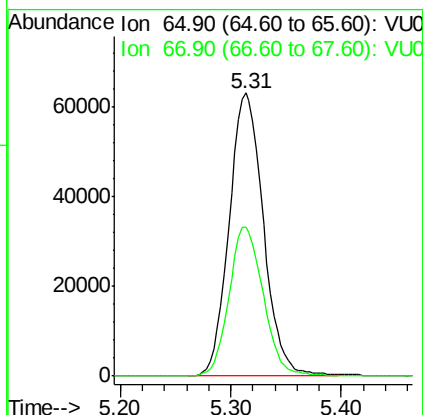
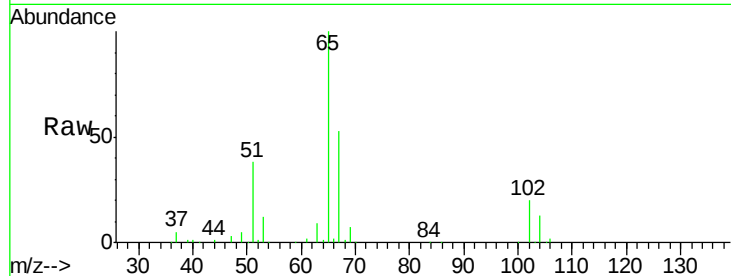




#33
 1,2-Dichloroethane-d4
 Concen: 43.13 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024810.D
 Acq: 21 Jun 2018 14:52

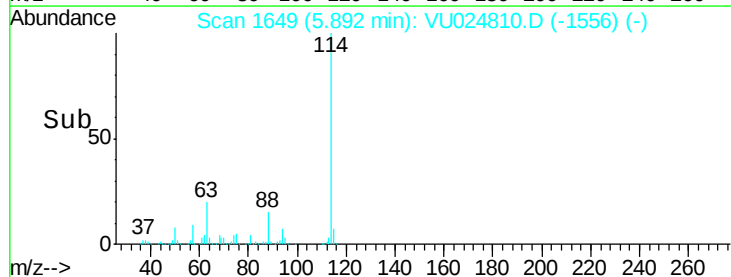
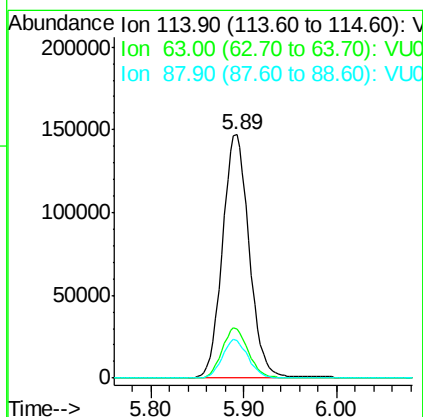
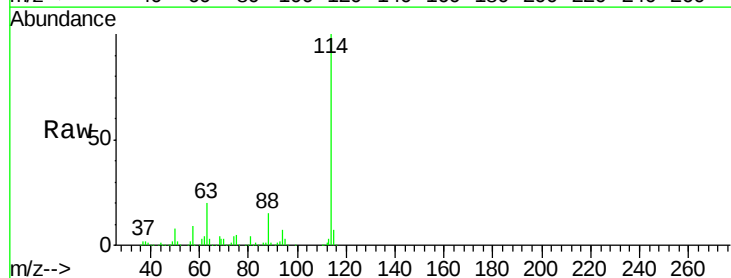
Instrument :
 MSVOA_U
 ClientSampleId :
 S39-0186

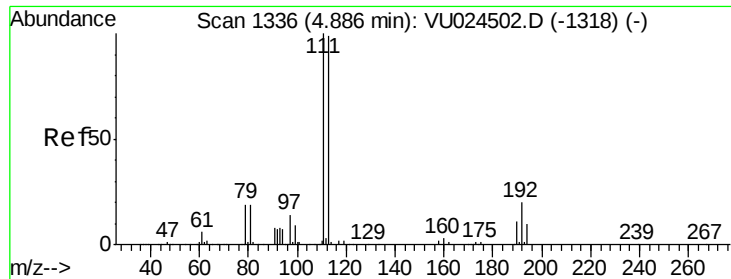
Tot Ion: 65 Resp: 136151
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024810.D
 Acq: 21 Jun 2018 14:52

Tgt Ion: 114 Resp: 294495
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.4
 88 15.3 0.0 31.0

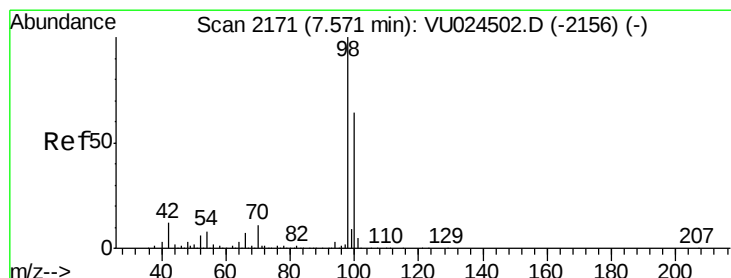
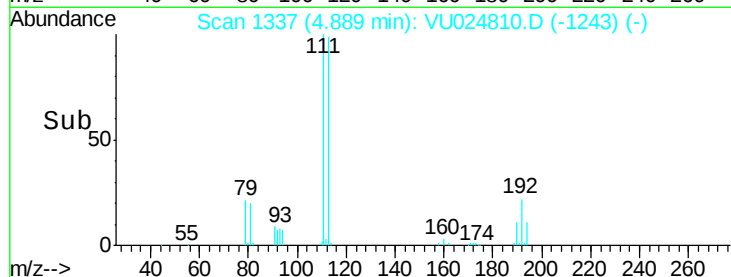
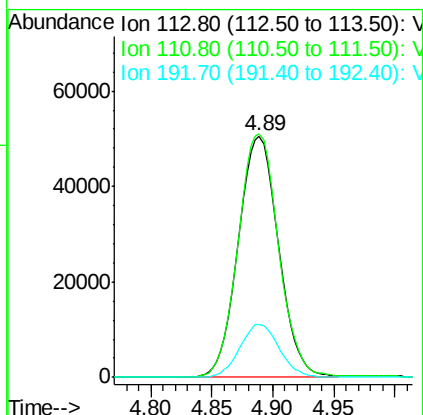
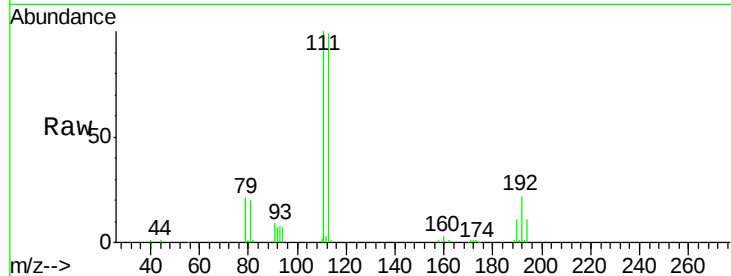




#35
Dibromofluoromethane
Concen: 47.19 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024810.D
Acq: 21 Jun 2018 14:52

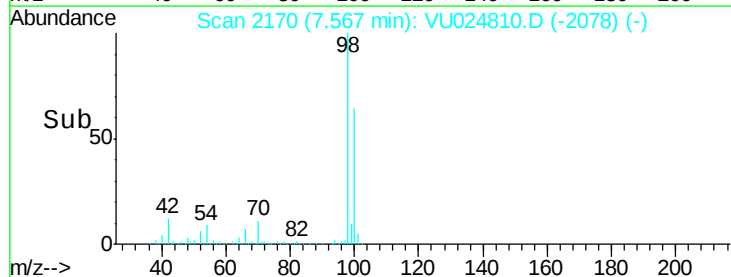
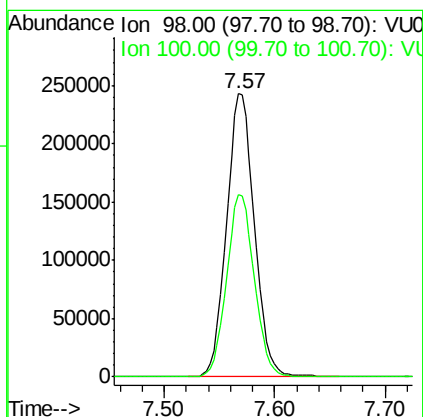
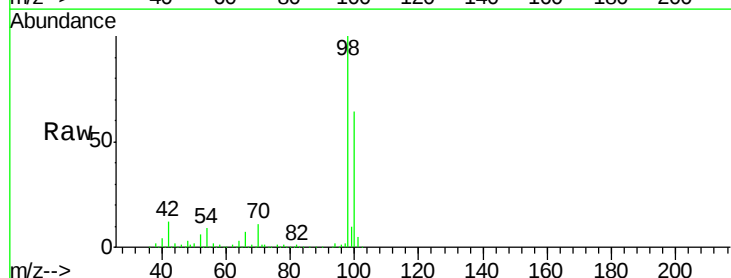
Instrument :
MSVOA_U
ClientSampleId :
S39-0186

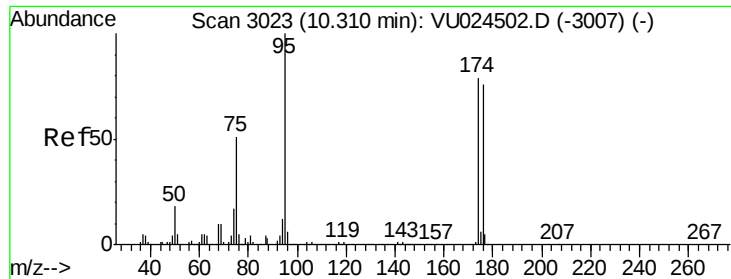
Tot Ion:113 Resp: 115348
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 21.5 16.2 24.4



#50
Toluene-d8
Concen: 47.69 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024810.D
Acq: 21 Jun 2018 14:52

Tgt Ion: 98 Resp: 425183
Ion Ratio Lower Upper
98 100
100 64.3 51.1 76.7

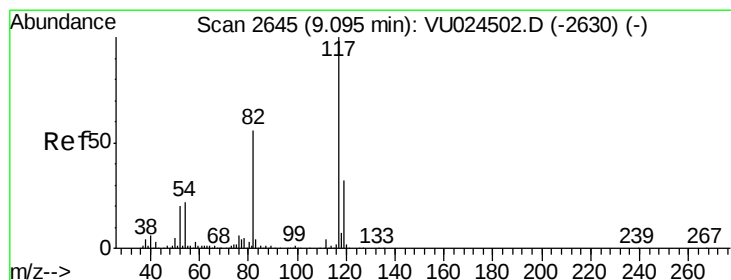
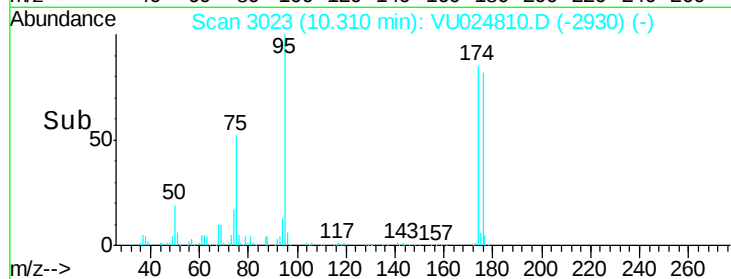
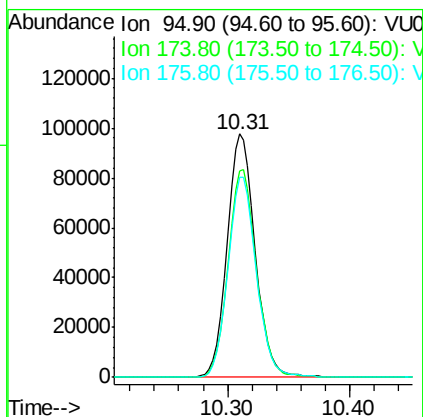
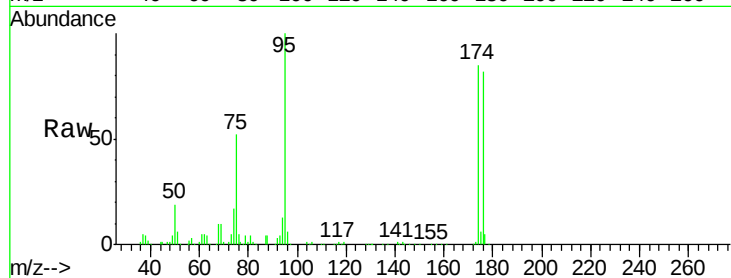




#62
4-Bromofluorobenzene
Concen: 44.36 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024810.D
Acq: 21 Jun 2018 14:52

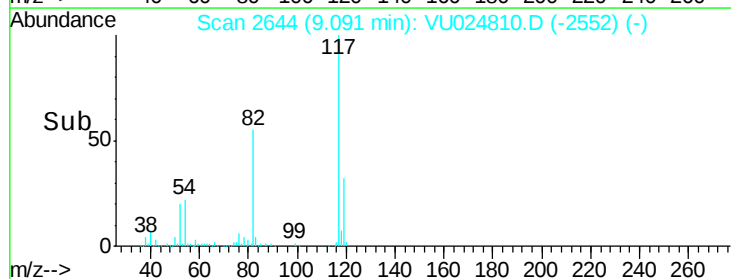
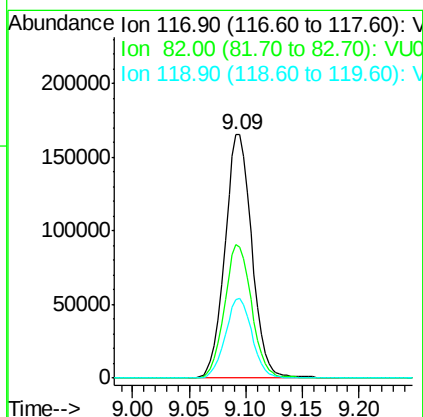
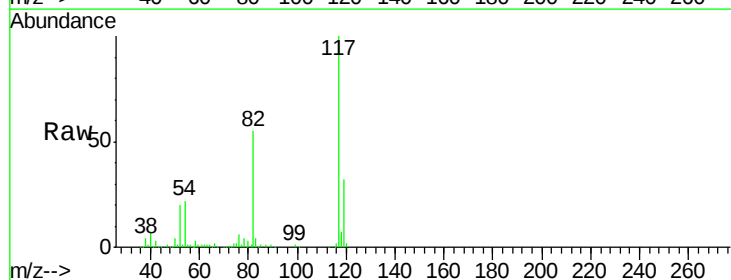
Instrument :
MSVOA_U
ClientSampleId :
S39-0186

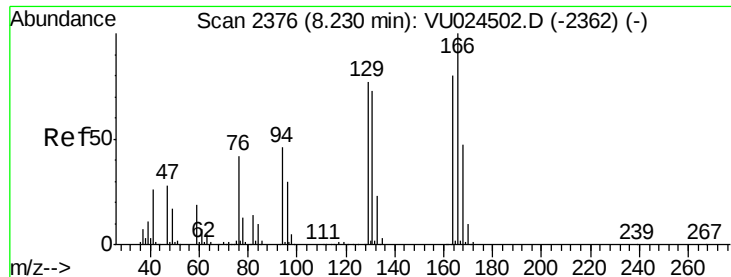
Tot Ion	95	Resp	157008
Ion Ratio	Lower	Upper	
95	100		
174	86.1	0.0	165.8
176	83.3	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024810.D
Acq: 21 Jun 2018 14:52

Tgt Ion	117	Resp	274710
Ion Ratio	Lower	Upper	
117	100		
82	54.6	44.3	66.5
119	32.3	25.4	38.2





#64

Tetrachloroethene

Concen: 1.54 ug/l

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU024810.D

Acq: 21 Jun 2018 14:52

Instrument :

MSVOA_U

ClientSampleId :

S39-0186

Tot Ion:164 Resp: 4023

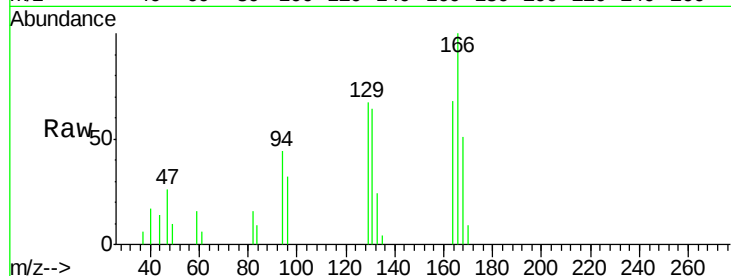
Ion Ratio Lower Upper

164 100

166 146.6 101.7 152.5

129 98.1 76.9 115.3

131 93.7 74.9 112.3

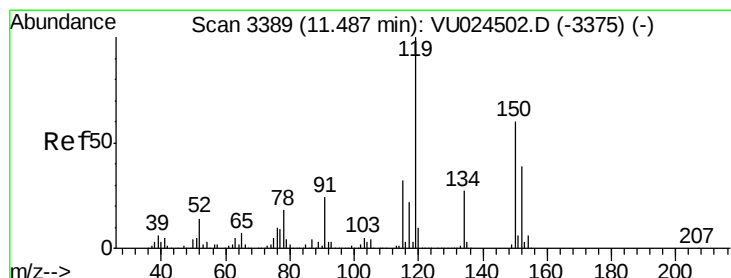
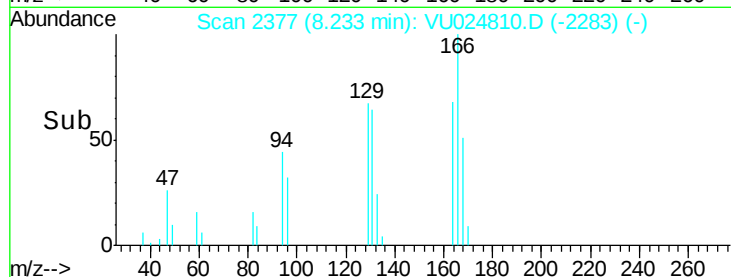
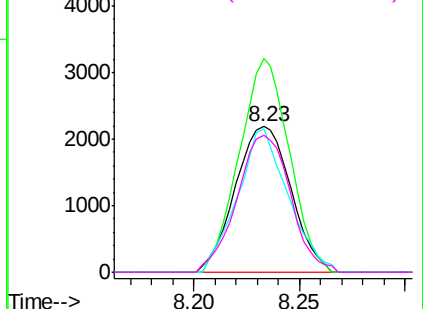


Abundance Ion 163.80 (163.50 to 164.50): V

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# 3389

Delta R.T. 0.00 min

Lab File: VU024810.D

Acq: 21 Jun 2018 14:52

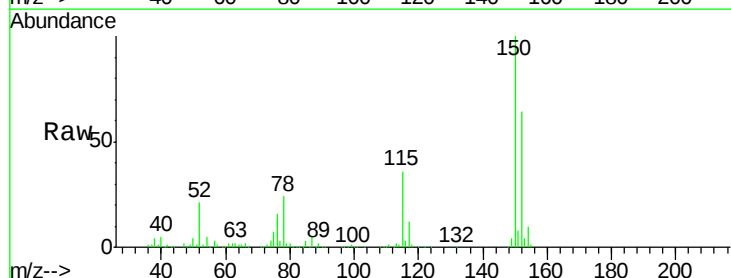
Tgt Ion:152 Resp: 148656

Ion Ratio Lower Upper

152 100

115 55.9 43.0 129.0

150 156.7 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

