

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024704.D
 Acq On : 18 Jun 2018 20:15
 Operator : MD/SY
 Sample : J3477-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S36-0141

Quant Time: Jun 19 07:18:59 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	200529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	327216	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	294456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	160005	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	155480	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
35) Dibromofluoromethane	4.89	113	129004	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	7.57	98	453856	45.82	ug/l	0.00
Spiked Amount			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	10.31	95	169990	43.22	ug/l	0.00
Spiked Amount			Recovery	=	86.44%	

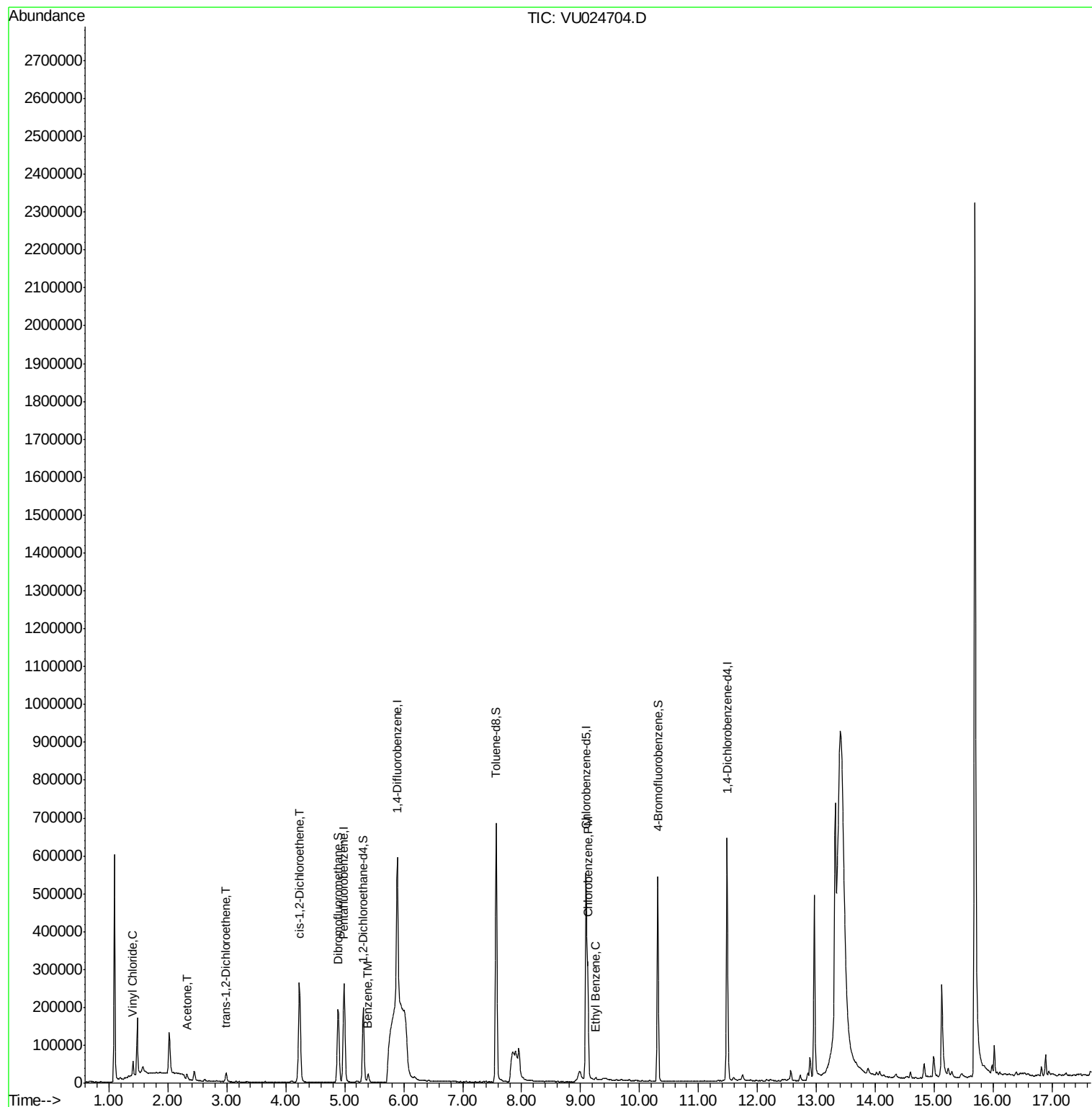
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	23901	9.04	ug/l	# 88
16) Acetone	2.32	43	14055	7.99	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	9381	3.73	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	146668	50.73	ug/l	88
40) Benzene	5.39	78	19622	1.79	ug/l	98
65) Chlorobenzene	9.12	112	152711	20.30	ug/l	100
67) Ethyl Benzene	9.25	91	4113	0.31	ug/l	98

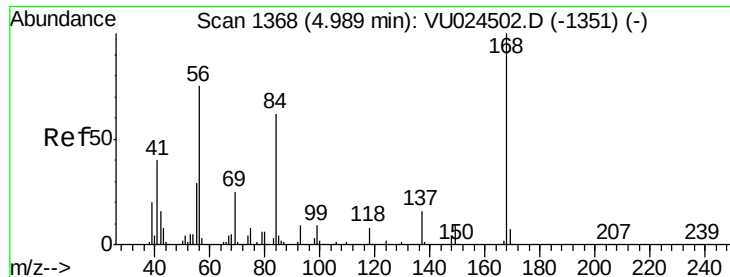
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024704.D

Acq: 18 Jun 2018 20:15

Instrument :

MSVOA_U

ClientSampleId :

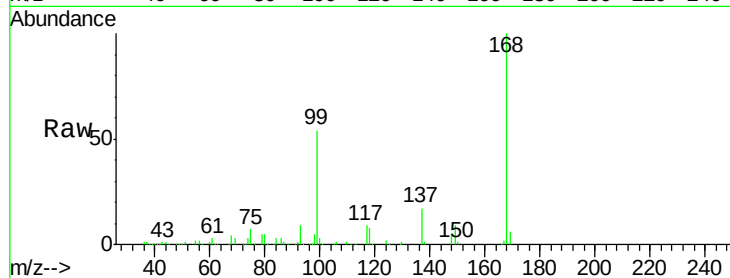
S36-0141

Tot Ion:168 Resp: 200529

Ion Ratio Lower Upper

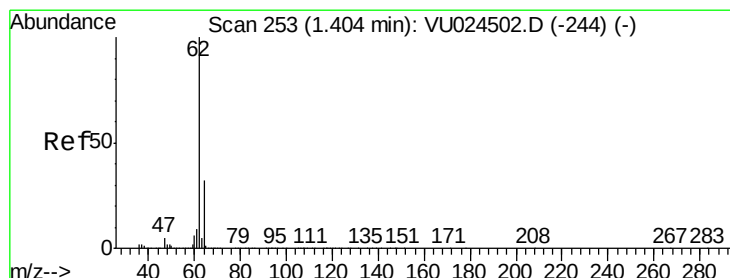
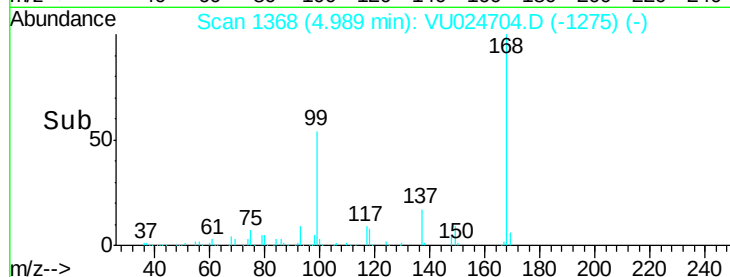
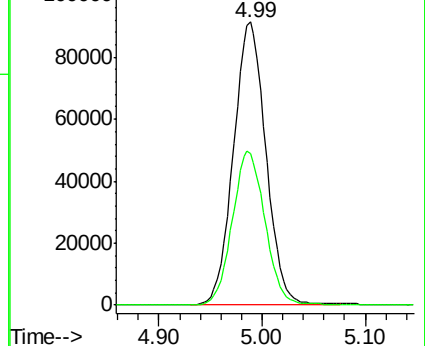
168 100

99 53.7 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: 9.04 ug/l

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU024704.D

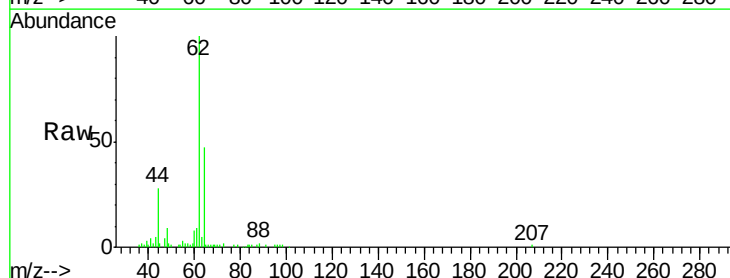
Acq: 18 Jun 2018 20:15

Tgt Ion: 62 Resp: 23901

Ion Ratio Lower Upper

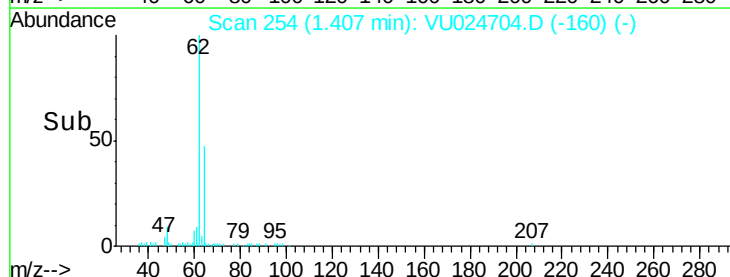
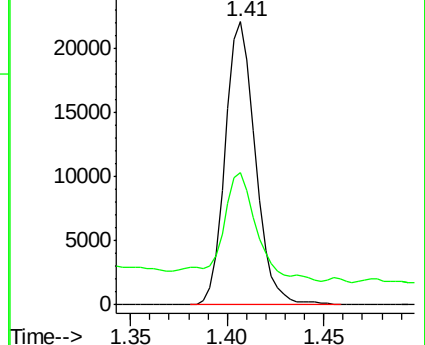
62 100

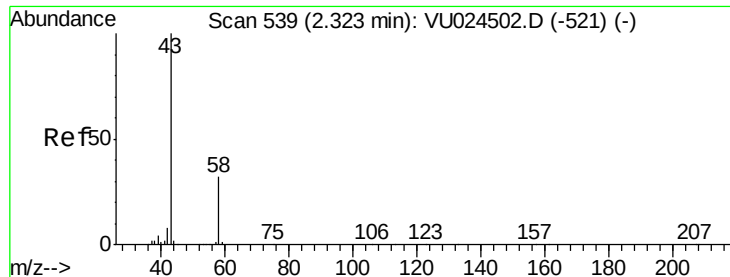
64 37.4 24.8 37.2#



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: 7.99 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024704.D

Acq: 18 Jun 2018 20:15

Instrument :

MSVOA_U

ClientSampleId :

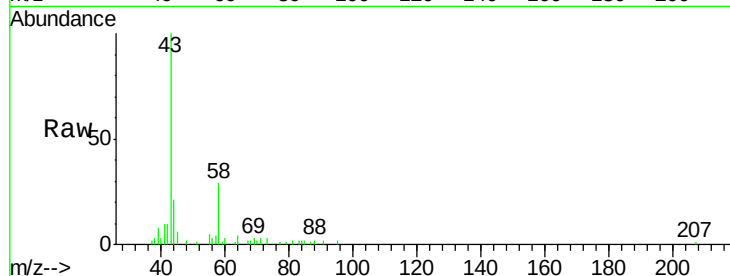
S36-0141

Tot Ion: 43 Resp: 14055

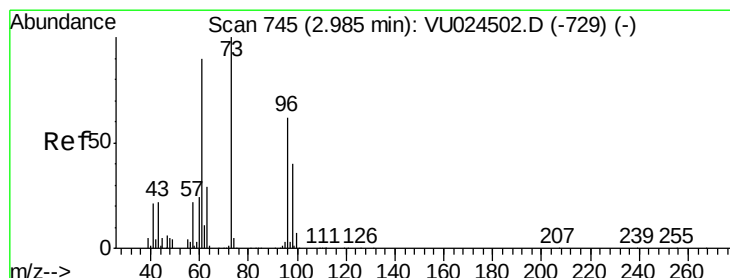
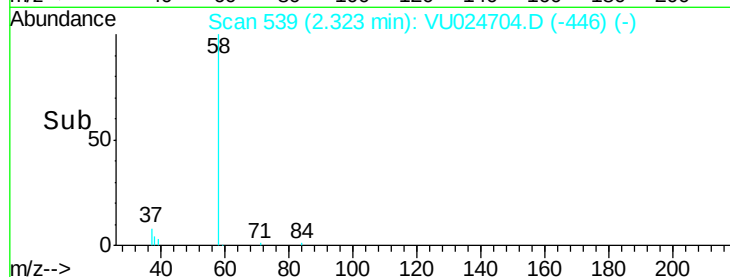
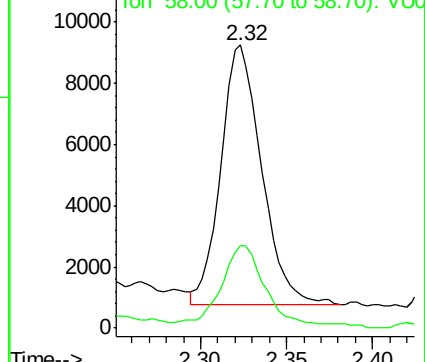
Ion Ratio Lower Upper

43 100

58 30.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024704.D (-521) (-)



#21

trans-1,2-Dichloroethene

Concen: 3.73 ug/l

RT: 2.99 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU024704.D

Acq: 18 Jun 2018 20:15

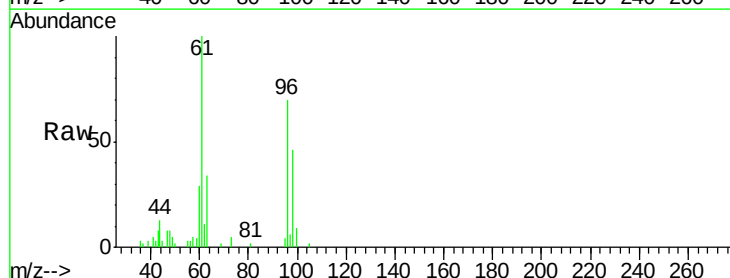
Tgt Ion: 96 Resp: 9381

Ion Ratio Lower Upper

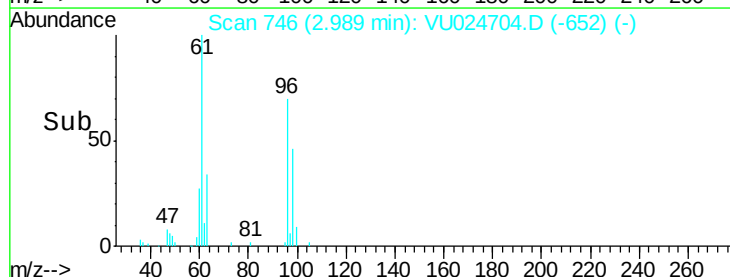
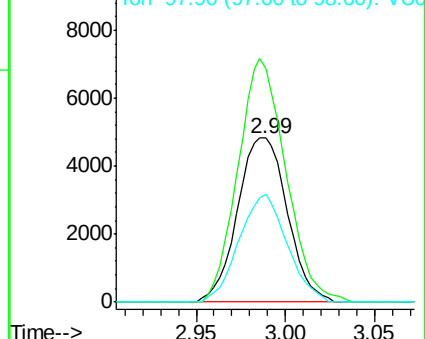
96 100

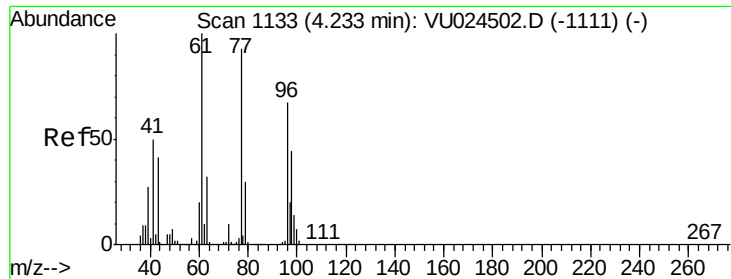
61 142.1 119.4 179.0

98 65.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VU024704.D (-729) (-)





#27

cis-1,2-Dichloroethene

Concen: 50.73 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024704.D

Acq: 18 Jun 2018 20:15

Instrument :

MSVOA_U

ClientSampleId :

S36-0141

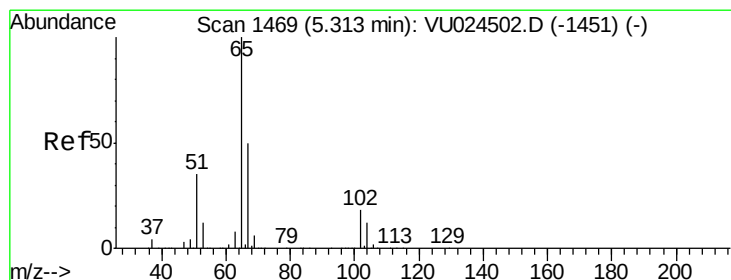
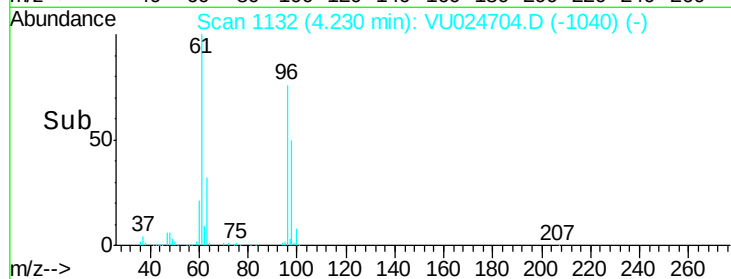
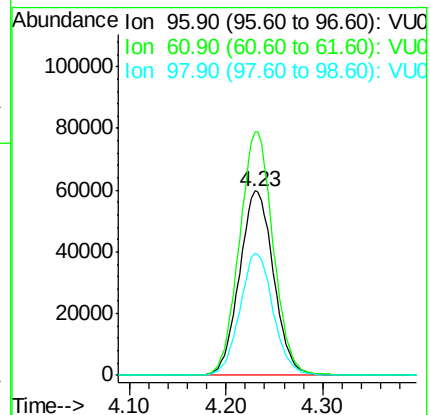
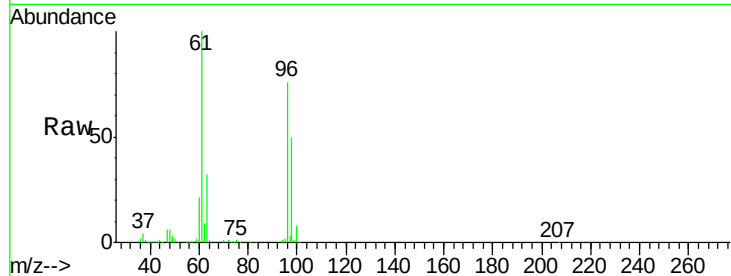
Tot Ion: 96 Resp: 146668

Ion Ratio Lower Upper

96 100

61 130.8 0.0 306.6

98 64.6 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 47.49 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024704.D

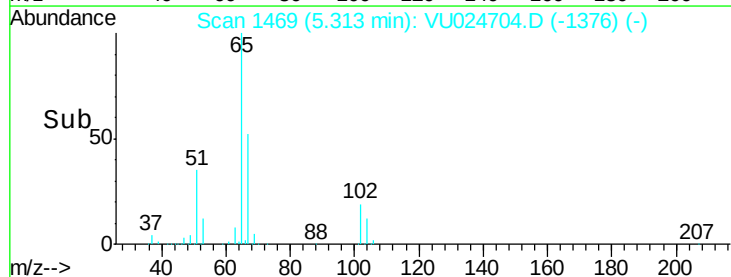
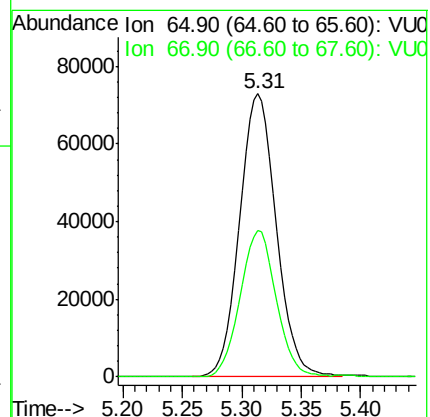
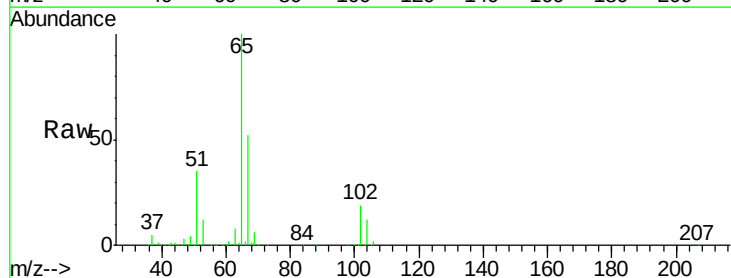
Acq: 18 Jun 2018 20:15

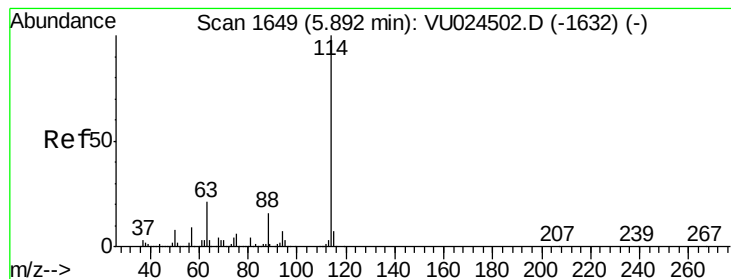
Tgt Ion: 65 Resp: 155480

Ion Ratio Lower Upper

65 100

67 51.0 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: VU024704.D

Acq: 18 Jun 2018 20:15

Instrument :

MSVOA_U

ClientSampleId :

S36-0141

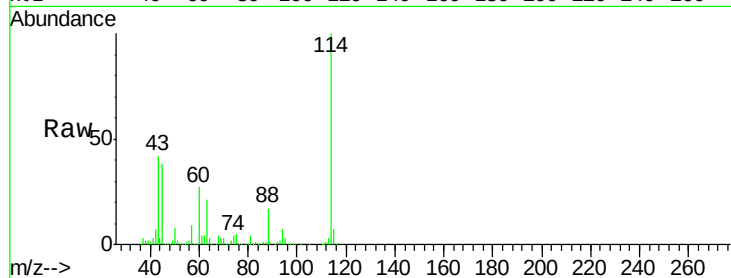
Tot Ion:114 Resp: 327216

Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.4

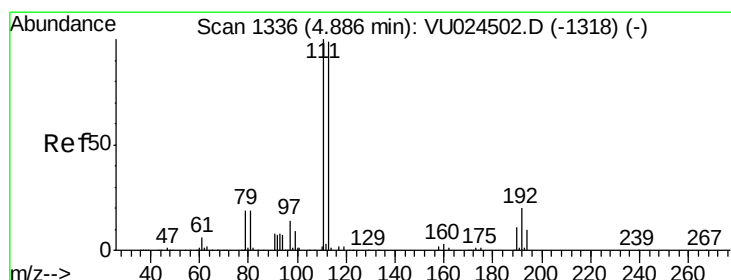
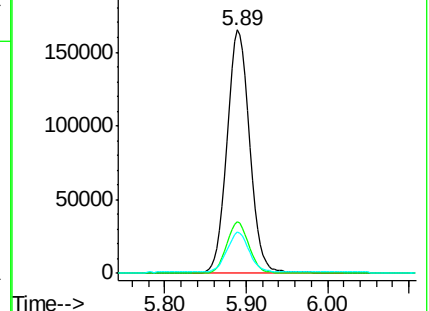
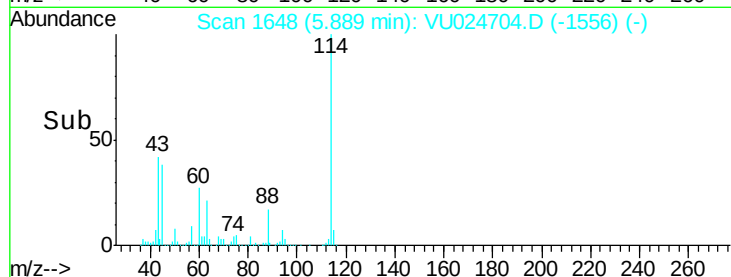
88 16.3 0.0 31.0



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: 47.50 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024704.D

Acq: 18 Jun 2018 20:15

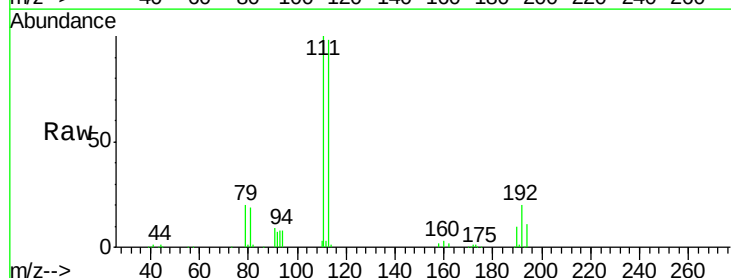
Tgt Ion:113 Resp: 129004

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

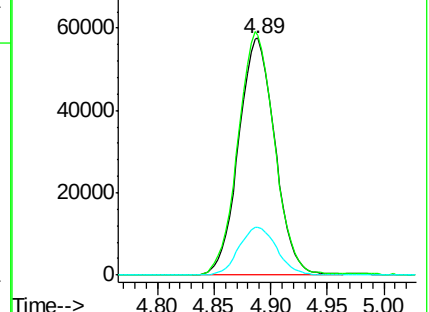
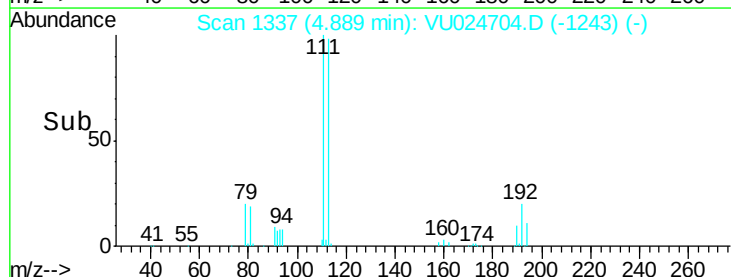
192 20.9 16.2 24.4

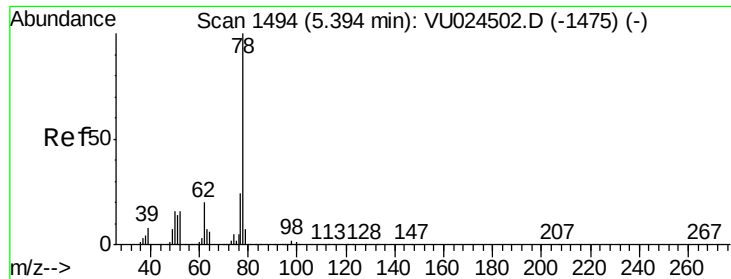


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.79 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU024704.D

Acq: 18 Jun 2018 20:15

Instrument :

MSVOA_U

ClientSampleId :

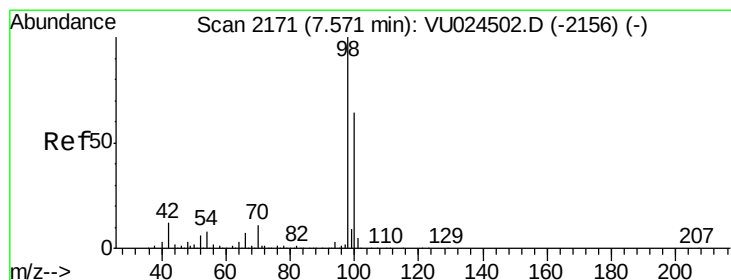
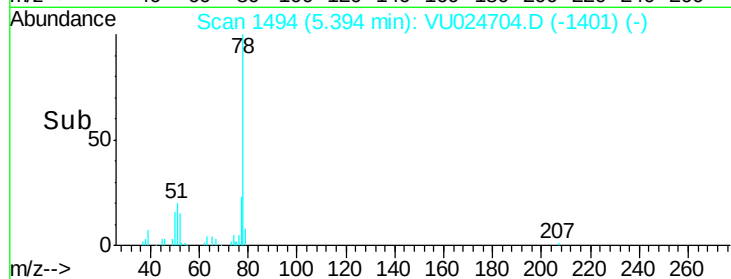
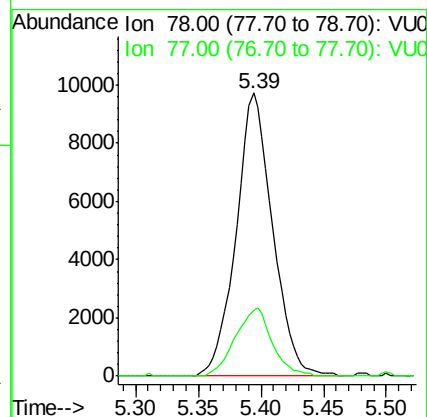
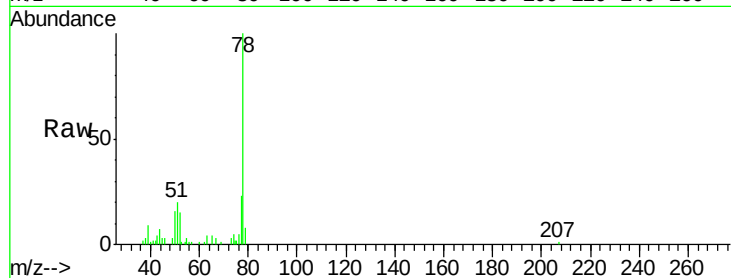
S36-0141

Tot Ion: 78 Resp: 19622

Ion Ratio Lower Upper

78 100

77 23.2 19.2 28.8



#50

Toluene-d8

Concen: 45.82 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024704.D

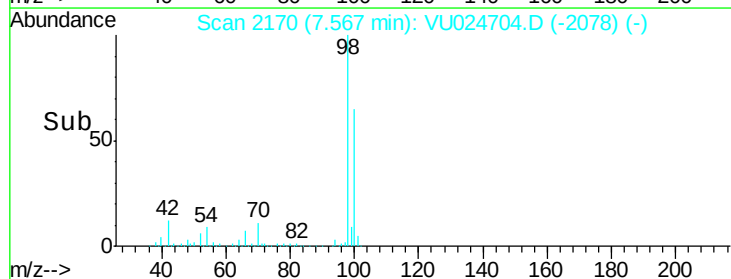
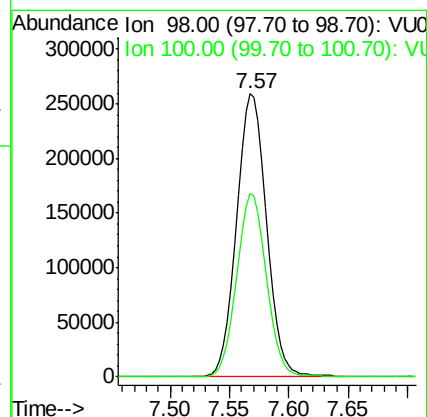
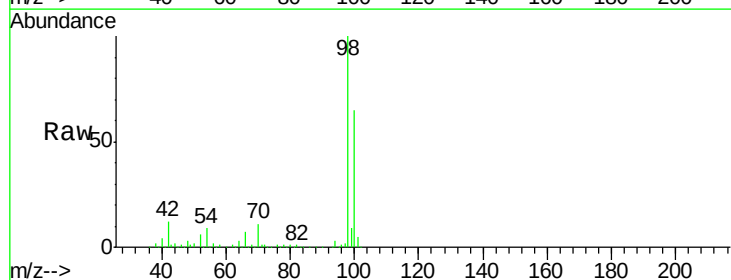
Acq: 18 Jun 2018 20:15

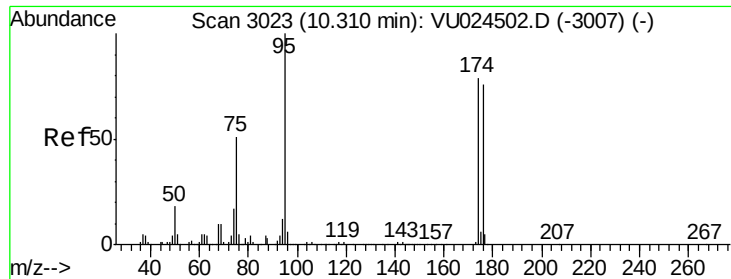
Tgt Ion: 98 Resp: 453856

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7

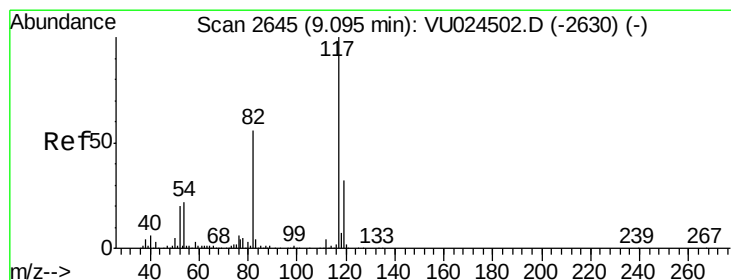
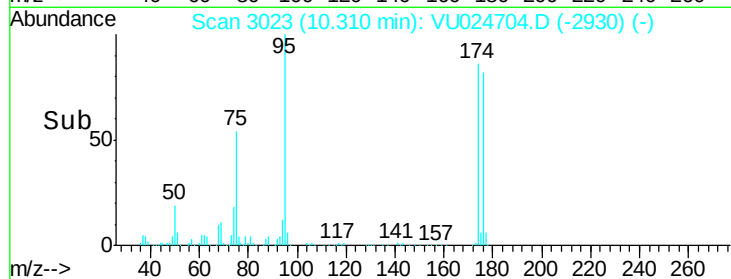
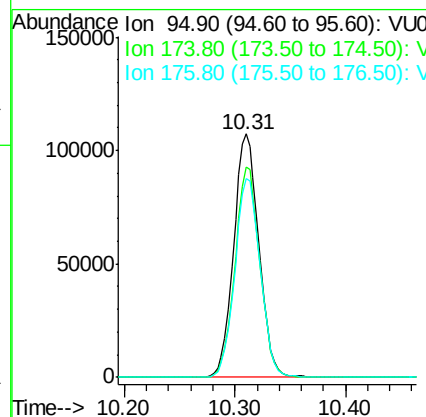
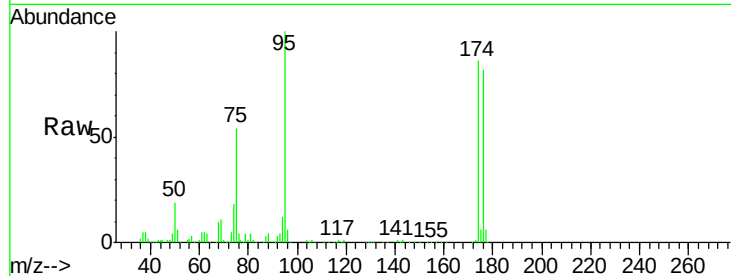




#62
4-Bromofluorobenzene
Concen: 43.22 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024704.D
Acq: 18 Jun 2018 20:15

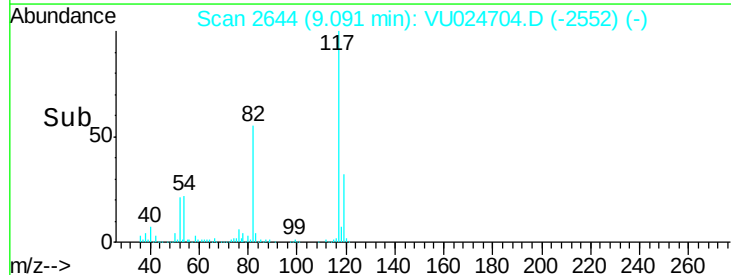
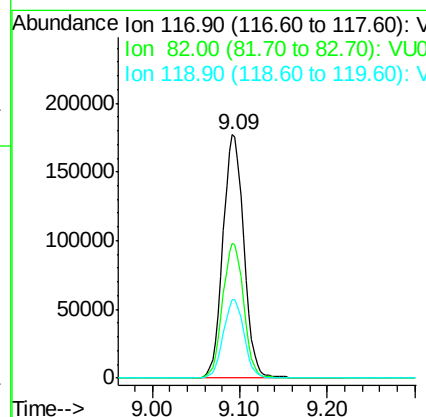
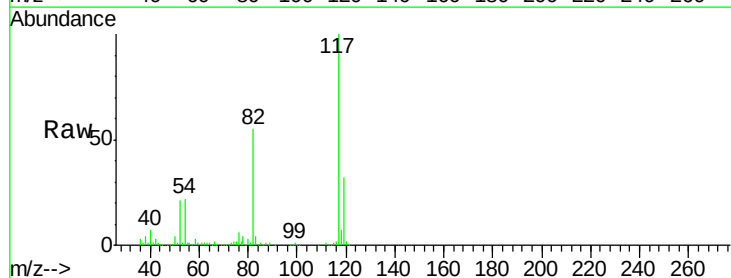
Instrument :
MSVOA_U
ClientSampled :
S36-0141

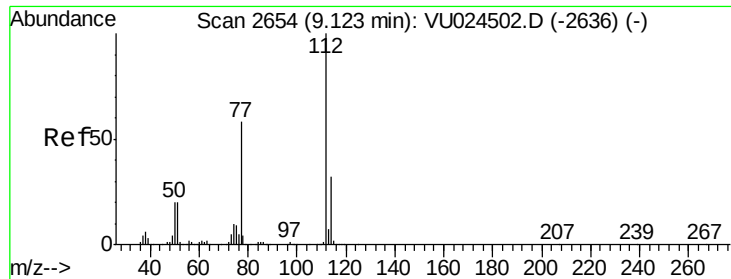
Tot Ion: 95 Resp: 169990
Ion Ratio Lower Upper
95 100
174 85.1 0.0 165.8
176 82.2 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024704.D
Acq: 18 Jun 2018 20:15

Tgt Ion: 117 Resp: 294456
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.1 25.4 38.2

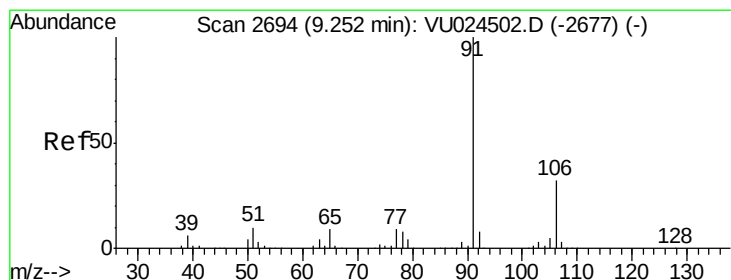
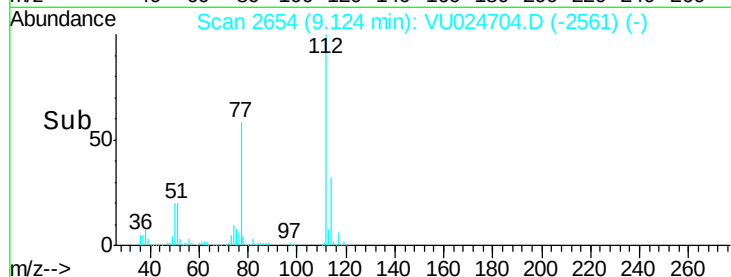
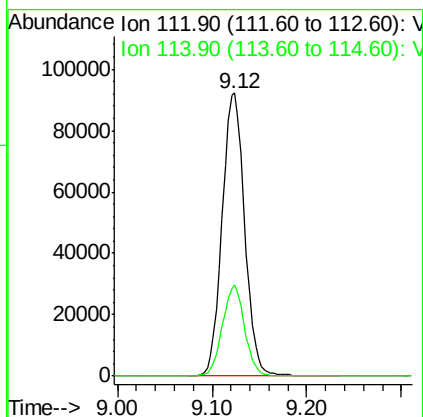
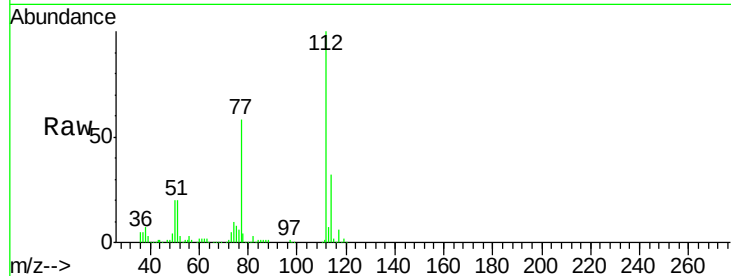




#65
Chlorobenzene
Concen: 20.30 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024704.D
Acq: 18 Jun 2018 20:15

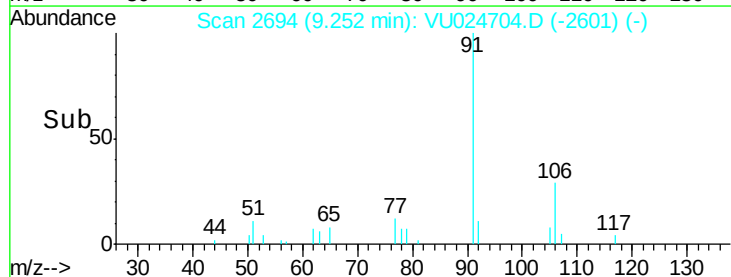
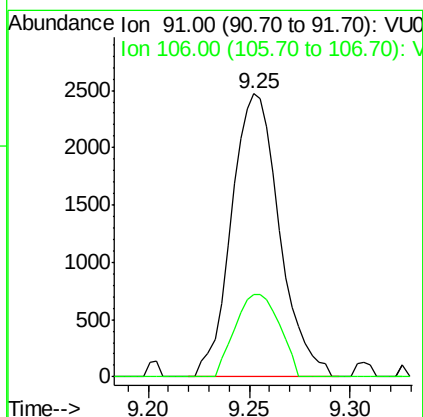
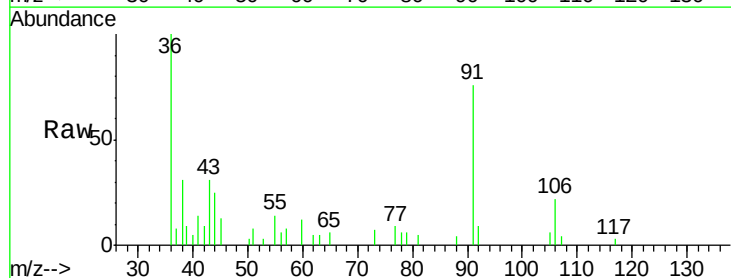
Instrument :
MSVOA_U
ClientSampleId :
S36-0141

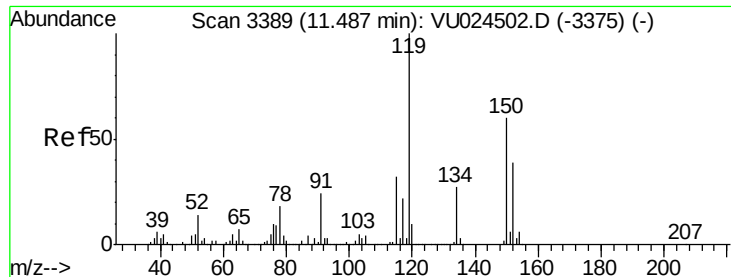
Tot Ion:112 Resp: 152711
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#67
Ethyl Benzene
Concen: 0.31 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU024704.D
Acq: 18 Jun 2018 20:15

Tgt Ion: 91 Resp: 4113
Ion Ratio Lower Upper
91 100
106 29.0 24.2 36.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024704.D

Acq: 18 Jun 2018 20:15

Instrument :

MSVOA_U

ClientSampleId :

S36-0141

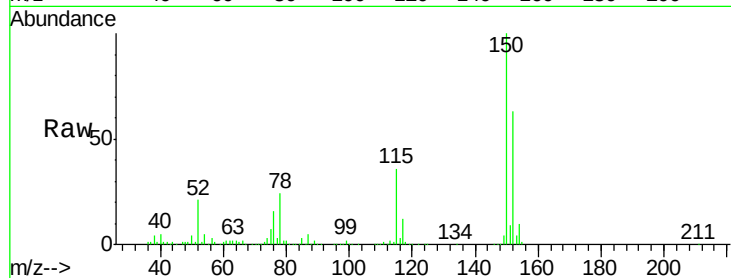
Tot Ion:152 Resp: 160005

Ion Ratio Lower Upper

152 100

115 57.9 43.0 129.0

150 159.2 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

