

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024795.D
 Acq On : 21 Jun 2018 07:17
 Operator : MD/SY
 Sample : J3585-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-01

Quant Time: Jun 21 10:23:51 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

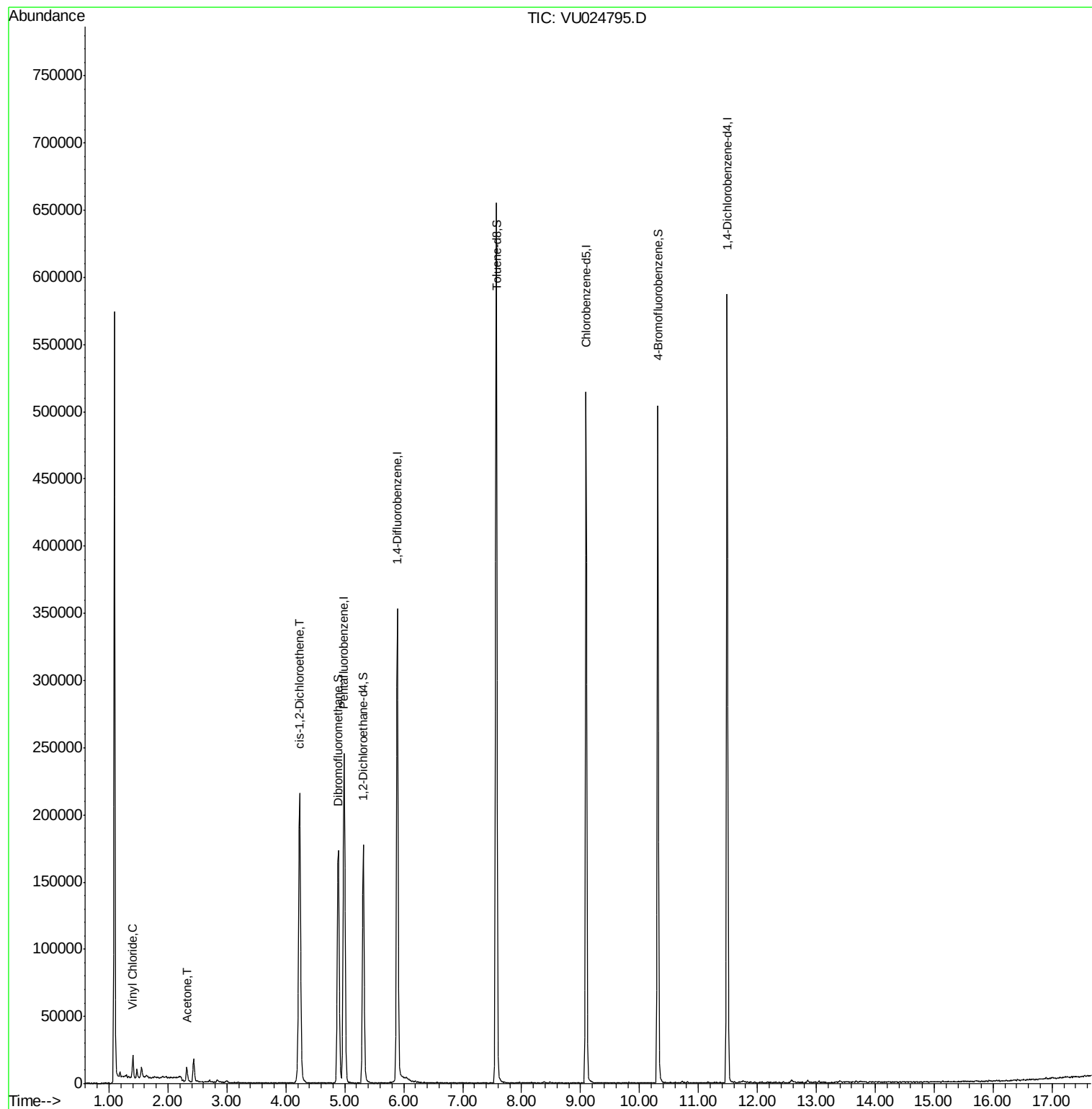
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299890	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	151936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	137016	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
35) Dibromofluoromethane	4.89	113	116284	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
50) Toluene-d8	7.57	98	436456	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
62) 4-Bromofluorobenzene	10.31	95	157145	43.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.20%	
Target Compounds						
4) Vinyl Chloride	1.40	62	9519	3.73	ug/l	94
16) Acetone	2.32	43	11636	6.85	ug/l	94
27) cis-1,2-Dichloroethene	4.23	96	122633	43.95	ug/l	86

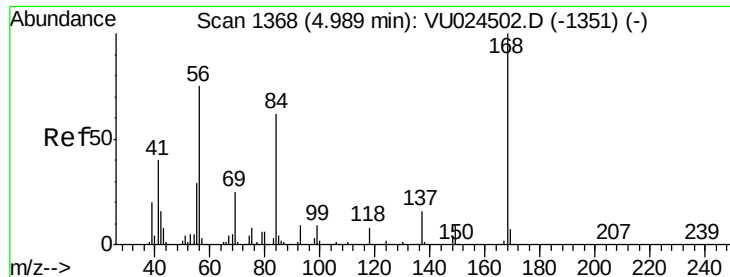
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

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MSVOA_U

ClientSampleId :

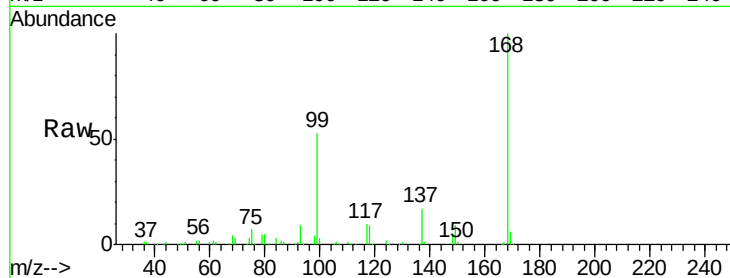
DUP-01

Tot Ion:168 Resp: 193530

Ion Ratio Lower Upper

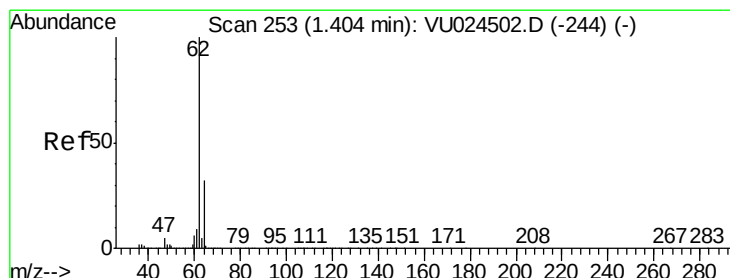
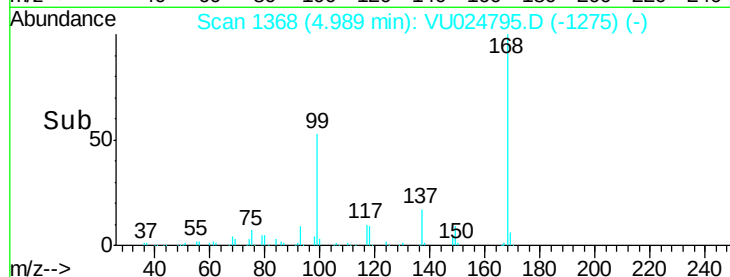
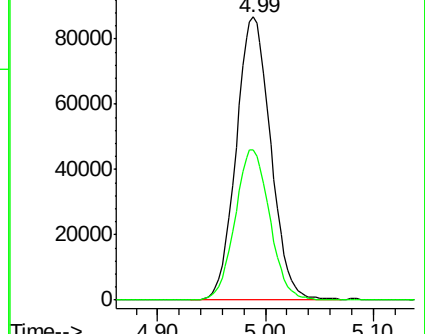
168 100

99 52.9 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#4

Vinyl Chloride

Concen: 3.73 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024795.D

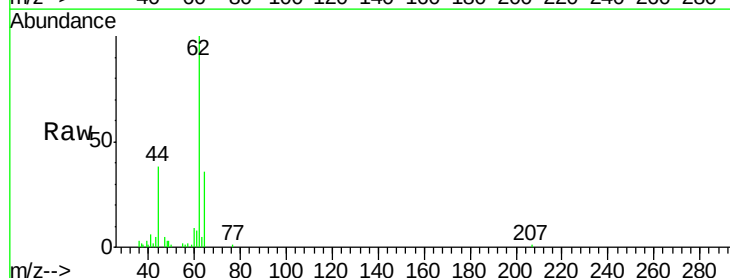
Acq: 21 Jun 2018 07:17

Tgt Ion: 62 Resp: 9519

Ion Ratio Lower Upper

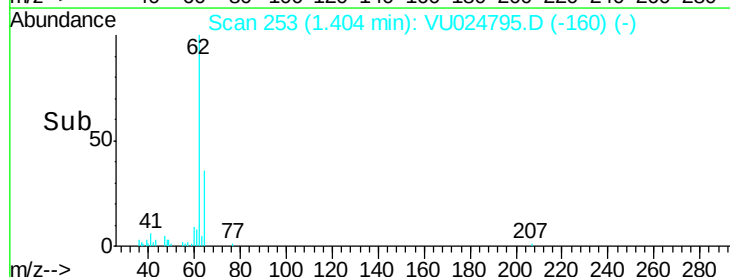
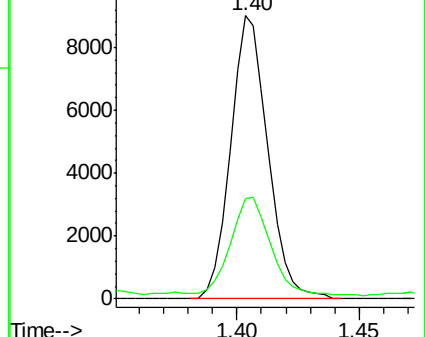
62 100

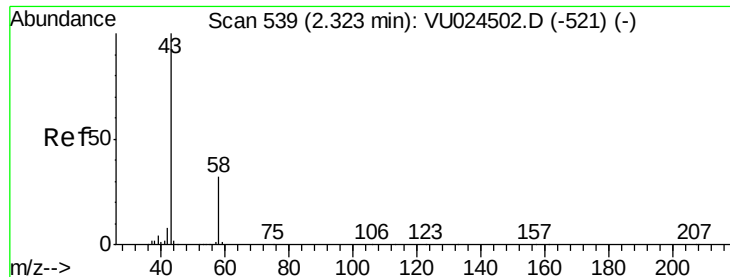
64 34.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)





#16

Acetone

Concen: 6.85 ug/l

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU024795.D

Acq: 21 Jun 2018 07:17

Instrument :

MSVOA_U

ClientSampleId :

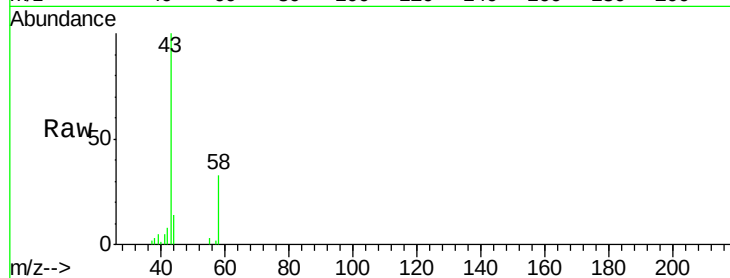
DUP-01

Tot Ion: 43 Resp: 11636

Ion Ratio Lower Upper

43 100

58 34.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

8000

6000

4000

2000

0

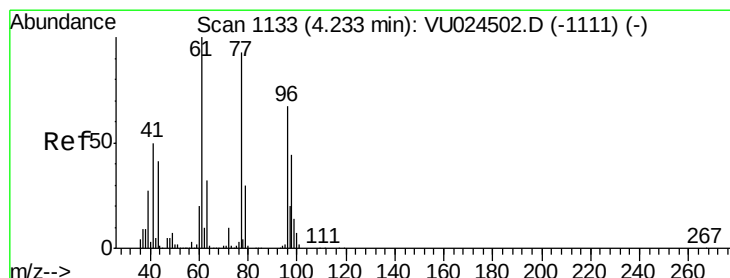
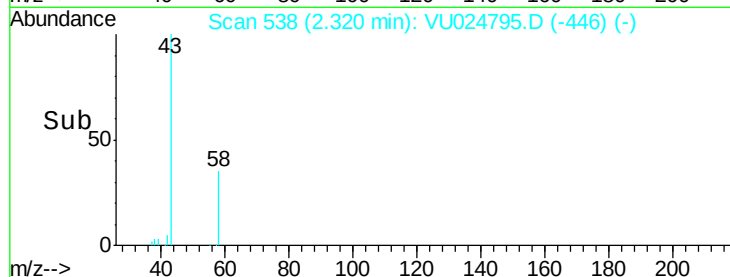
Time-->

2.25

2.30

2.35

2.40



#27

cis-1,2-Dichloroethene

Concen: 43.95 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024795.D

Acq: 21 Jun 2018 07:17

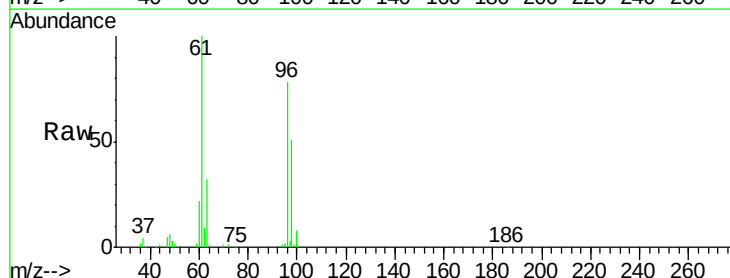
Tgt Ion: 96 Resp: 122633

Ion Ratio Lower Upper

96 100

61 127.3 0.0 306.6

98 65.1 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

4.23

80000

60000

40000

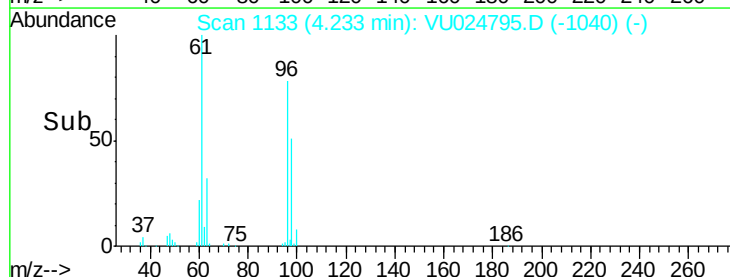
20000

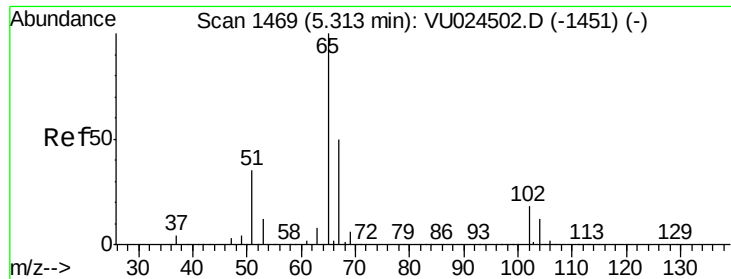
0

Time-->

4.20

4.30

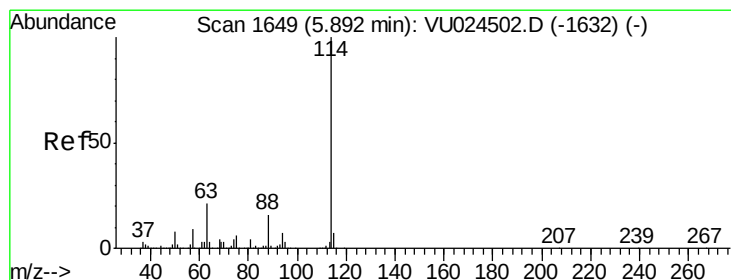
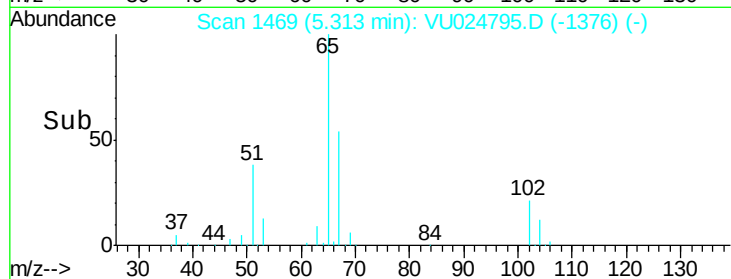
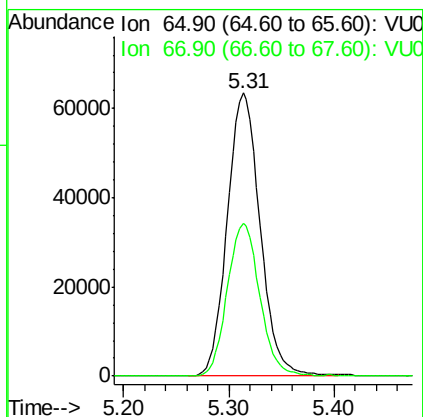
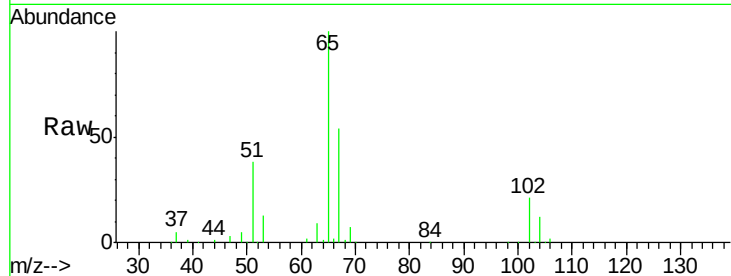




#33
 1,2-Dichloroethane-d4
 Concen: 43.37 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024795.D
 Acq: 21 Jun 2018 07:17

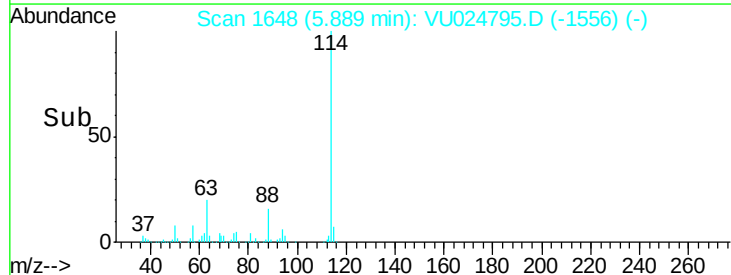
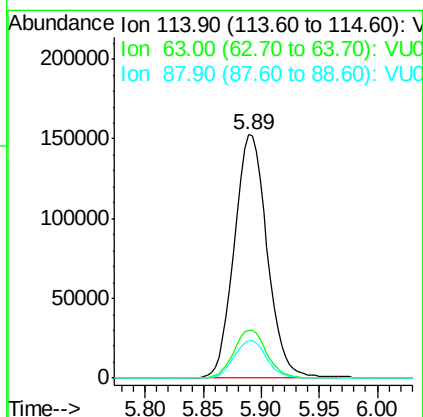
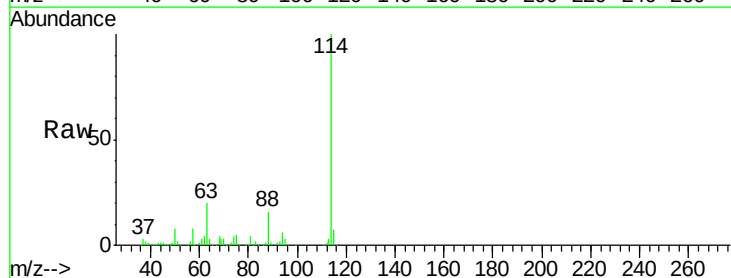
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-01

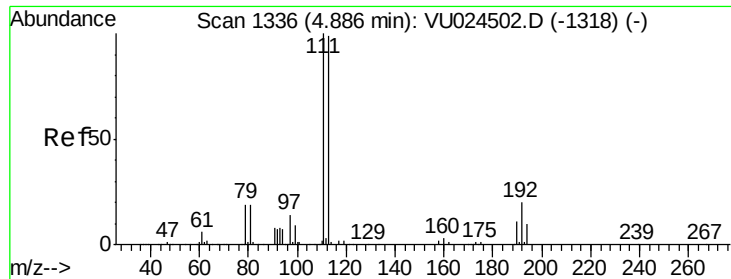
Tot Ion: 65 Resp: 137016
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024795.D
 Acq: 21 Jun 2018 07:17

Tgt Ion: 114 Resp: 299890
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 45.4
 88 15.6 0.0 31.0

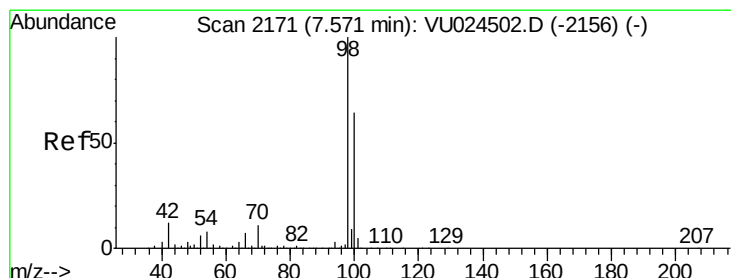
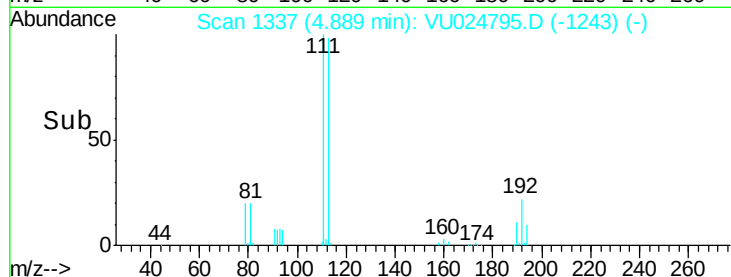
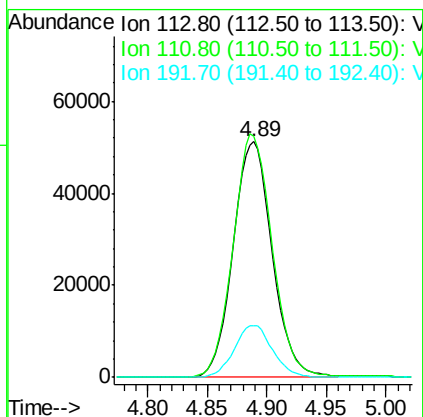
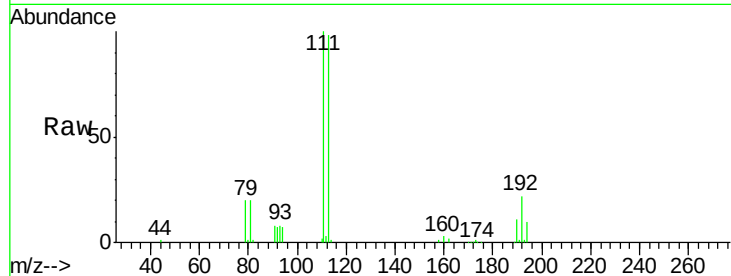




#35
 Dibromofluoromethane
 Concen: 46.72 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024795.D
 Acq: 21 Jun 2018 07:17

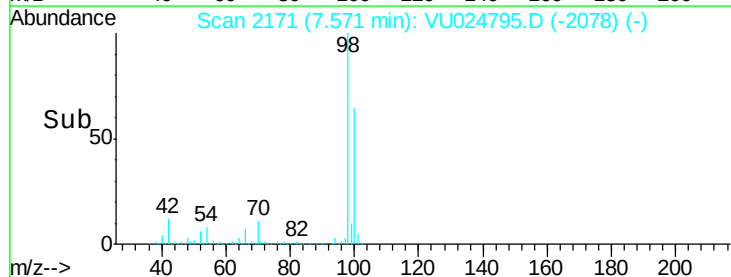
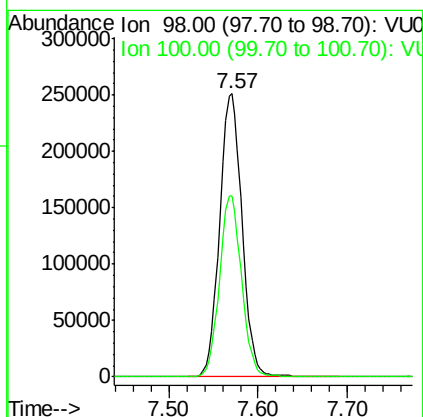
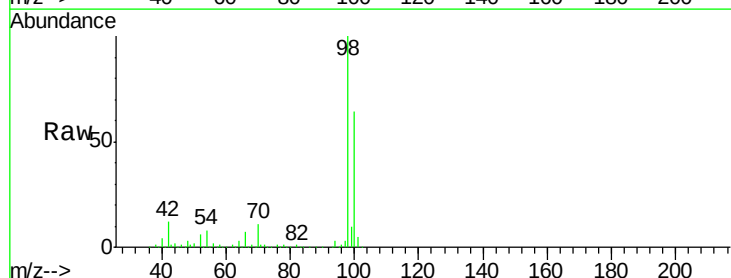
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-01

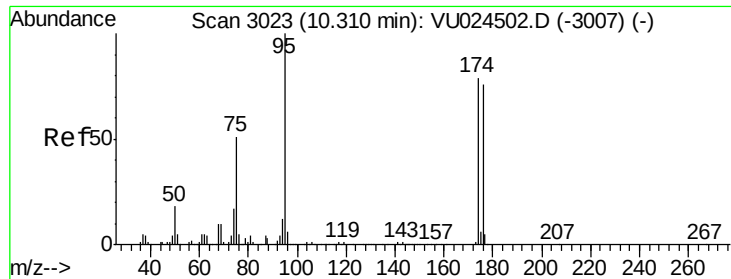
Tot Ion:113 Resp: 116284
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 21.8 16.2 24.4



#50
 Toluene-d8
 Concen: 48.08 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024795.D
 Acq: 21 Jun 2018 07:17

Tgt Ion: 98 Resp: 436456
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.1 76.7

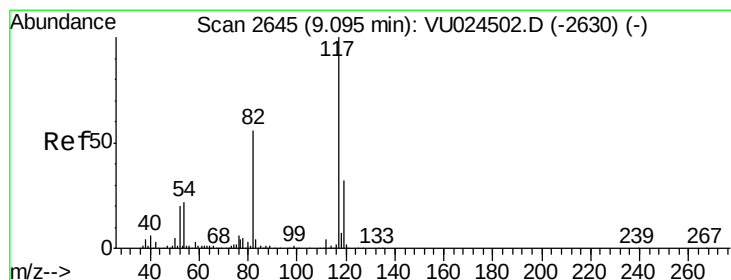
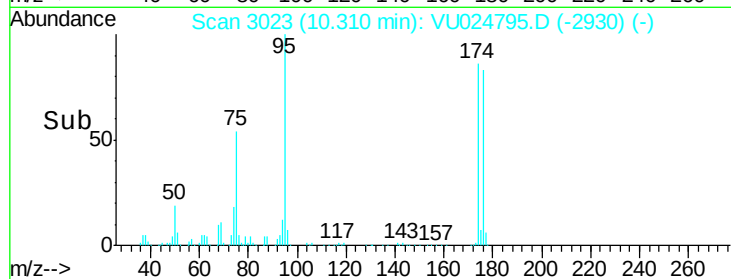
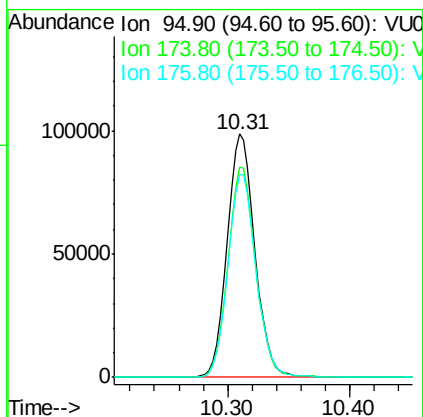
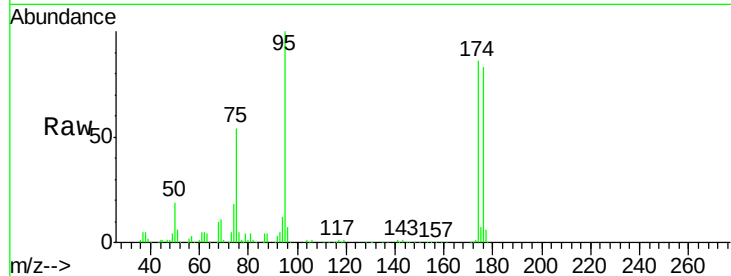




#62
4-Bromofluorobenzene
Concen: 43.60 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024795.D
Acq: 21 Jun 2018 07:17

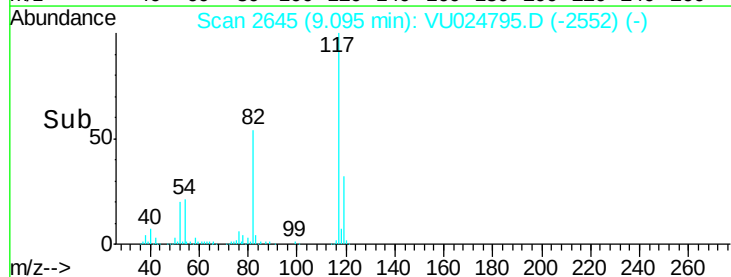
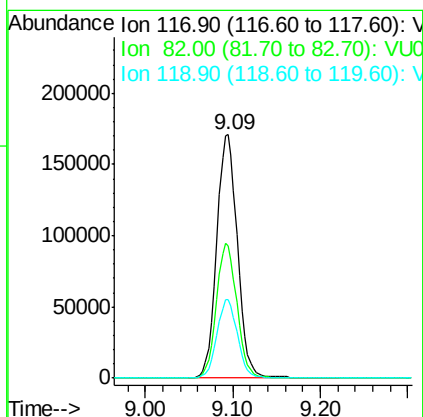
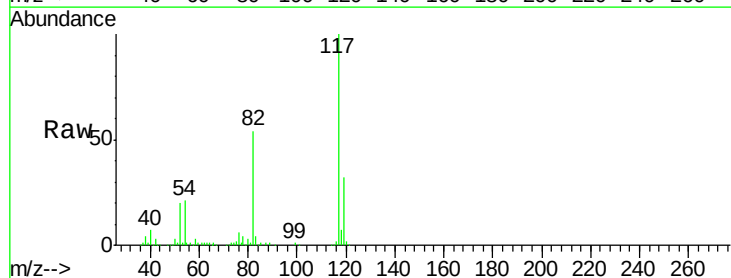
Instrument :
MSVOA_U
ClientSampleId :
DUP-01

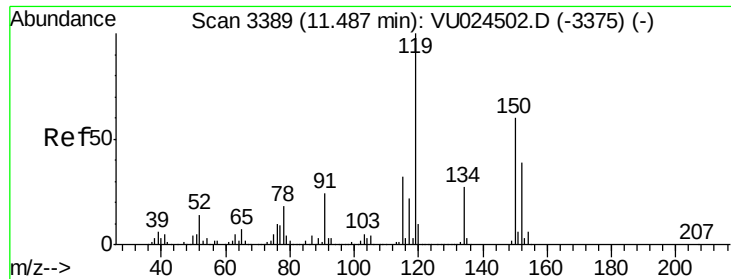
Tot Ion	95	Resp	157145
Ion	Ratio	Lower	Upper
95	100		
174	86.7	0.0	165.8
176	84.4	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024795.D
Acq: 21 Jun 2018 07:17

Tgt Ion	117	Resp	281292
Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.3	66.5
119	32.5	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: VU024795.D

Acq: 21 Jun 2018 07:17

Instrument :

MSVOA_U

ClientSampleId :

DUP-01

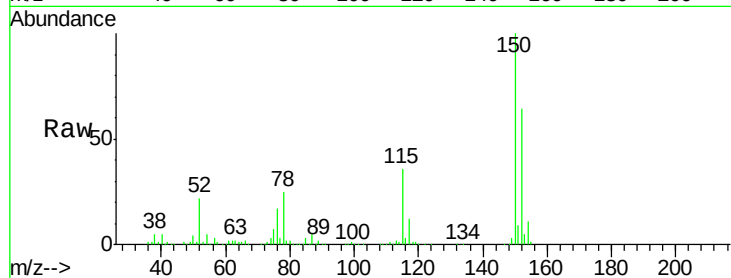
Tot Ion:152 Resp: 151936

Ion Ratio Lower Upper

152 100

115 56.7 43.0 129.0

150 156.1 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

