

Data File : VU024886.D
Acq On : 25 Jun 2018 19:46
Operator : MD/SY
Sample : J3663-02ME
Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB472-13-15-180618ME

Quant Time: Jul 03 04:16:41 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	220402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	337910	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	334631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	196817	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	163458	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
35) Dibromofluoromethane	4.88	113	129875	46.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.62%	
50) Toluene-d8	7.57	98	493085	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	10.32	95	209293	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	

Target Compounds

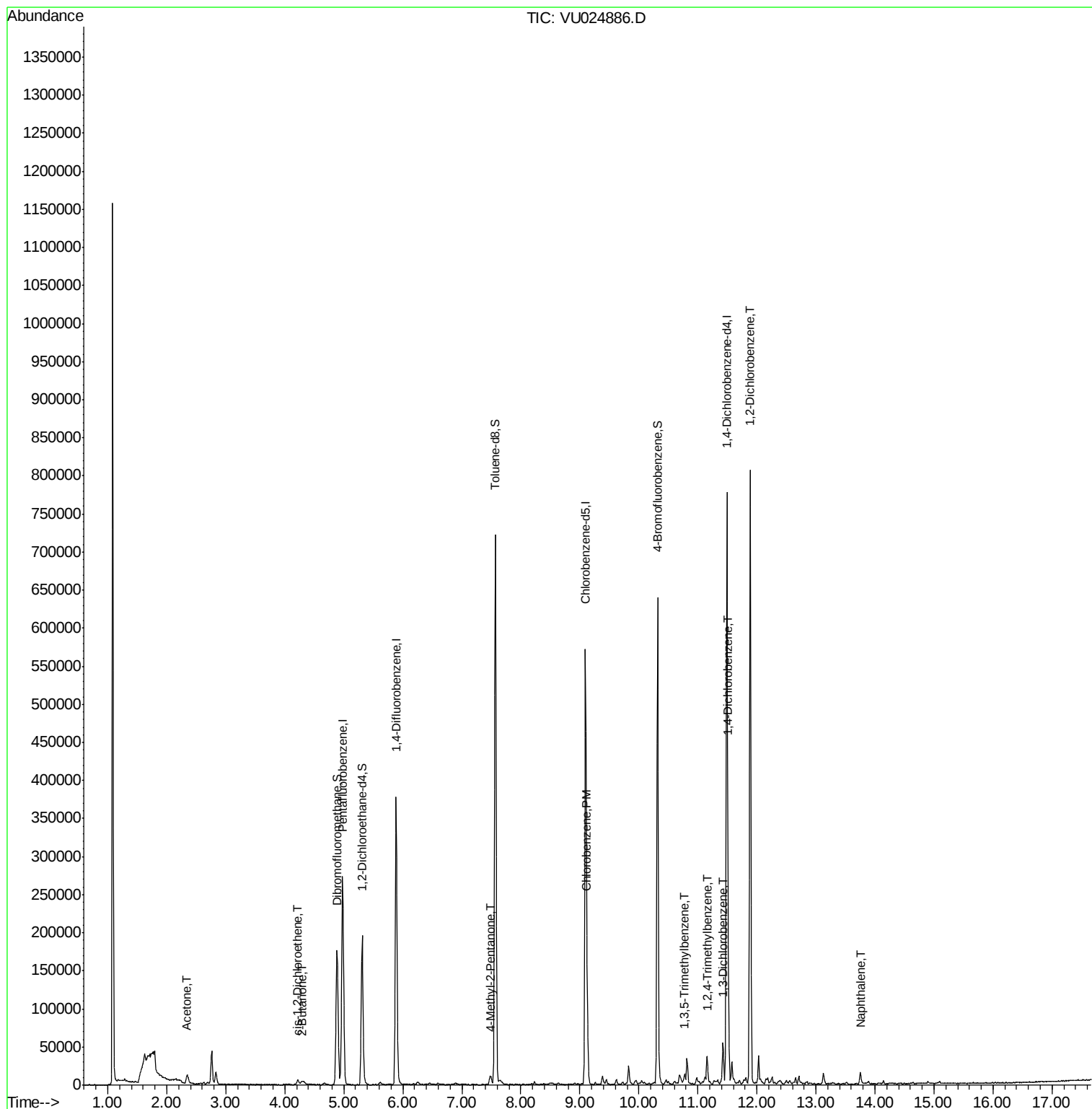
						Qvalue
16) Acetone	2.34	43	16058	8.306	ug/l	99
25) 2-Butanone	4.29	43	8188	3.153	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	3595	1.131	ug/l	92
51) 4-Methyl-2-Pentanone	7.48	43	11282	2.401	ug/l	93
65) Chlorobenzene	9.13	112	49487	5.789	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	7279	0.556	ug/l	99
84) 1,2,4-Trimethylbenzene	11.16	105	19828	1.486	ug/l	97
87) 1,3-Dichlorobenzene	11.43	146	20773	2.939	ug/l	97
88) 1,4-Dichlorobenzene	11.51	146	43099	6.059	ug/l	96
91) 1,2-Dichlorobenzene	11.89	146	314264	44.393	ug/l	99
95) Naphthalene	13.75	128	15132	1.711	ug/l	97

(#) = 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# 1365

Delta R.T. -0.01 min

Lab File: VU024886.D

Acq: 25 Jun 2018 19:46

Instrument :

MSVOA_U

ClientSampleId :

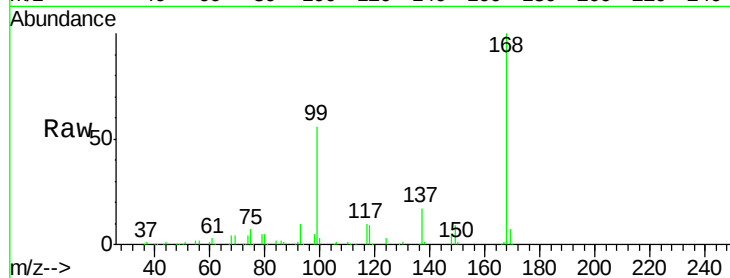
WP021SB472-13-15-180618ME

Tgt Ion:168 Resp: 220402

Ion Ratio Lower Upper

168 100

99 55.6 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) (-)

4.98

100000

80000

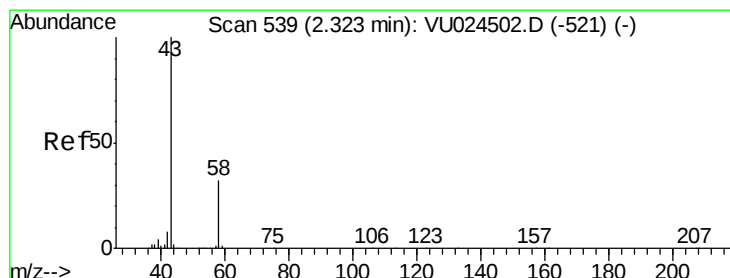
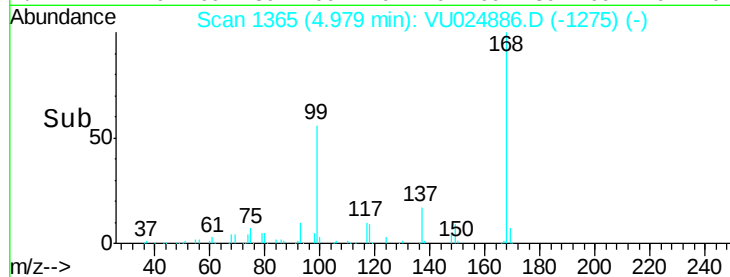
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.306 ug/l

RT: 2.34 min Scan# 545

Delta R.T. 0.02 min

Lab File: VU024886.D

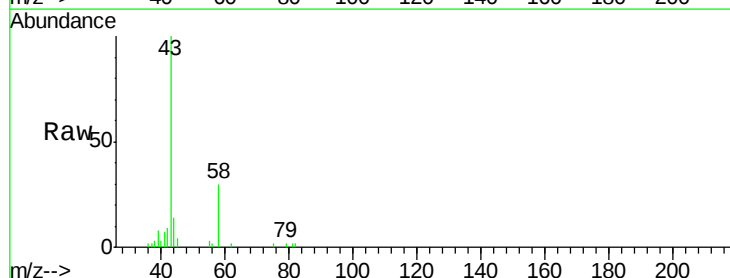
Acq: 25 Jun 2018 19:46

Tgt Ion: 43 Resp: 16058

Ion Ratio Lower Upper

43 100

58 31.2 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) (-)

2.34

8000

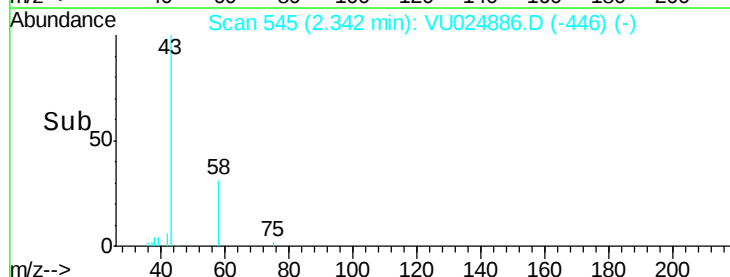
6000

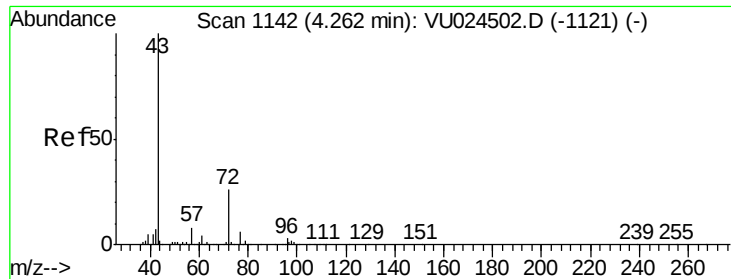
4000

2000

0

Time-->

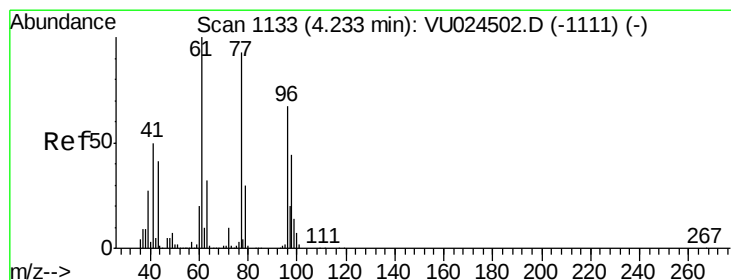
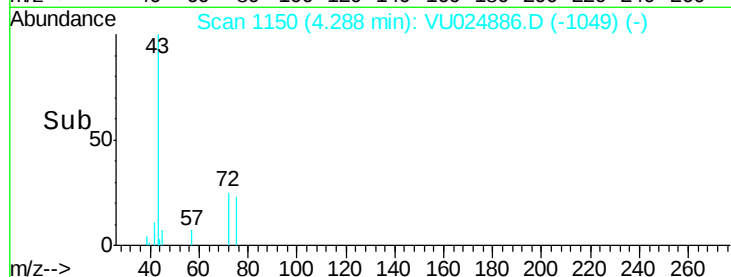
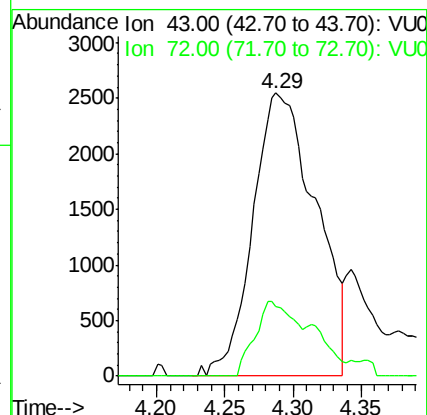
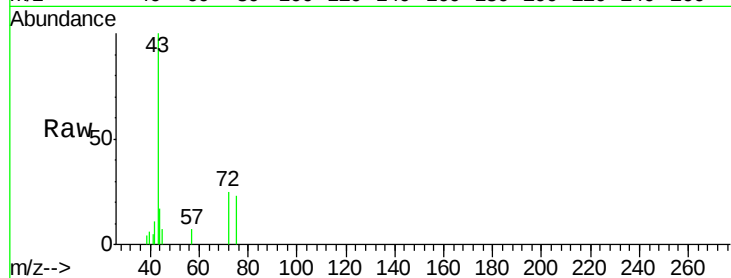




#25
2-Butanone
Concen: 3.153 ug/l
RT: 4.29 min Scan# 1150
Delta R.T. 0.03 min
Lab File: VU024886.D
Acq: 25 Jun 2018 19:46

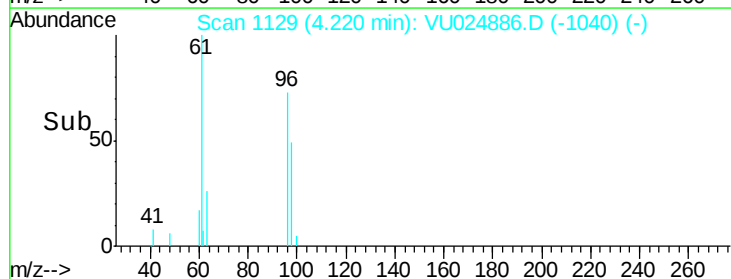
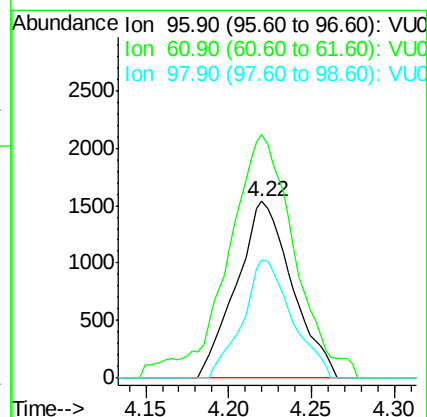
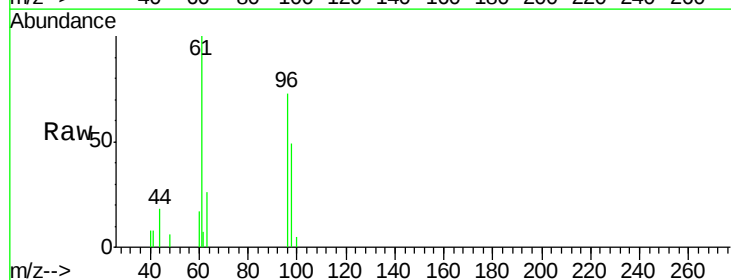
Instrument :
MSVOA_U
ClientSampleId :
WP021SB472-13-15-180618ME

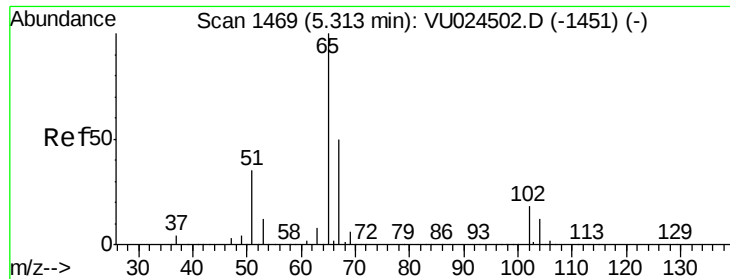
Tgt Ion: 43 Resp: 8188
Ion Ratio Lower Upper
43 100
72 24.7 19.6 29.4



#27
cis-1,2-Dichloroethene
Concen: 1.131 ug/l
RT: 4.22 min Scan# 1129
Delta R.T. -0.01 min
Lab File: VU024886.D
Acq: 25 Jun 2018 19:46

Tgt Ion: 96 Resp: 3595
Ion Ratio Lower Upper
96 100
61 165.0 0.0 306.6
98 58.9 0.0 128.8

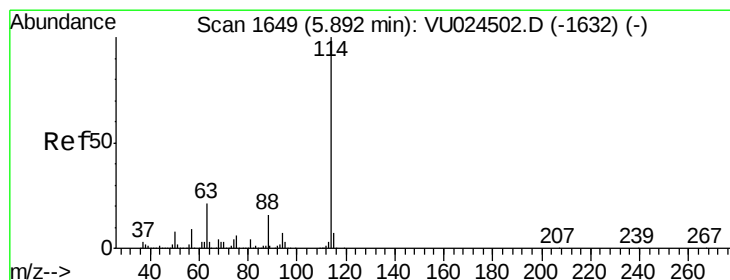
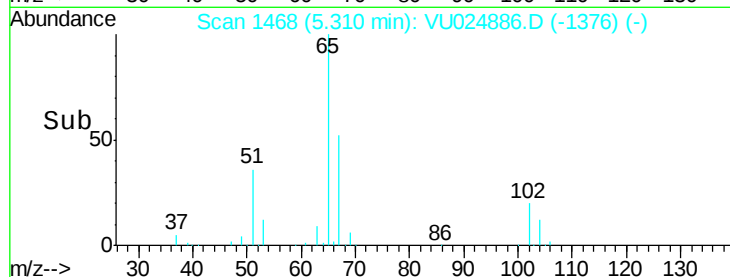
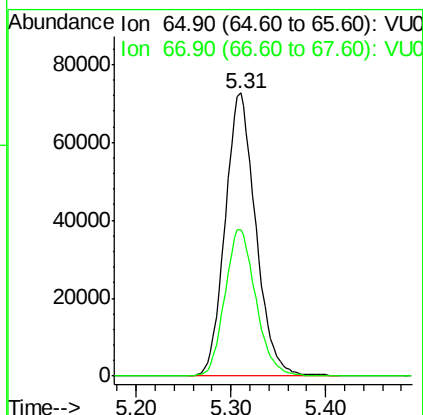
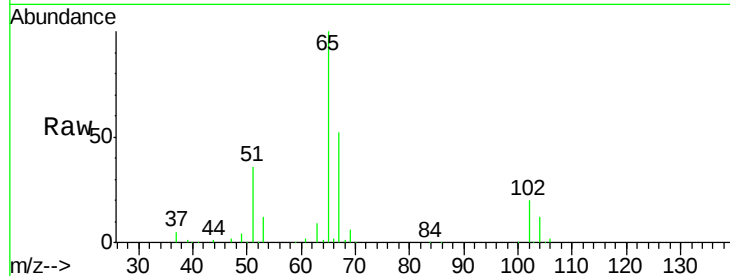




#33
 1,2-Dichloroethane-d4
 Concen: 45.429 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU024886.D
 Acq: 25 Jun 2018 19:46

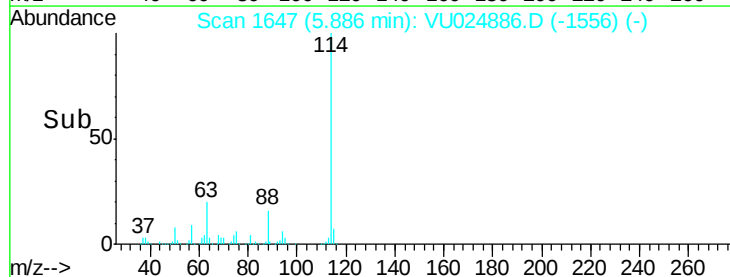
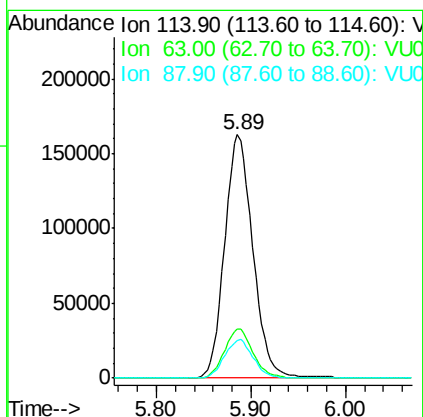
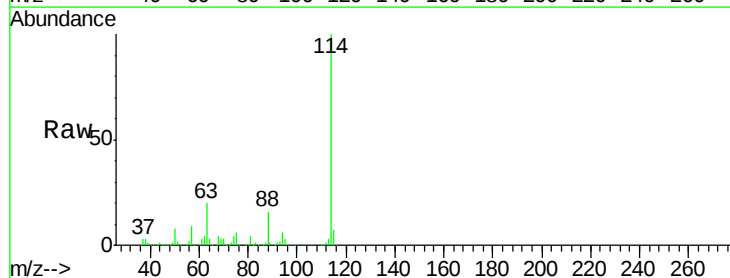
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB472-13-15-180618ME

Tgt Ion: 65 Resp: 163458
 Ion Ratio Lower Upper
 65 100
 67 52.4 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: VU024886.D
 Acq: 25 Jun 2018 19:46

Tgt Ion: 114 Resp: 337910
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.4
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 46.311 ug/l

RT: 4.88 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU024886.D

Acq: 25 Jun 2018 19:46

Instrument :

MSVOA_U

ClientSampleId :

WP021SB472-13-15-180618ME

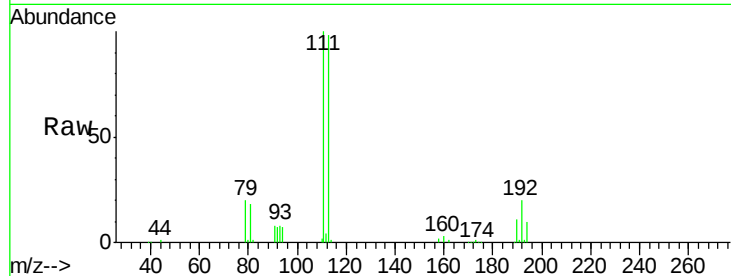
Tgt Ion:113 Resp: 129875

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

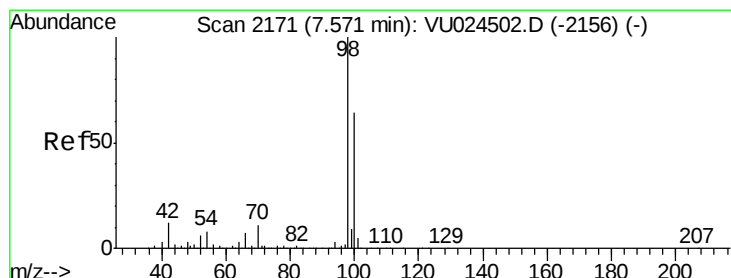
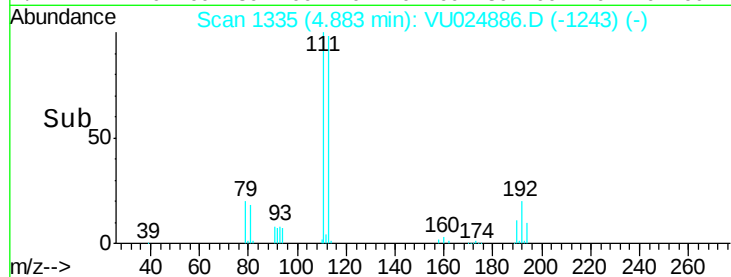
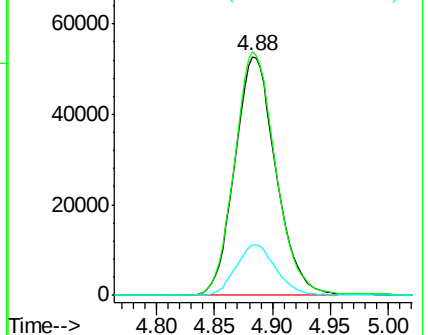
192 20.6 16.2 24.4



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



#50

Toluene-d8

Concen: 48.203 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024886.D

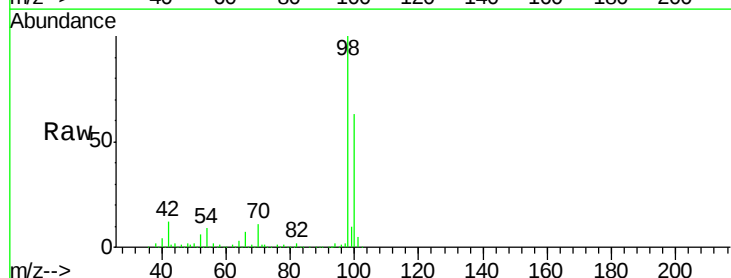
Acq: 25 Jun 2018 19:46

Tgt Ion: 98 Resp: 493085

Ion Ratio Lower Upper

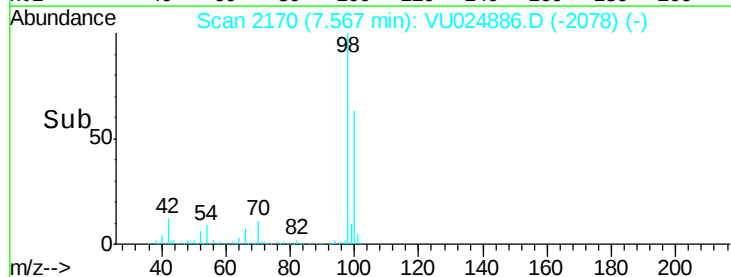
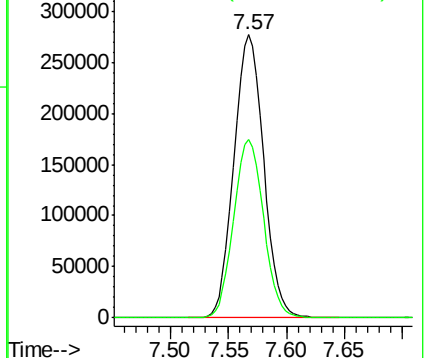
98 100

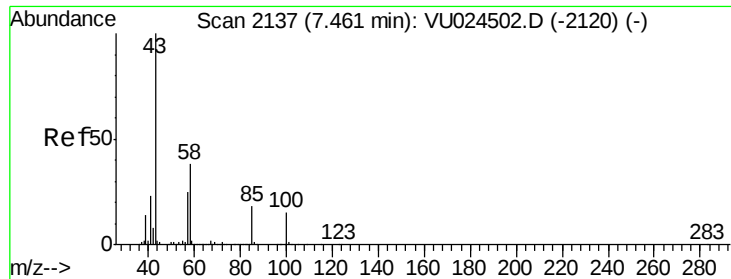
100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 2.401 ug/l

RT: 7.48 min Scan# 2144

Delta R.T. 0.02 min

Lab File: VU024886.D

Acq: 25 Jun 2018 19:46

Instrument :

MSVOA_U

ClientSampleId :

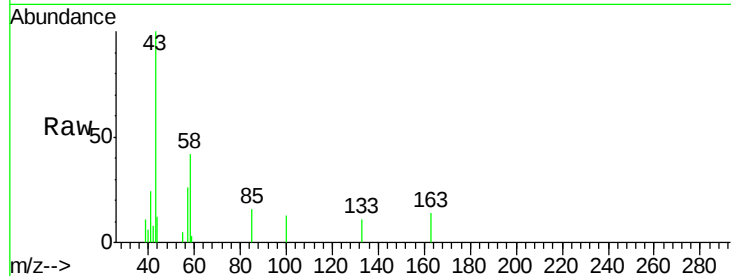
WP021SB472-13-15-180618ME

Tgt Ion: 43 Resp: 11282

Ion Ratio Lower Upper

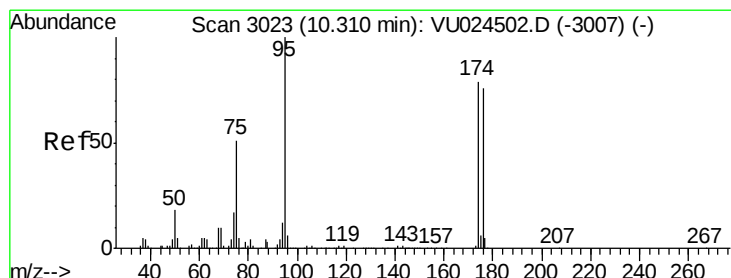
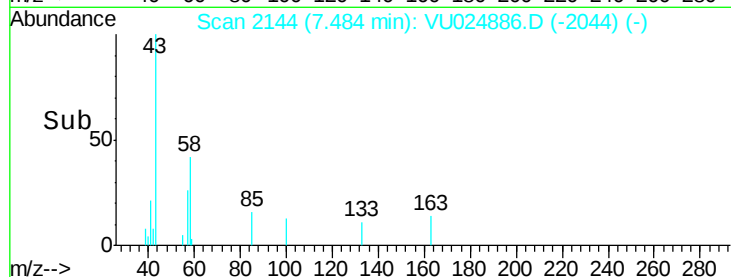
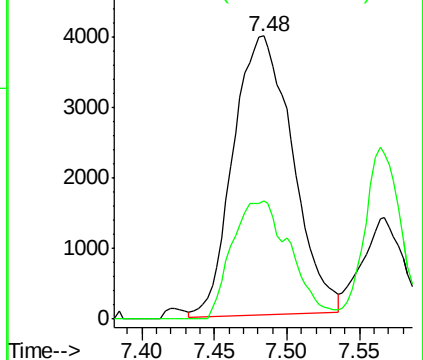
43 100

58 41.9 30.0 45.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 51.532 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024886.D

Acq: 25 Jun 2018 19:46

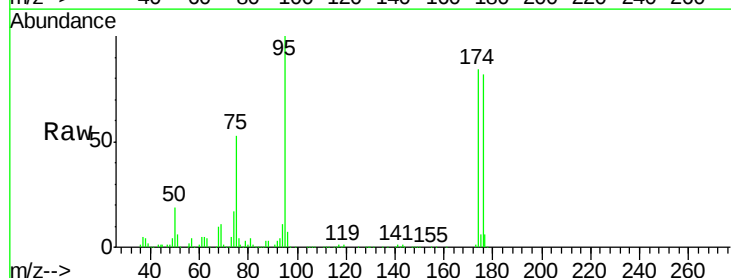
Tgt Ion: 95 Resp: 209293

Ion Ratio Lower Upper

95 100

174 84.2 0.0 165.8

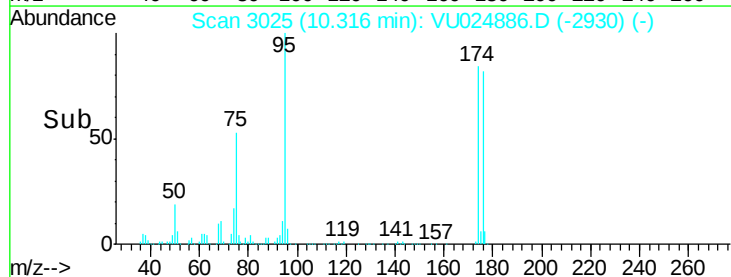
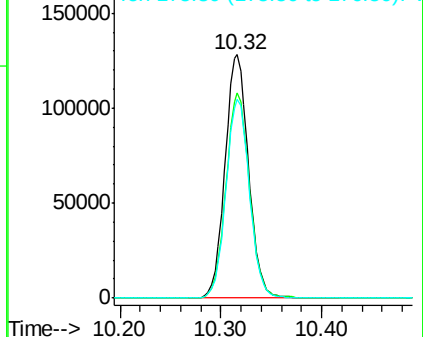
176 81.3 0.0 159.4

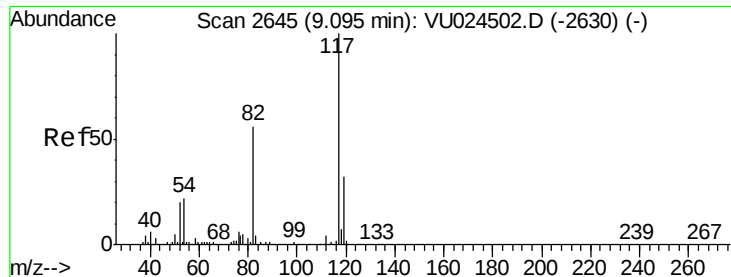


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

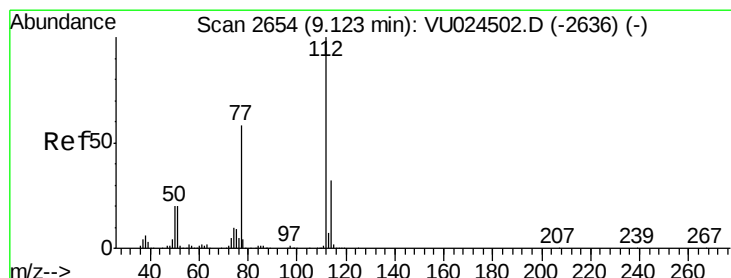
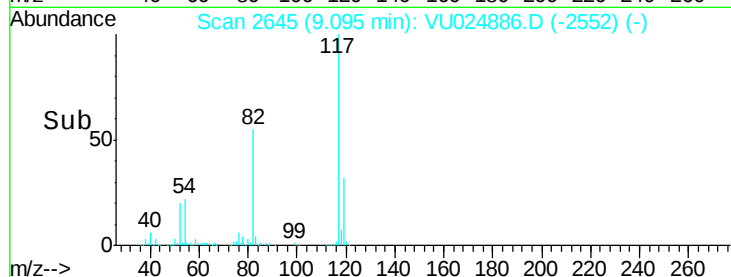
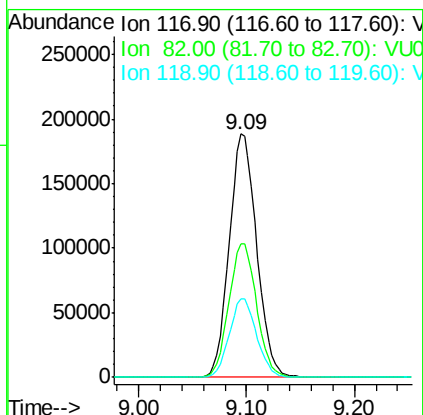
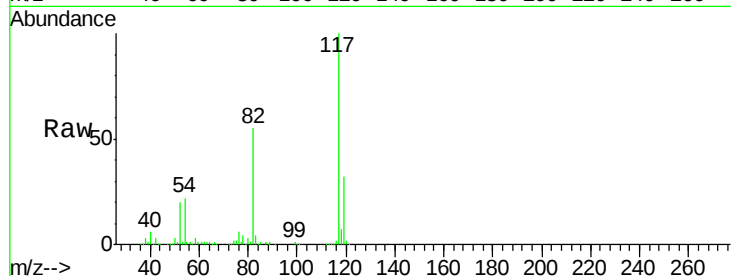




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024886.D
Acq: 25 Jun 2018 19:46

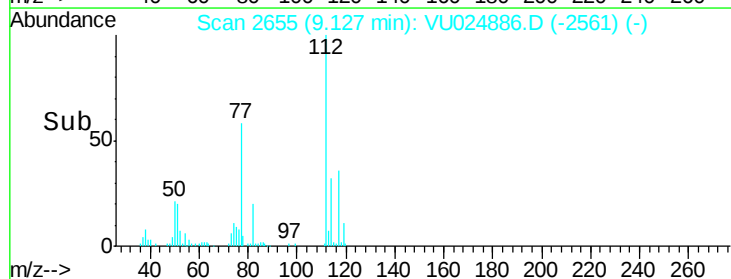
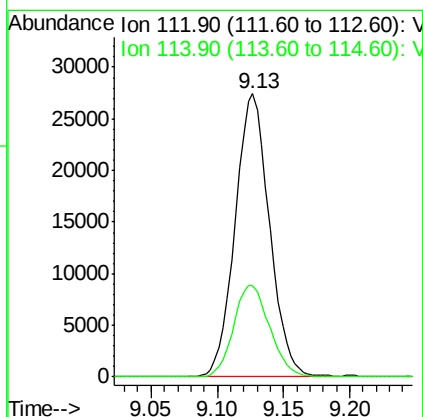
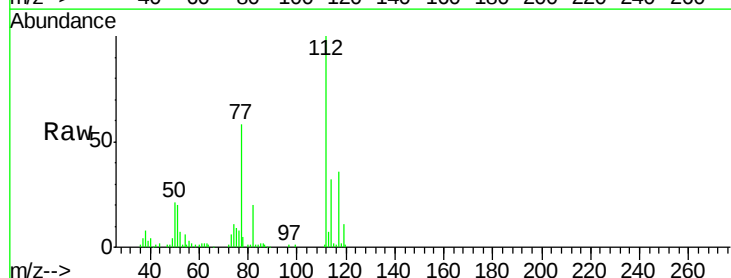
Instrument :
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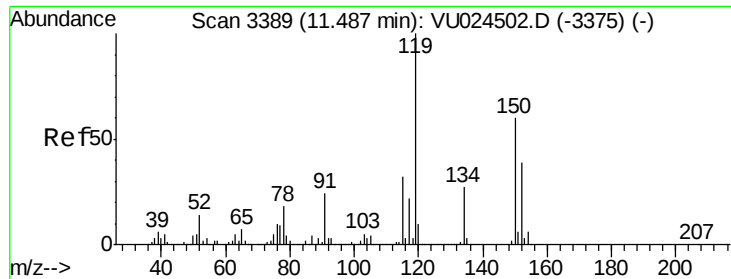
Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.3	66.5
119	32.3	25.4	38.2



#65
Chlorobenzene
Concen: 5.789 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU024886.D
Acq: 25 Jun 2018 19:46

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	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: VU024886.D

Acq: 25 Jun 2018 19:46

Instrument :

MSVOA_U

ClientSampleId :

WP021SB472-13-15-180618ME

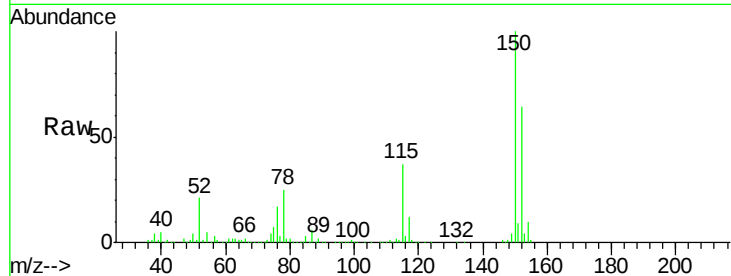
Tgt Ion:152 Resp: 196817

Ion Ratio Lower Upper

152 100

115 58.1 43.0 129.0

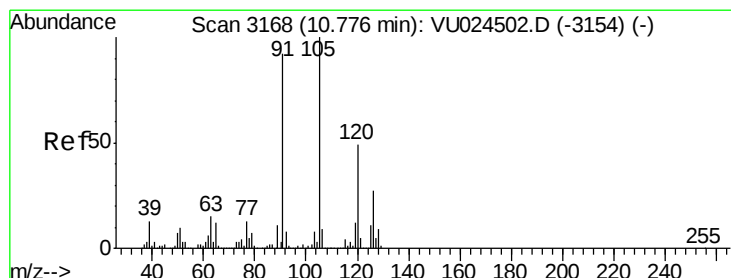
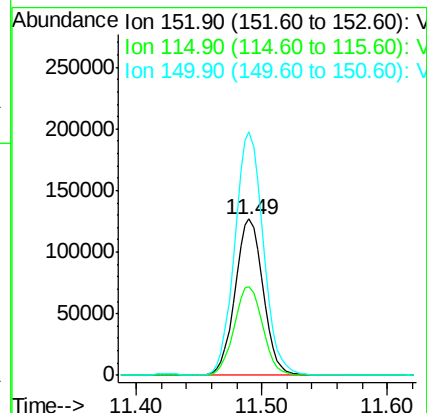
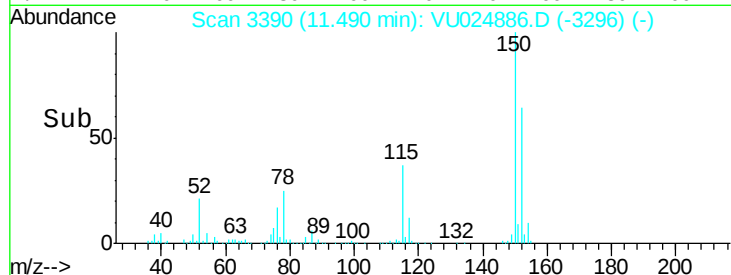
150 158.3 0.0 354.0



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



#80

1,3,5-Trimethylbenzene

Concen: 0.556 ug/l

RT: 10.78 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VU024886.D

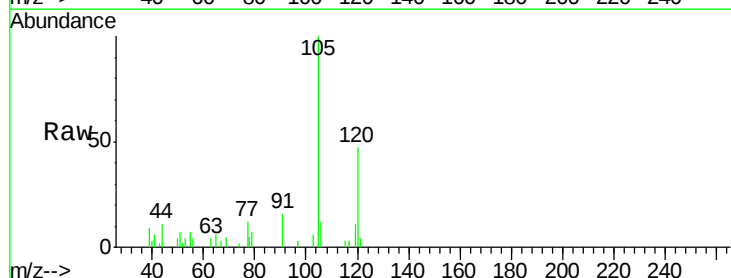
Acq: 25 Jun 2018 19:46

Tgt Ion:105 Resp: 7279

Ion Ratio Lower Upper

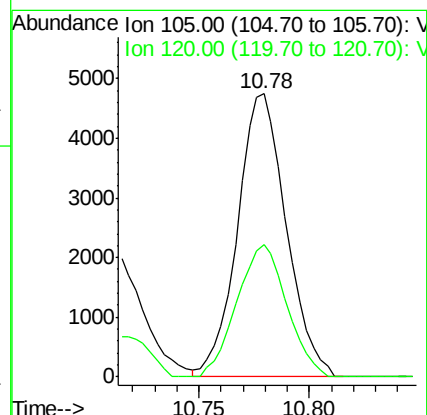
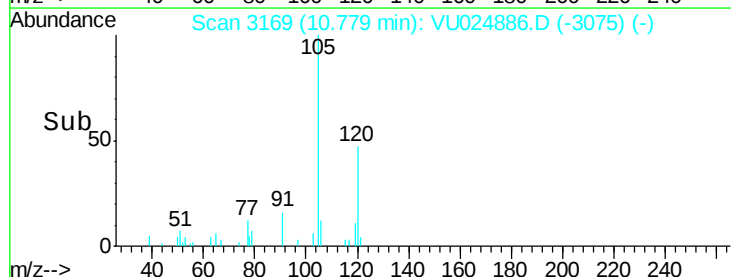
105 100

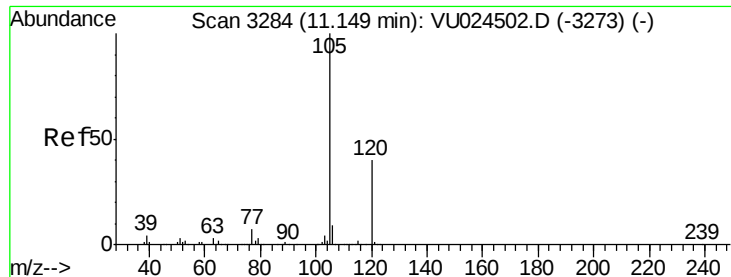
120 47.8 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

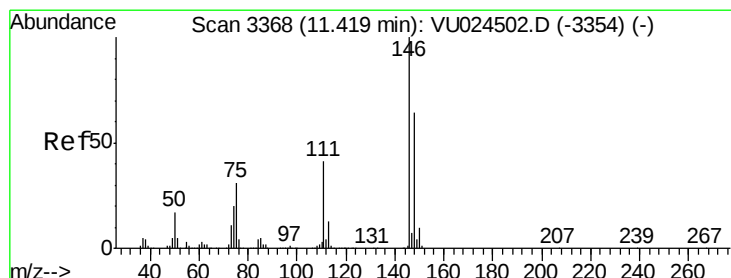
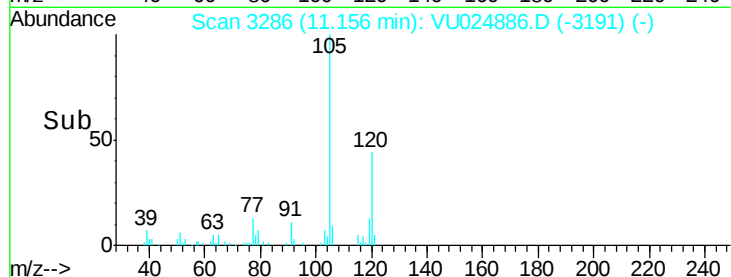
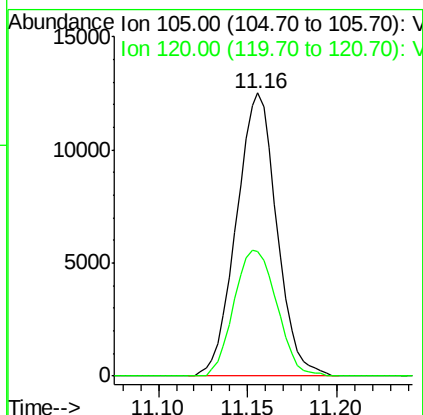
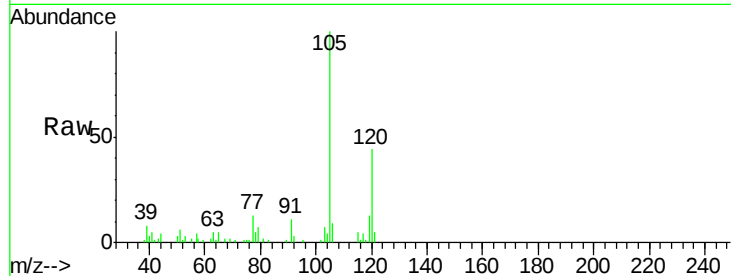




#84
 1,2,4-Trimethylbenzene
 Concen: 1.486 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU024886.D
 Acq: 25 Jun 2018 19:46

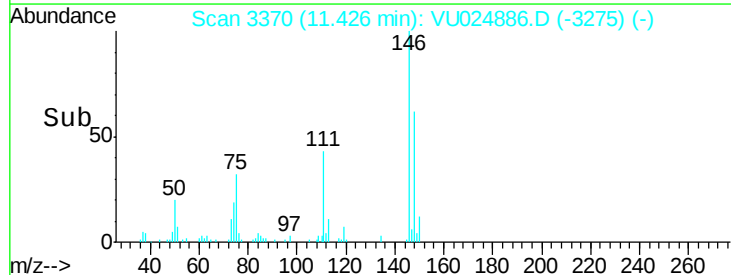
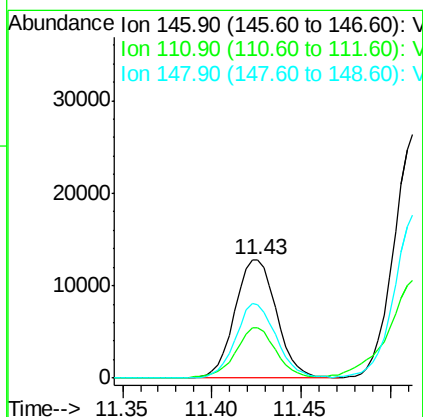
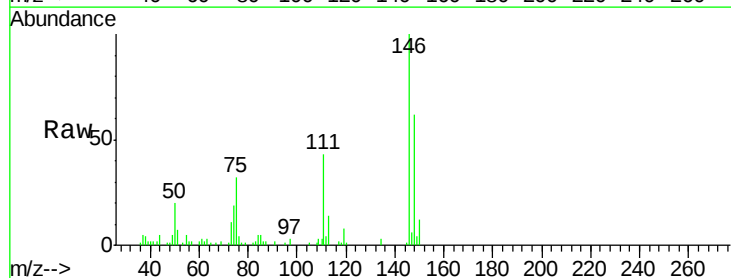
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB472-13-15-180618ME

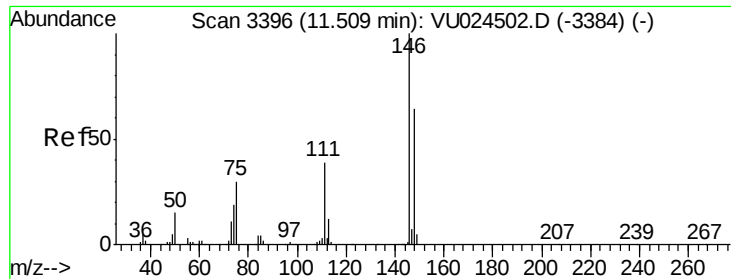
Tgt Ion:105 Resp: 19828
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.6 67.8



#87
 1,3-Dichlorobenzene
 Concen: 2.939 ug/l
 RT: 11.43 min Scan# 3370
 Delta R.T. 0.01 min
 Lab File: VU024886.D
 Acq: 25 Jun 2018 19:46

Tgt Ion:146 Resp: 20773
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.0 60.0
 148 61.3 32.1 96.5

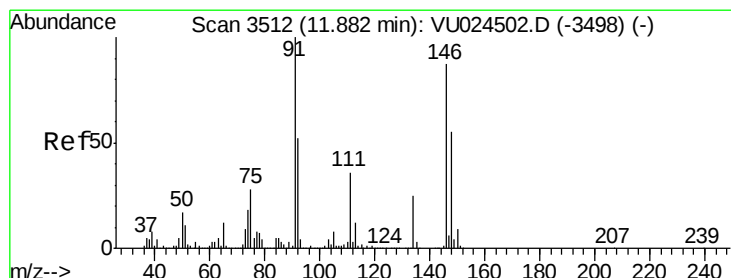
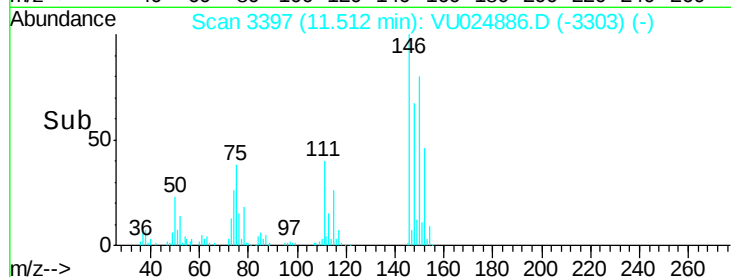
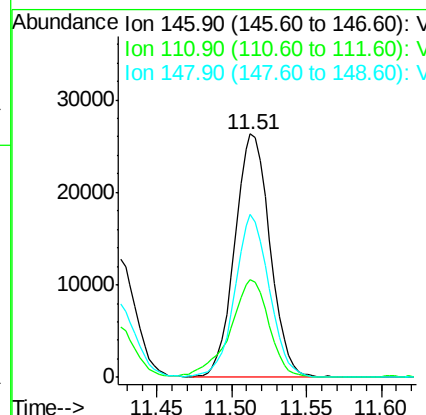
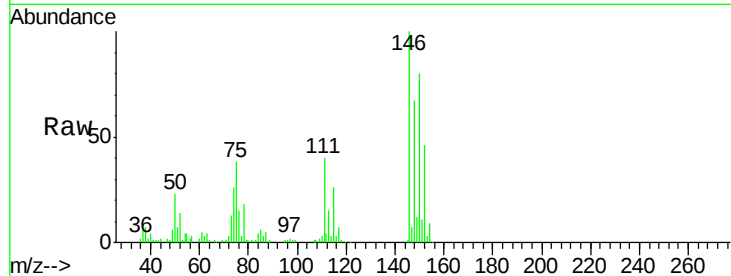




#88
 1,4-Dichlorobenzene
 Concen: 6.059 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU024886.D
 Acq: 25 Jun 2018 19:46

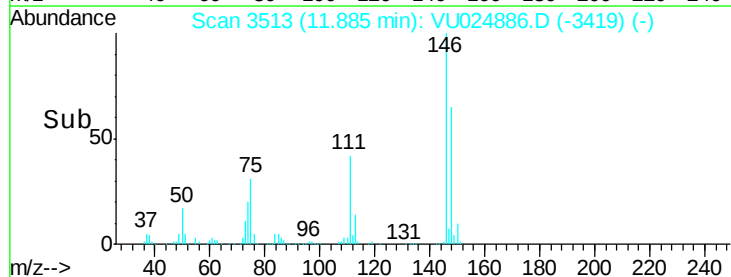
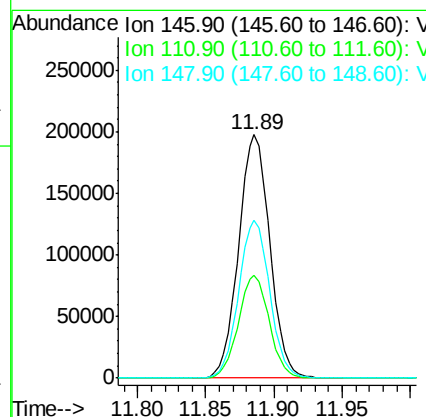
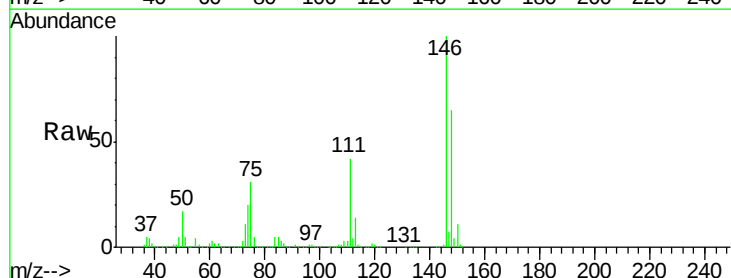
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB472-13-15-180618ME

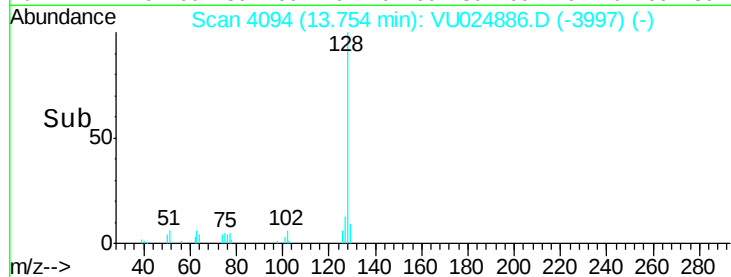
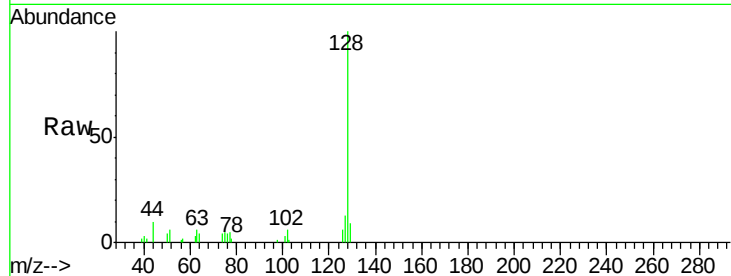
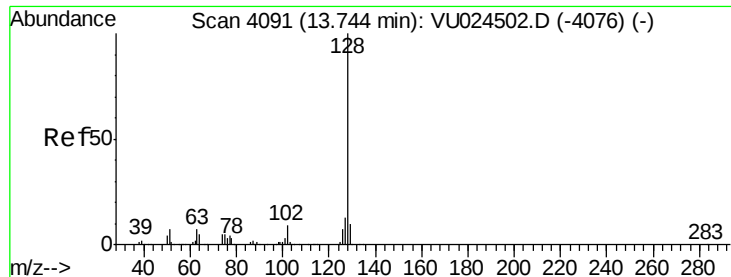
Tgt Ion:146 Resp: 43099
 Ion Ratio Lower Upper
 146 100
 111 44.6 19.5 58.5
 148 65.6 32.4 97.0



#91
 1,2-Dichlorobenzene
 Concen: 44.393 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU024886.D
 Acq: 25 Jun 2018 19:46

Tgt Ion:146 Resp: 314264
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.5 61.6
 148 64.5 31.9 95.7





#95

Naphthalene

Concen: 1.711 ug/l

RT: 13.75 min Scan# 4094

Delta R.T. 0.01 min

Lab File: VU024886.D

Acq: 25 Jun 2018 19:46

Instrument :

MSVOA_U

ClientSampleId :

WP021SB472-13-15-180618ME

Tgt Ion:128 Resp: 15132

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 9.6 8.6 12.8

