

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024548.D
 Acq On : 14 Jun 2018 18:26
 Operator : MD/SY
 Sample : J3451-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VB-25830-SLUDGEBOX

Quant Time: Jun 15 04:49:47 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	171507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	293049	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167058	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.32	65	130272	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.06%		
35) Dibromofluoromethane	4.89	113	114981	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.56%		
50) Toluene-d8	7.57	98	433750	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.78%		
62) 4-Bromofluorobenzene	10.31	95	167489	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.10%		

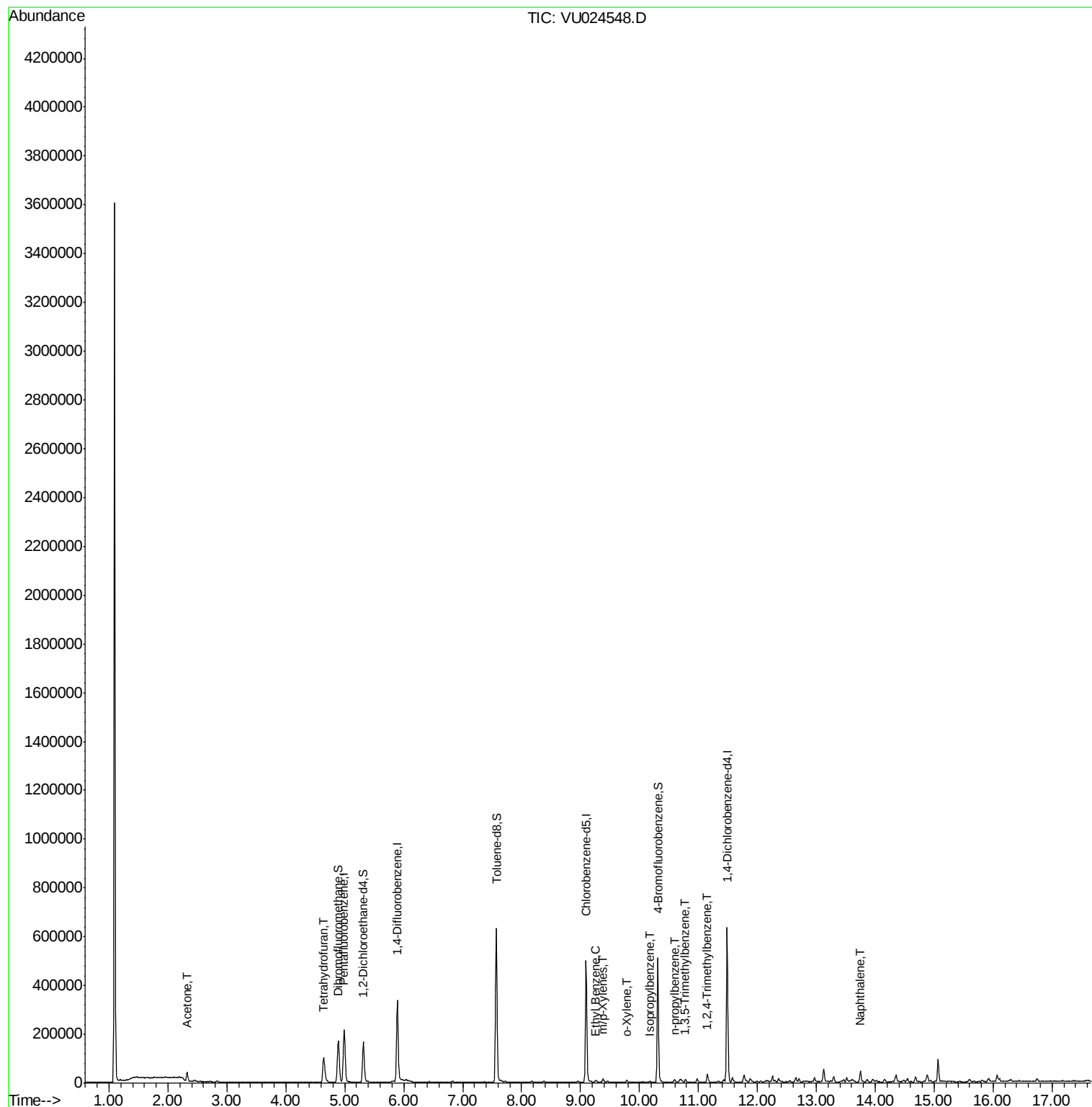
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	37425	24.877	ug/l	96
29) Tetrahydrofuran	4.64	42	79539	63.562	ug/l	96
67) Ethyl Benzene	9.26	91	5826	0.462	ug/l	90
68) m/p-Xylenes	9.38	106	4099	0.846	ug/l	100
69) o-Xylene	9.78	106	2080	0.434	ug/l	63
73) Isopropylbenzene	10.17	105	3549	0.277	ug/l	99
78) n-propylbenzene	10.59	91	9387	0.621	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	5584	0.502	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	17749	1.567	ug/l	98
95) Naphthalene	13.75	128	36713	3.627	ug/l	98

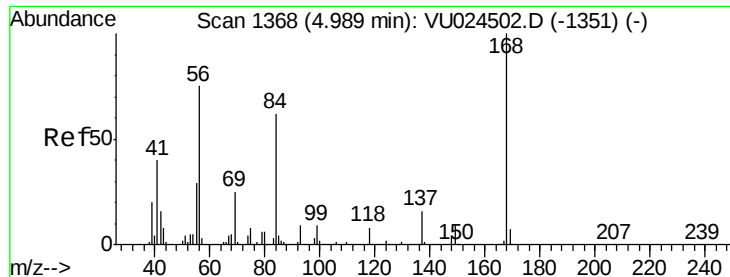
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024548.D
Acq On : 14 Jun 2018 18:26
Operator : MD/SY
Sample : J3451-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VB-25830-SLUDGEBOX

Quant Time: Jun 15 04:49:47 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: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024548.D

Acq: 14 Jun 2018 18:26

Instrument :

MSVOA_U

ClientSampleId :

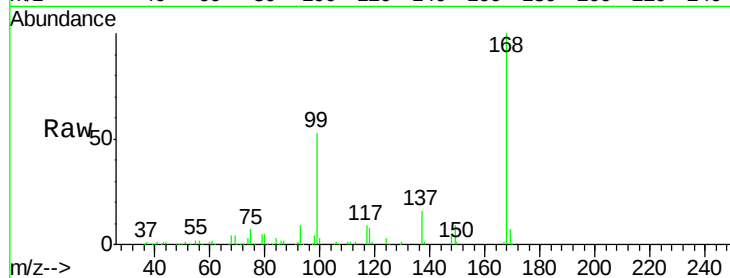
VB-25830-SLUDGEBOX

Tot Ion:168 Resp: 171507

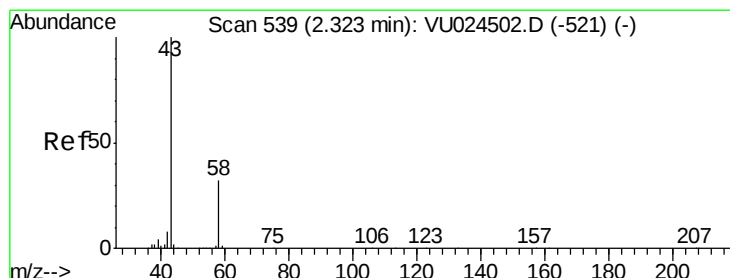
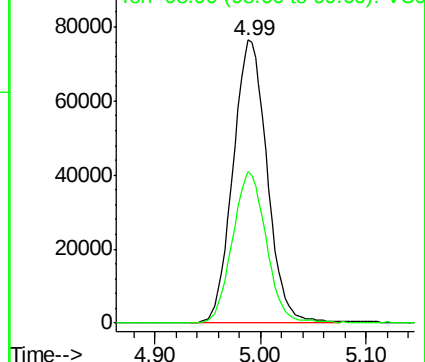
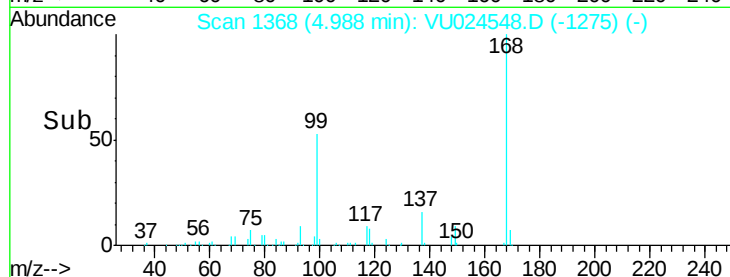
Ion Ratio Lower Upper

168 100

99 53.4 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024548.D (-1275) (-)



#16

Acetone

Concen: 24.877 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU024548.D

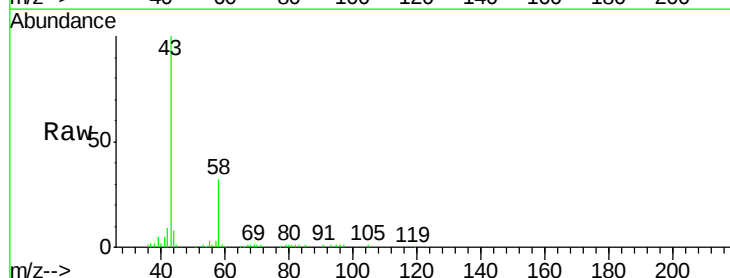
Acq: 14 Jun 2018 18:26

Tgt Ion: 43 Resp: 37425

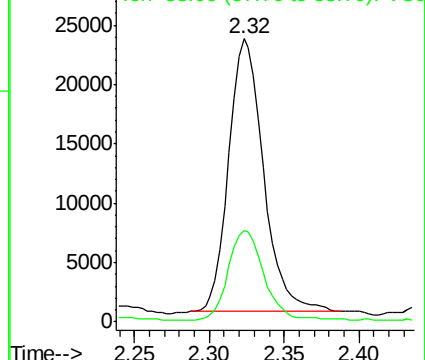
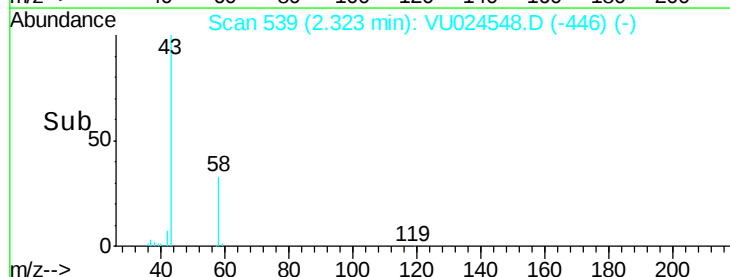
Ion Ratio Lower Upper

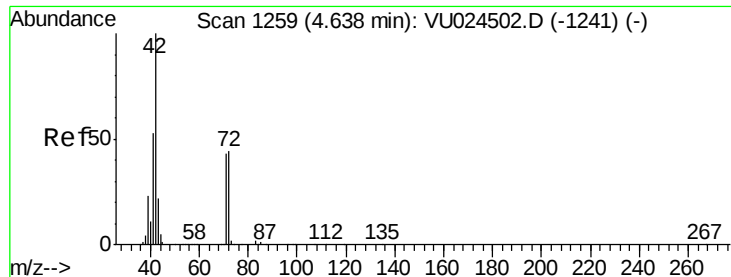
43 100

58 32.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024548.D (-446) (-)





#29

Tetrahydrofuran

Concen: 63.562 ug/l

RT: 4.64 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VU024548.D

Acq: 14 Jun 2018 18:26

Instrument :

MSVOA_U

ClientSampleId :

VB-25830-SLUDGEBOX

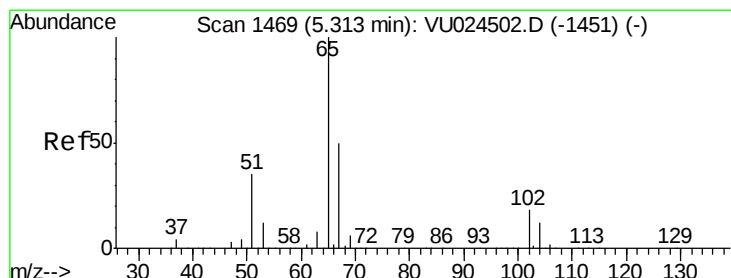
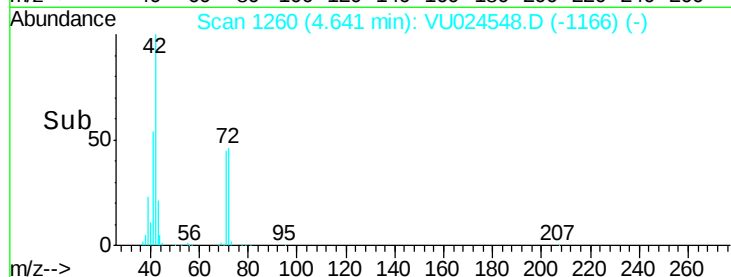
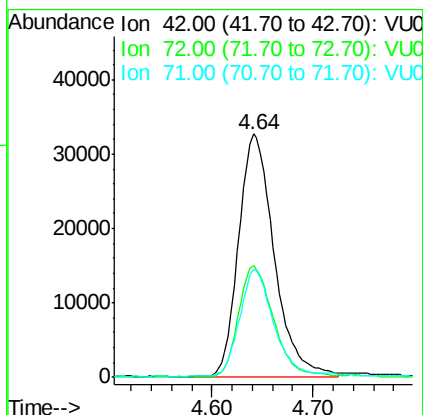
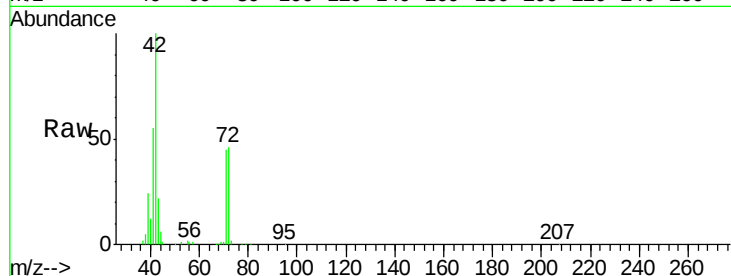
Tot Ion: 42 Resp: 79539

Ion Ratio Lower Upper

42 100

72 45.8 34.5 51.7

71 42.9 32.2 48.4



#33

1,2-Dichloroethane-d4

Concen: 46.528 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU024548.D

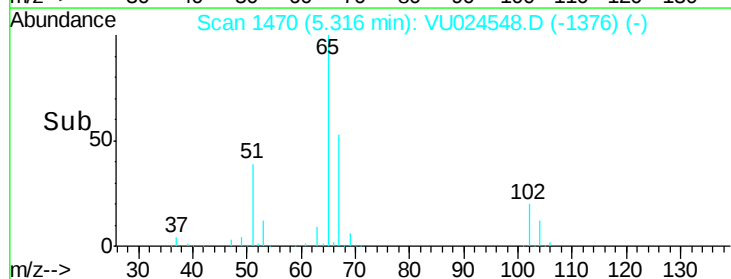
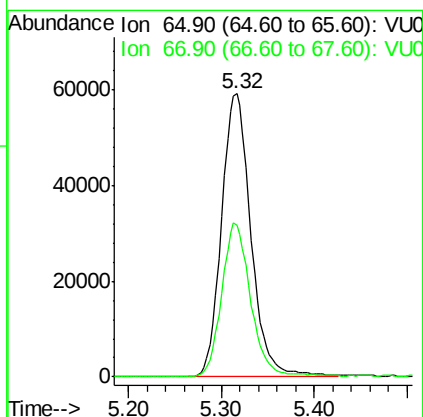
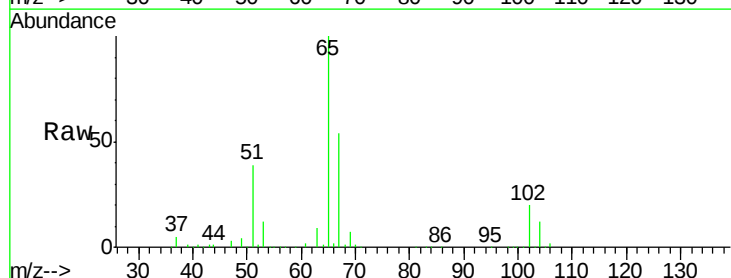
Acq: 14 Jun 2018 18:26

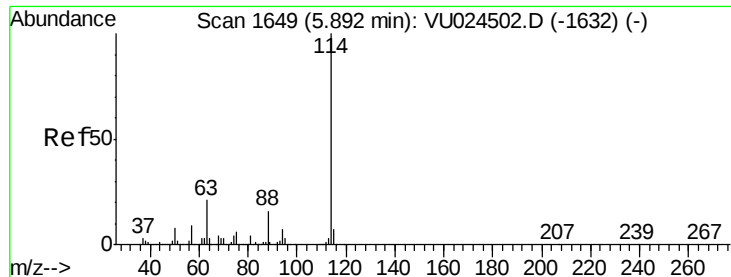
Tgt Ion: 65 Resp: 130272

Ion Ratio Lower Upper

65 100

67 52.6 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: VU024548.D

Acq: 14 Jun 2018 18:26

Instrument :

MSVOA_U

ClientSampleId :

VB-25830-SLUDGEBOX

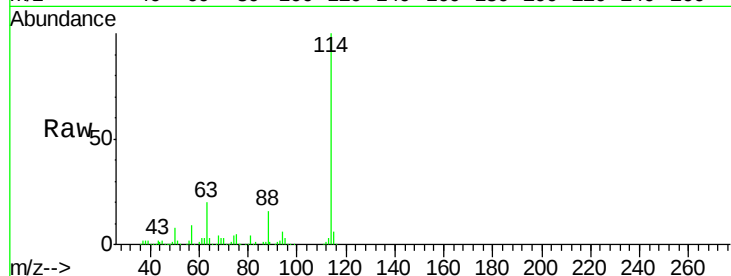
Tot Ion:114 Resp: 293049

Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.4

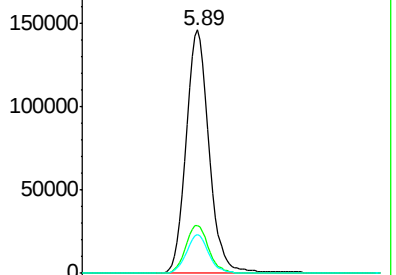
88 15.8 0.0 31.0



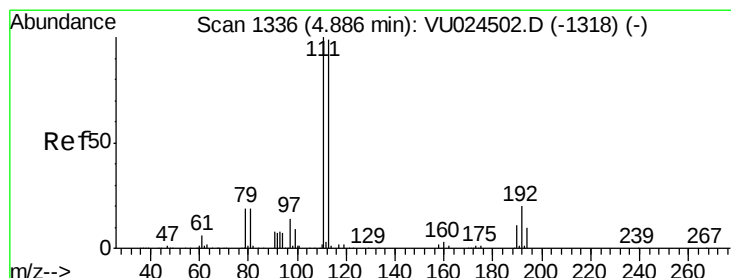
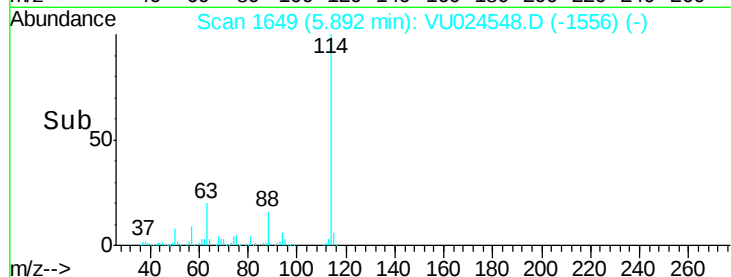
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



Time-->



#35

Dibromofluoromethane

Concen: 47.277 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024548.D

Acq: 14 Jun 2018 18:26

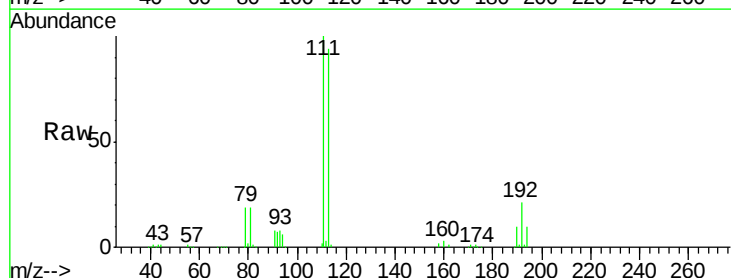
Tgt Ion:113 Resp: 114981

Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

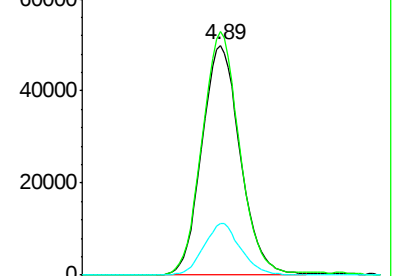
192 21.6 16.2 24.4



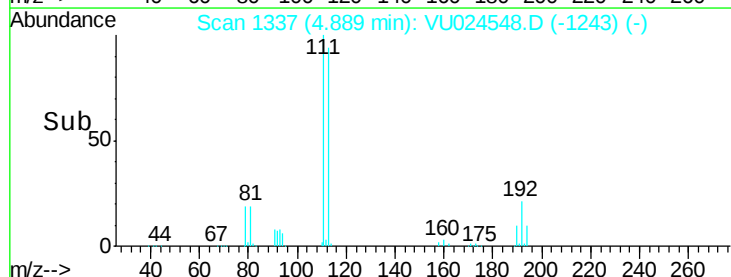
Abundance Ion 112.80 (112.50 to 113.50): V

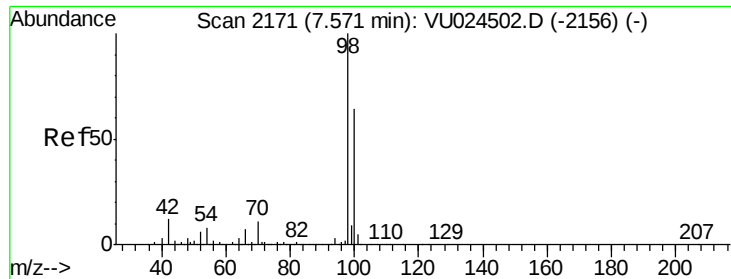
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

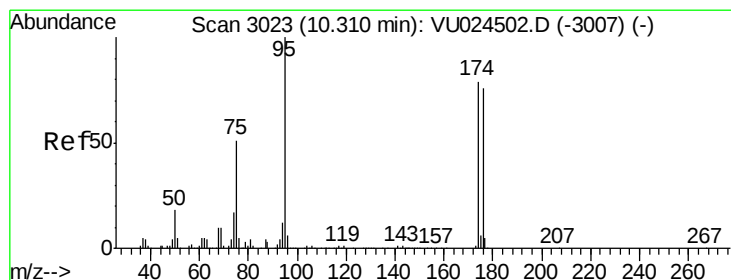
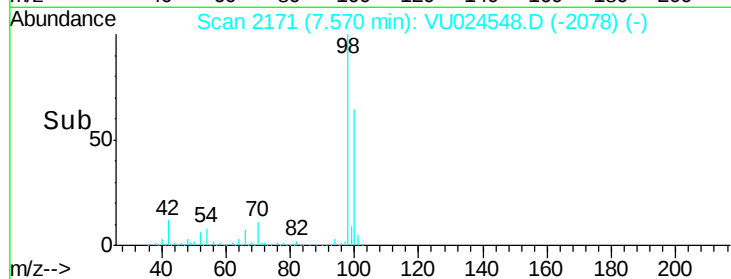
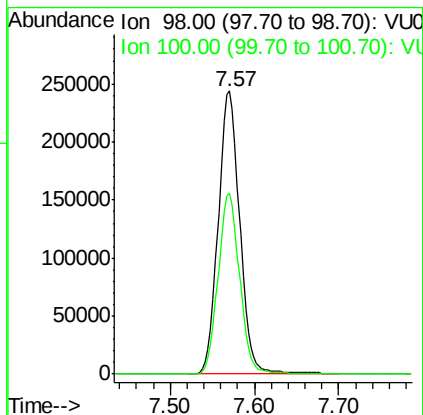
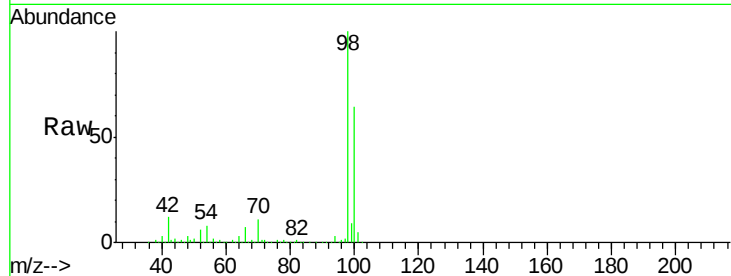




#50
Toluene-d8
Concen: 48.894 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

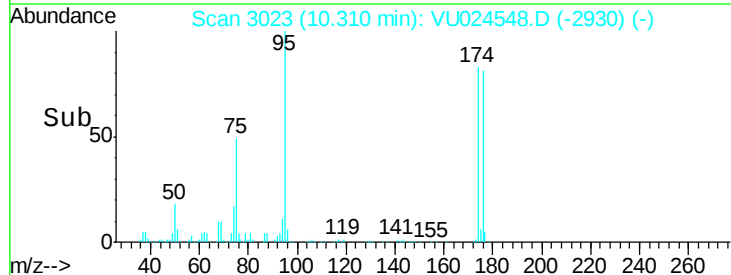
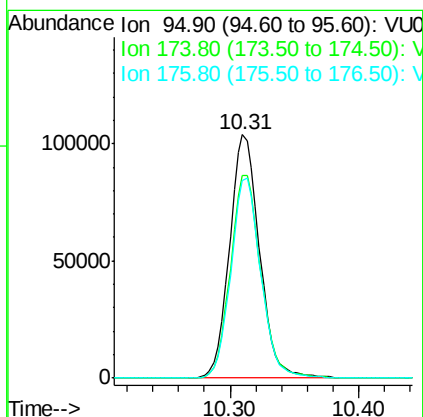
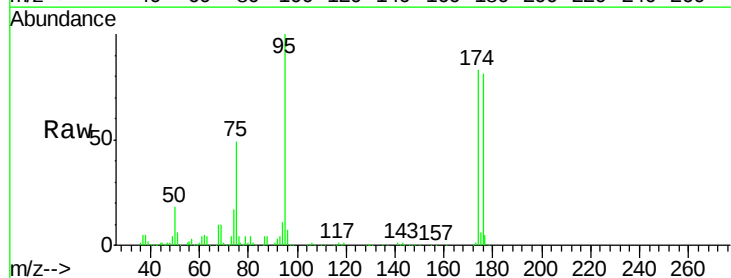
Instrument :
MSVOA_U
ClientSampleId :
VB-25830-SLUDGEBOX

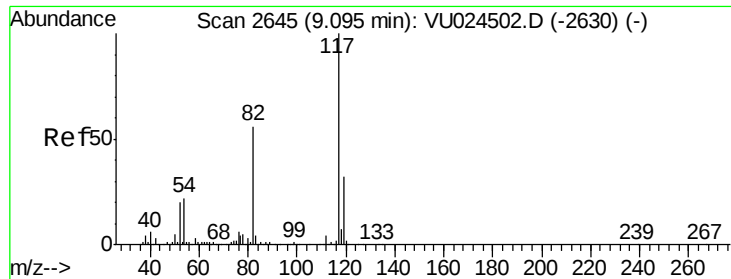
Tot Ion: 98 Resp: 433750
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 47.552 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 95 Resp: 167489
Ion Ratio Lower Upper
95 100
174 84.5 0.0 165.8
176 82.0 0.0 159.4

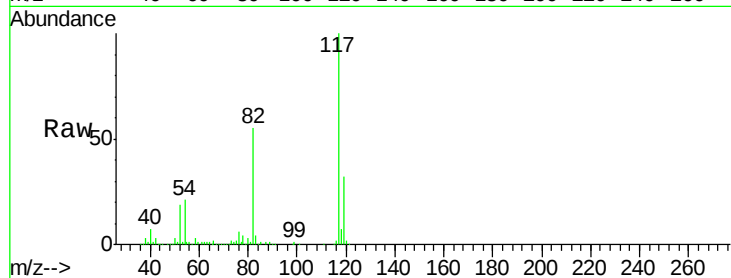




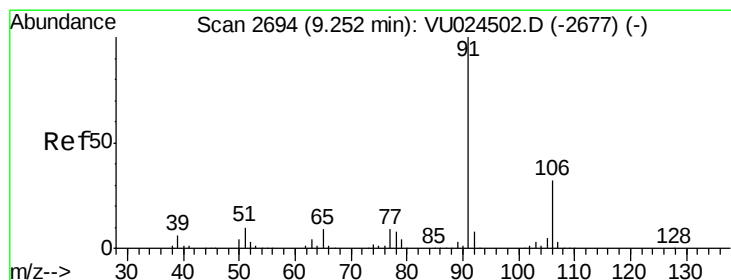
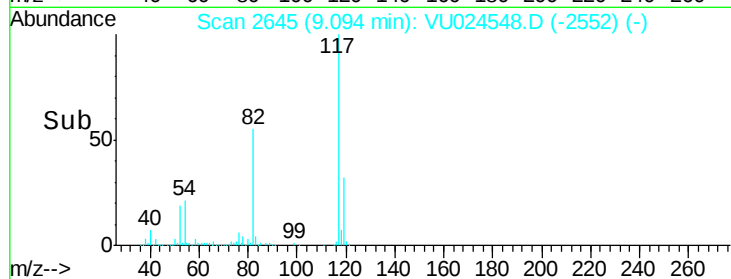
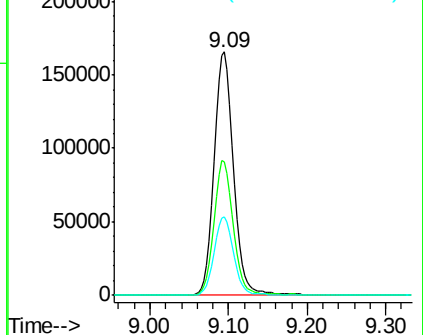
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Instrument :
MSVOA_U
ClientSampleId :
VB-25830-SLUDGEBOX

Tot Ion:117 Resp: 281680
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.3 25.4 38.2

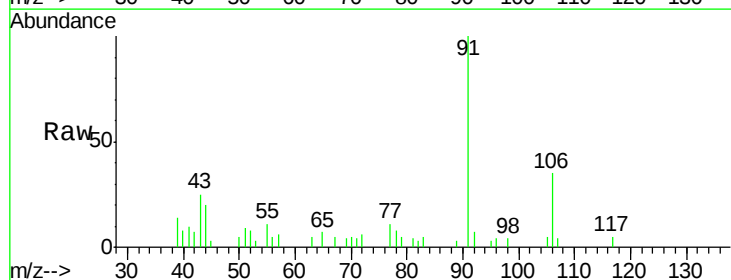


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

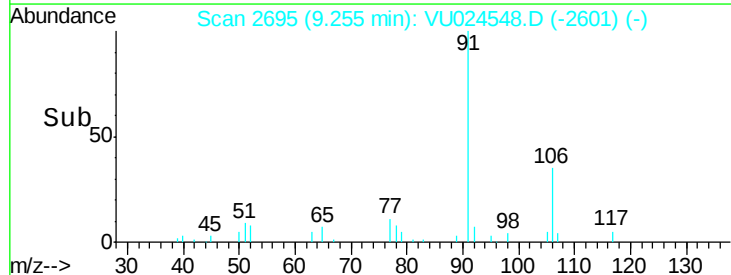
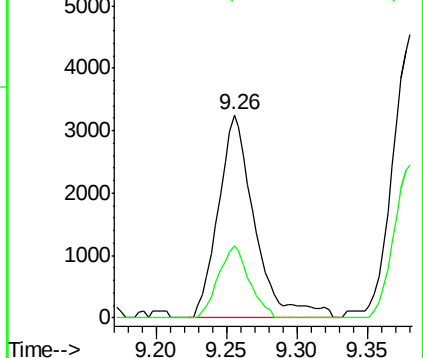


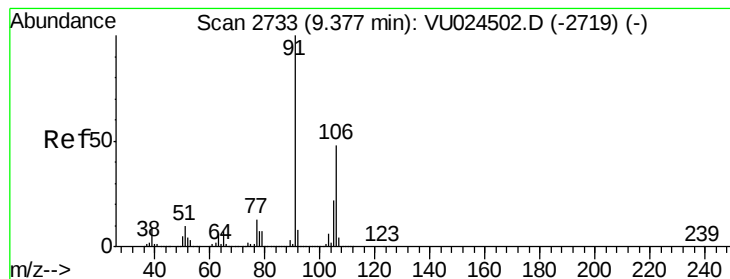
#67
Ethyl Benzene
Concen: 0.462 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU024548.D
Acq: 14 Jun 2018 18:26

Tgt Ion: 91 Resp: 5826
Ion Ratio Lower Upper
91 100
106 35.5 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.846 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU024548.D

Acq: 14 Jun 2018 18:26

Instrument :

MSVOA_U

ClientSampleId :

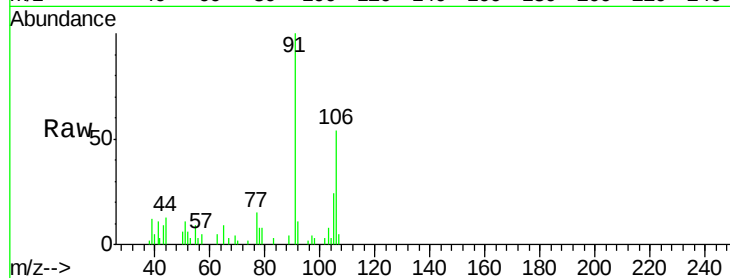
VB-25830-SLUDGEBOX

Tot Ion:106 Resp: 4099

Ion Ratio Lower Upper

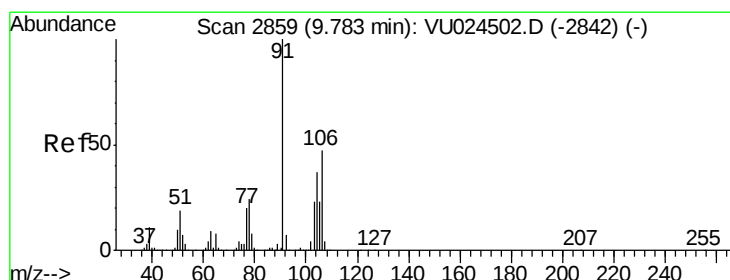
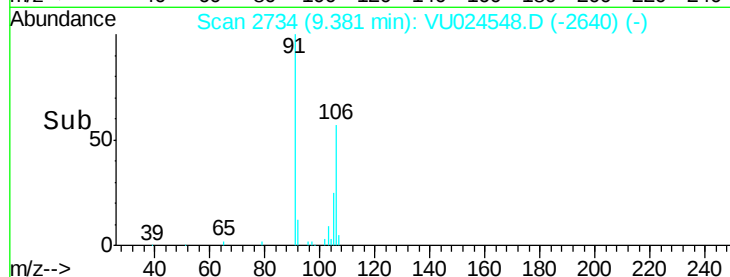
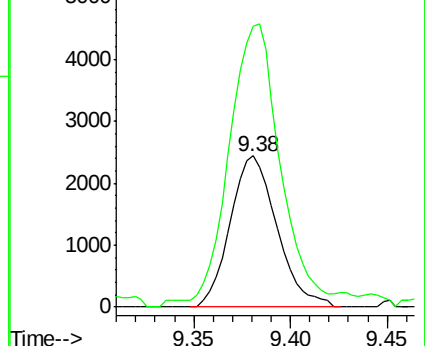
106 100

91 207.5 166.5 249.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 0.434 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. -0.00 min

Lab File: VU024548.D

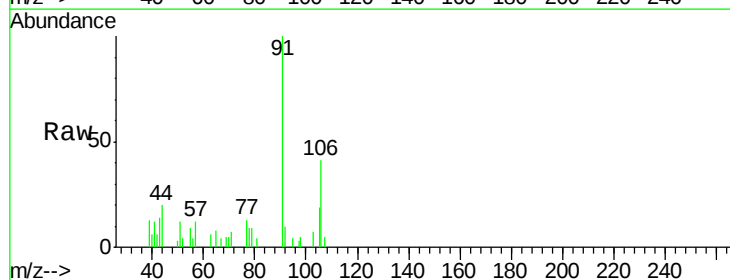
Acq: 14 Jun 2018 18:26

Tgt Ion:106 Resp: 2080

Ion Ratio Lower Upper

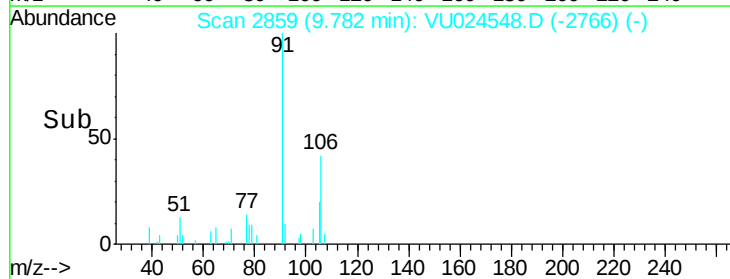
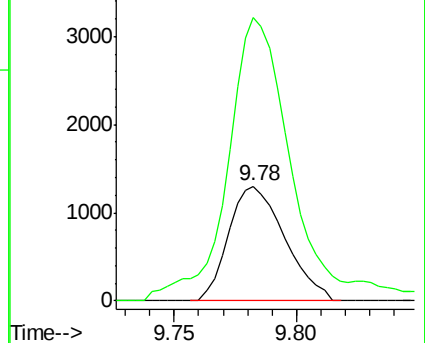
106 100

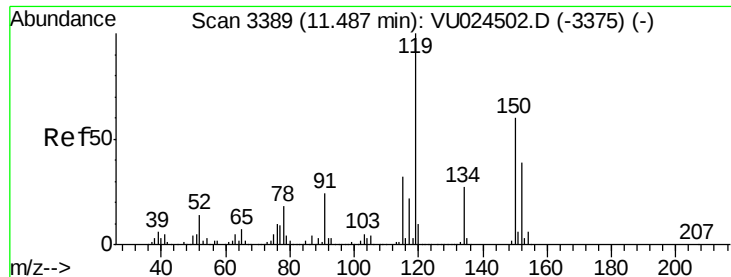
91 281.1 110.7 331.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024548.D

Acq: 14 Jun 2018 18:26

Instrument :

MSVOA_U

ClientSampleId :

VB-25830-SLUDGEBOX

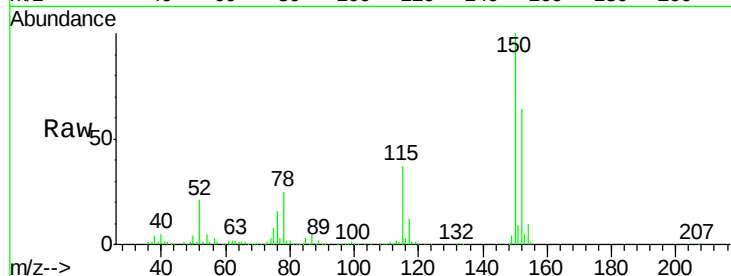
Tot Ion:152 Resp: 167058

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

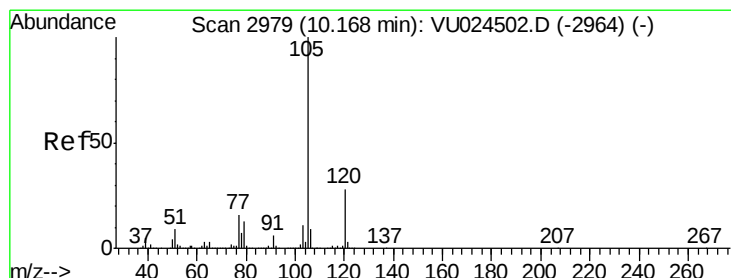
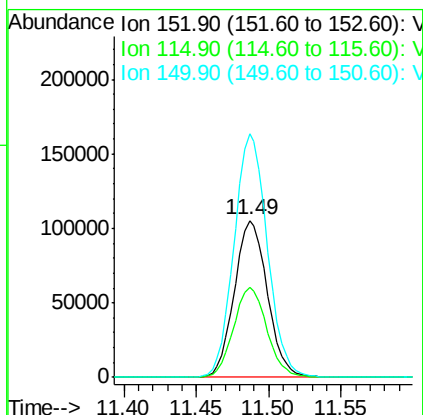
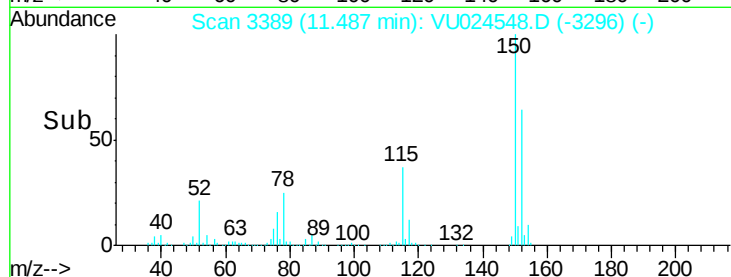
150 156.3 0.0 354.0



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



#73

Isopropylbenzene

Concen: 0.277 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024548.D

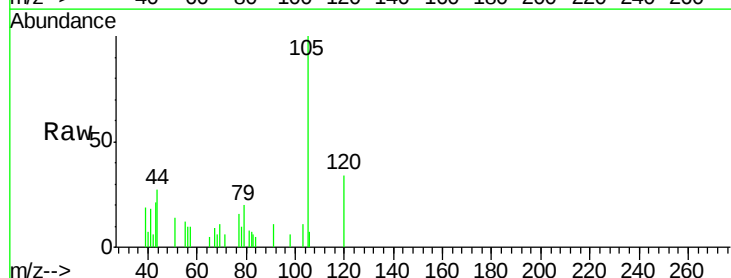
Acq: 14 Jun 2018 18:26

Tgt Ion:105 Resp: 3549

Ion Ratio Lower Upper

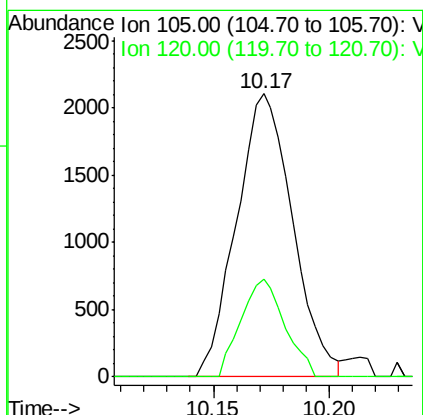
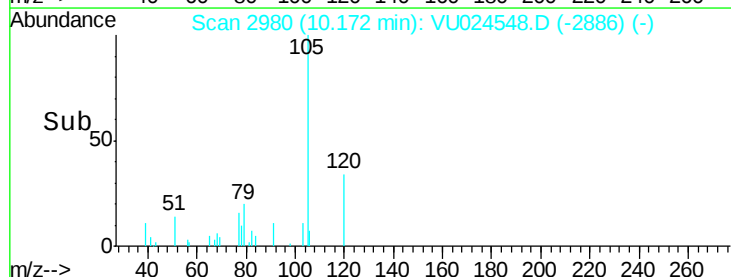
105 100

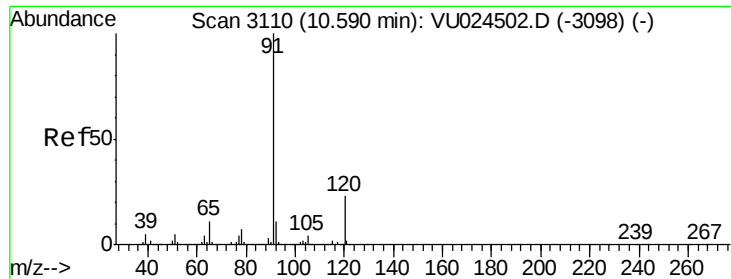
120 27.0 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 0.621 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024548.D

Acq: 14 Jun 2018 18:26

Instrument :

MSVOA_U

ClientSampleId :

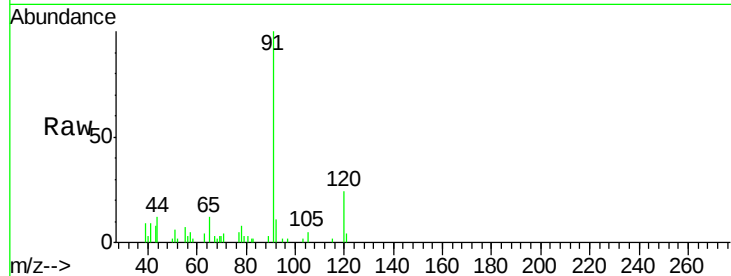
VB-25830-SLUDGEBOX

Tot Ion: 91 Resp: 9387

Ion Ratio Lower Upper

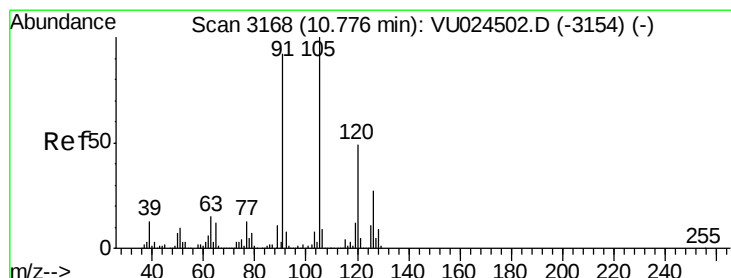
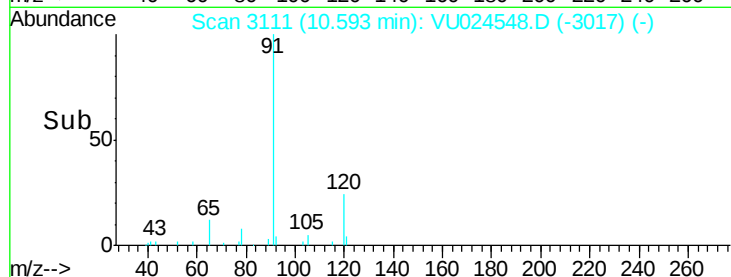
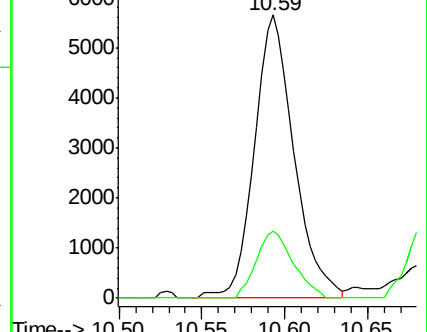
91 100

120 22.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3098) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3098) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.502 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024548.D

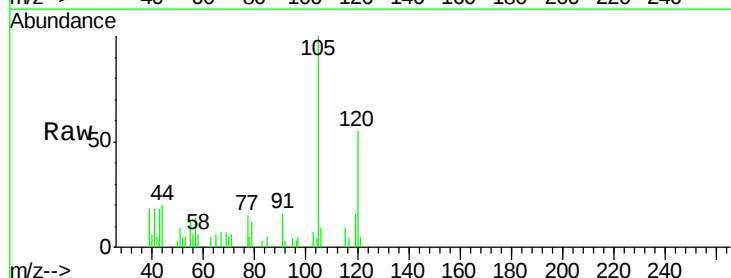
Acq: 14 Jun 2018 18:26

Tgt Ion: 105 Resp: 5584

Ion Ratio Lower Upper

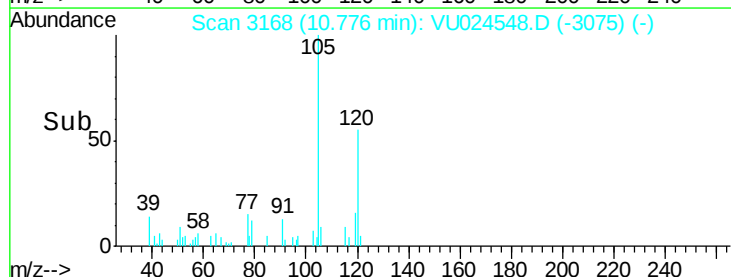
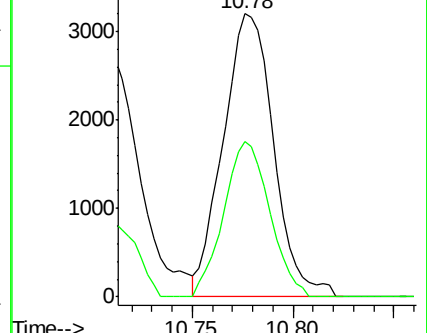
105 100

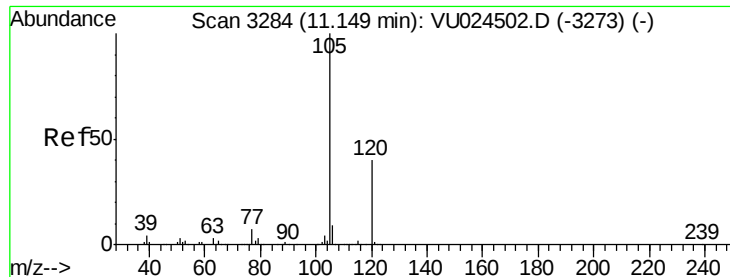
120 50.0 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3154) (-)

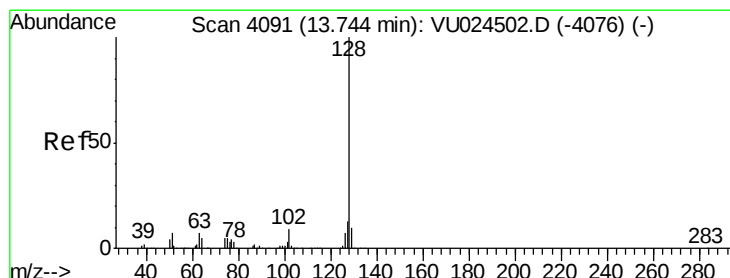
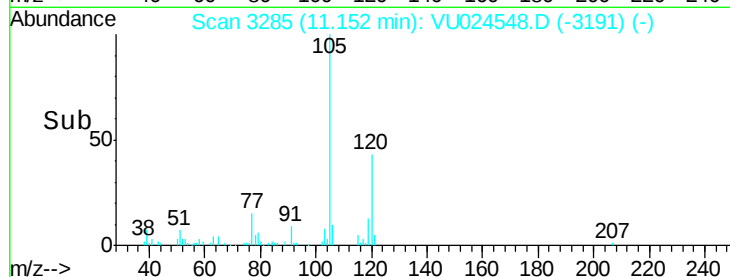
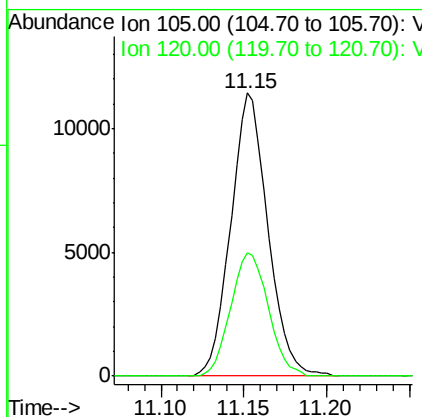
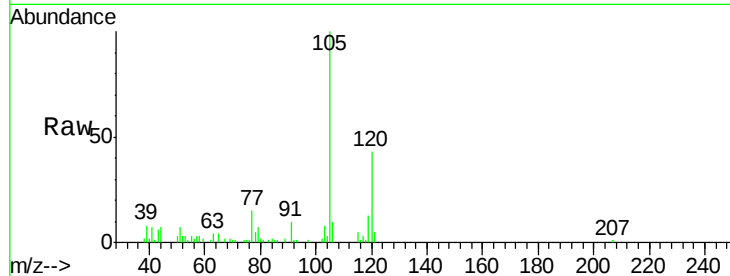




#84
 1,2,4-Trimethylbenzene
 Concen: 1.567 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024548.D
 Acq: 14 Jun 2018 18:26

Instrument :
 MSVOA_U
 ClientSampleId :
 VB-25830-SLUDGEBOX

Tot Ion:105 Resp: 17749
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.8



#95
 Naphthalene
 Concen: 3.627 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU024548.D
 Acq: 14 Jun 2018 18:26

Tgt Ion:128 Resp: 36713
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.6 16.0
 129 11.5 8.6 12.8

