

Data File : VU025047.D
Acq On : 29 Jun 2018 02:47
Operator : MD/SY
Sample : J3671-21ME
Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DUP-0481-180621ME

Quant Time: Jul 05 03:30:57 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	4.98	168	229004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	350812	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	339597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	193709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	172725	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
35) Dibromofluoromethane	4.89	113	132729	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
50) Toluene-d8	7.57	98	508587	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	10.32	95	208801	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

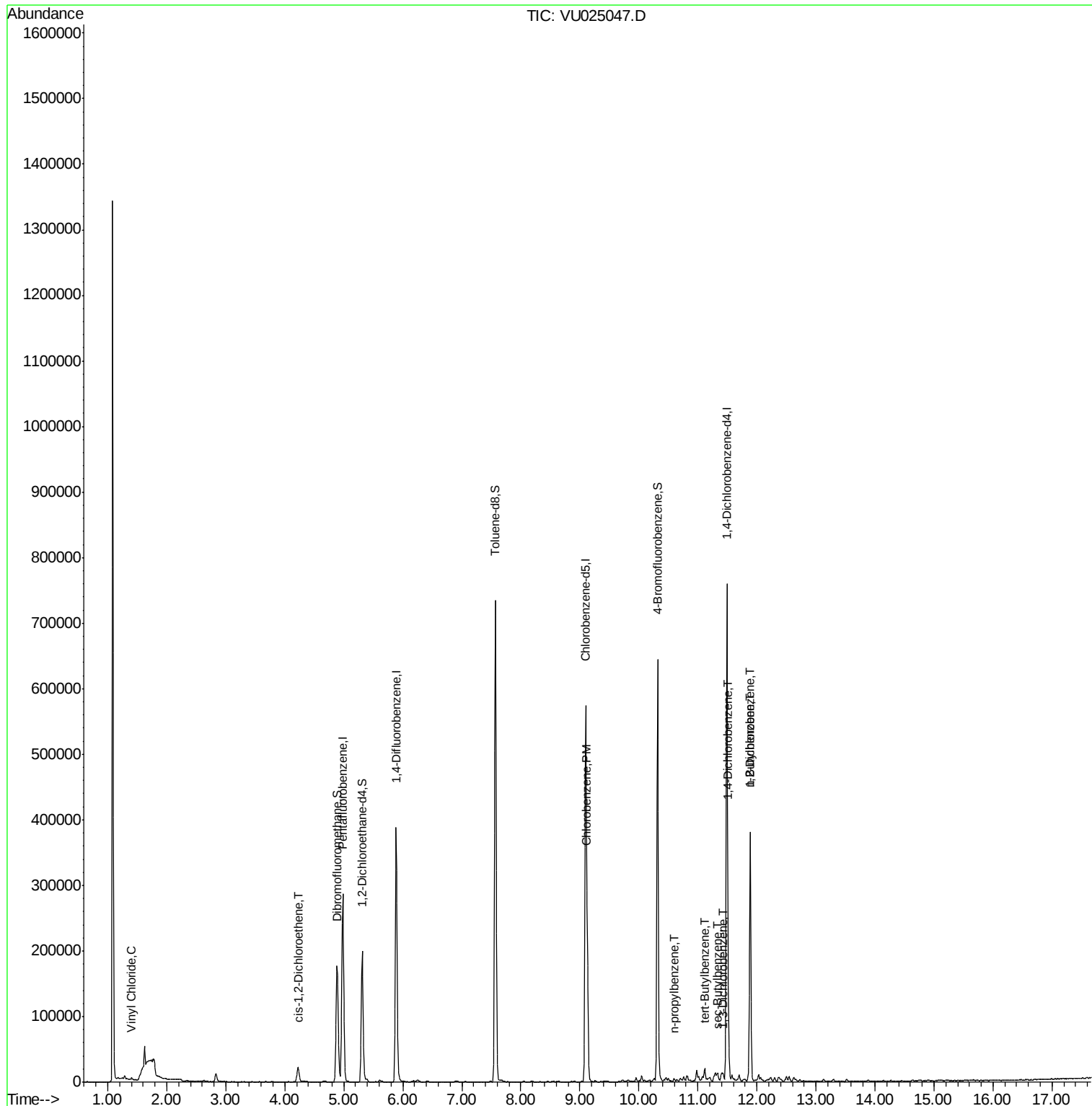
						Qvalue
4) Vinyl Chloride	1.40	62	2594	0.859	ug/l	93
27) cis-1,2-Dichloroethene	4.22	96	13360	4.046	ug/l	91
65) Chlorobenzene	9.13	112	117800	13.579	ug/l	100
78) n-propylbenzene	10.60	91	4070	0.232	ug/l	94
83) tert-Butylbenzene	11.11	119	2548	0.205	ug/l	77
85) sec-Butylbenzene	11.33	105	6101	0.393	ug/l	97
87) 1,3-Dichlorobenzene	11.43	146	4097	0.589	ug/l	92
88) 1,4-Dichlorobenzene	11.51	146	28387	4.055	ug/l	90
89) n-Butylbenzene	11.90	91	4915	0.398	ug/l	93
91) 1,2-Dichlorobenzene	11.89	146	149823	21.504	ug/l	99

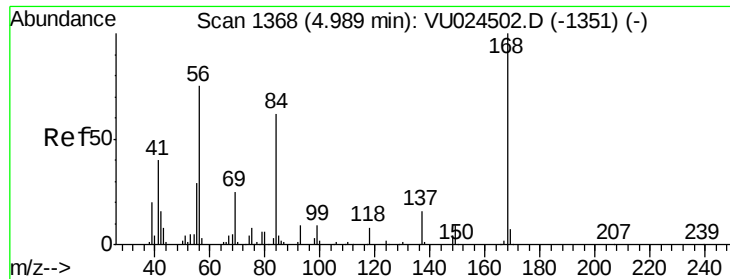
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

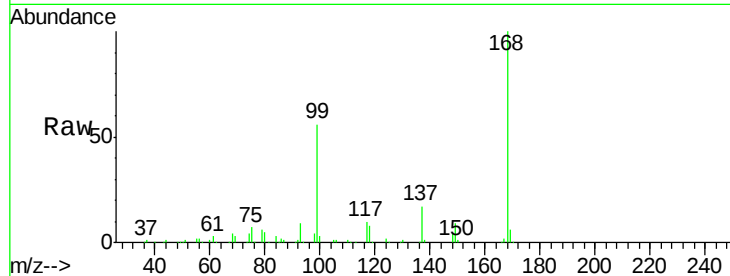
DUP-0481-180621ME

Tgt Ion:168 Resp: 229004

Ion Ratio Lower Upper

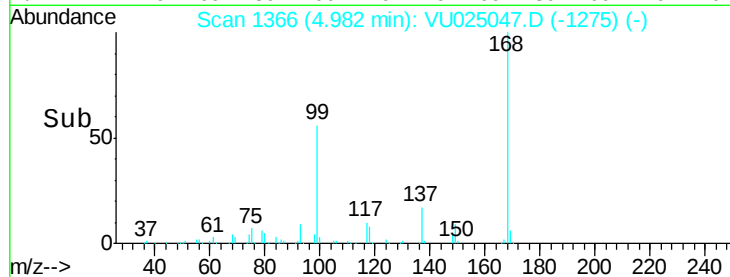
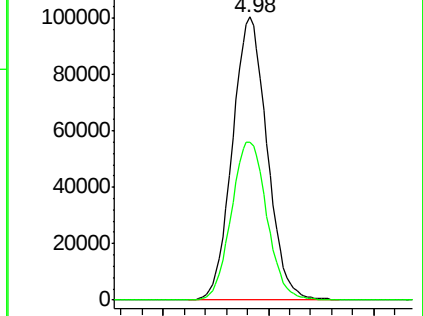
168 100

99 55.9 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: 0.859 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025047.D

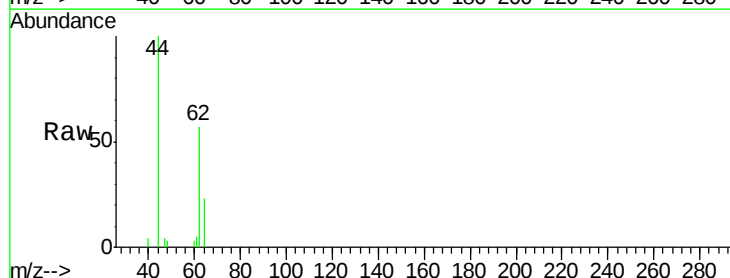
Acq: 29 Jun 2018 02:47

Tgt Ion: 62 Resp: 2594

Ion Ratio Lower Upper

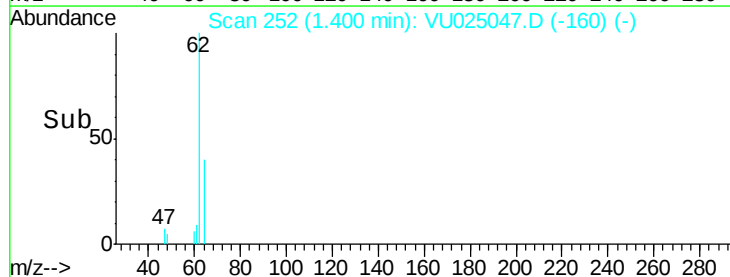
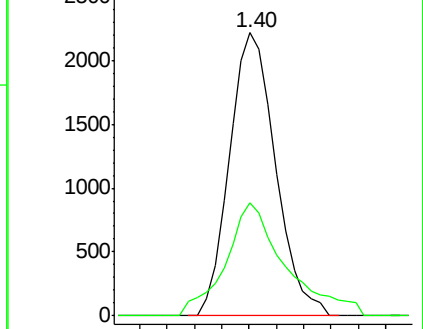
62 100

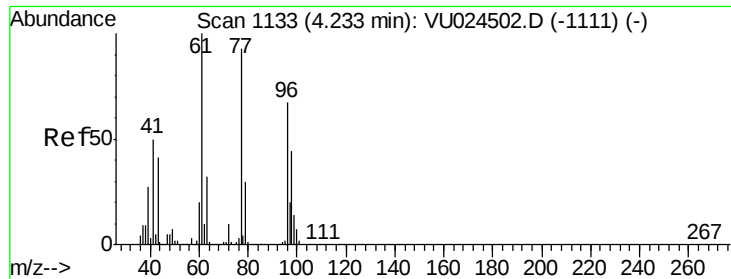
64 34.9 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 4.046 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

DUP-0481-180621ME

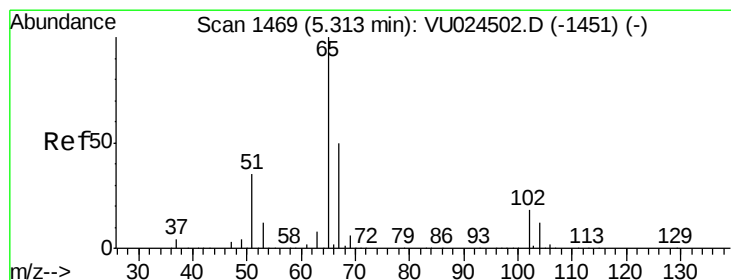
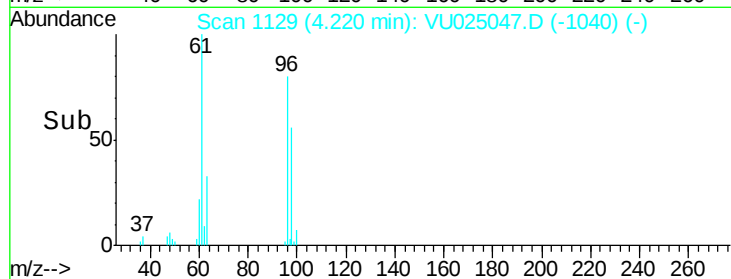
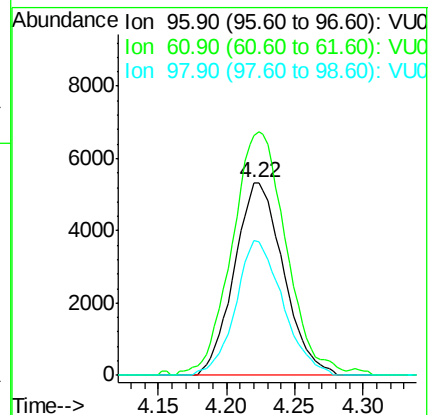
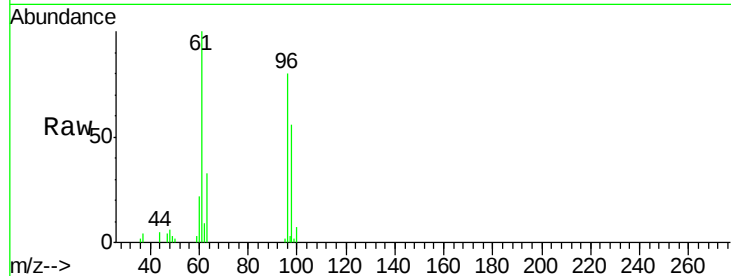
Tgt Ion: 96 Resp: 13360

Ion Ratio Lower Upper

96 100

61 138.6 0.0 306.6

98 67.1 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.201 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025047.D

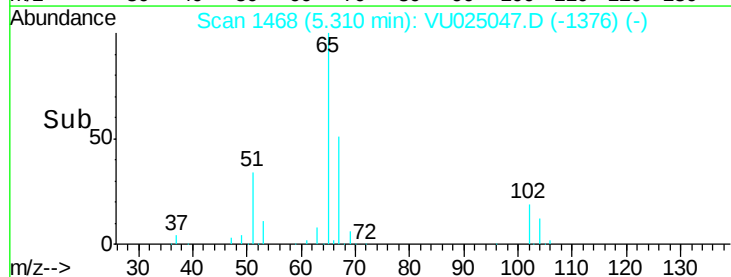
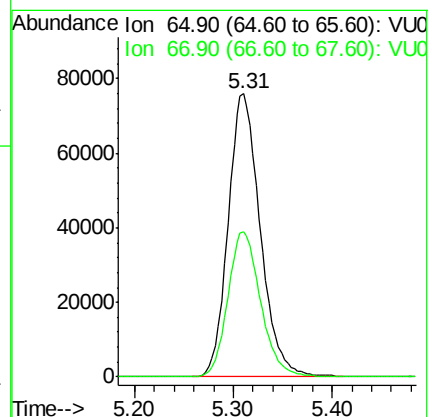
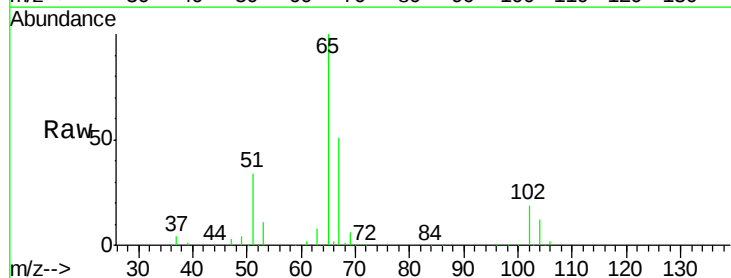
Acq: 29 Jun 2018 02:47

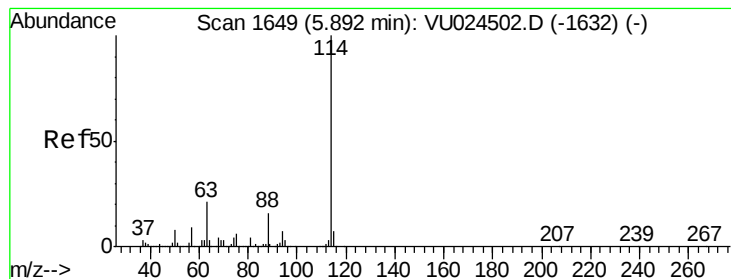
Tgt Ion: 65 Resp: 172725

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

DUP-0481-180621ME

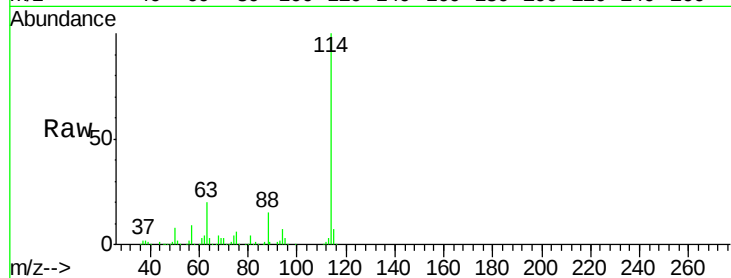
Tgt Ion:114 Resp: 350812

Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.4

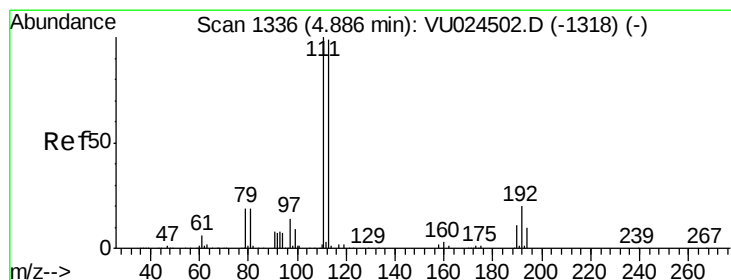
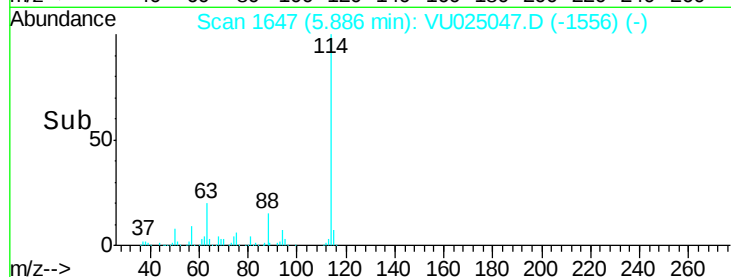
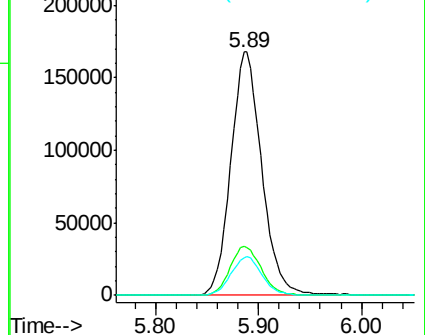
88 15.5 0.0 31.0



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: 45.588 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

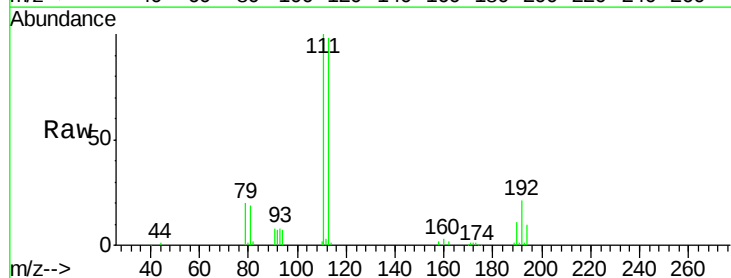
Tgt Ion:113 Resp: 132729

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

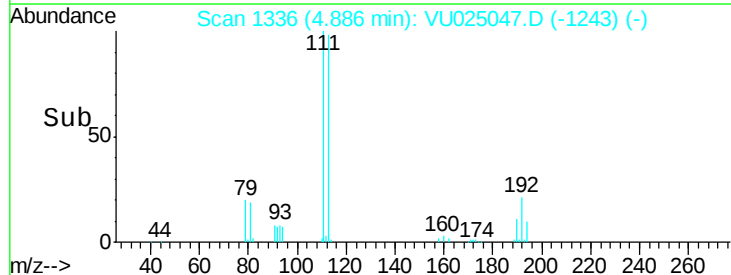
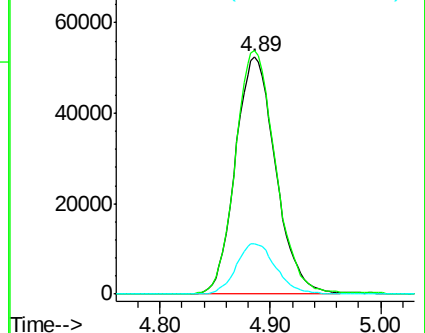
192 21.0 16.2 24.4

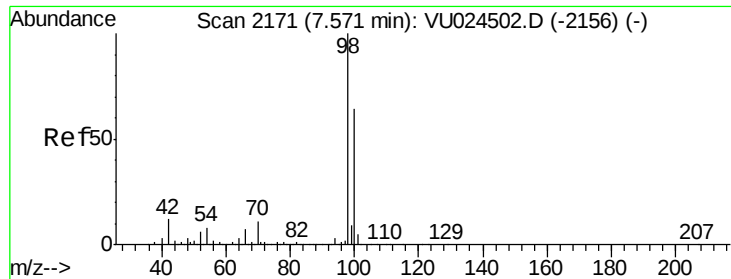


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.890 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

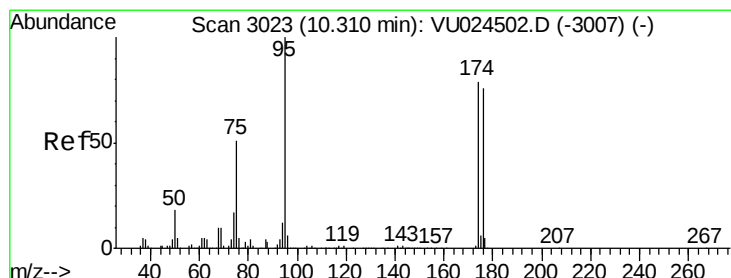
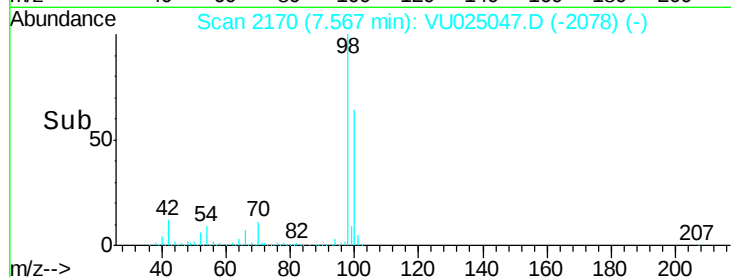
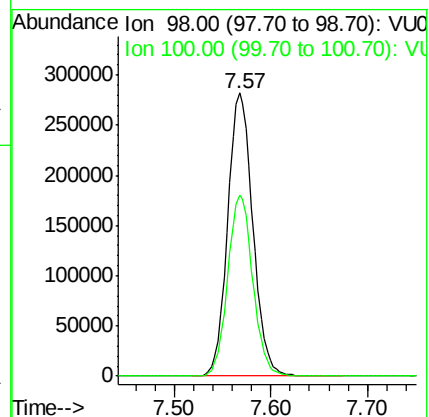
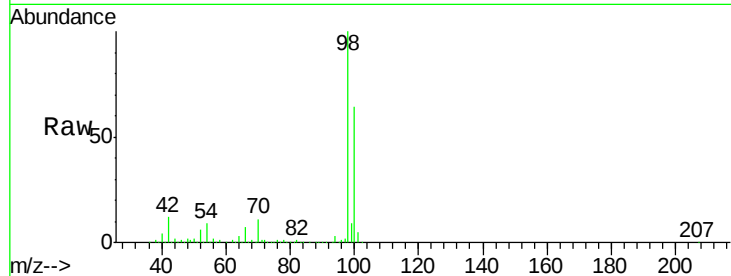
DUP-0481-180621ME

Tgt Ion: 98 Resp: 508587

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.520 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

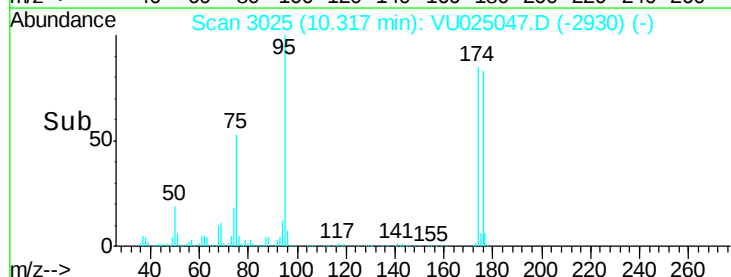
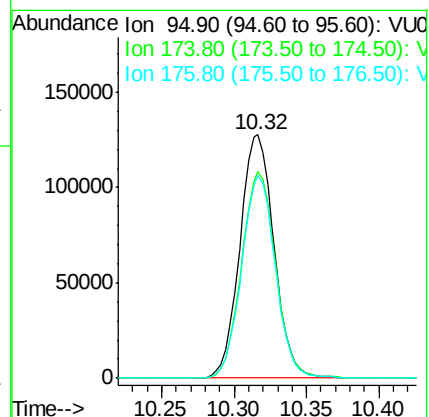
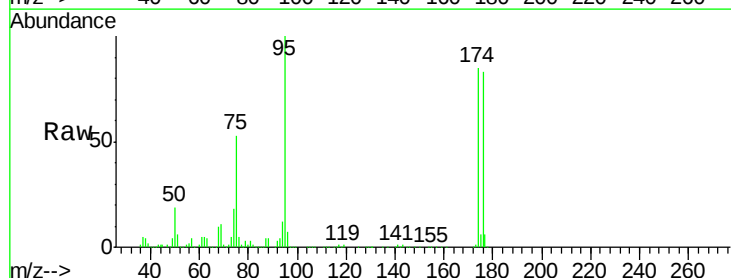
Tgt Ion: 95 Resp: 208801

Ion Ratio Lower Upper

95 100

174 84.8 0.0 165.8

176 82.4 0.0 159.4

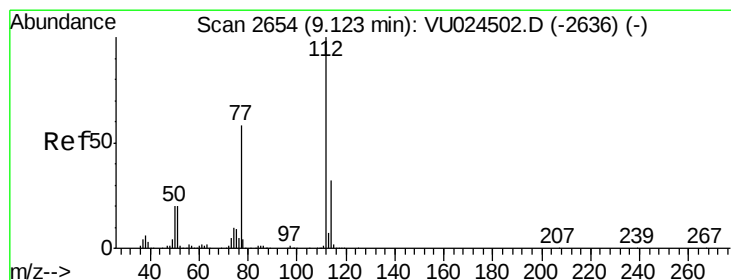
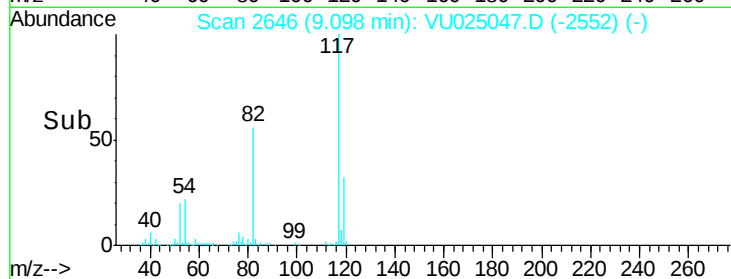
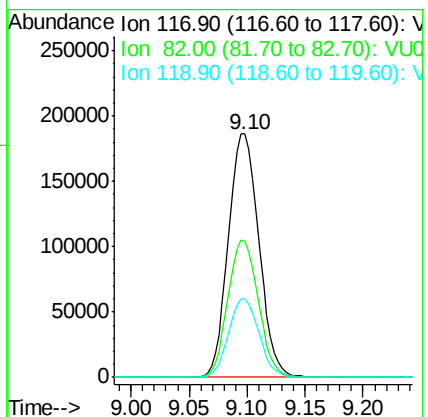
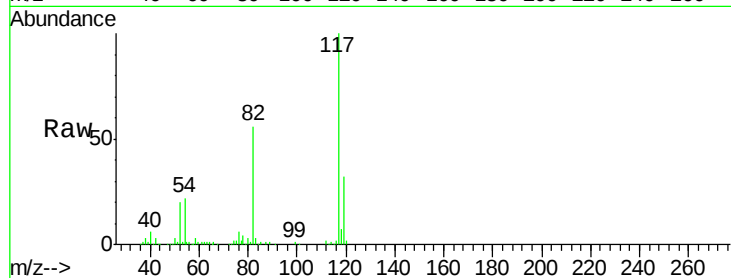




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

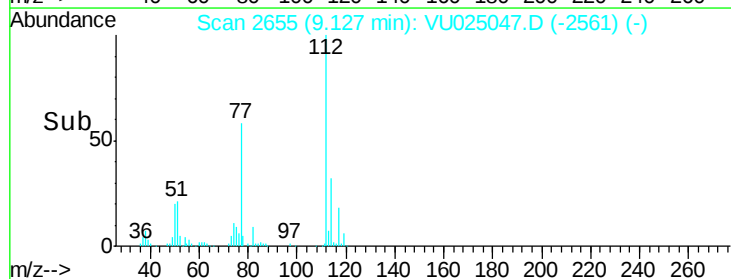
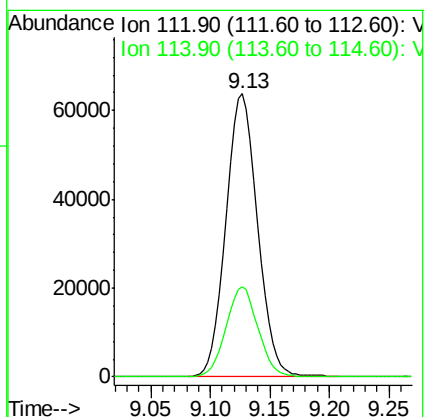
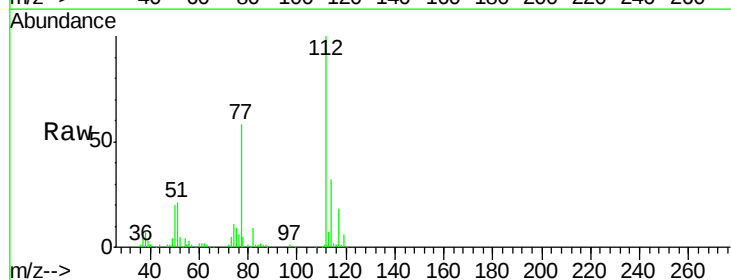
Instrument :
MSVOA_U
ClientSampleId :
DUP-0481-180621ME

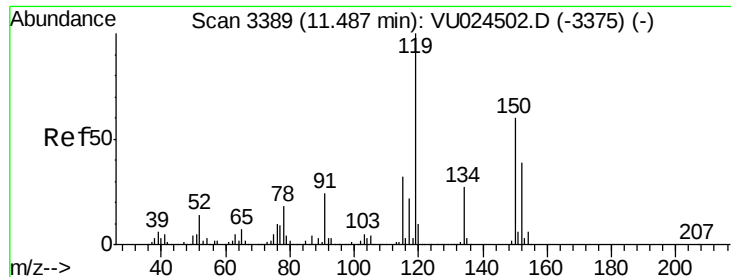
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.3	66.5
119	32.3	25.4	38.2



#65
Chlorobenzene
Concen: 13.579 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

DUP-0481-180621ME

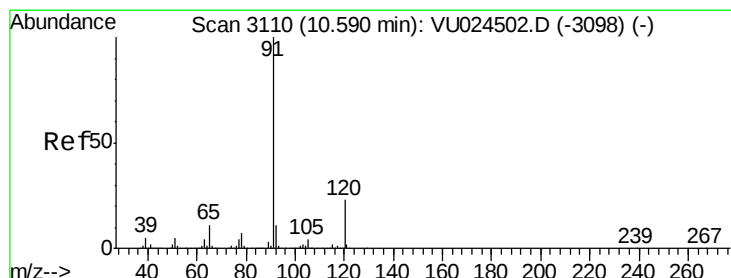
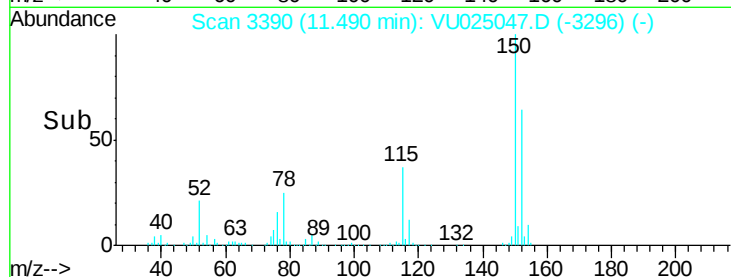
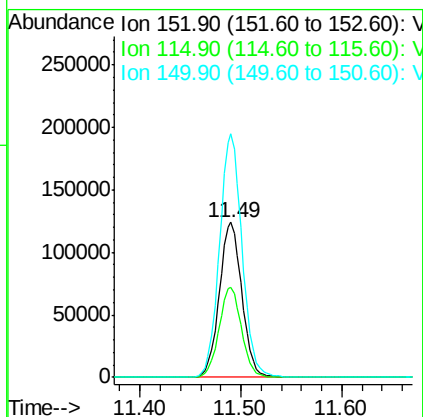
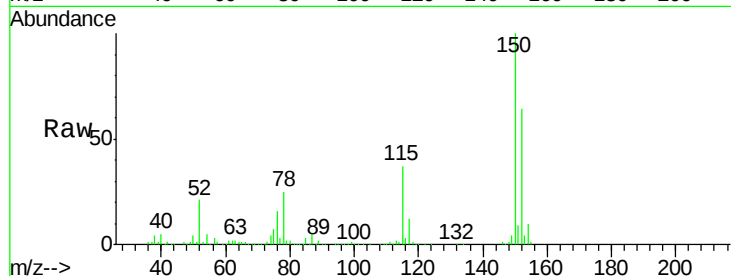
Tgt Ion:152 Resp: 193709

Ion Ratio Lower Upper

152 100

115 57.8 43.0 129.0

150 156.9 0.0 354.0



#78

n-propylbenzene

Concen: 0.232 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU025047.D

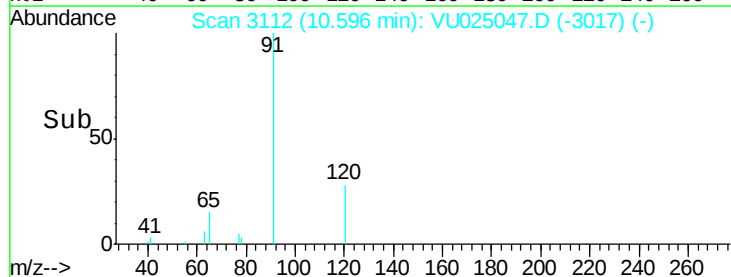
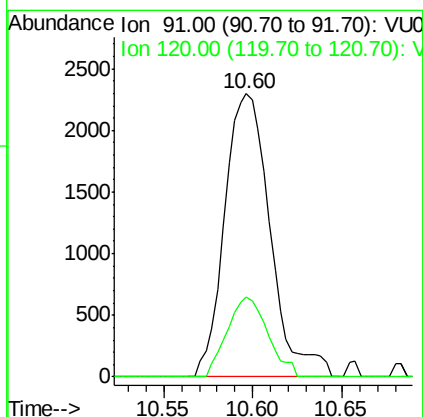
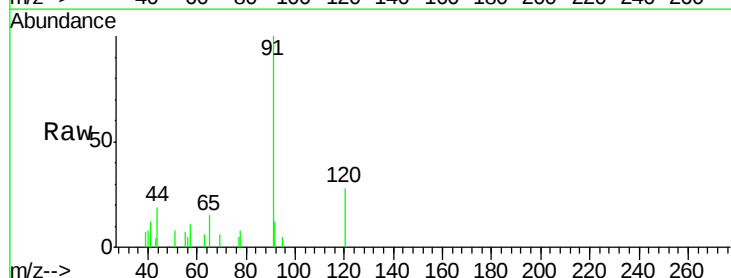
Acq: 29 Jun 2018 02:47

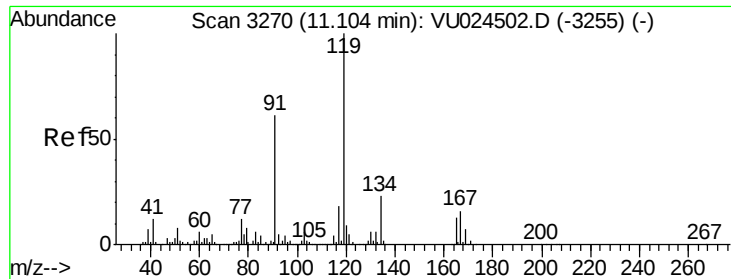
Tgt Ion: 91 Resp: 4070

Ion Ratio Lower Upper

91 100

120 25.1 11.2 33.5

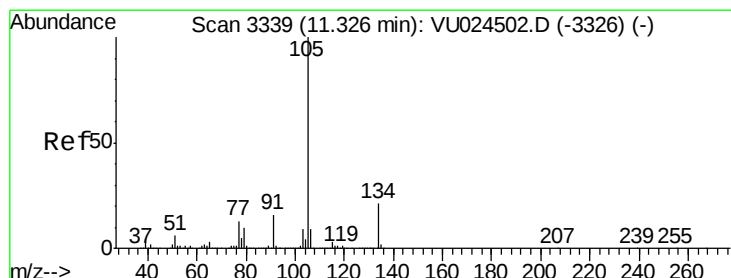
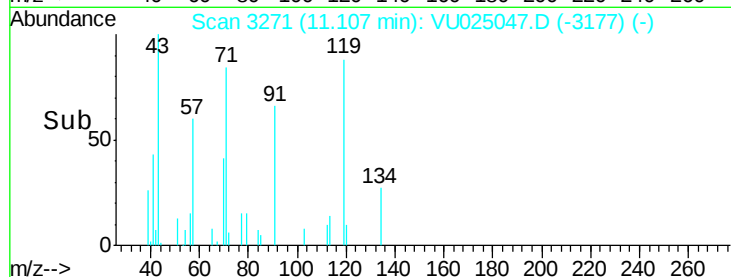
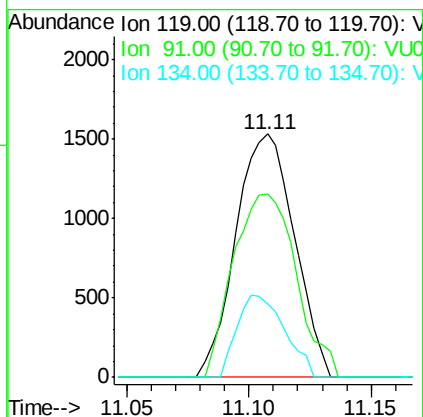
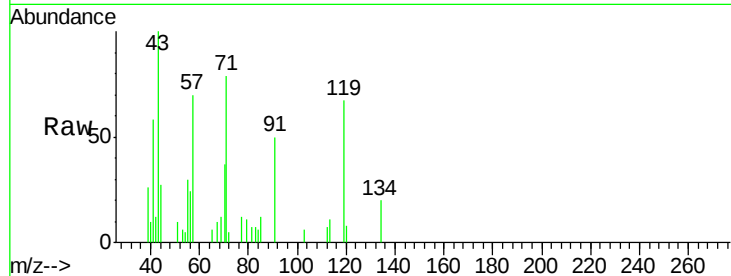




#83
tert-Butylbenzene
Concen: 0.205 ug/l
RT: 11.11 min Scan# 3271
Delta R.T. 0.00 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

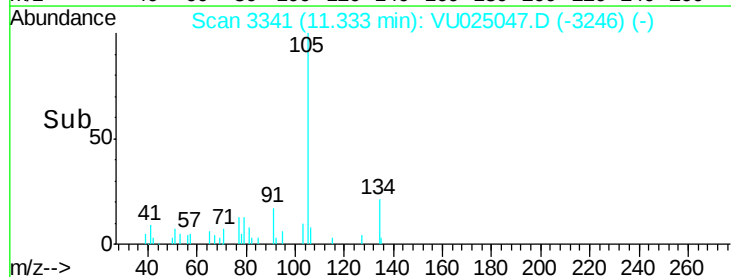
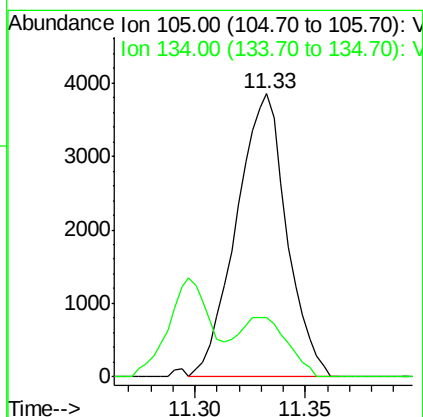
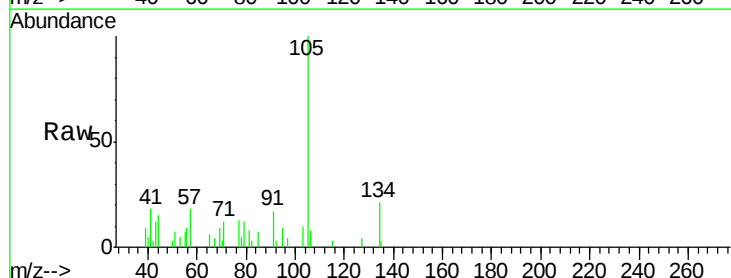
Instrument :
MSVOA_U
ClientSampleId :
DUP-0481-180621ME

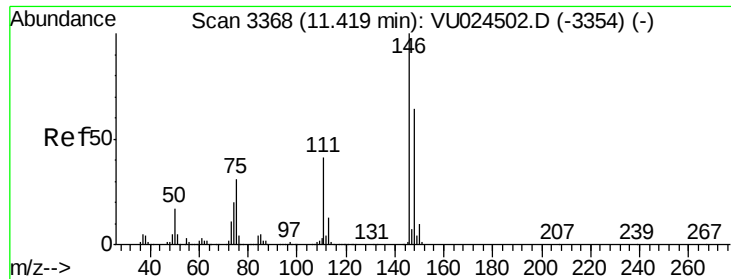
Tgt Ion:119 Resp: 2548
Ion Ratio Lower Upper
119 100
91 81.3 29.7 89.1
134 27.4 11.6 34.7



#85
sec-Butylbenzene
Concen: 0.393 ug/l
RT: 11.33 min Scan# 3341
Delta R.T. 0.01 min
Lab File: VU025047.D
Acq: 29 Jun 2018 02:47

Tgt Ion:105 Resp: 6101
Ion Ratio Lower Upper
105 100
134 20.8 9.7 29.1

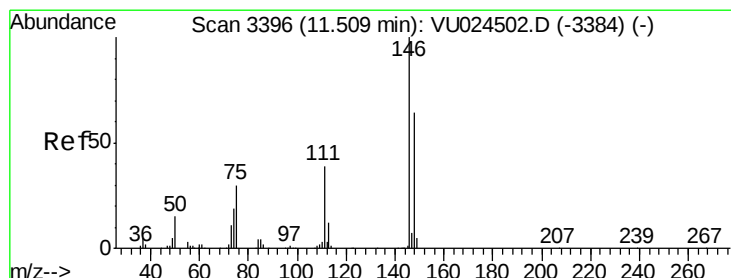
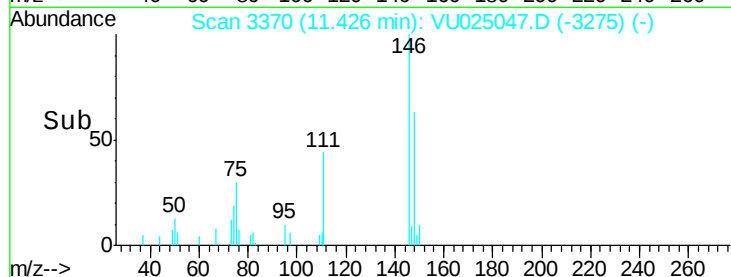
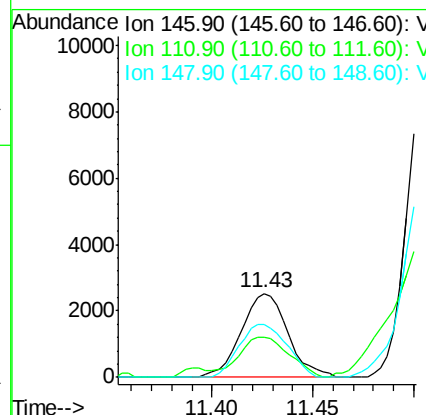
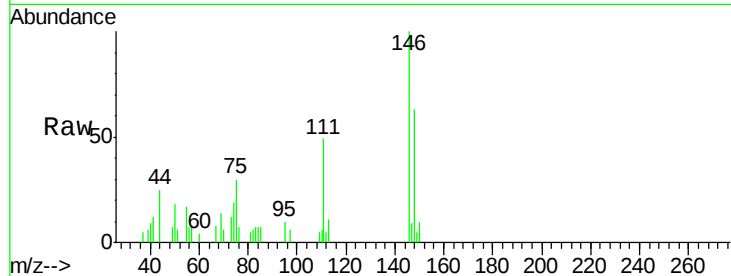




#87
 1,3-Dichlorobenzene
 Concen: 0.589 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

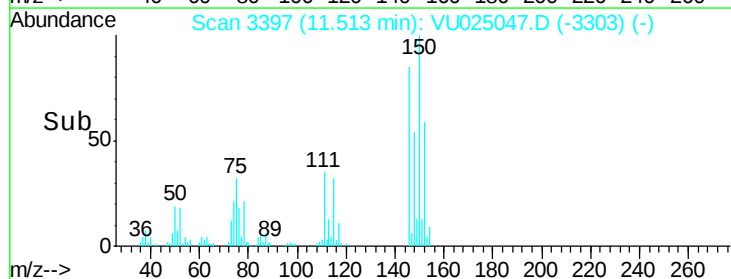
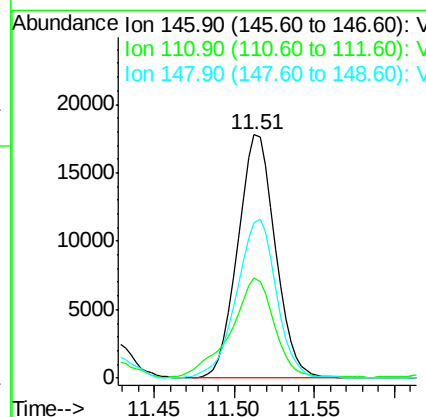
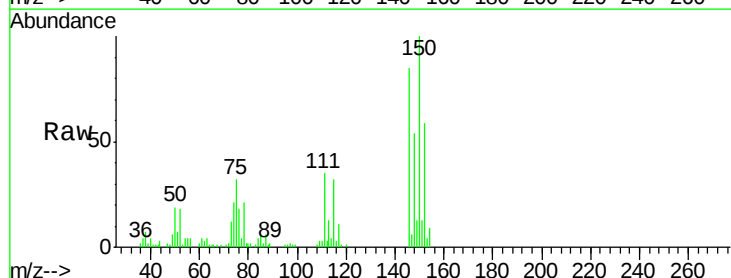
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0481-180621ME

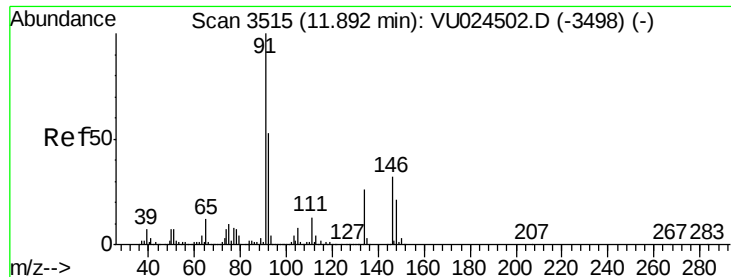
Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.0	20.0	60.0
148	65.5	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 4.055 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025047.D
 Acq: 29 Jun 2018 02:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.6	19.5	58.5
148	69.4	32.4	97.0





#89

n-Butylbenzene

Concen: 0.398 ug/l

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Instrument :

MSVOA_U

ClientSampleId :

DUP-0481-180621ME

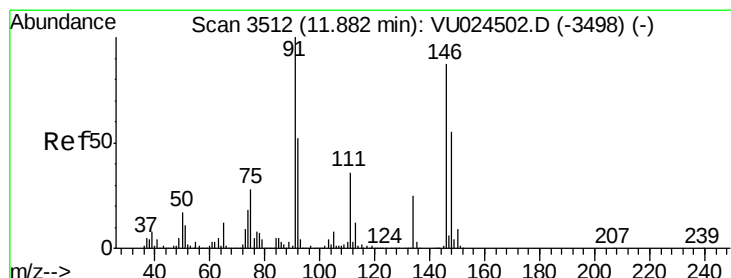
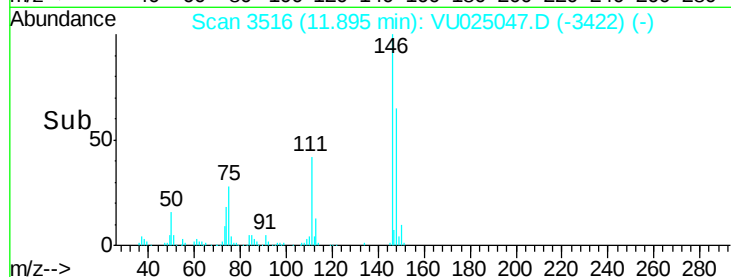
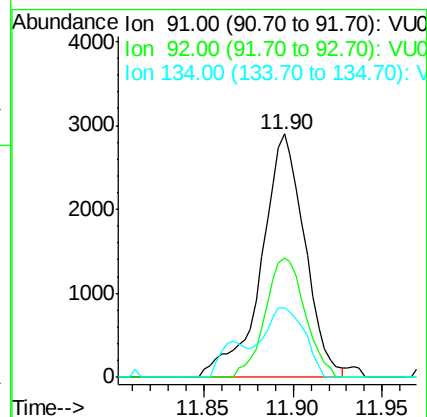
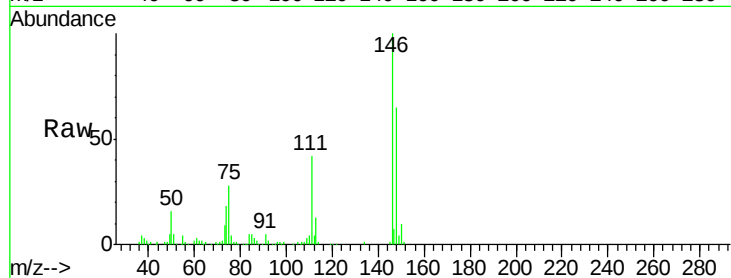
Tgt Ion: 91 Resp: 4915

Ion Ratio Lower Upper

91 100

92 45.0 25.6 76.8

134 26.4 12.3 36.8



#91

1,2-Dichlorobenzene

Concen: 21.504 ug/l

RT: 11.89 min Scan# 3513

Delta R.T. 0.00 min

Lab File: VU025047.D

Acq: 29 Jun 2018 02:47

Tgt Ion: 146 Resp: 149823

Ion Ratio Lower Upper

146 100

111 42.6 20.5 61.6

148 64.0 31.9 95.7

