

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062318\
 Data File : VU024843.D
 Acq On : 22 Jun 2018 19:50
 Operator : MD/SY
 Sample : J3561-01DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0623DL

Quant Time: Jun 23 04:03:50 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

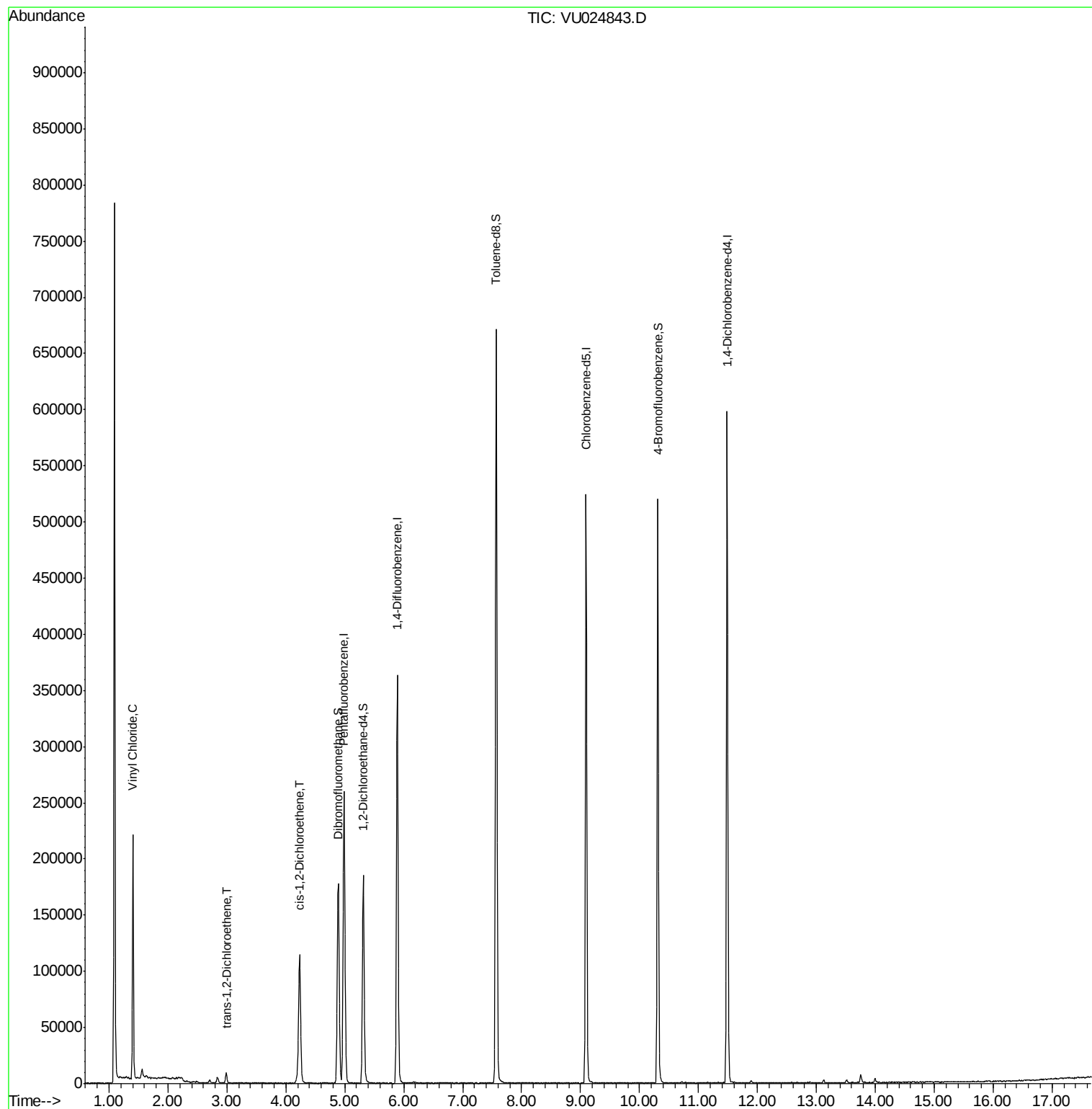
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	205265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	308331	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	286014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	147620	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
35) Dibromofluoromethane	4.89	113	119885	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
50) Toluene-d8	7.57	98	452222	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	10.31	95	166372	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
Target Compounds						
4) Vinyl Chloride	1.40	62	135109	49.91	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	3546	1.38	ug/l	88
27) cis-1,2-Dichloroethene	4.23	96	64206	21.69	ug/l	87

(#) = 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: VU024843.D

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Instrument :

MSVOA_U

ClientSampleId :

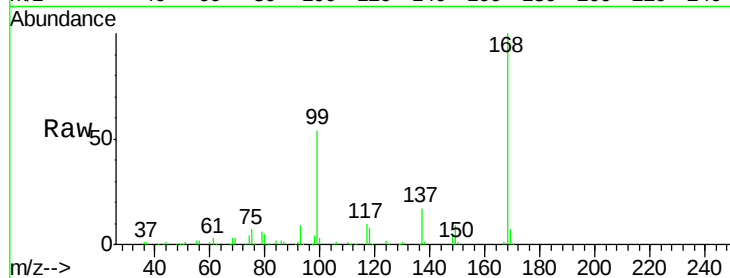
S32-0623DL

Tot Ion:168 Resp: 205265

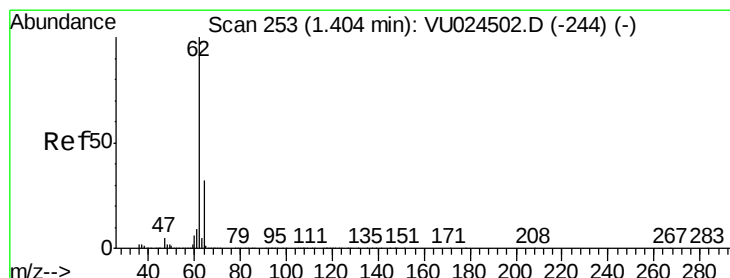
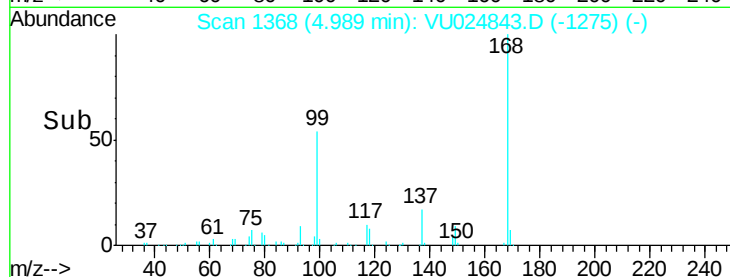
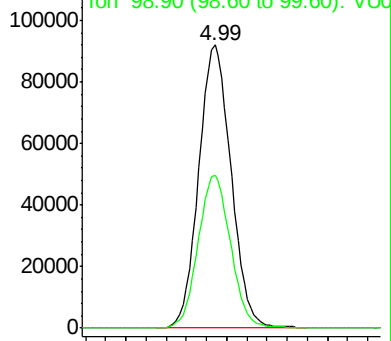
Ion Ratio Lower Upper

168 100

99 54.1 43.2 64.8



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



#4

Vinyl Chloride

Concen: 49.91 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024843.D

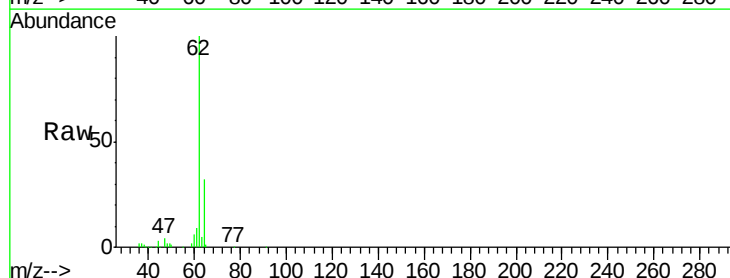
Acq: 22 Jun 2018 19:50

Tgt Ion: 62 Resp: 135109

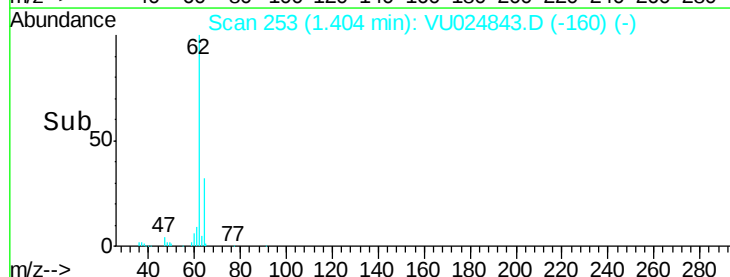
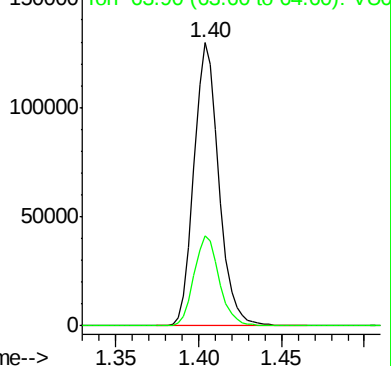
Ion Ratio Lower Upper

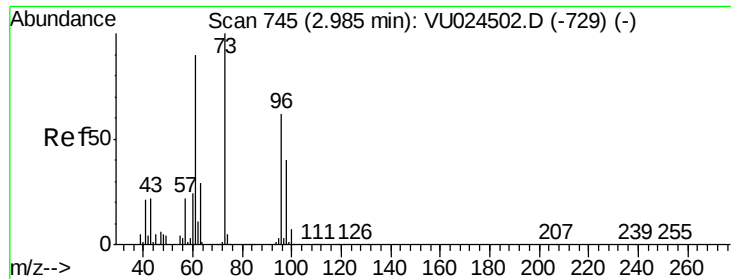
62 100

64 31.9 24.8 37.2



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





#21

trans-1,2-Dichloroethene

Concen: 1.38 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024843.D

Acq: 22 Jun 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

S32-0623DL

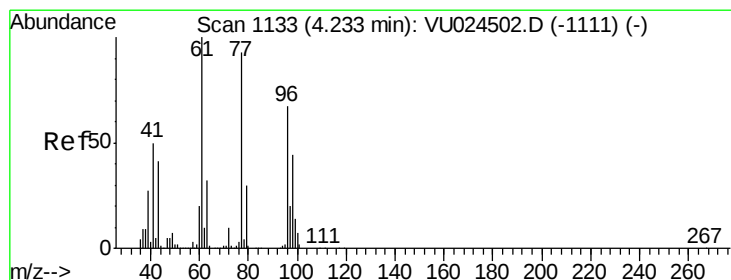
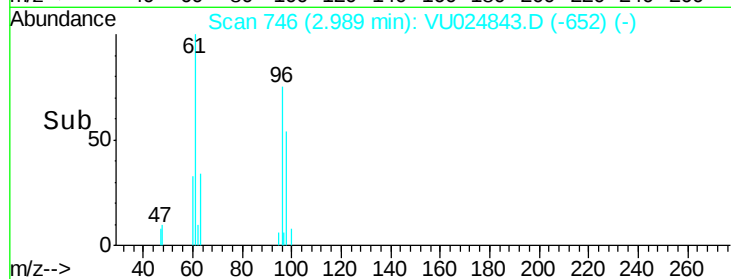
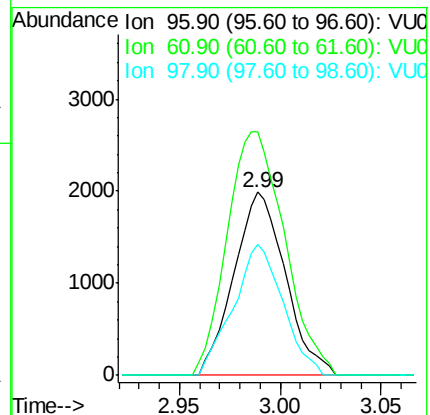
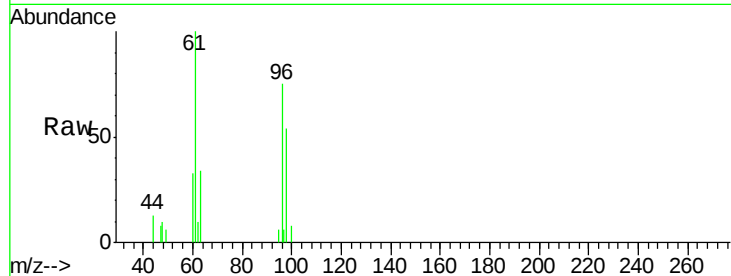
Tot Ion: 96 Resp: 3546

Ion Ratio Lower Upper

96 100

61 133.1 119.4 179.0

98 71.7 51.1 76.7



#27

cis-1,2-Dichloroethene

Concen: 21.69 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VU024843.D

Acq: 22 Jun 2018 19:50

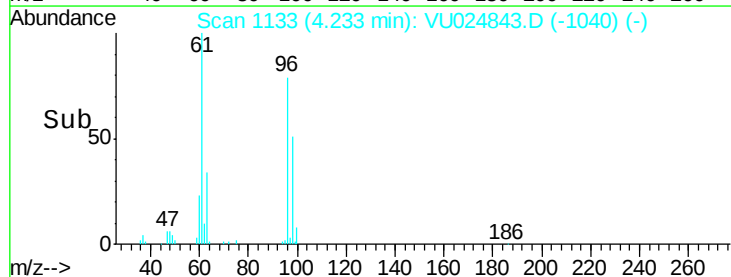
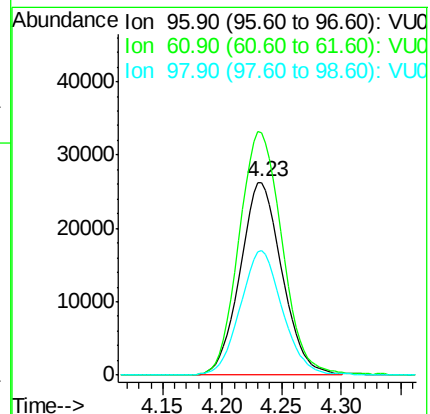
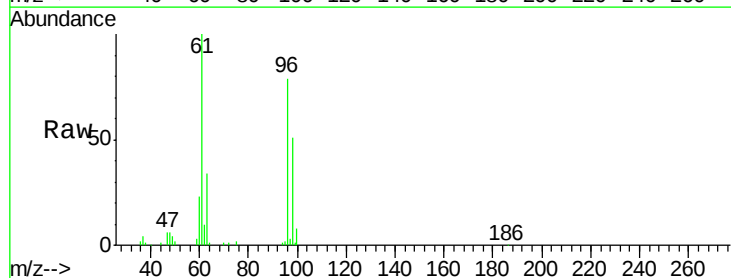
Tgt Ion: 96 Resp: 64206

Ion Ratio Lower Upper

96 100

61 129.8 0.0 306.6

98 64.7 0.0 128.8

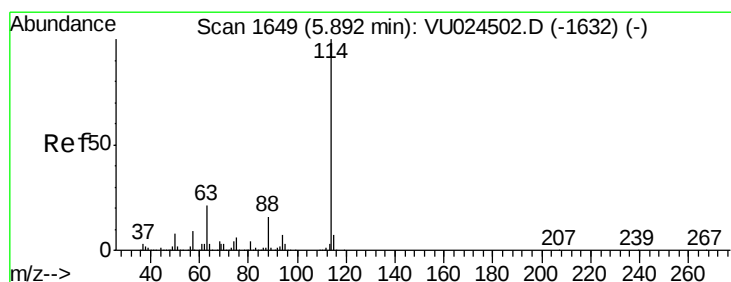
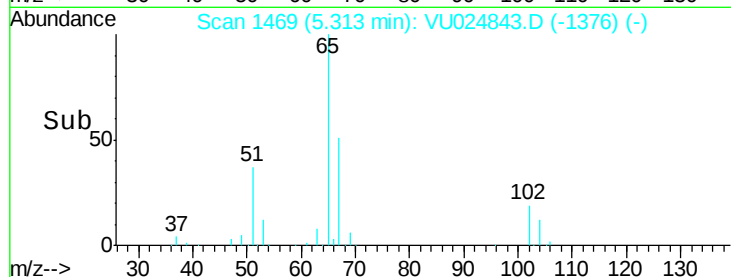
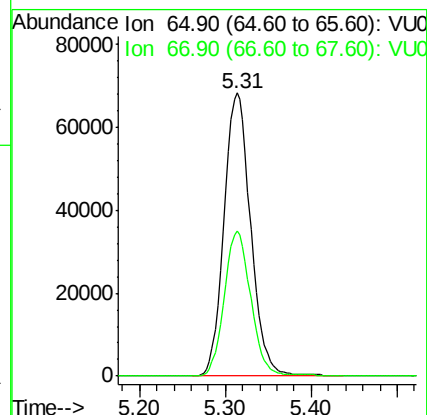
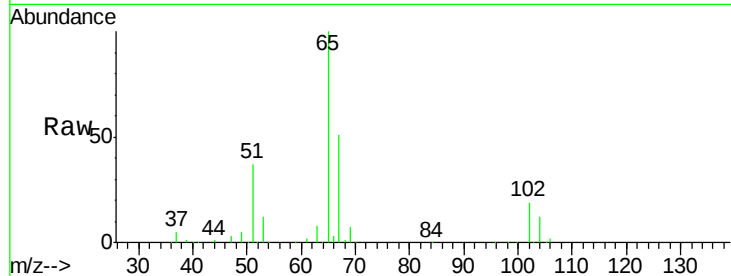




#33
 1,2-Dichloroethane-d4
 Concen: 44.05 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024843.D
 Acq: 22 Jun 2018 19:50

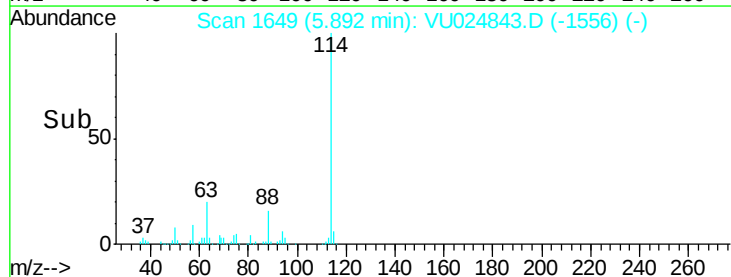
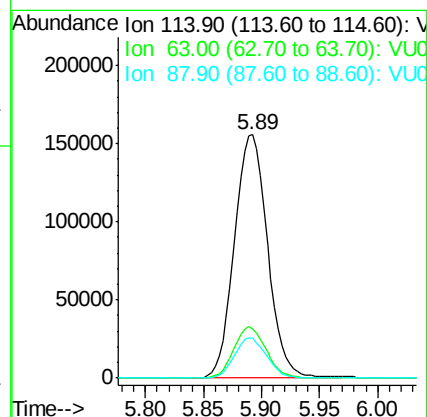
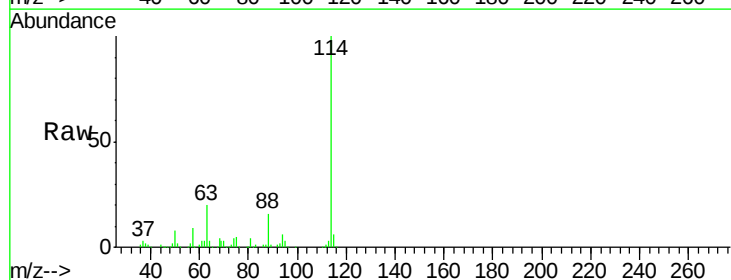
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0623DL

Tot Ion: 65 Resp: 147620
 Ion Ratio Lower Upper
 65 100
 67 50.8 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: VU024843.D
 Acq: 22 Jun 2018 19:50

Tgt Ion: 114 Resp: 308331
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 45.4
 88 16.2 0.0 31.0

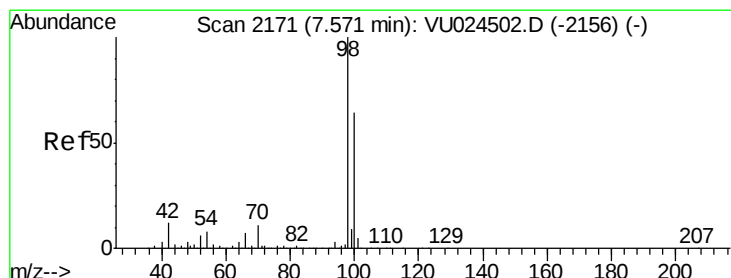
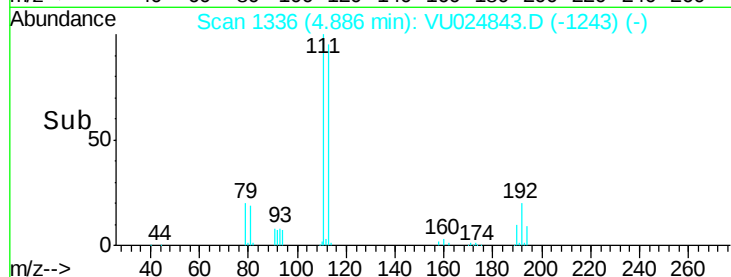
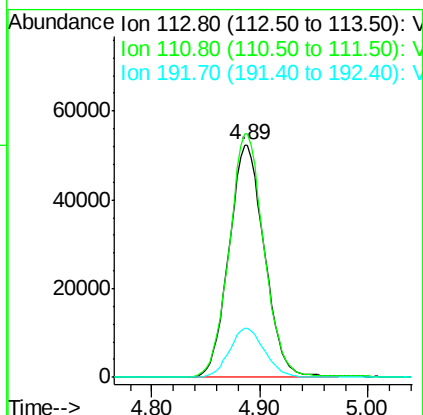
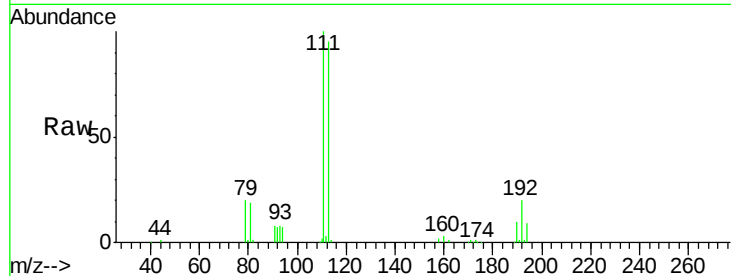




#35
 Dibromofluoromethane
 Concen: 46.85 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU024843.D
 Acq: 22 Jun 2018 19:50

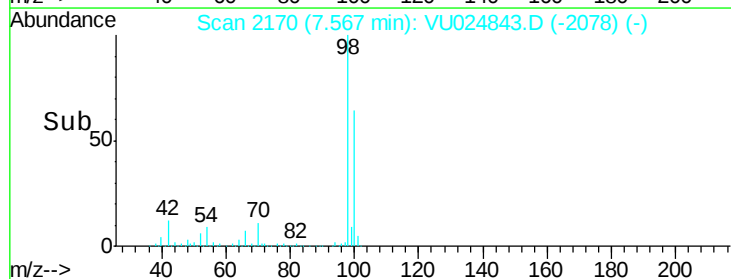
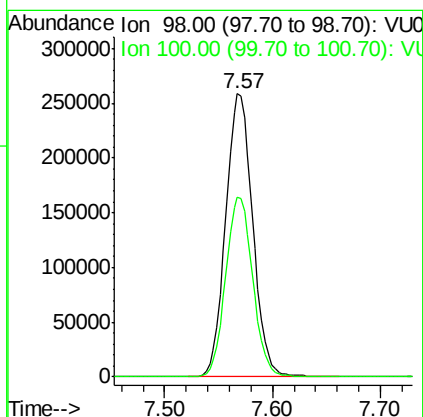
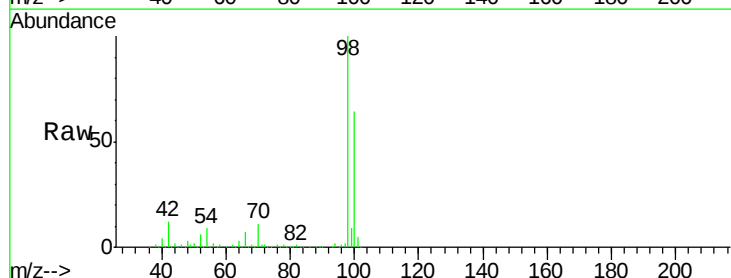
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0623DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	20.9	16.2	24.4



#50
 Toluene-d8
 Concen: 48.45 ug/l
 RT: 7.57 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VU024843.D
 Acq: 22 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.1	76.7

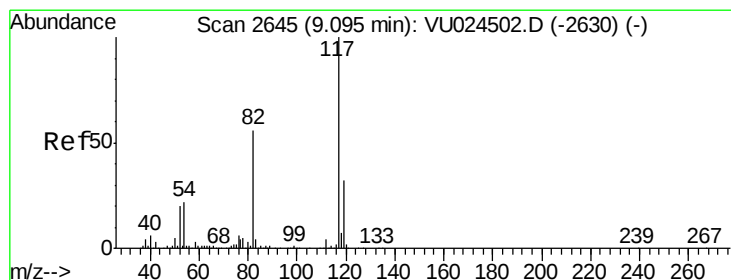
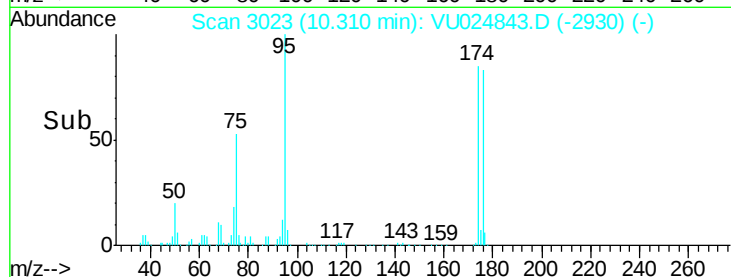
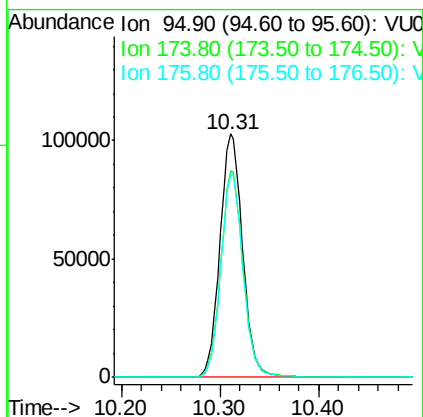
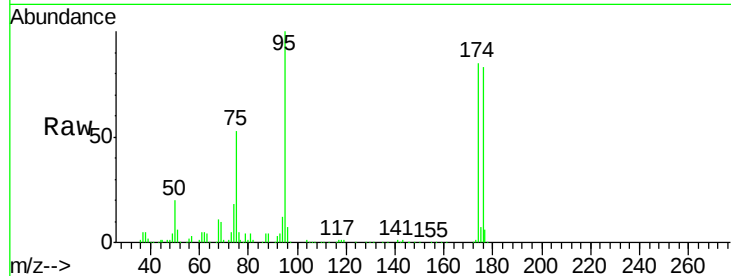




#62
4-Bromofluorobenzene
Concen: 44.89 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024843.D
Acq: 22 Jun 2018 19:50

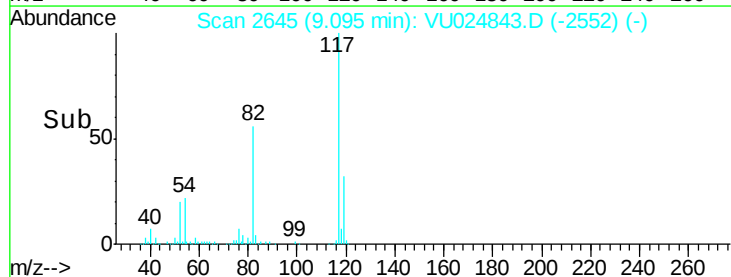
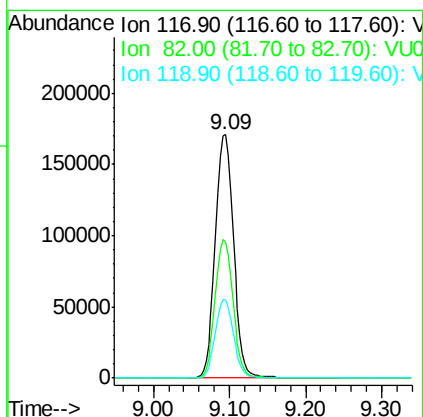
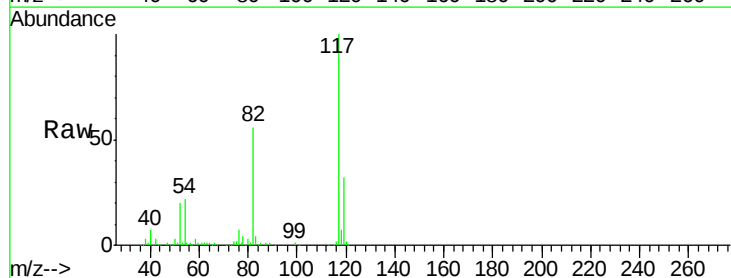
Instrument :
MSVOA_U
ClientSampleId :
S32-0623DL

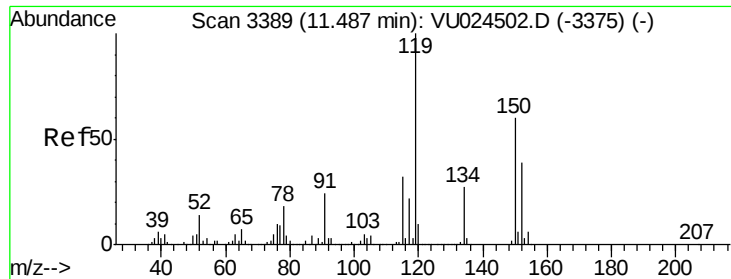
Tot Ion: 95 Resp: 166372
Ion Ratio Lower Upper
95 100
174 84.0 0.0 165.8
176 82.3 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024843.D
Acq: 22 Jun 2018 19:50

Tgt Ion: 117 Resp: 286014
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.3 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: VU024843.D

Acq: 22 Jun 2018 19:50

Instrument :

MSVOA_U

ClientSampleId :

S32-0623DL

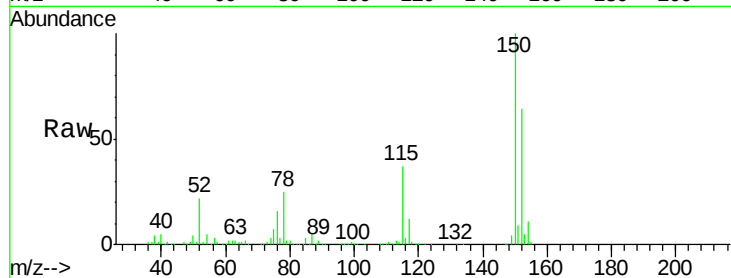
Tot Ion:152 Resp: 153830

Ion Ratio Lower Upper

152 100

115 58.0 43.0 129.0

150 157.0 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

