

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024705.D
 Acq On : 18 Jun 2018 20:39
 Operator : MD/SY
 Sample : J3477-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S36-0140

Quant Time: Jun 19 07:23:55 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

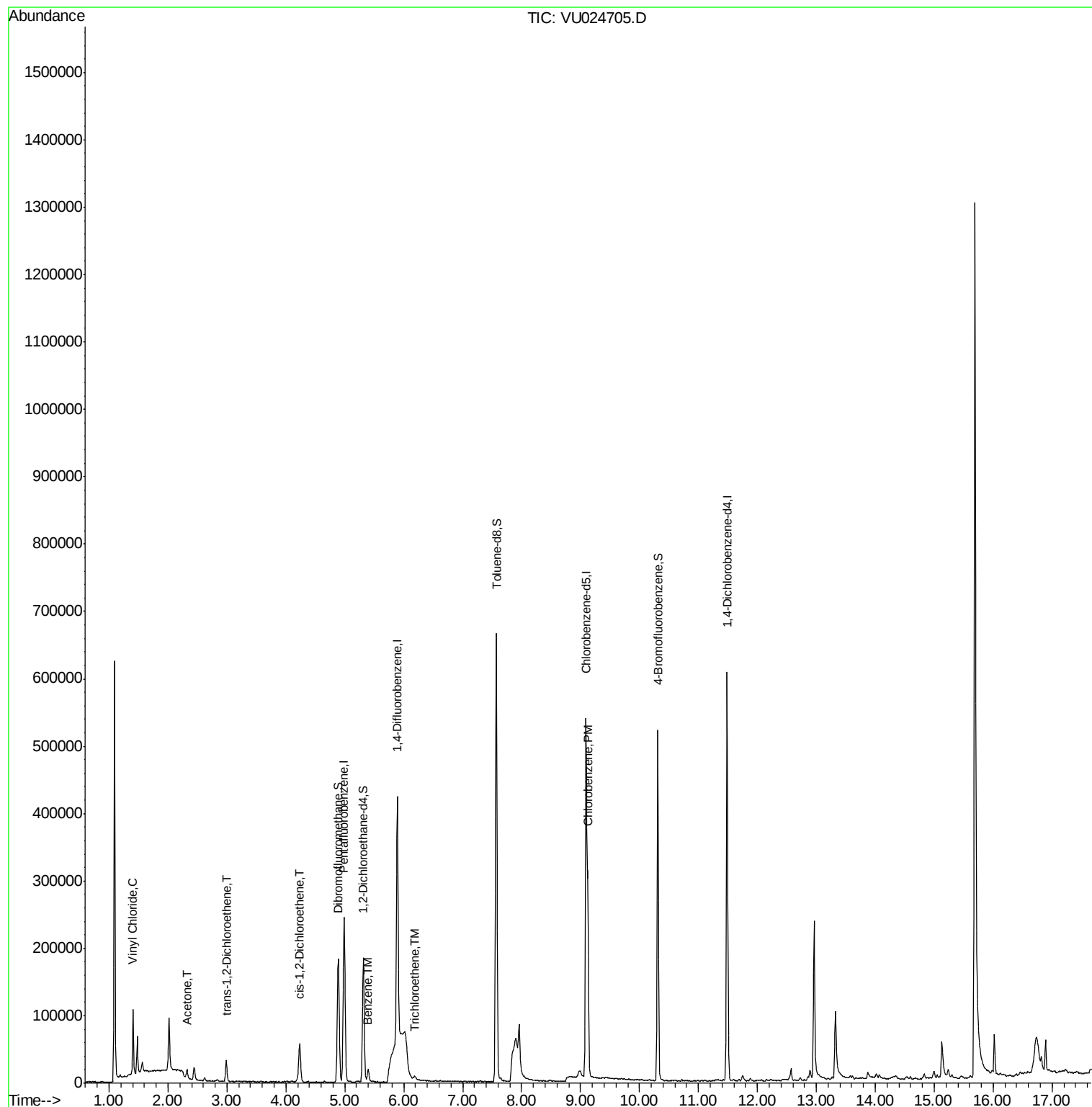
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	305735	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	287511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	154533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	140371	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
35) Dibromofluoromethane	4.89	113	122492	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	7.57	98	443206	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	10.31	95	160924	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
Target Compounds						
4) Vinyl Chloride	1.41	62	60147	23.66	ug/l	99
16) Acetone	2.32	43	14103	8.34	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	12040	4.98	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	31315	11.27	ug/l	86
40) Benzene	5.39	78	17030	1.66	ug/l	97
44) Trichloroethene	6.19	130	1036	0.36	ug/l	77
65) Chlorobenzene	9.12	112	149557	20.36	ug/l	99

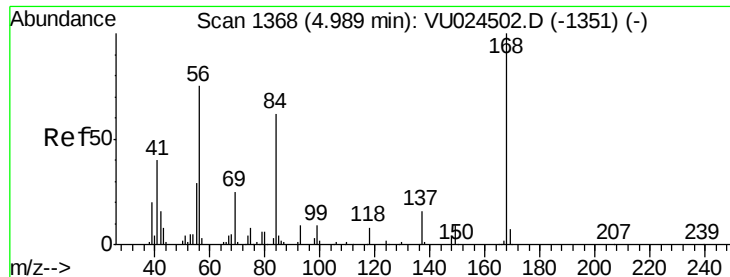
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024705.D

Acq: 18 Jun 2018 20:39

Instrument :

MSVOA_U

ClientSampleId :

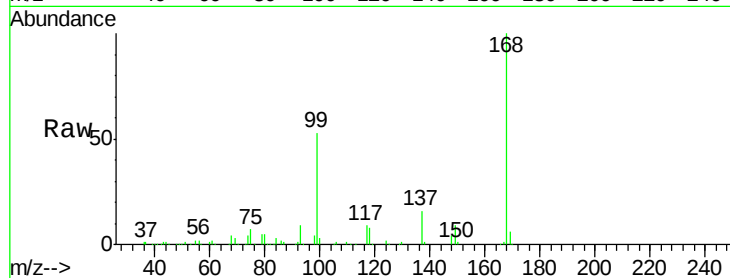
S36-0140

Tot Ion:168 Resp: 192771

Ion Ratio Lower Upper

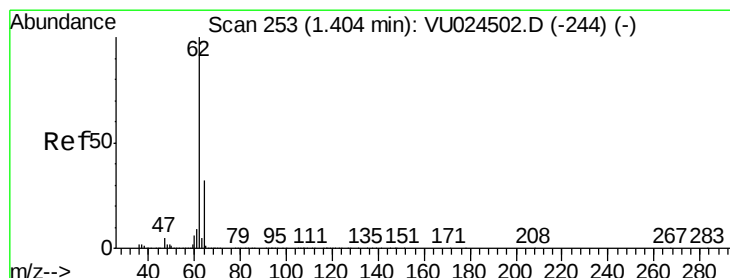
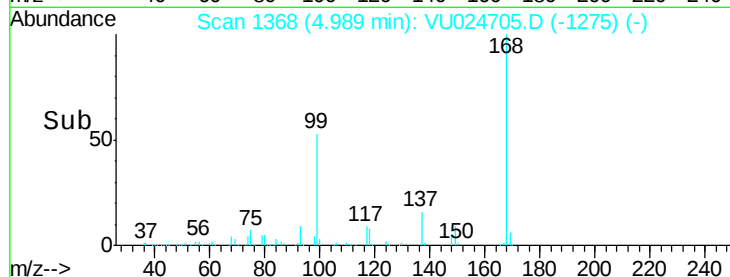
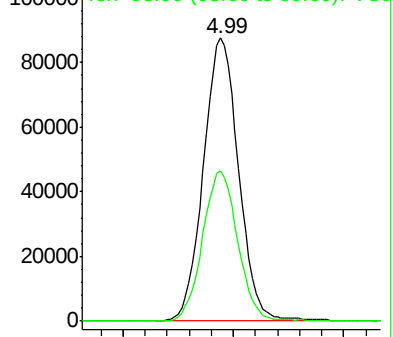
168 100

99 53.0 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 23.66 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024705.D

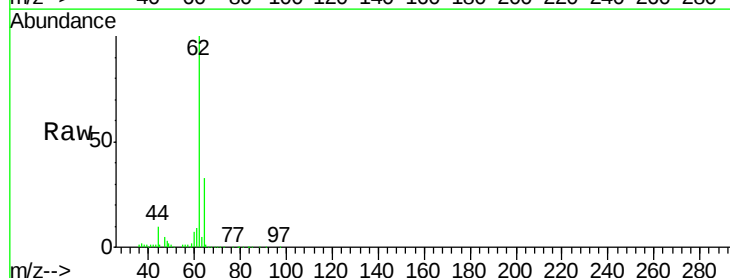
Acq: 18 Jun 2018 20:39

Tgt Ion: 62 Resp: 60147

Ion Ratio Lower Upper

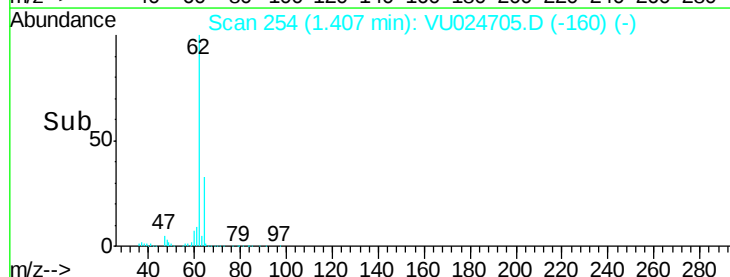
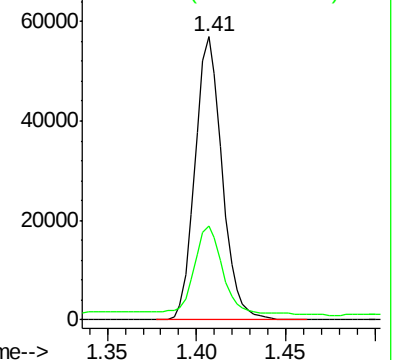
62 100

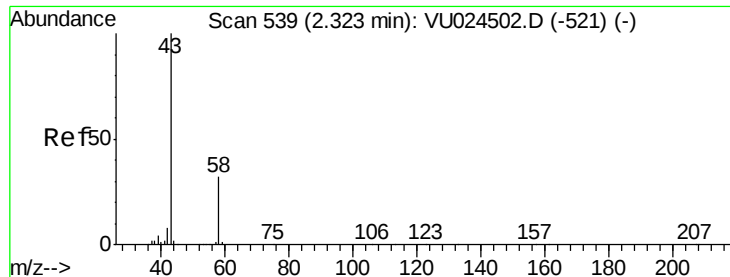
64 31.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#16

Acetone

Concen: 8.34 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024705.D

Acq: 18 Jun 2018 20:39

Instrument :

MSVOA_U

ClientSampleId :

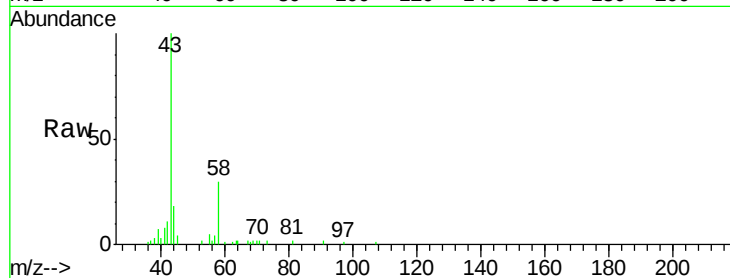
S36-0140

Tot Ion: 43 Resp: 14103

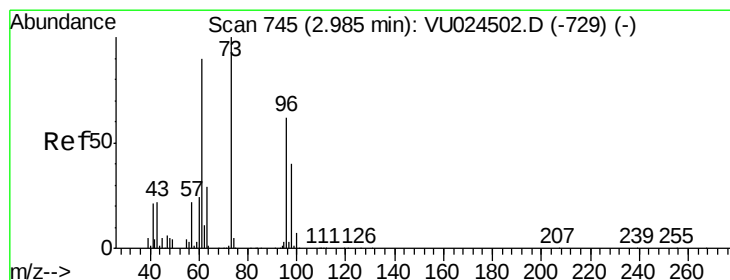
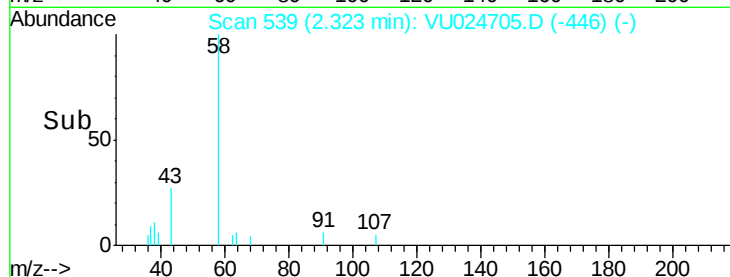
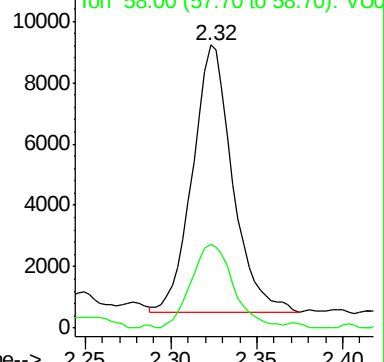
Ion Ratio Lower Upper

43 100

58 30.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024705.D (-446) (-)



#21

trans-1,2-Dichloroethene

Concen: 4.98 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024705.D

Acq: 18 Jun 2018 20:39

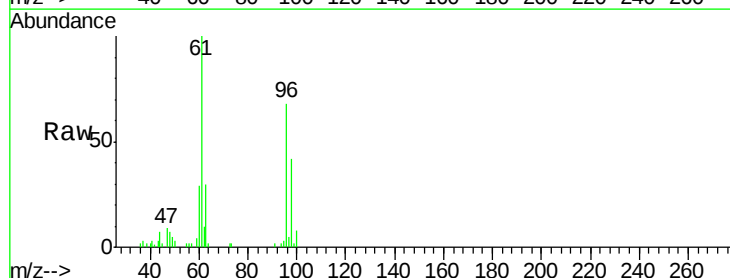
Tgt Ion: 96 Resp: 12040

Ion Ratio Lower Upper

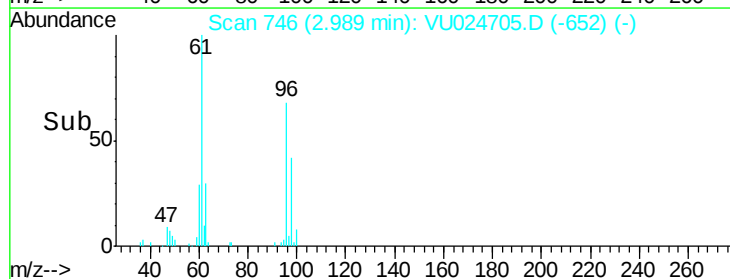
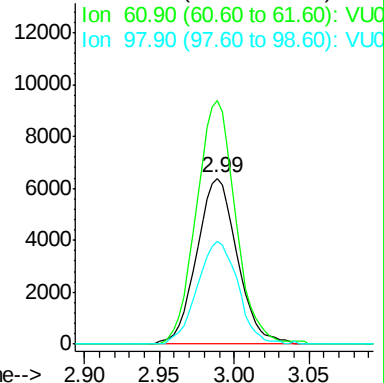
96 100

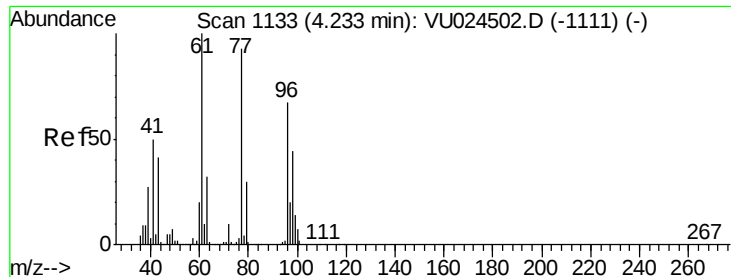
61 146.9 119.4 179.0

98 61.9 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024705.D (-652) (-)





#27

cis-1,2-Dichloroethene

Concen: 11.27 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024705.D

Acq: 18 Jun 2018 20:39

Instrument :

MSVOA_U

ClientSampleId :

S36-0140

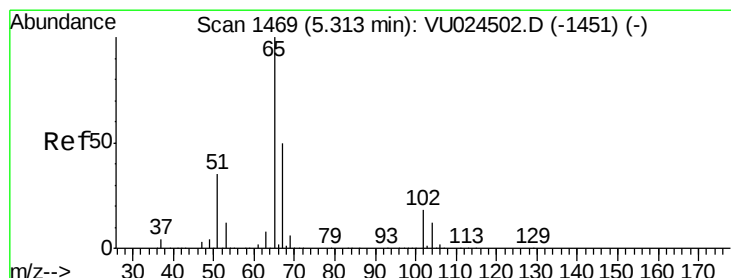
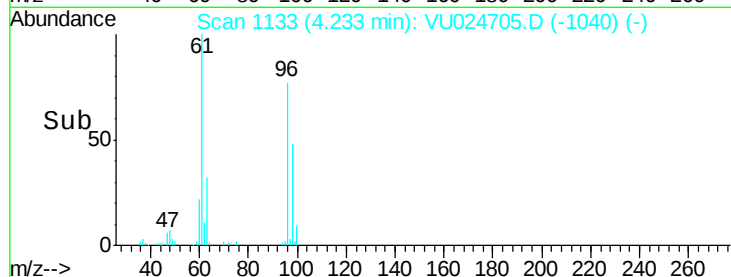
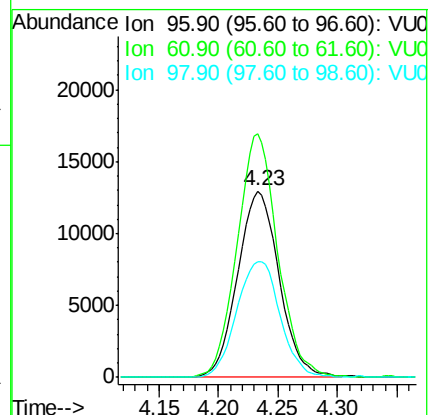
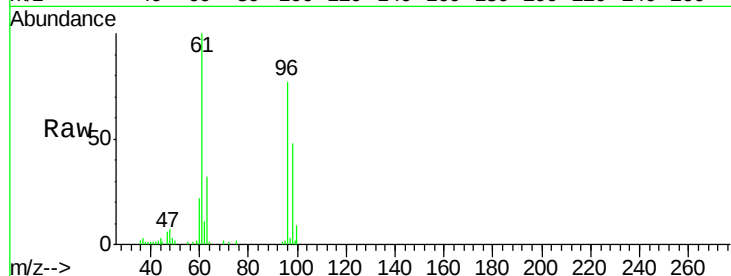
Tot Ion: 96 Resp: 31315

Ion Ratio Lower Upper

96 100

61 128.1 0.0 306.6

98 65.0 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 44.60 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024705.D

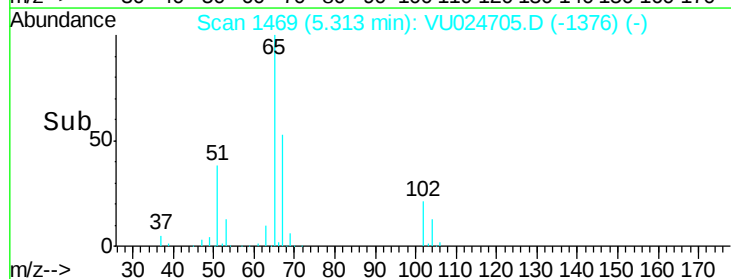
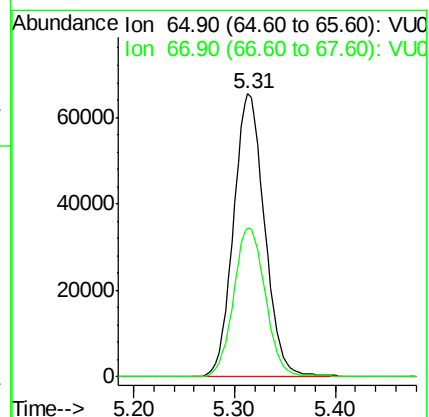
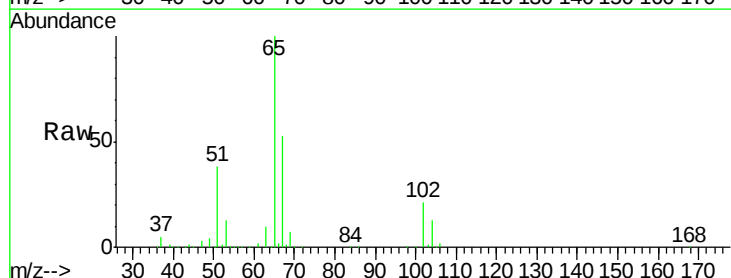
Acq: 18 Jun 2018 20:39

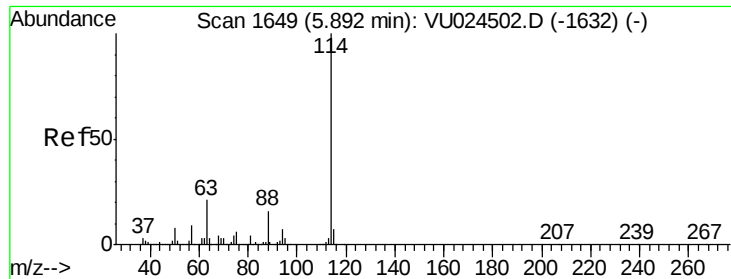
Tgt Ion: 65 Resp: 140371

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.0

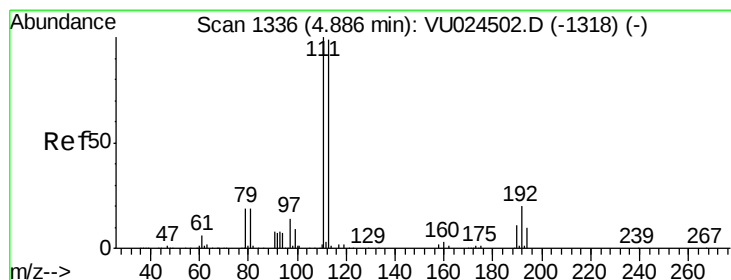
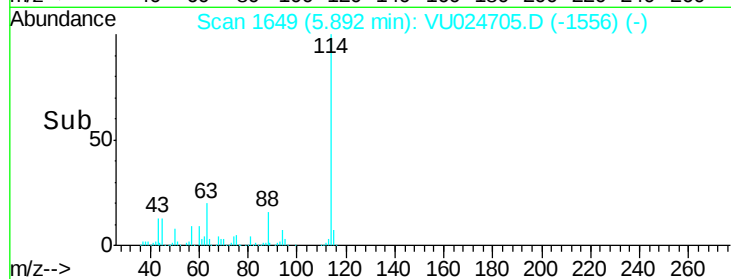
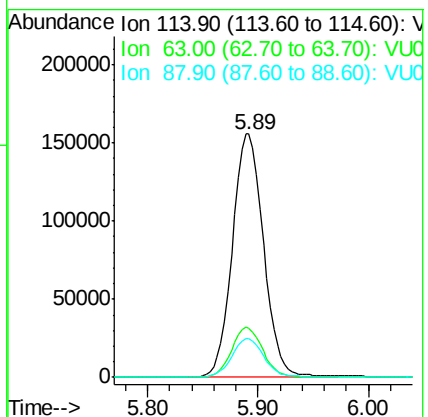
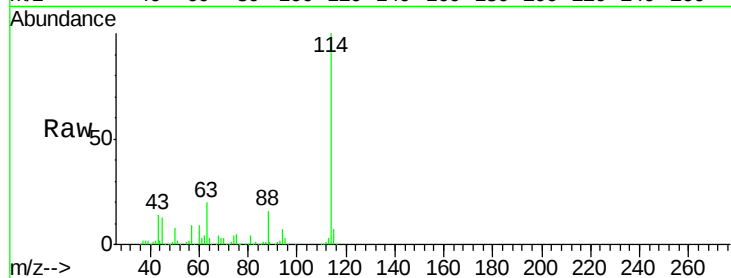




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU024705.D
Acq: 18 Jun 2018 20:39

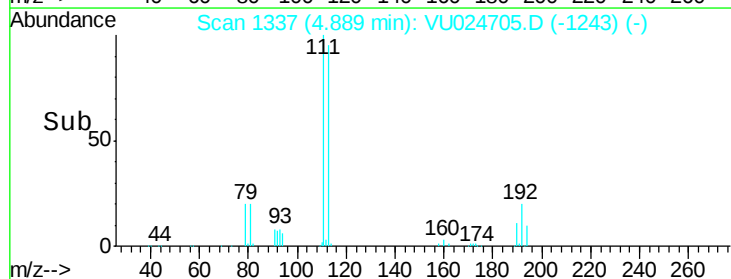
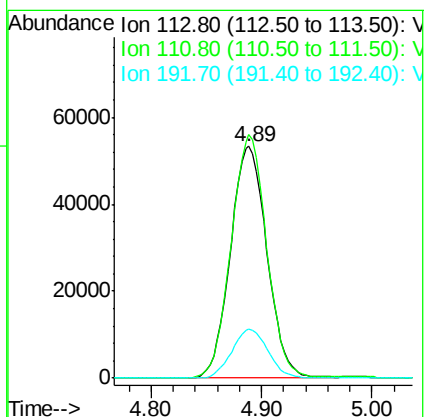
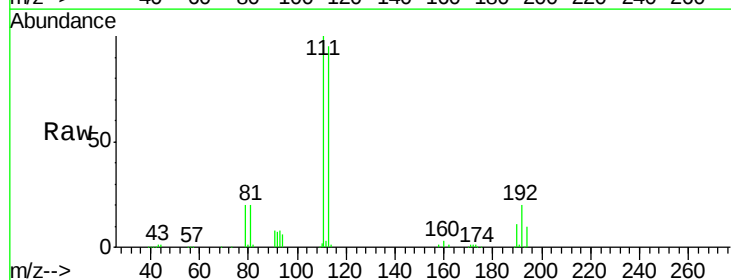
Instrument :
MSVOA_U
ClientSampleId :
S36-0140

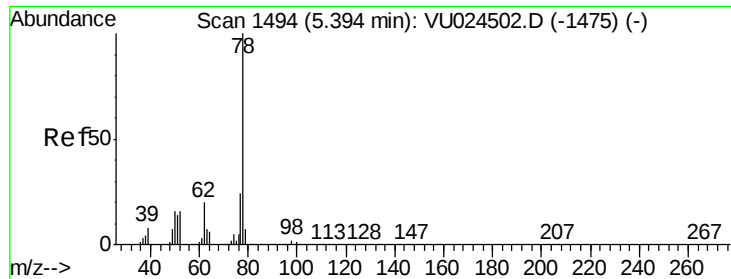
Tot Ion:114	Resp:	305735
Ion Ratio	Lower	Upper
114 100		
63 20.2	0.0	45.4
88 15.8	0.0	31.0



#35
Dibromofluoromethane
Concen: 48.28 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024705.D
Acq: 18 Jun 2018 20:39

Tgt Ion:113	Resp:	122492
Ion Ratio	Lower	Upper
113 100		
111 102.6	82.2	123.4
192 20.8	16.2	24.4





#40

Benzene

Concen: 1.66 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU024705.D

Acq: 18 Jun 2018 20:39

Instrument :

MSVOA_U

ClientSampleId :

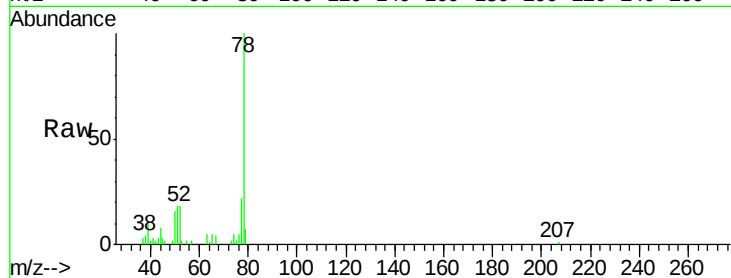
S36-0140

Tot Ion: 78 Resp: 17030

Ion Ratio Lower Upper

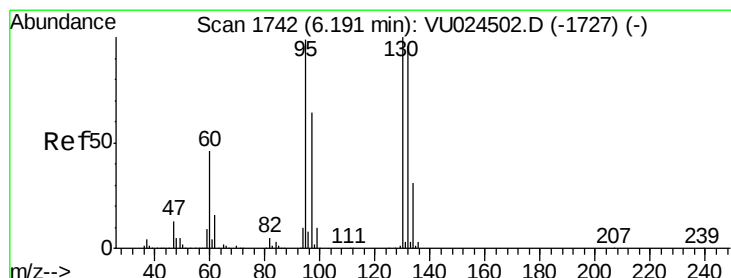
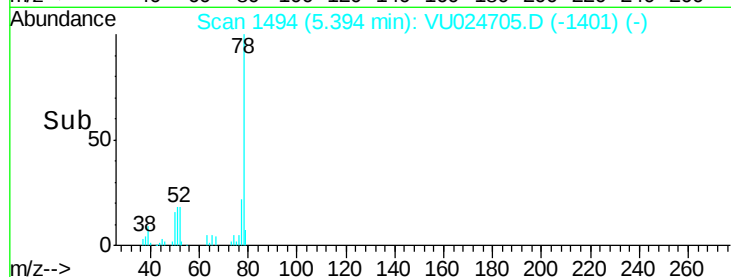
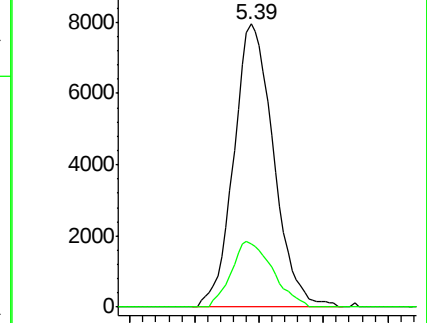
78 100

77 22.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

Trichloroethene

Concen: 0.36 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VU024705.D

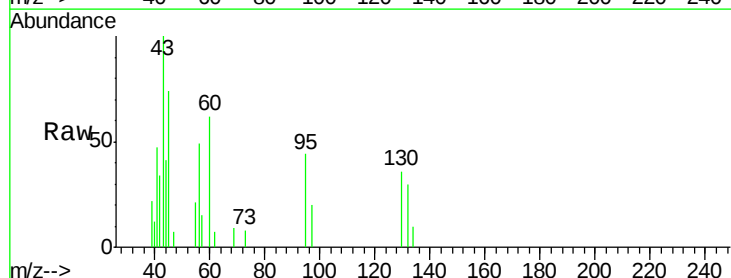
Acq: 18 Jun 2018 20:39

Tgt Ion:130 Resp: 1036

Ion Ratio Lower Upper

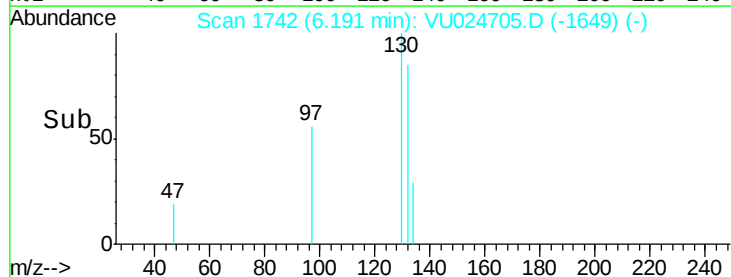
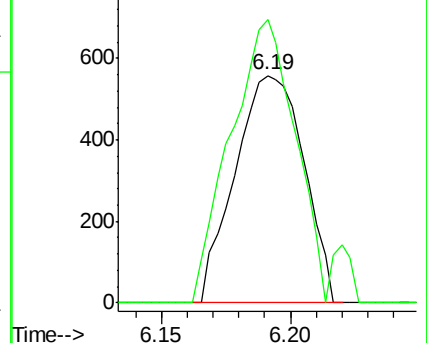
130 100

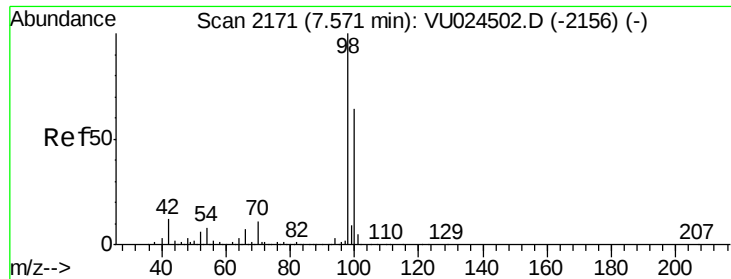
95 124.6 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 47.89 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024705.D

Acq: 18 Jun 2018 20:39

Instrument :

MSVOA_U

ClientSampleId :

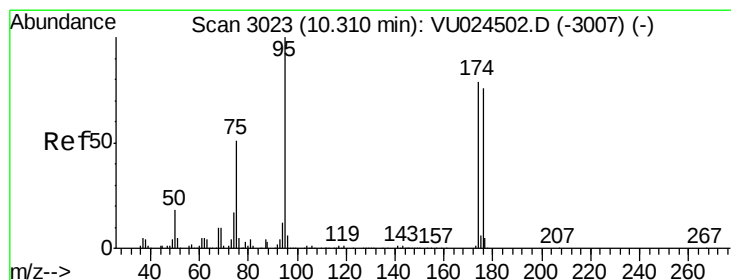
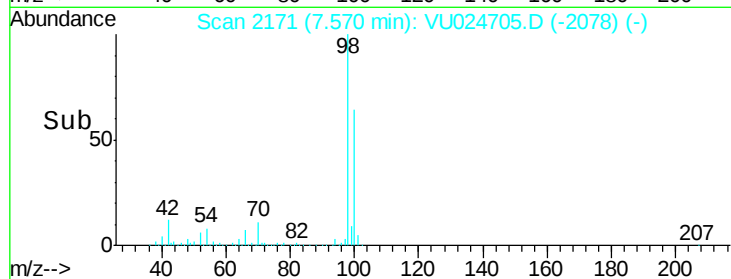
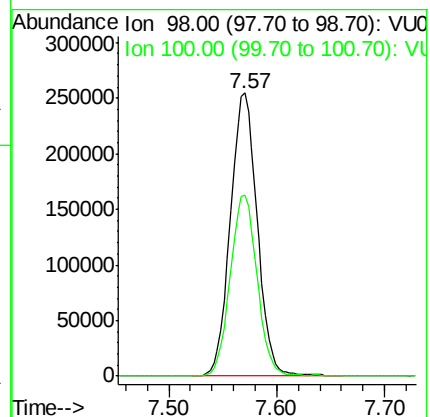
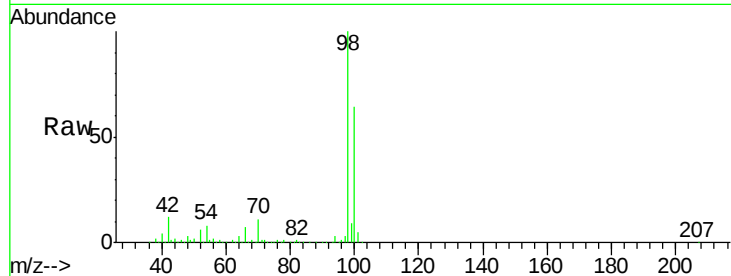
S36-0140

Tot Ion: 98 Resp: 443206

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.79 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024705.D

Acq: 18 Jun 2018 20:39

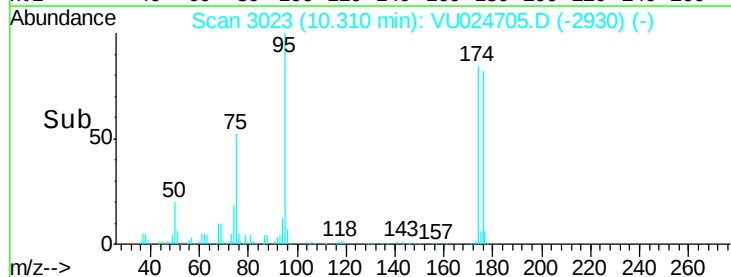
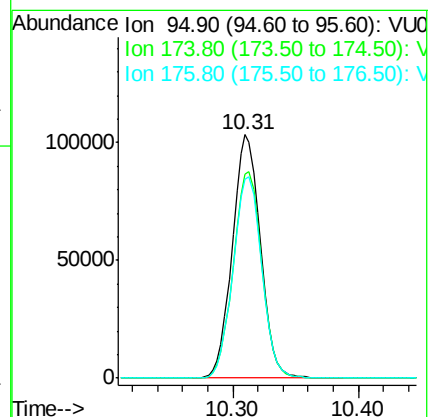
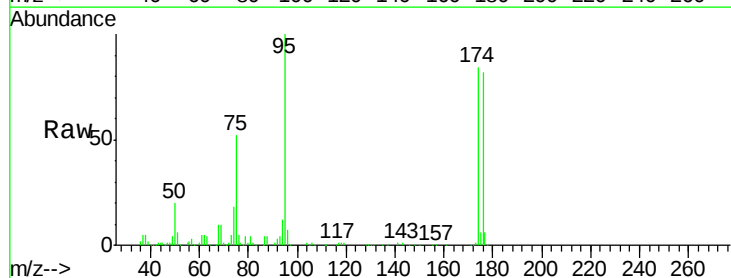
Tgt Ion: 95 Resp: 160924

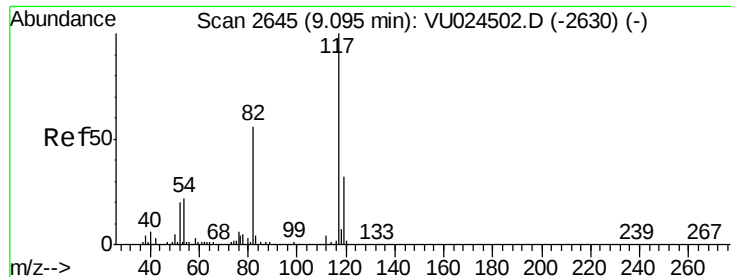
Ion Ratio Lower Upper

95 100

174 86.0 0.0 165.8

176 84.4 0.0 159.4

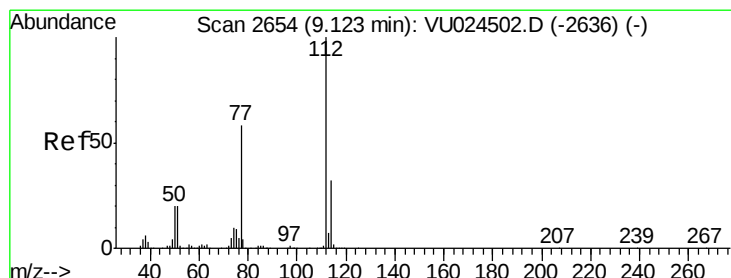
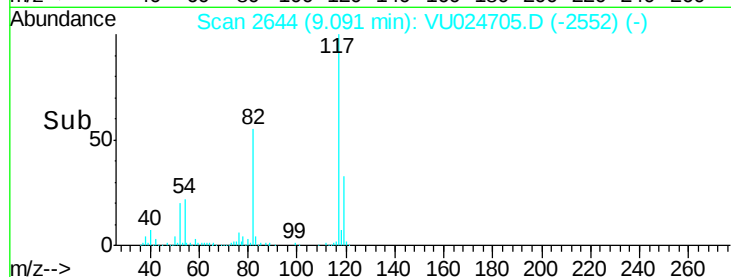
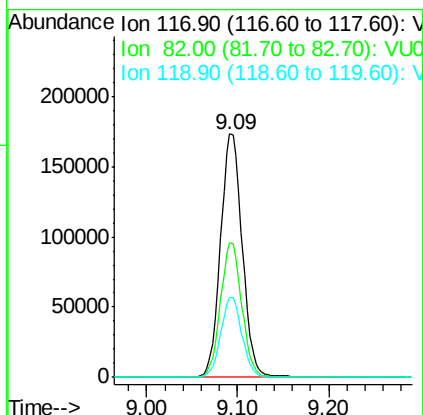
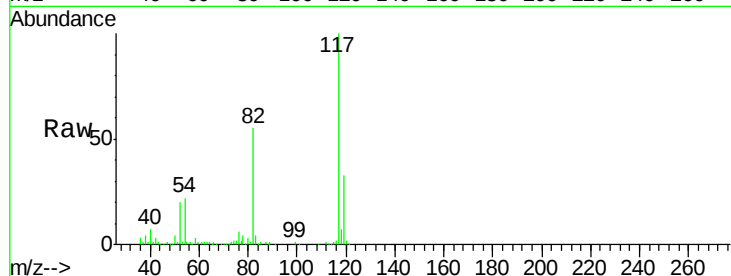




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024705.D
Acq: 18 Jun 2018 20:39

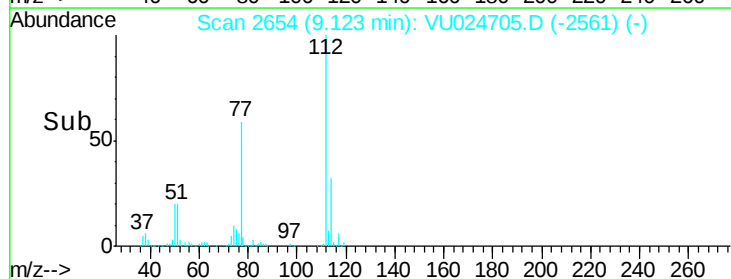
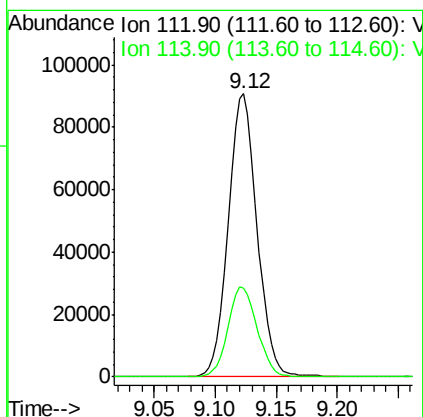
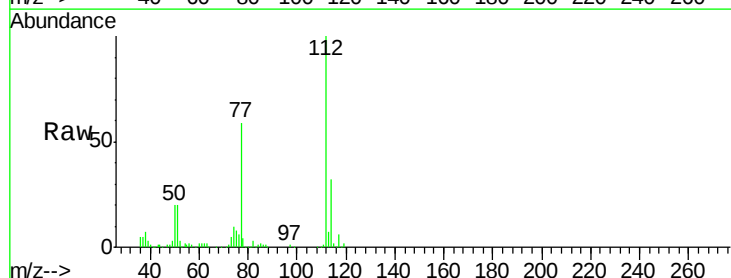
Instrument :
MSVOA_U
ClientSampleId :
S36-0140

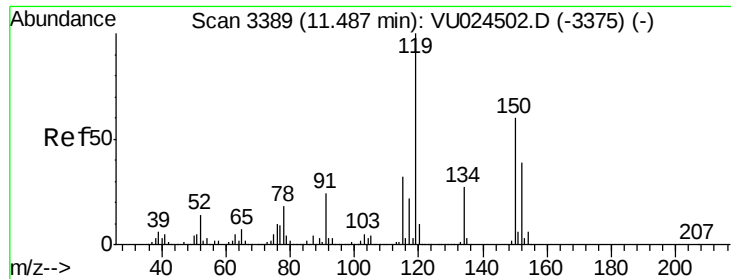
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.3	66.5
119	33.0	25.4	38.2



#65
Chlorobenzene
Concen: 20.36 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024705.D
Acq: 18 Jun 2018 20:39

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024705.D

Acq: 18 Jun 2018 20:39

Instrument :

MSVOA_U

ClientSampleId :

S36-0140

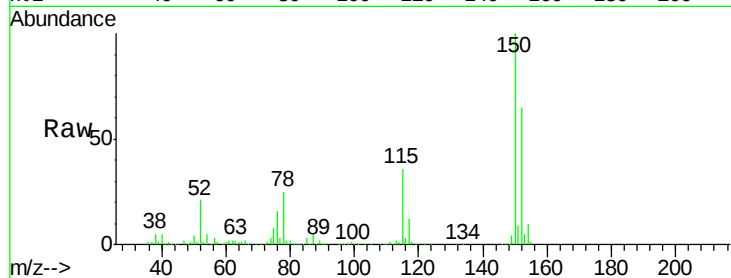
Tot Ion:152 Resp: 154533

Ion Ratio Lower Upper

152 100

115 57.2 43.0 129.0

150 156.0 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

