

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061418\
 Data File : VU024543.D
 Acq On : 14 Jun 2018 16:30
 Operator : MD/SY
 Sample : J3443-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-3-9.0-061118

Quant Time: Jun 15 04:33:07 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	185122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315684	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	296593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	178369	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	139870	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
35) Dibromofluoromethane	4.89	113	127197	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	7.57	98	464413	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	10.31	95	175223	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	

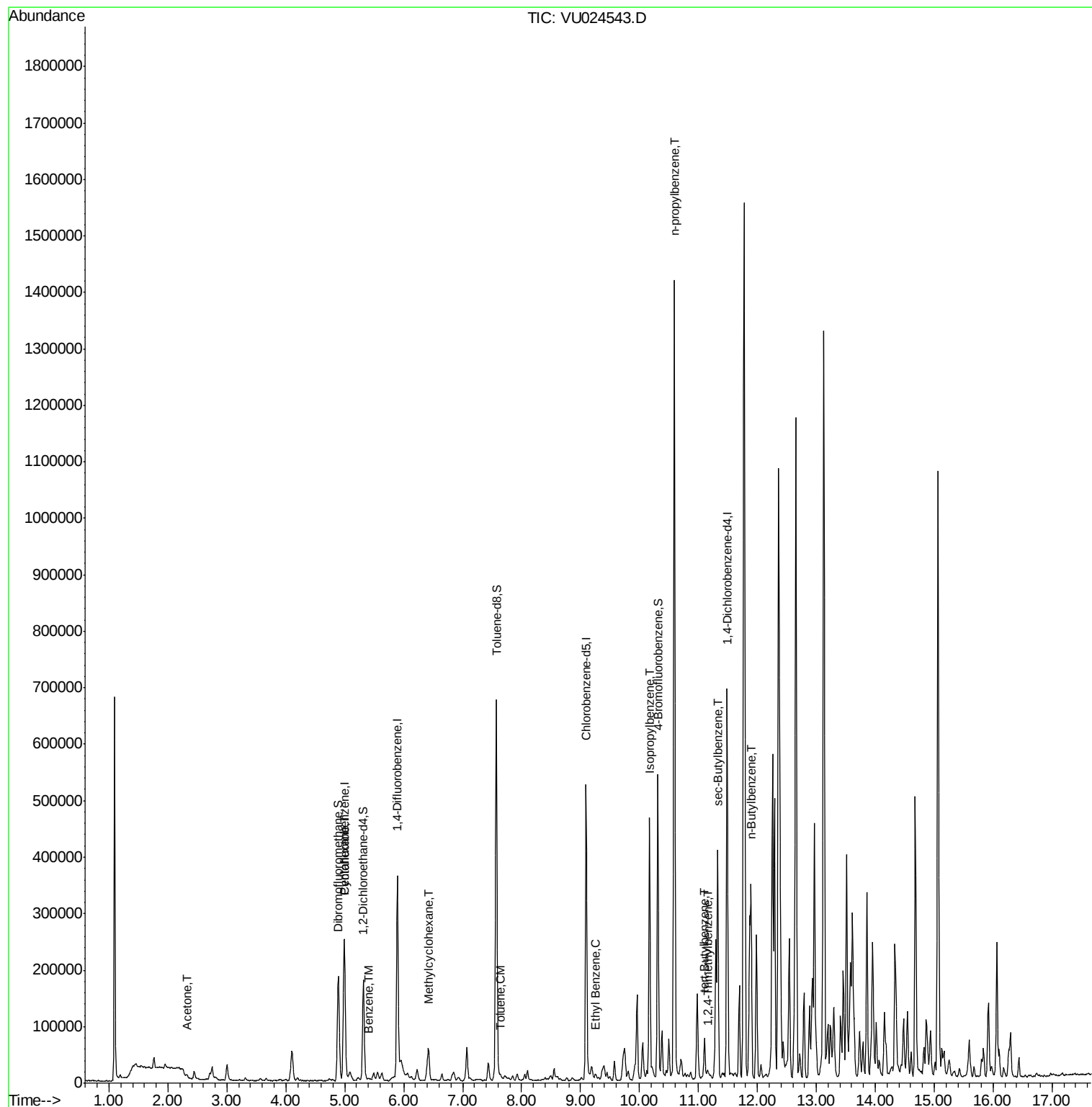
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	5160	3.178	ug/l	100
31) Cyclohexane	5.00	56	16900	2.384	ug/l #	68
39) Methylcyclohexane	6.42	83	23875	5.157	ug/l	98
40) Benzene	5.41	78	2316	0.219	ug/l	93
52) Toluene	7.64	92	1464	0.215	ug/l	77
67) Ethyl Benzene	9.26	91	3507	0.264	ug/l	99
73) Isopropylbenzene	10.17	105	297590	21.731	ug/l	97
78) n-propylbenzene	10.59	91	1080270	66.965	ug/l	98
83) tert-Butylbenzene	11.10	119	34147	2.991	ug/l	95
84) 1,2,4-Trimethylbenzene	11.15	105	3372m	0.279	ug/l	
85) sec-Butylbenzene	11.33	105	270305	18.913	ug/l	99
89) n-Butylbenzene	11.89	91	200003	17.600	ug/l	92

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

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Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024543.D

Acq: 14 Jun 2018 16:30

Instrument :

MSVOA_U

ClientSampleId :

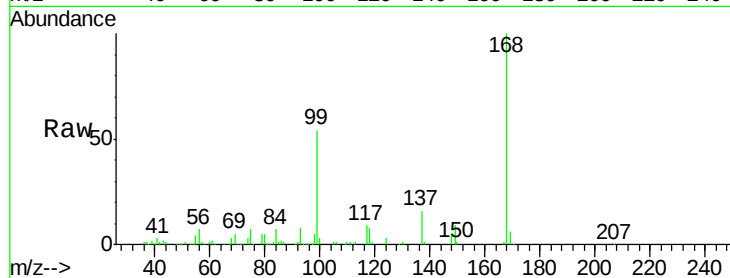
T3-MW-3-9.0-061118

Tot Ion:168 Resp: 185122

Ion Ratio Lower Upper

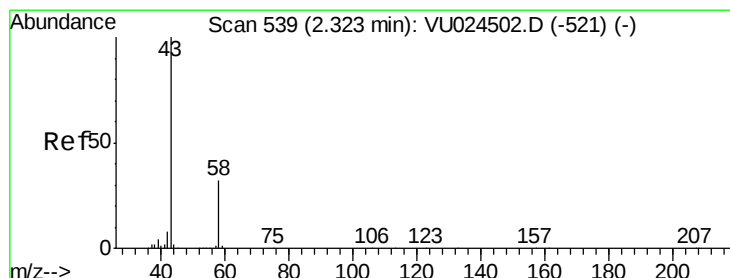
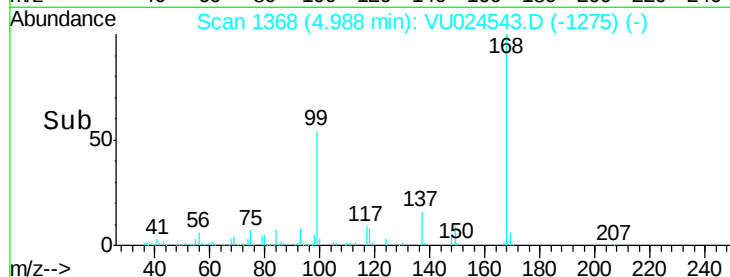
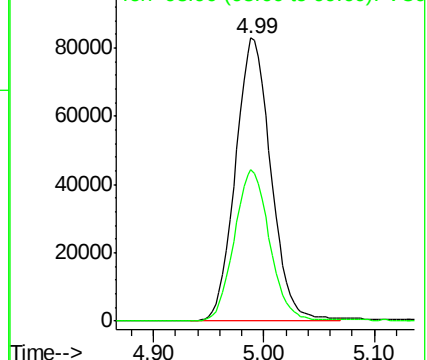
168 100

99 53.5 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) (-)



#16

Acetone

Concen: 3.178 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024543.D

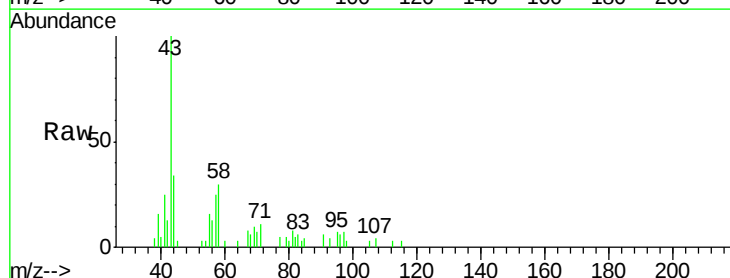
Acq: 14 Jun 2018 16:30

Tgt Ion: 43 Resp: 5160

Ion Ratio Lower Upper

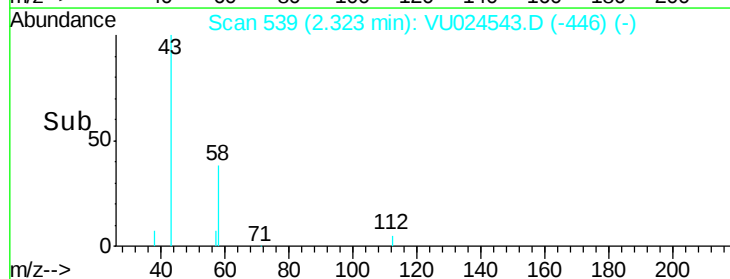
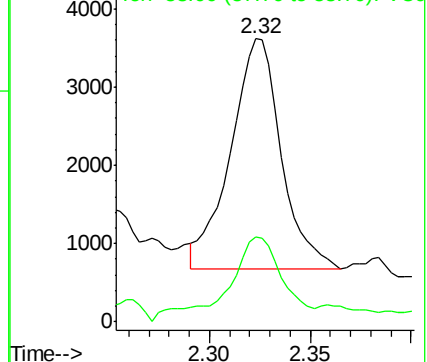
43 100

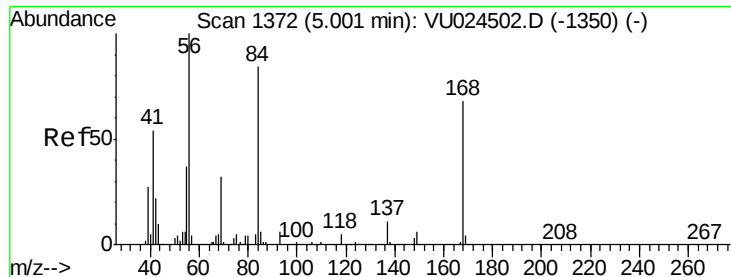
58 30.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

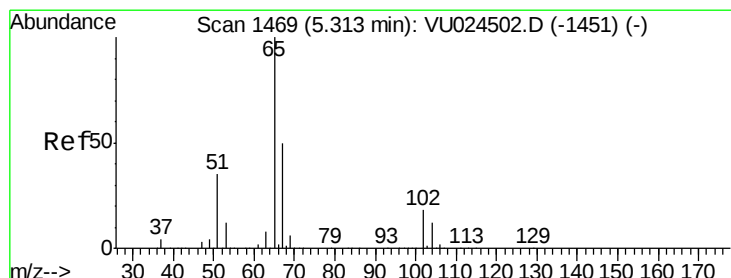
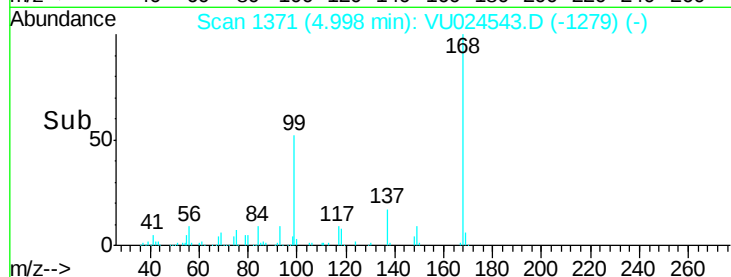
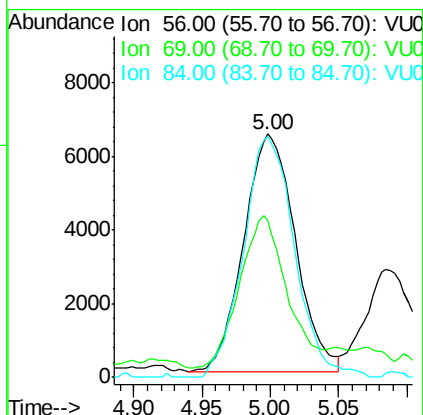
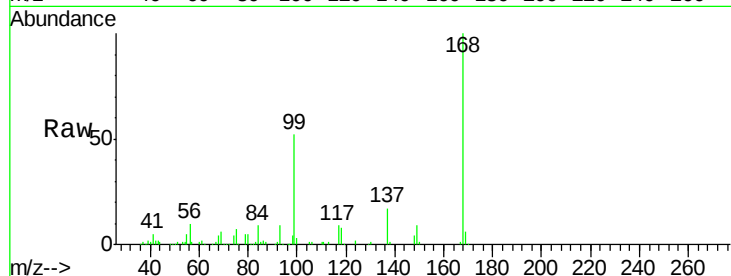




#31
Cyclohexane
Concen: 2.384 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024543.D
Acq: 14 Jun 2018 16:30

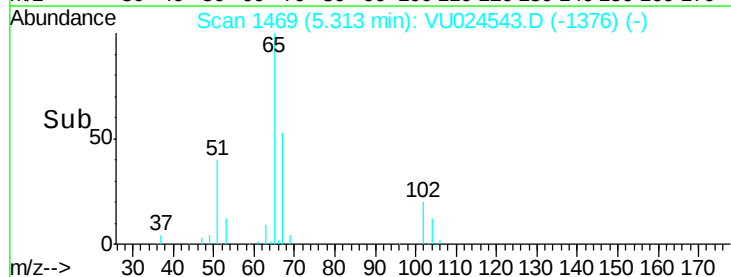
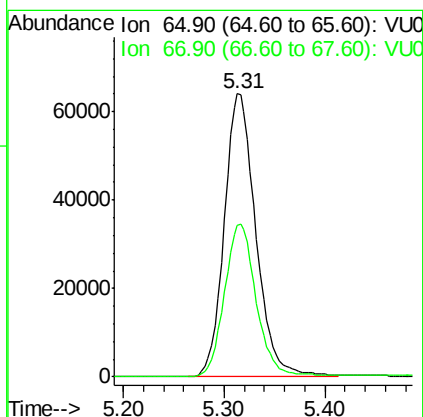
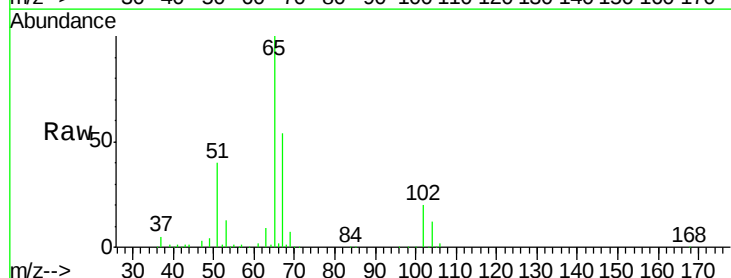
Instrument :
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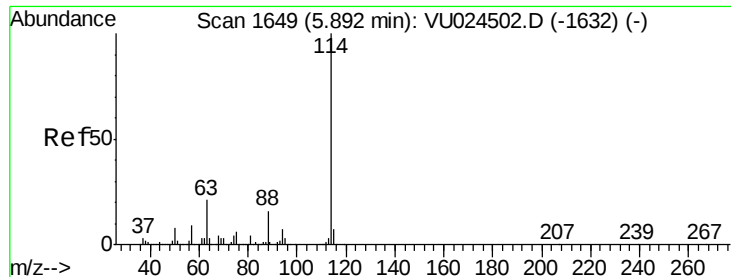
Tot Ion: 56 Resp: 16900
Ion Ratio Lower Upper
56 100
69 61.8 24.8 37.2#
84 101.5 65.2 97.8#



#33
1,2-Dichloroethane-d4
Concen: 46.282 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VU024543.D
Acq: 14 Jun 2018 16:30

Tgt Ion: 65 Resp: 139870
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024543.D

Acq: 14 Jun 2018 16:30

Instrument :

MSVOA_U

ClientSampleId :

T3-MW-3-9.0-061118

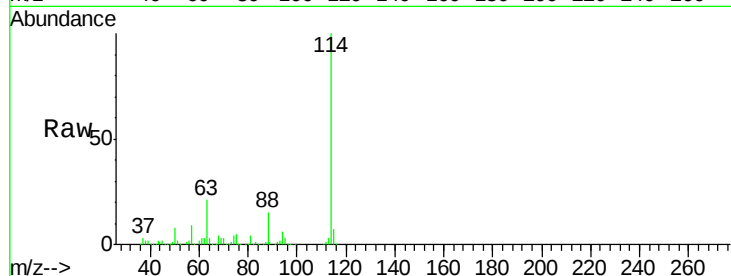
Tot Ion:114 Resp: 315684

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.4

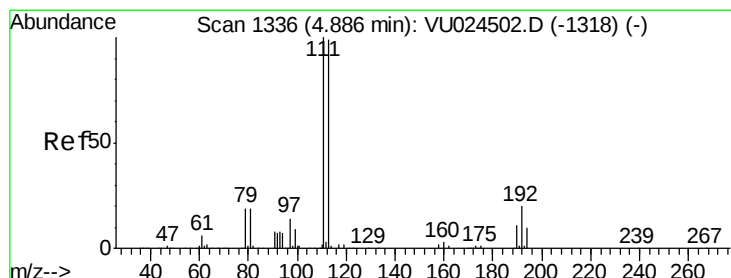
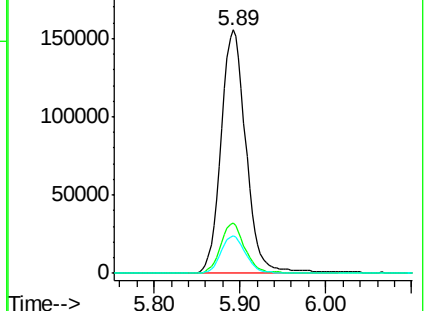
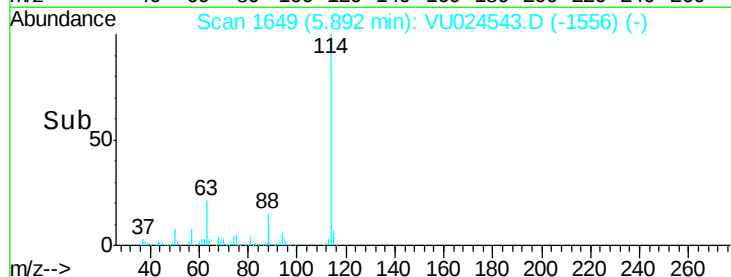
88 15.5 0.0 31.0



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: 48.550 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024543.D

Acq: 14 Jun 2018 16:30

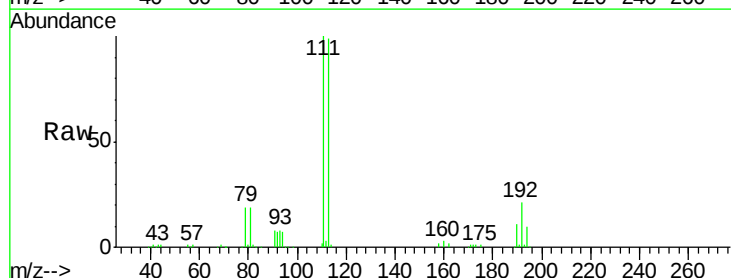
Tgt Ion:113 Resp: 127197

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

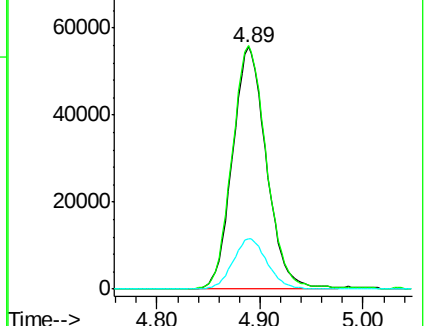
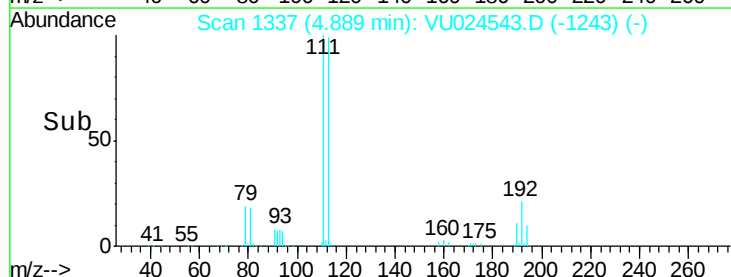
192 20.9 16.2 24.4

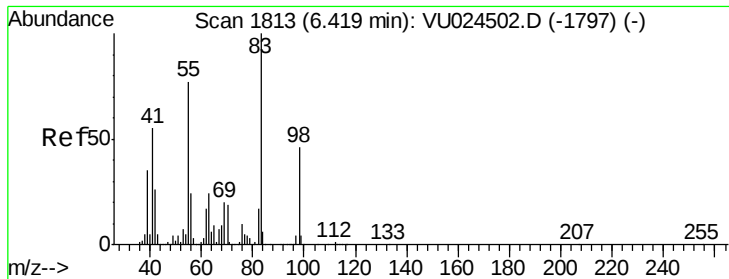


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

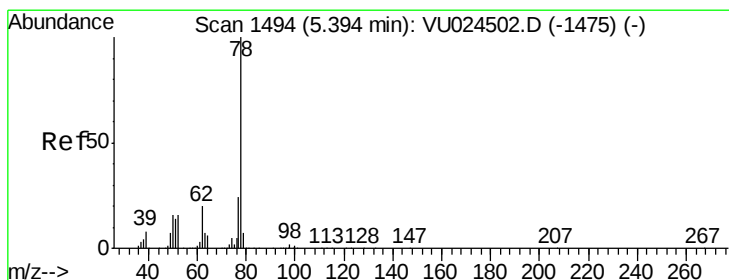
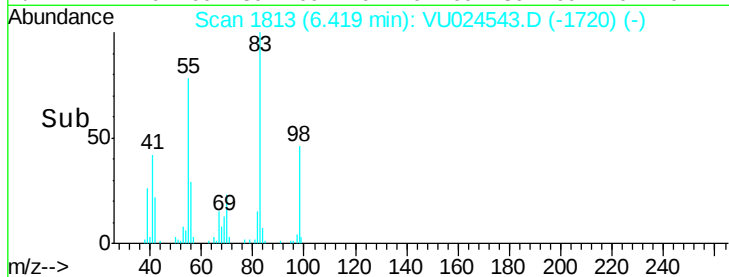
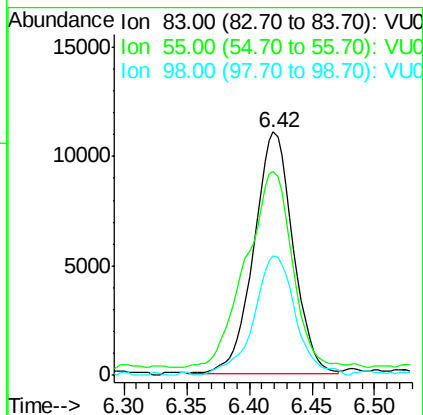
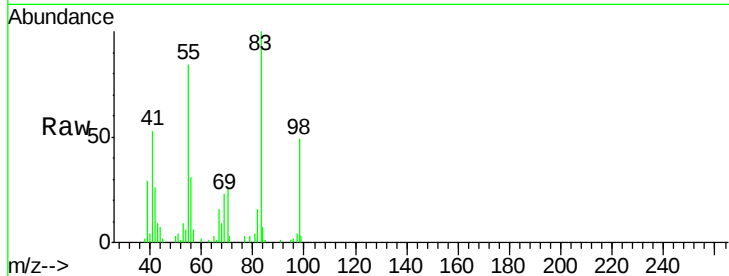




#39
Methvlcvclohexane
Concen: 5.157 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024543.D
Acq: 14 Jun 2018 16:30

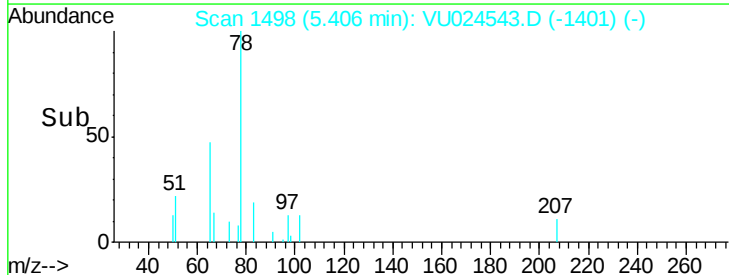
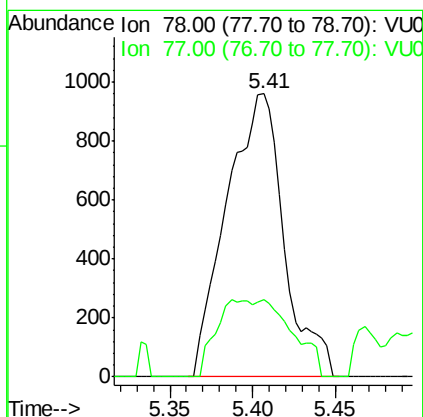
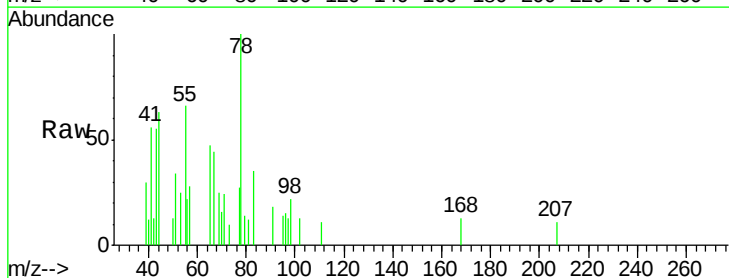
Instrument :
MSVOA_U
ClientSampleId :
T3-MW-3-9.0-061118

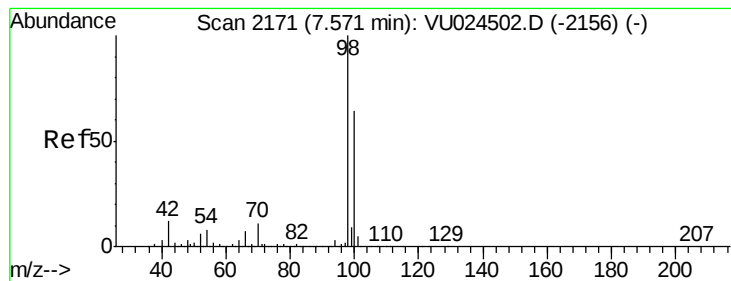
Tot Ion	83	Resp	23875
Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.8	98.6
98	48.3	36.7	55.1



#40
Benzene
Concen: 0.219 ug/l
RT: 5.41 min Scan# 1498
Delta R.T. 0.01 min
Lab File: VU024543.D
Acq: 14 Jun 2018 16:30

Tgt Ion	78	Resp	2316
Ion	Ratio	Lower	Upper
78	100		
77	27.3	19.2	28.8





#50

Toluene-d8

Concen: 48.597 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU024543.D

Acq: 14 Jun 2018 16:30

Instrument :

MSVOA_U

ClientSampleId :

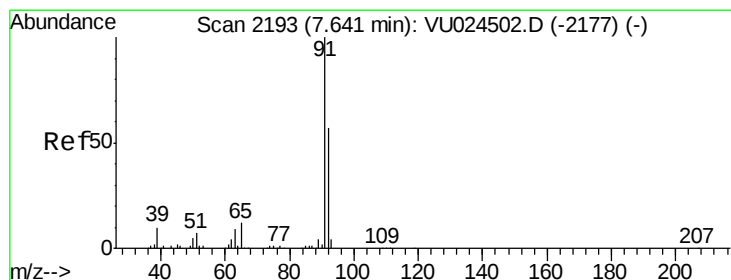
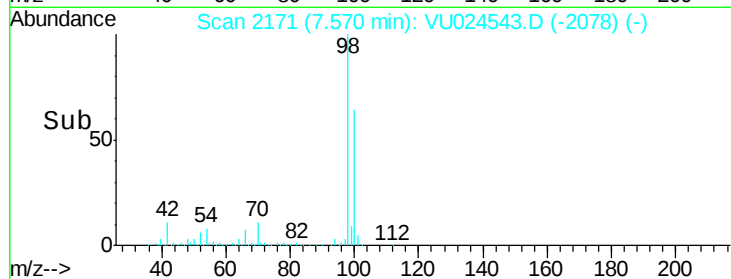
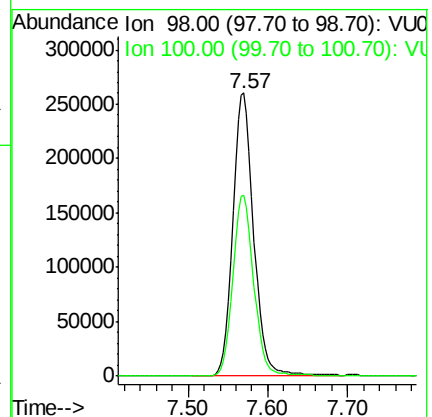
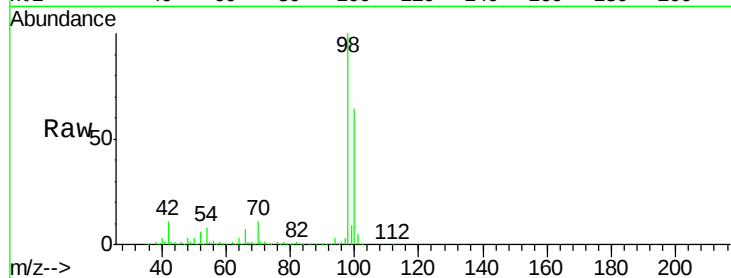
T3-MW-3-9.0-061118

Tot Ion: 98 Resp: 464413

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#52

Toluene

Concen: 0.215 ug/l

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU024543.D

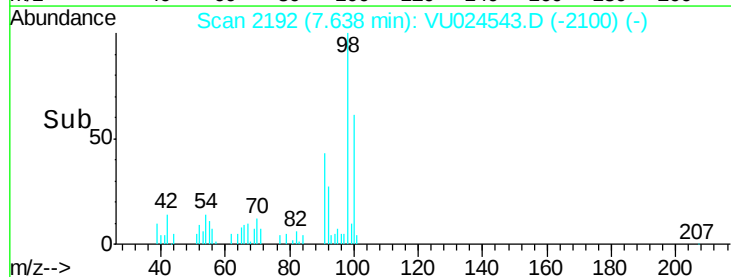
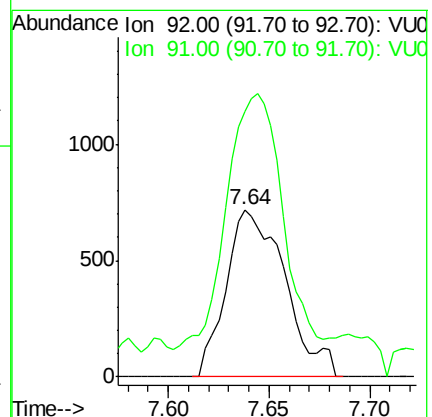
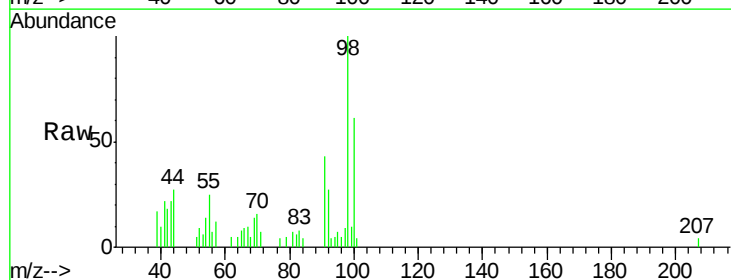
Acq: 14 Jun 2018 16:30

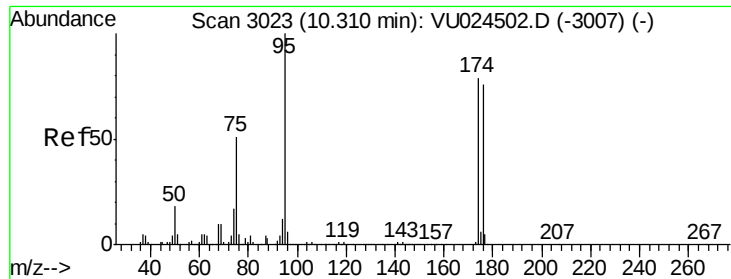
Tgt Ion: 92 Resp: 1464

Ion Ratio Lower Upper

92 100

91 143.9 140.5 210.7





#62

4-Bromofluorobenzene

Concen: 46.181 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024543.D

Acq: 14 Jun 2018 16:30

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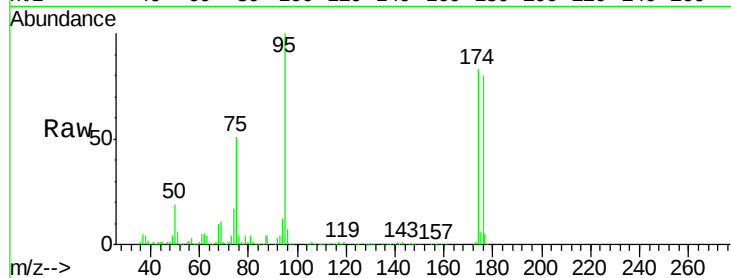
Tot Ion: 95 Resp: 175223

Ion Ratio Lower Upper

95 100

174 85.8 0.0 165.8

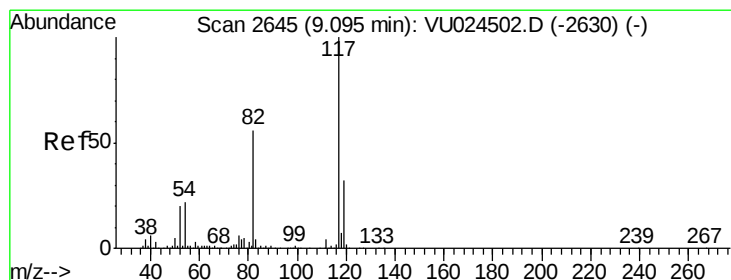
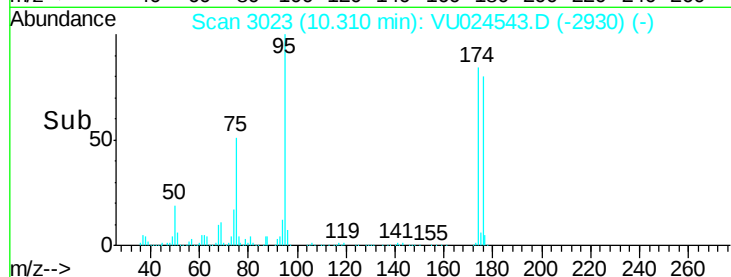
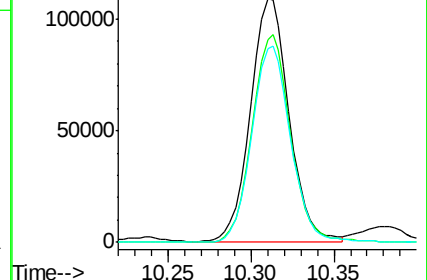
176 82.1 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU024543.D

Acq: 14 Jun 2018 16:30

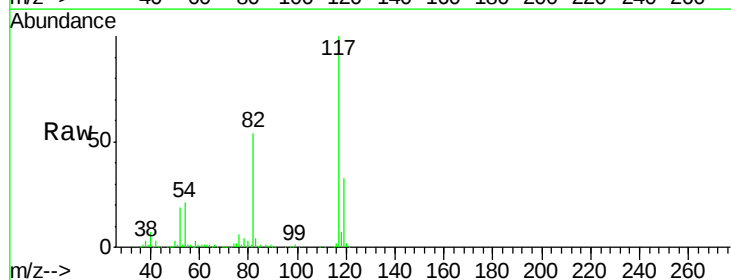
Tgt Ion: 117 Resp: 296593

Ion Ratio Lower Upper

117 100

82 53.6 44.3 66.5

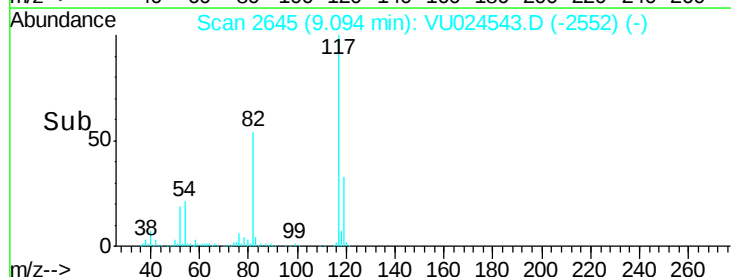
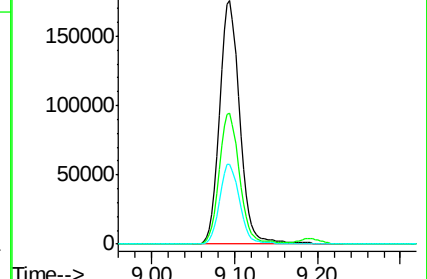
119 33.0 25.4 38.2

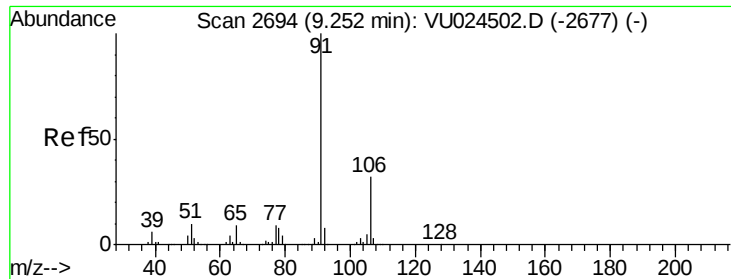


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)

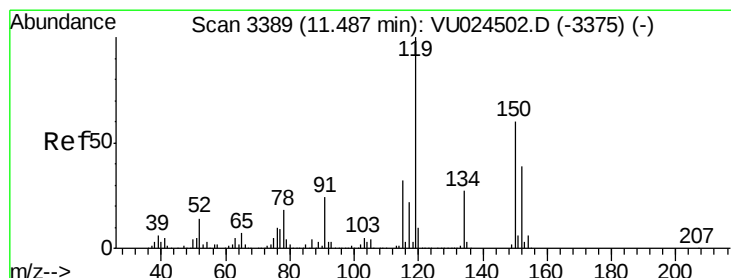
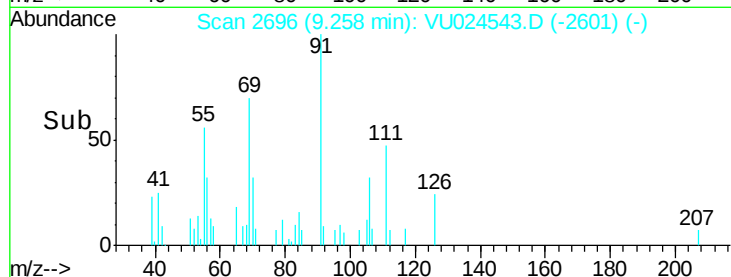
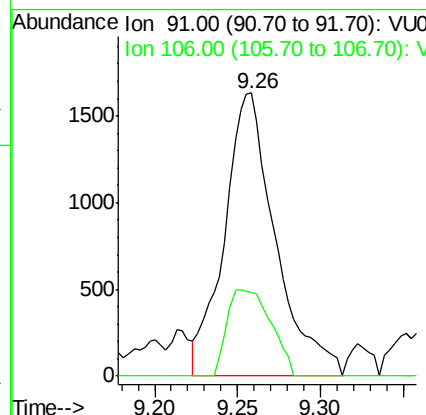
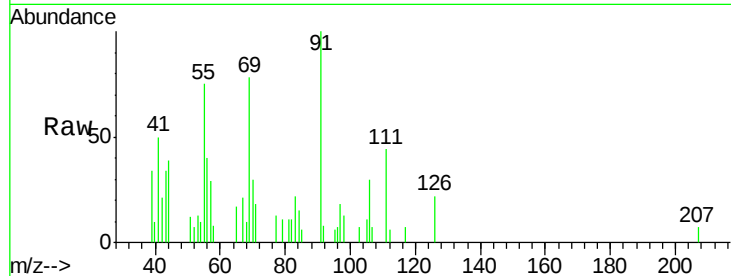




#67
Ethyl Benzene
Concen: 0.264 ug/l
RT: 9.26 min Scan# 2696
Delta R.T. 0.01 min
Lab File: VU024543.D
Acq: 14 Jun 2018 16:30

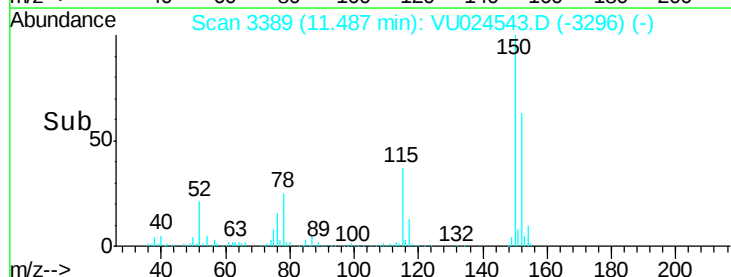
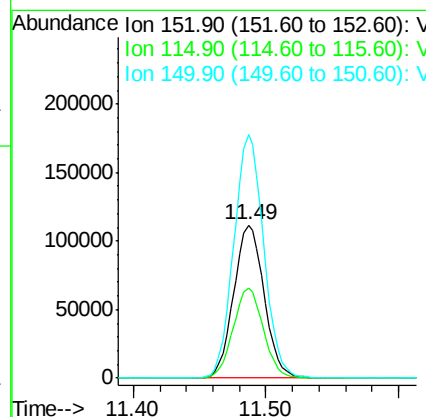
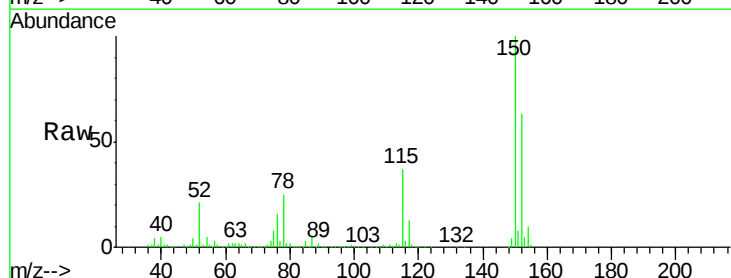
Instrument :
MSVOA_U
ClientSampleId :
T3-MW-3-9.0-061118

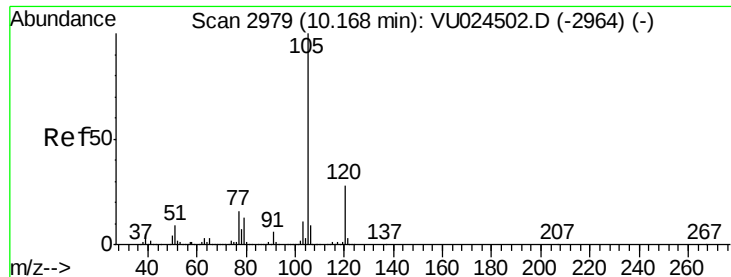
Tot Ion: 91 Resp: 3507
Ion Ratio Lower Upper
91 100
106 29.8 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU024543.D
Acq: 14 Jun 2018 16:30

Tgt Ion: 152 Resp: 178369
Ion Ratio Lower Upper
152 100
115 57.6 43.0 129.0
150 156.0 0.0 354.0





#73

Isopropylbenzene

Concen: 21.731 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU024543.D

Acq: 14 Jun 2018 16:30

Instrument :

MSVOA_U

ClientSampleId :

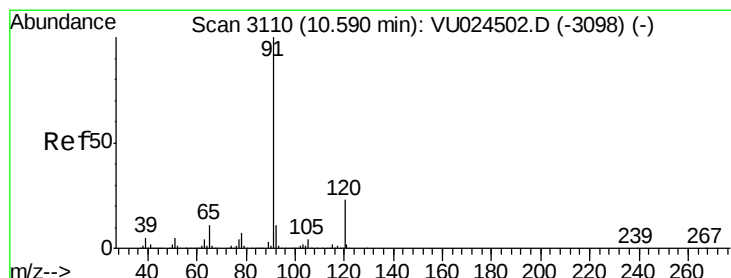
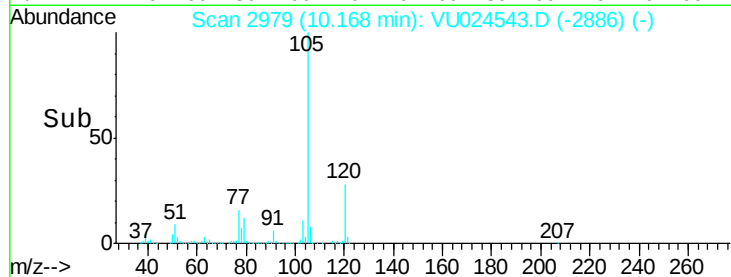
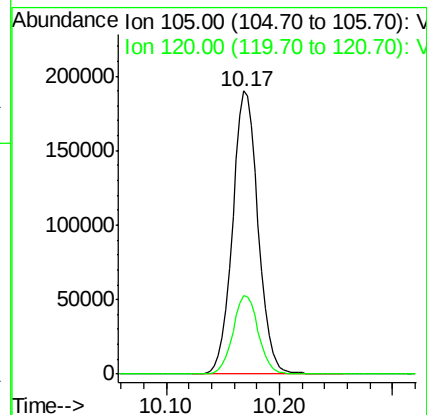
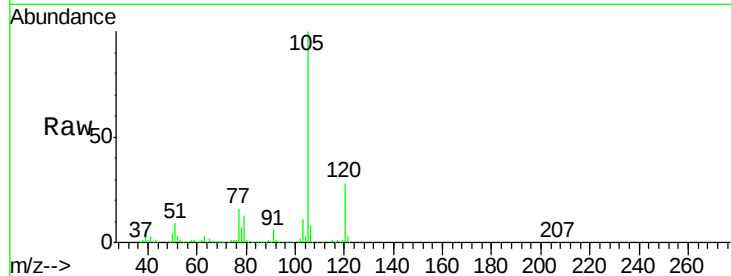
T3-MW-3-9.0-061118

Tot Ion:105 Resp: 297590

Ion Ratio Lower Upper

105 100

120 27.8 13.2 39.6



#78

n-propylbenzene

Concen: 66.965 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024543.D

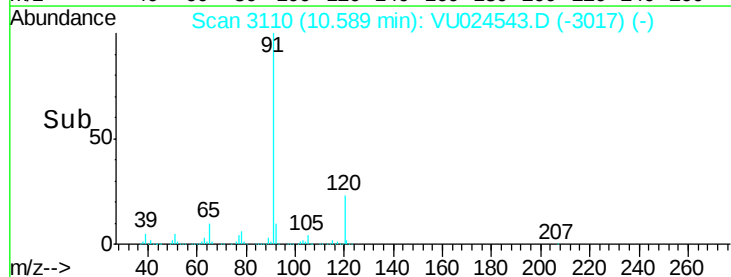
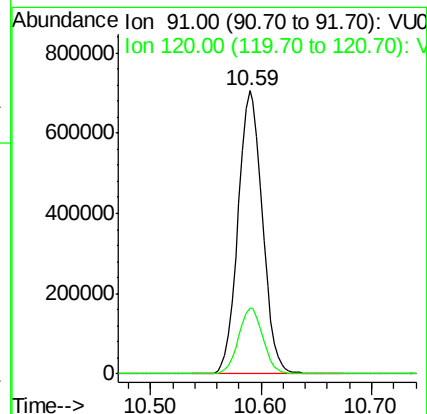
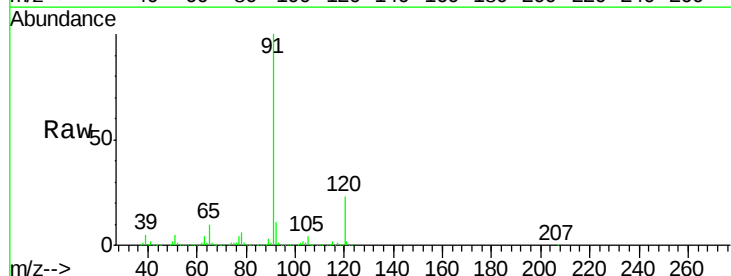
Acq: 14 Jun 2018 16:30

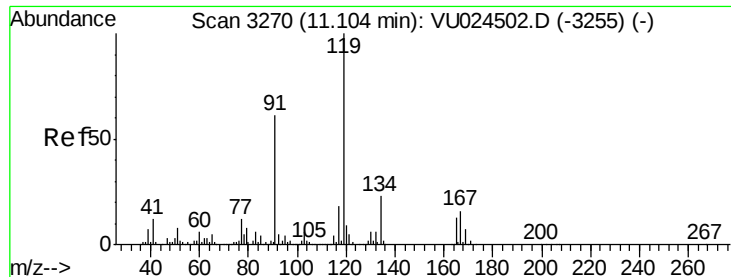
Tgt Ion: 91 Resp: 1080270

Ion Ratio Lower Upper

91 100

120 23.3 11.2 33.5

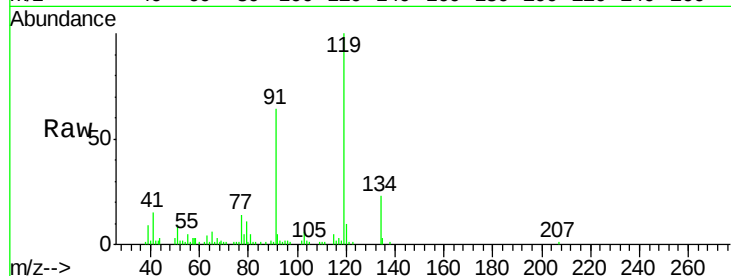




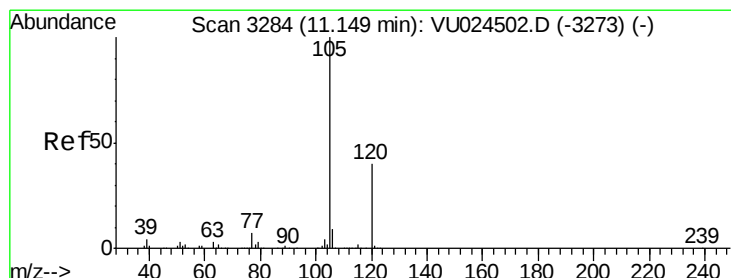
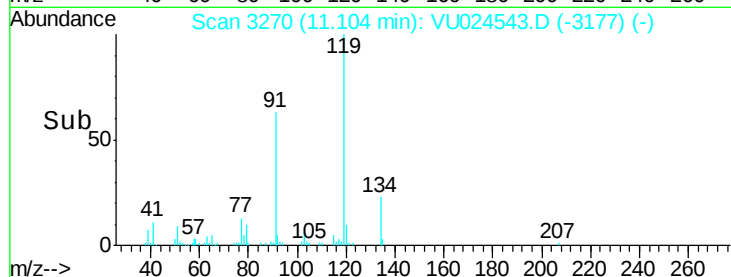
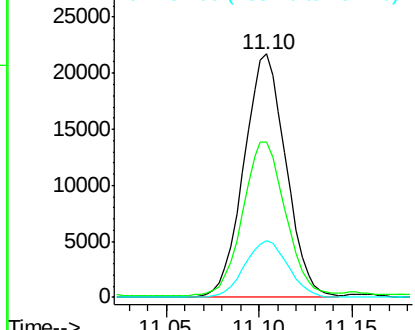
#83
tert-Butylbenzene
Concen: 2.991 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. -0.00 min
Lab File: VU024543.D
Acq: 14 Jun 2018 16:30

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-3-9.0-061118

Tot Ion:119 Resp: 34147
Ion Ratio Lower Upper
119 100
91 64.6 29.7 89.1
134 23.7 11.6 34.7

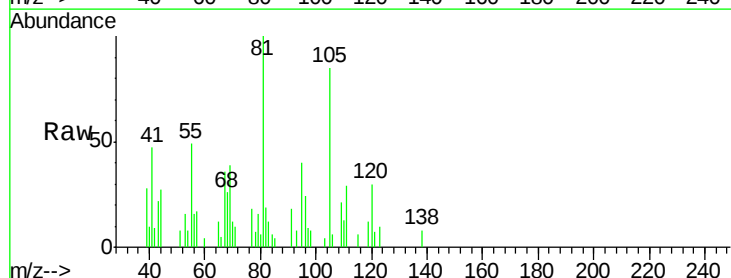


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

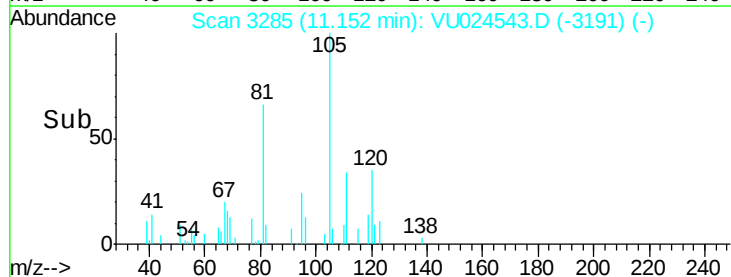
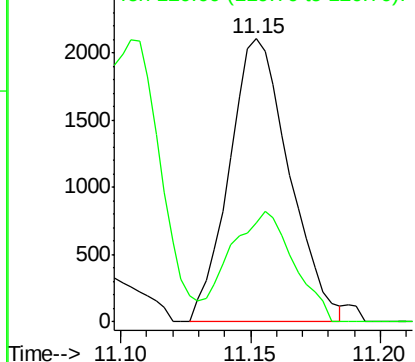


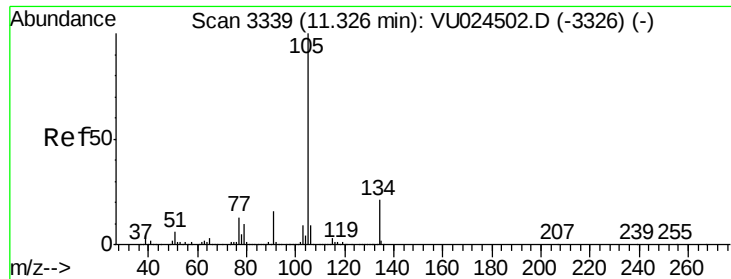
#84
1,2,4-Trimethylbenzene
Concen: 0.279 ug/l m
RT: 11.15 min Scan# 3285
Delta R.T. 0.00 min
Lab File: VU024543.D
Acq: 14 Jun 2018 16:30

Tgt Ion:105 Resp: 3372
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.8#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.913 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024543.D

Acq: 14 Jun 2018 16:30

Instrument :

MSVOA_U

ClientSampleId :

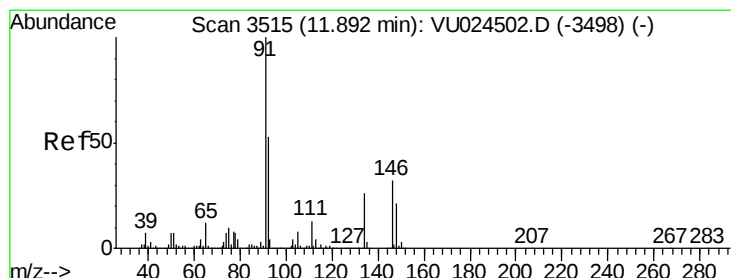
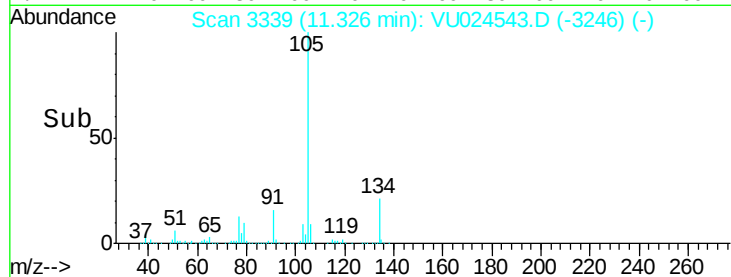
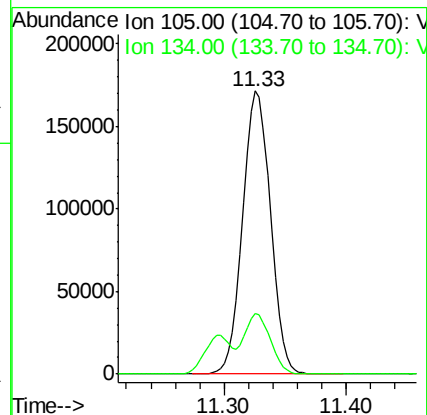
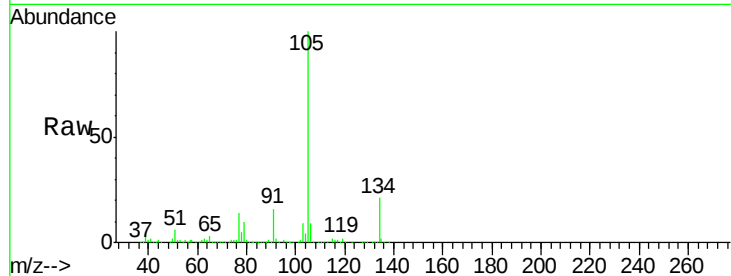
T3-MW-3-9.0-061118

Tot Ion:105 Resp: 270305

Ion Ratio Lower Upper

105 100

134 20.0 9.7 29.1



#89

n-Butylbenzene

Concen: 17.600 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU024543.D

Acq: 14 Jun 2018 16:30

Tgt Ion: 91 Resp: 200003

Ion Ratio Lower Upper

91 100

92 46.9 25.6 76.8

134 18.5 12.3 36.8

