

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062118\
 Data File : VU024817.D
 Acq On : 21 Jun 2018 17:42
 Operator : MD/SY
 Sample : J3561-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0624

Quant Time: Jun 22 04:44:36 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

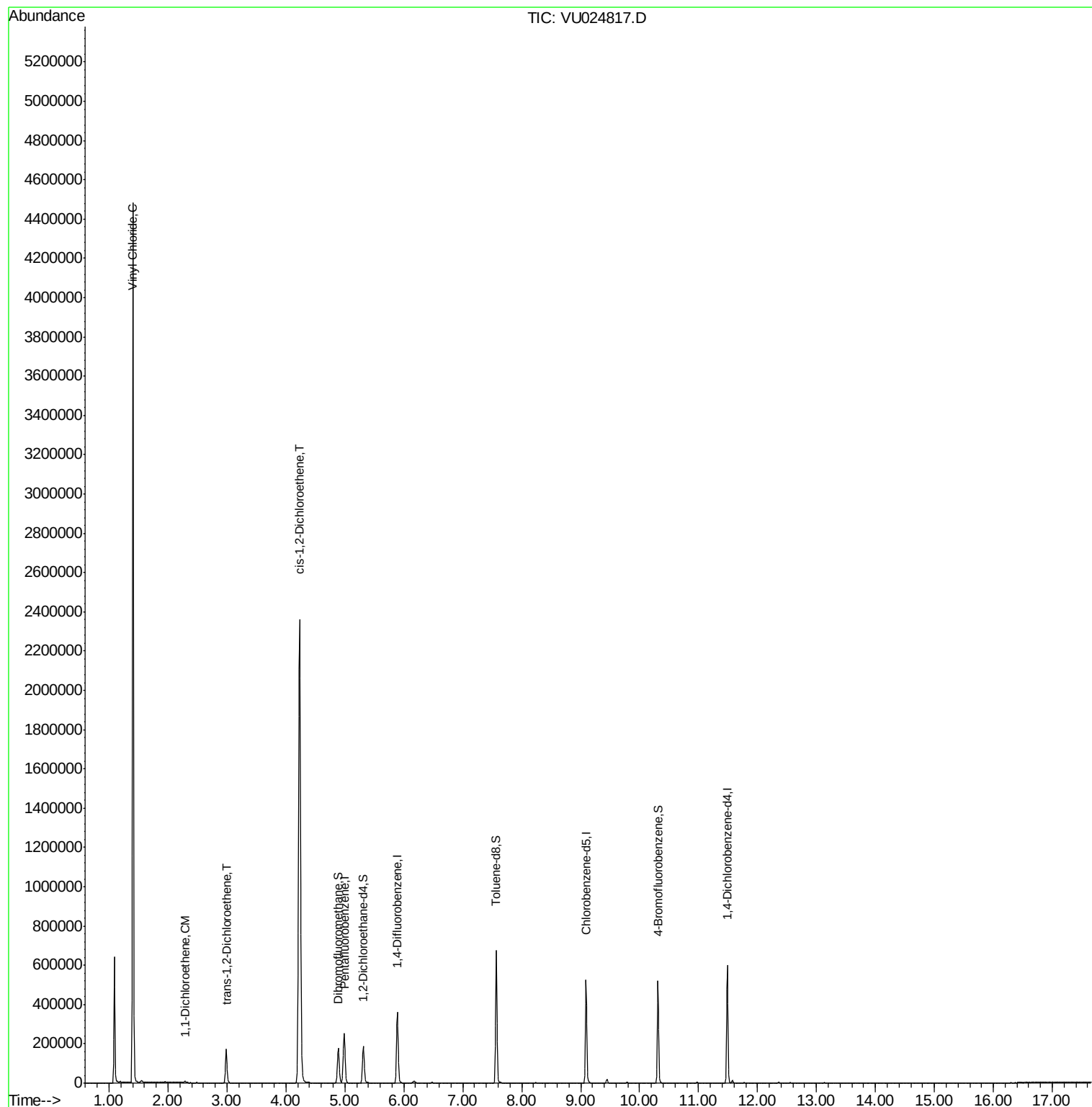
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	199761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	307027	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	286038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	153972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	144557	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
35) Dibromofluoromethane	4.89	113	119864	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
50) Toluene-d8	7.57	98	447565	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	10.31	95	164197	44.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.98%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2797367	1061.85	ug/l	98
12) 1,1-Dichloroethene	2.29	96	2801	1.23	ug/l	87
21) trans-1,2-Dichloroethene	2.99	96	67875	27.09	ug/l	94
27) cis-1,2-Dichloroethene	4.23	96	1325861	460.35	ug/l	87

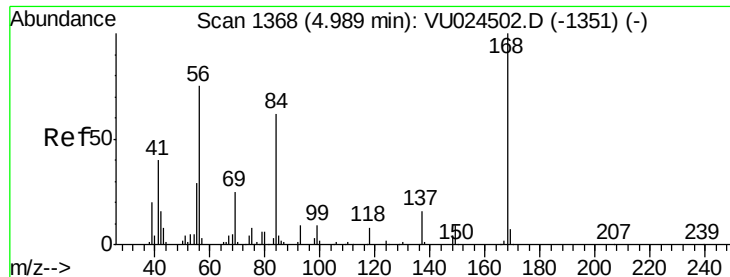
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062118\
Data File : VU024817.D
Acq On : 21 Jun 2018 17:42
Operator : MD/SY
Sample : J3561-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
S32-0624

Quant Time: Jun 22 04:44:36 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024817.D

Acq: 21 Jun 2018 17:42

Instrument :

MSVOA_U

ClientSampleId :

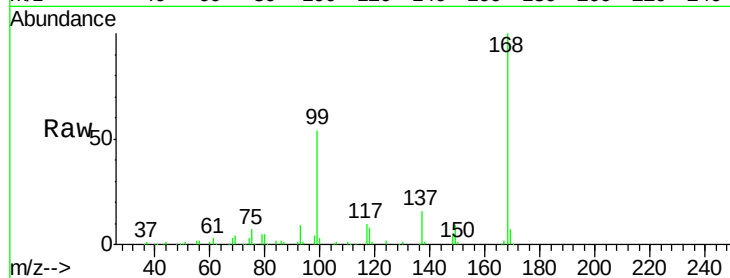
S32-0624

Tot Ion:168 Resp: 199761

Ion Ratio Lower Upper

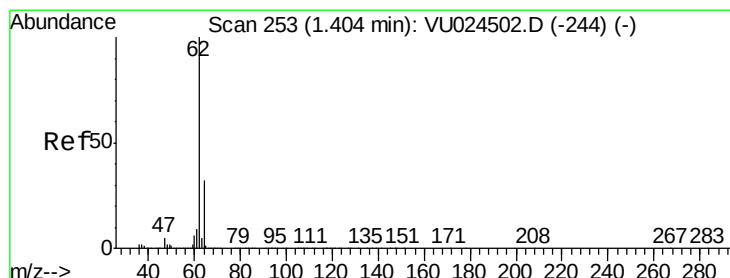
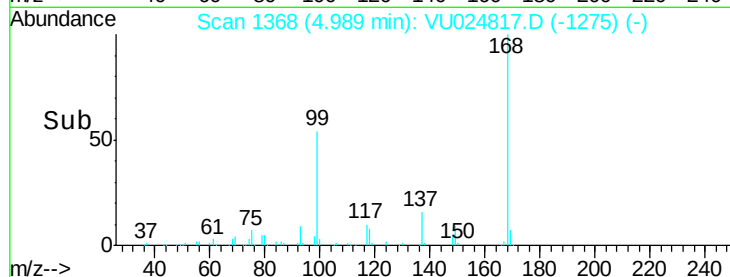
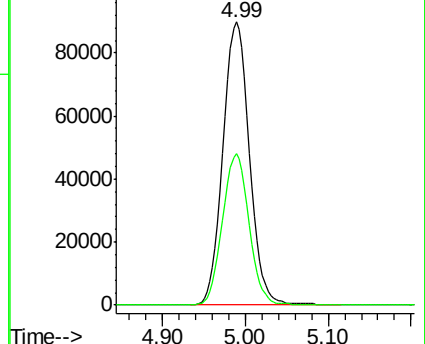
168 100

99 53.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024817.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024817.D (-1275) (-)



#4

Vinyl Chloride

Concen: 1061.85 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024817.D

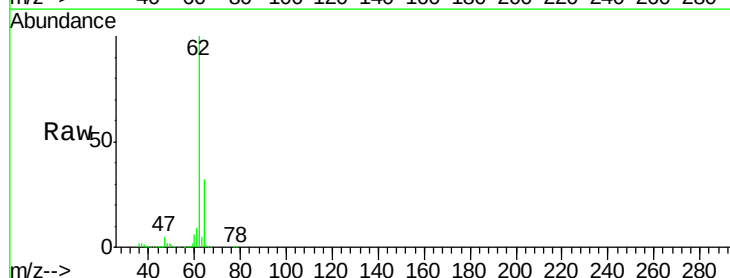
Acq: 21 Jun 2018 17:42

Tgt Ion: 62 Resp: 2797367

Ion Ratio Lower Upper

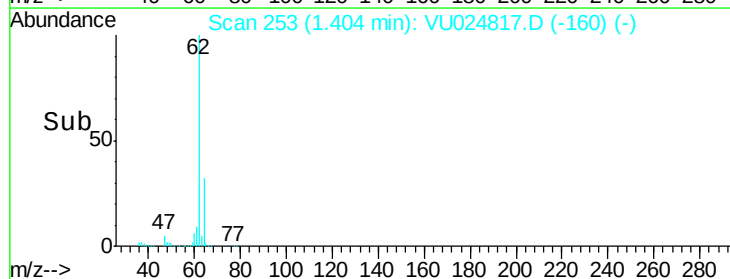
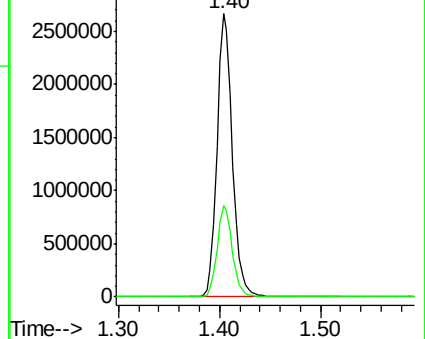
62 100

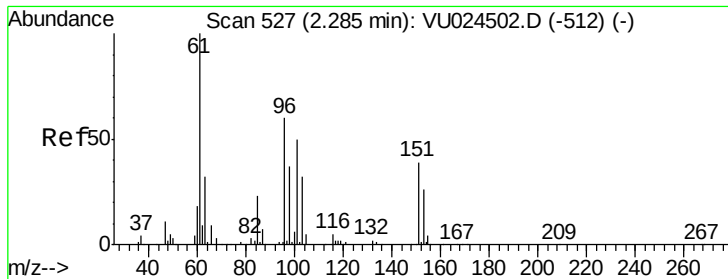
64 32.1 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024817.D (-160) (-)

Ion 63.90 (63.60 to 64.60): VU024817.D (-160) (-)

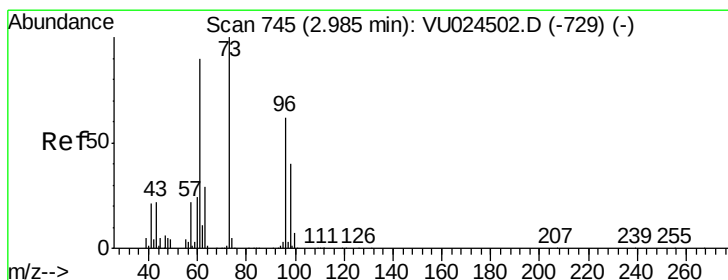
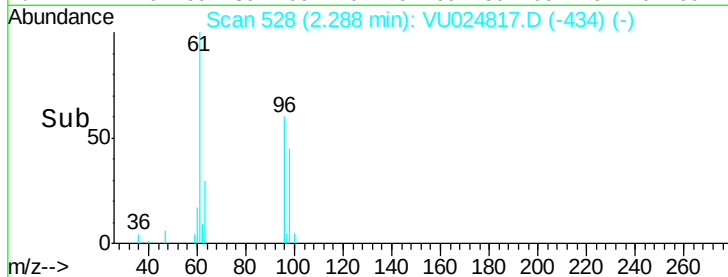
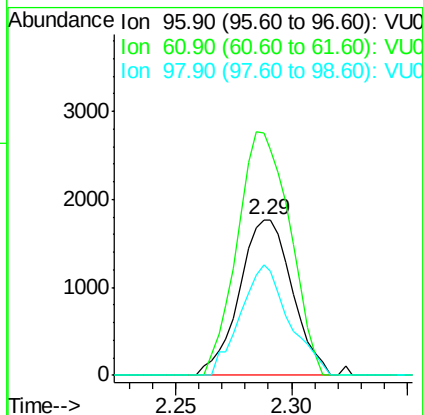
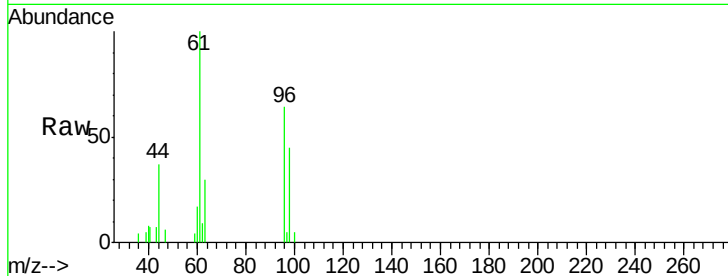




#12
 1,1-Dichloroethene
 Concen: 1.23 ug/l
 RT: 2.29 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VU024817.D
 Acq: 21 Jun 2018 17:42

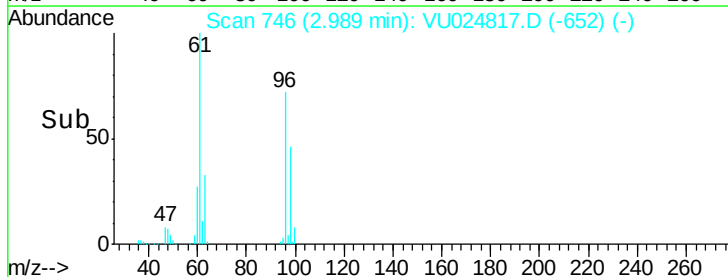
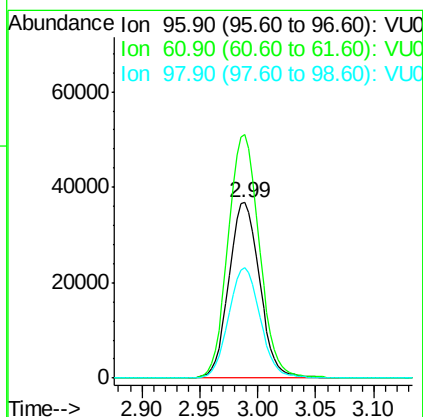
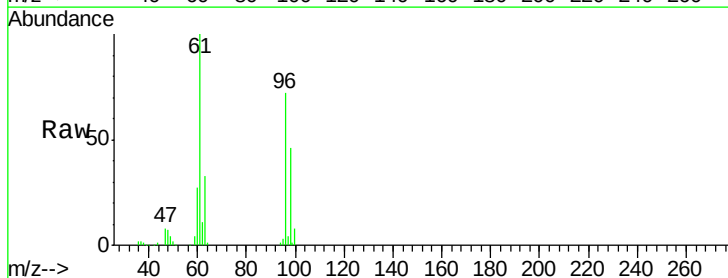
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0624

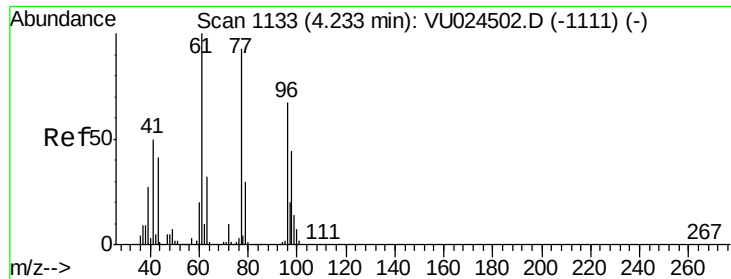
Tot Ion: 96 Resp: 2801
 Ion Ratio Lower Upper
 96 100
 61 155.8 141.7 212.5
 98 70.9 51.6 77.4



#21
 trans-1,2-Dichloroethene
 Concen: 27.09 ug/l
 RT: 2.99 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VU024817.D
 Acq: 21 Jun 2018 17:42

Tgt Ion: 96 Resp: 67875
 Ion Ratio Lower Upper
 96 100
 61 138.6 119.4 179.0
 98 63.1 51.1 76.7



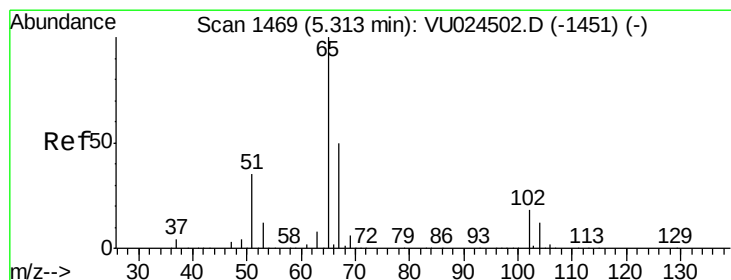
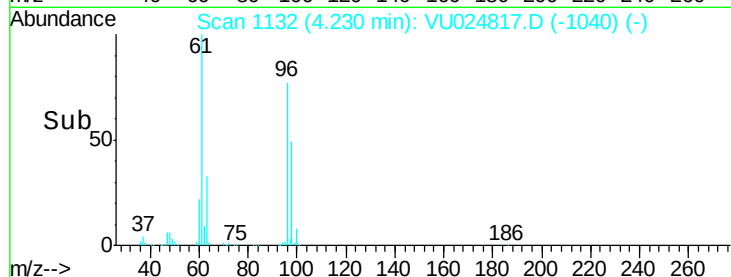
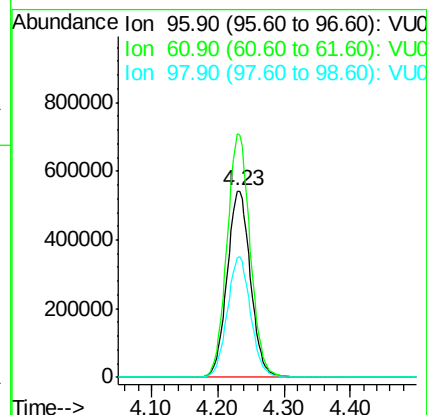
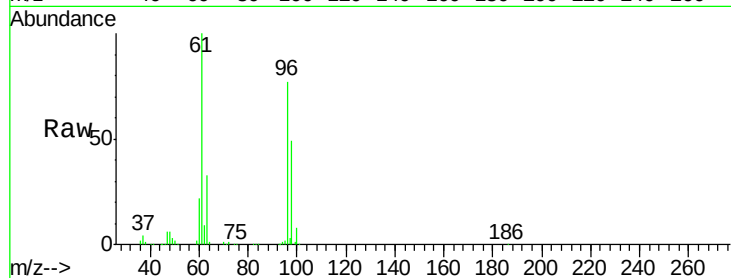


#27
 cis-1,2-Dichloroethene
 Concen: 460.35 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024817.D
 Acq: 21 Jun 2018 17:42

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-0624

Tot Ion: 96 Resp: 1325861

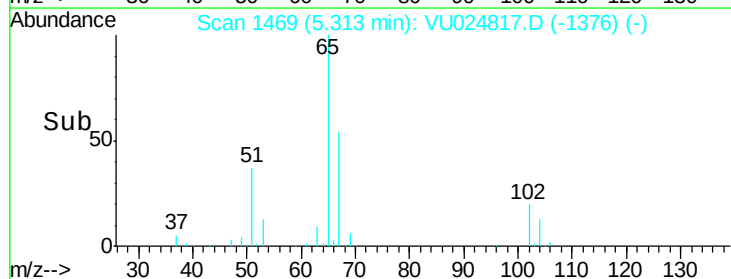
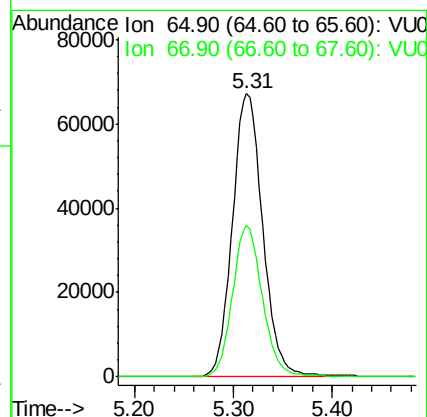
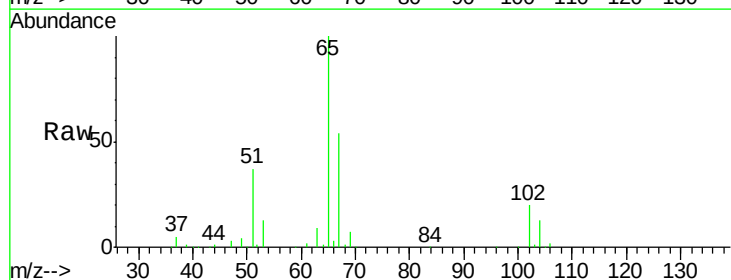
Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	306.6
98	64.3	0.0	128.8

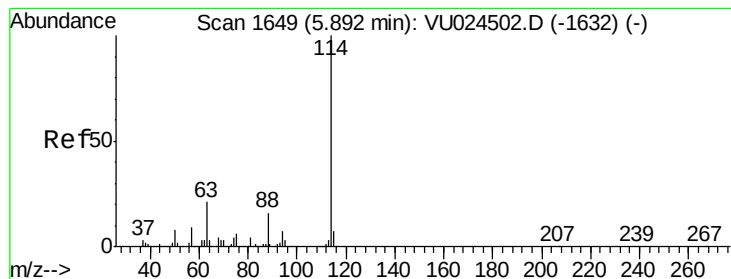


#33
 1,2-Dichloroethane-d4
 Concen: 44.33 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024817.D
 Acq: 21 Jun 2018 17:42

Tgt Ion: 65 Resp: 144557

Ion	Ratio	Lower	Upper
65	100		
67	52.5	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: VU024817.D

Acq: 21 Jun 2018 17:42

Instrument :

MSVOA_U

ClientSampleId :

S32-0624

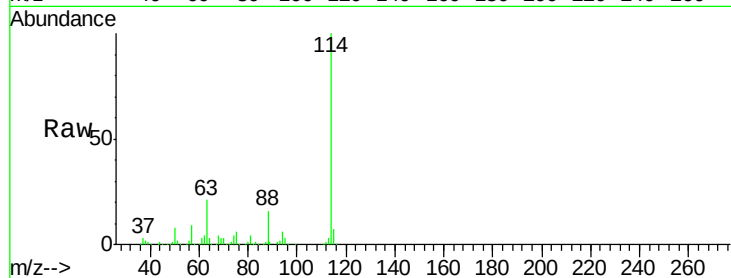
Tot Ion:114 Resp: 307027

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.4

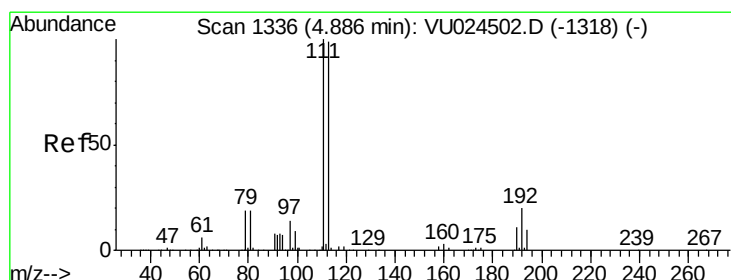
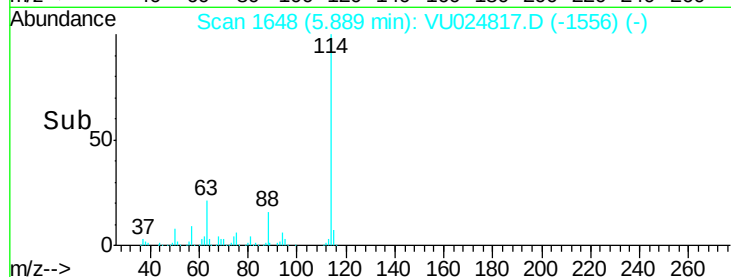
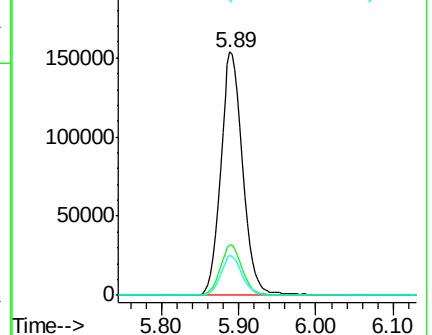
88 16.3 0.0 31.0



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: 47.04 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024817.D

Acq: 21 Jun 2018 17:42

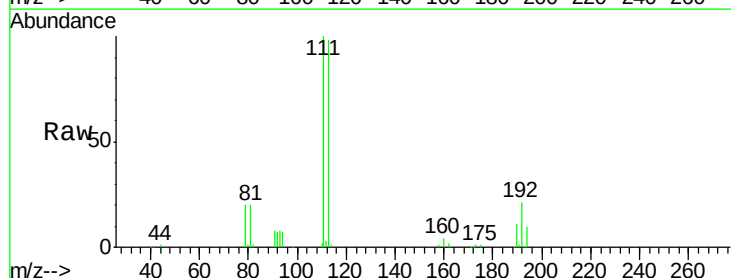
Tgt Ion:113 Resp: 119864

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

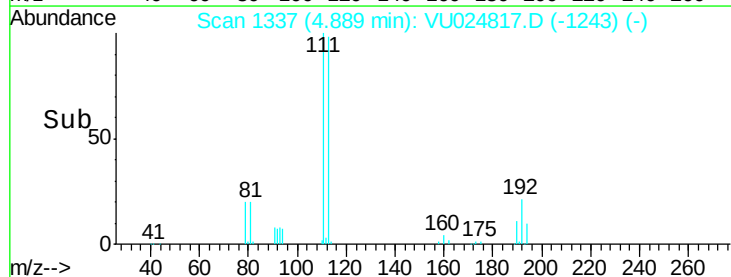
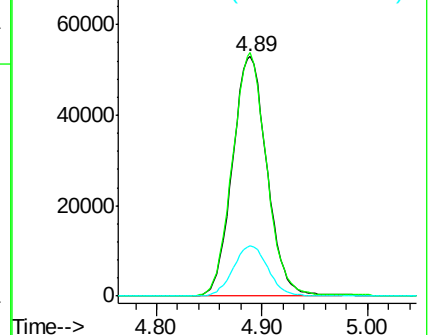
192 21.2 16.2 24.4

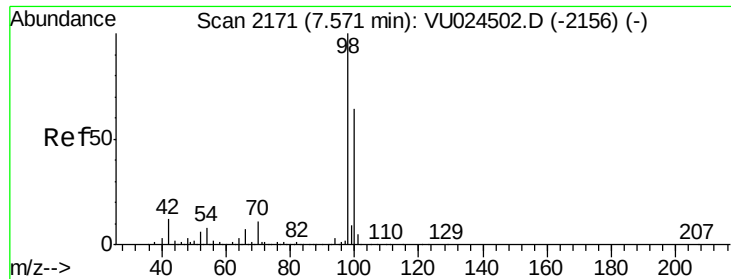


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.15 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024817.D

Acq: 21 Jun 2018 17:42

Instrument :

MSVOA_U

ClientSampleId :

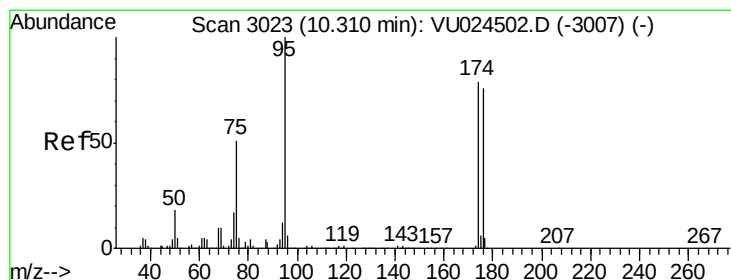
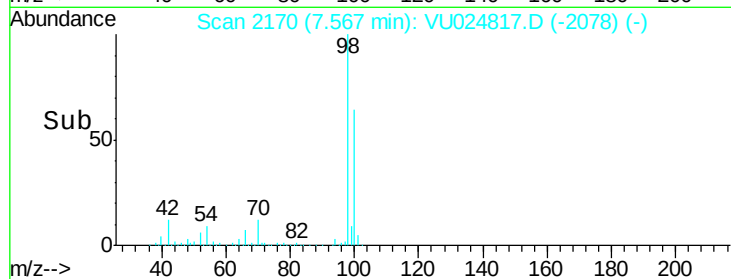
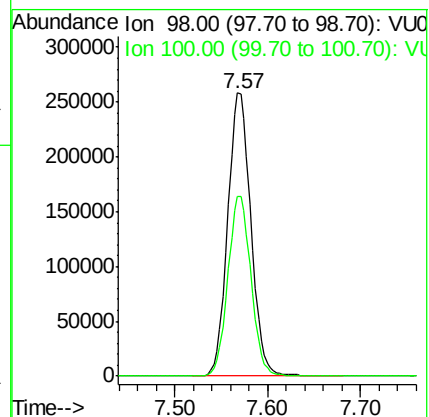
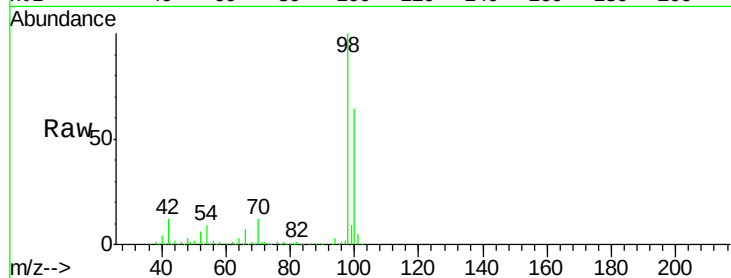
S32-0624

Tot Ion: 98 Resp: 447565

Ion Ratio Lower Upper

98 100

100 63.3 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.49 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024817.D

Acq: 21 Jun 2018 17:42

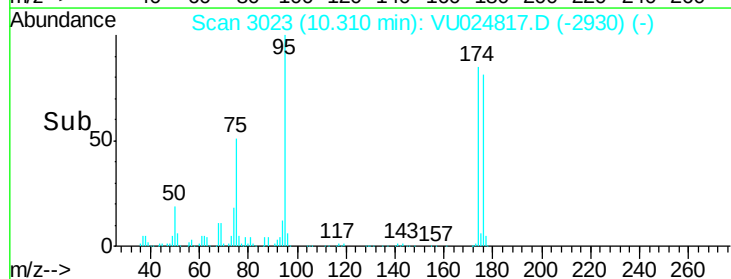
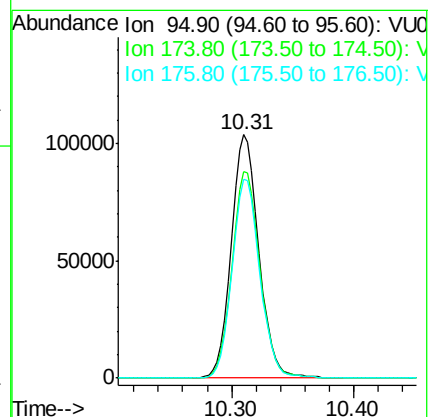
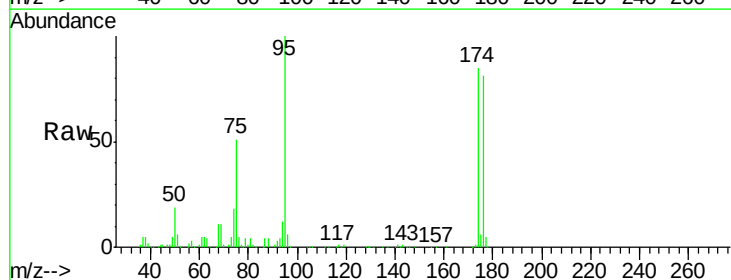
Tgt Ion: 95 Resp: 164197

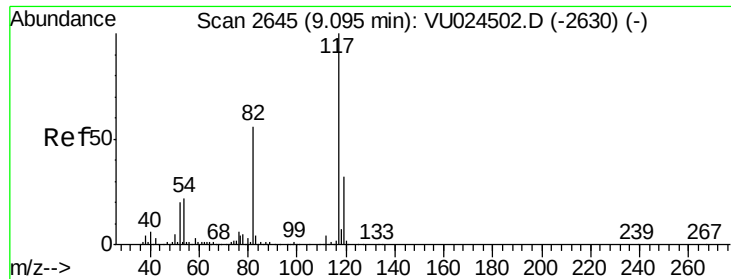
Ion Ratio Lower Upper

95 100

174 86.2 0.0 165.8

176 82.2 0.0 159.4

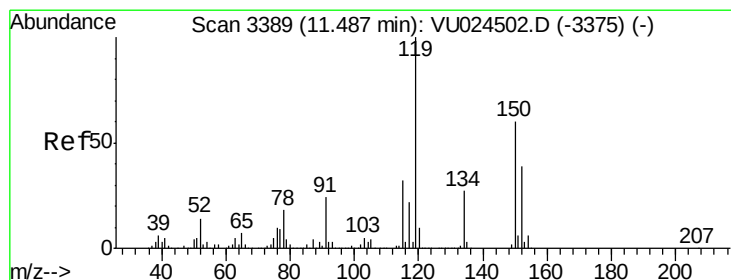
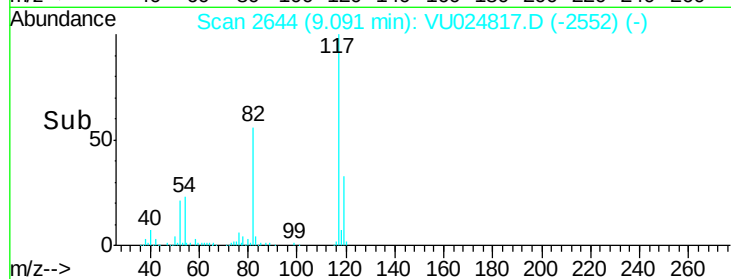
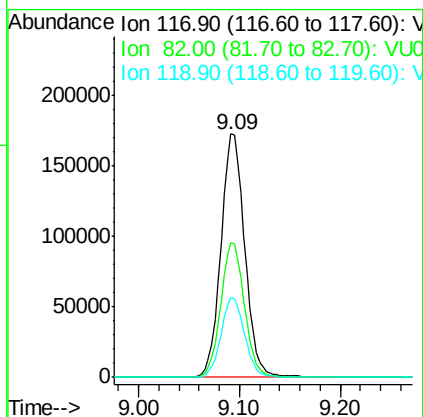
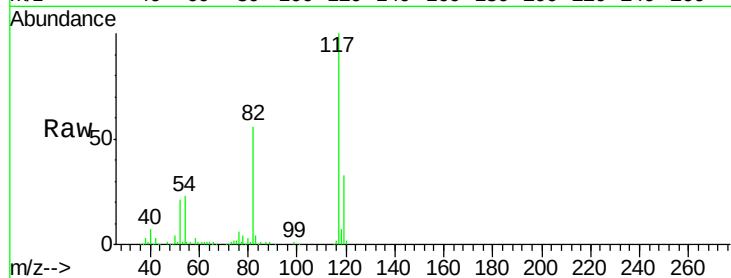




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024817.D
Acq: 21 Jun 2018 17:42

Instrument :
MSVOA_U
ClientSampleId :
S32-0624

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	32.6	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: VU024817.D
Acq: 21 Jun 2018 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	43.0	129.0
150	156.4	0.0	354.0

