

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112918\
 Data File : VU028398.D
 Acq On : 29 Nov 2018 16:57
 Operator : MD/SY
 Sample : J6083-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-2

Quant Time: Nov 30 07:52:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	248799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	475263	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	442693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	214100	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	219516	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
35) Dibromofluoromethane	4.88	113	157730	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	7.57	98	635427	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	10.30	95	230181	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	

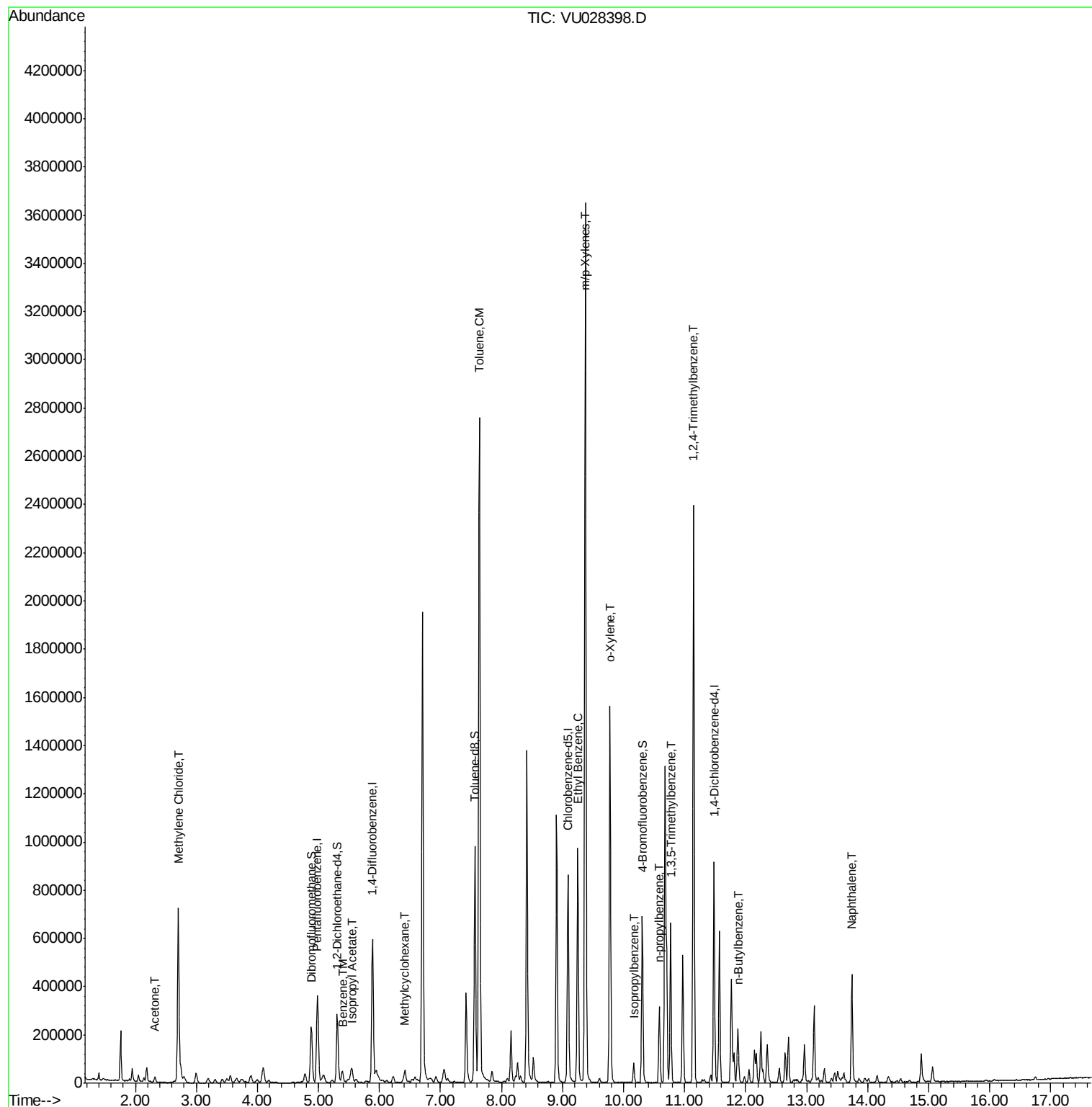
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	26496	10.417	ug/l	94
20) Methylene Chloride	2.70	84	272388	75.963	ug/l	96
39) Methylcyclohexane	6.42	83	12477	2.035	ug/l	96
40) Benzene	5.39	78	45984	2.985	ug/l	100
43) Isopropyl Acetate	5.55	43	34023	3.029	ug/l #	94
52) Toluene	7.64	92	1116572	125.882	ug/l	100
67) Ethyl Benzene	9.25	91	685608	39.601	ug/l	98
68) m/p-Xylenes	9.37	106	956012	153.417	ug/l	100
69) o-Xylene	9.78	106	376437	60.768	ug/l	99
73) Isopropylbenzene	10.17	105	49684	2.984	ug/l	100
78) n-propylbenzene	10.58	91	242438	11.802	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	342777	24.428	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	1250977	88.016	ug/l	99
89) n-Butylbenzene	11.88	91	38543	2.795	ug/l #	22
95) Naphthalene	13.74	128	336537	20.453	ug/l	100

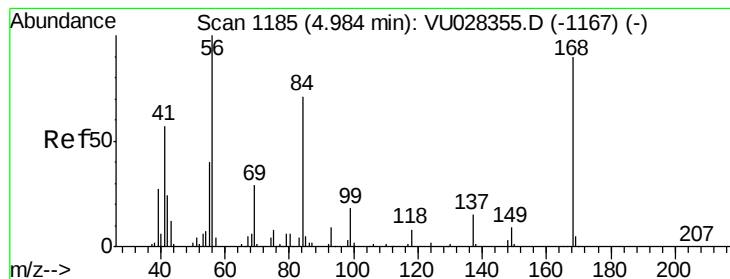
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

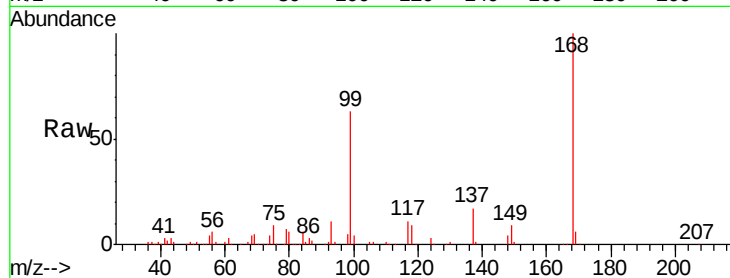
WC-2

Tgt Ion:168 Resp: 248799

Ion Ratio Lower Upper

168 100

99 62.7 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

120000

100000

80000

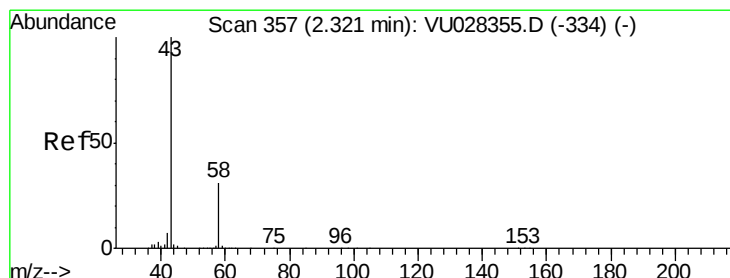
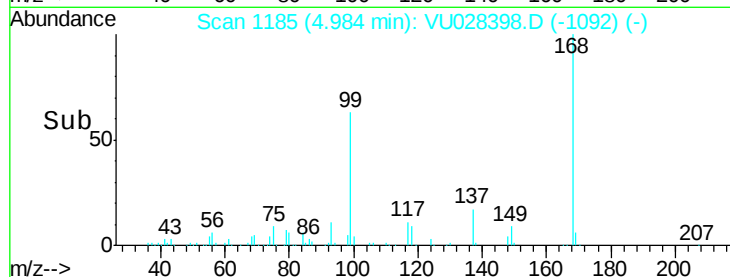
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.417 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028398.D

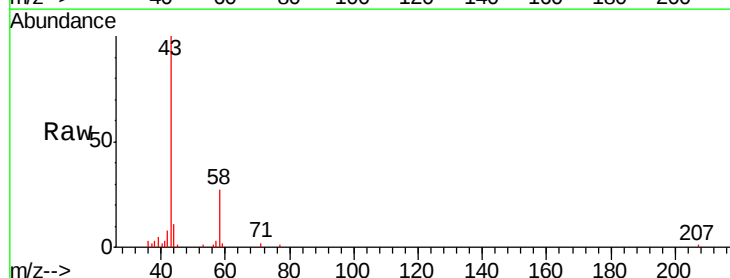
Acq: 29 Nov 2018 16:57

Tgt Ion: 43 Resp: 26496

Ion Ratio Lower Upper

43 100

58 27.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

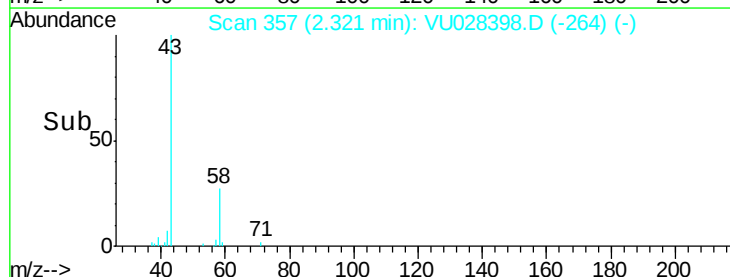
15000

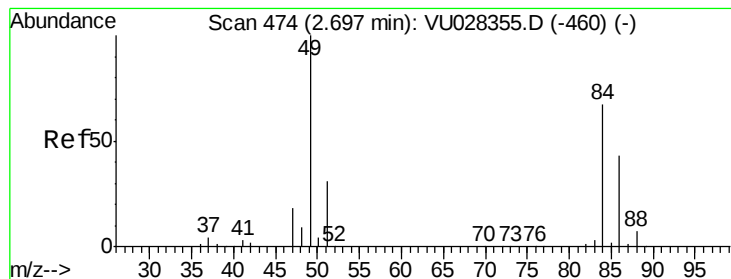
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 75.963 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

WC-2

Tgt Ion: 84 Resp: 272388

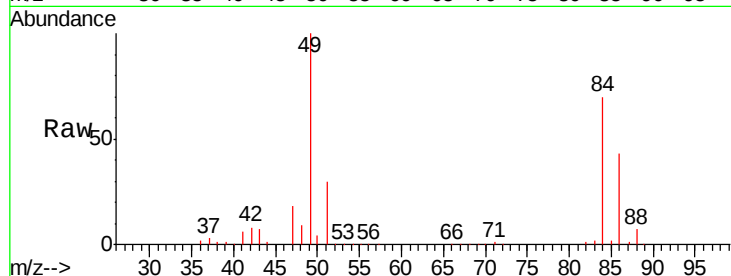
Ion Ratio Lower Upper

84 100

49 144.2 120.0 180.0

51 43.5 36.9 55.3

86 62.5 51.1 76.7

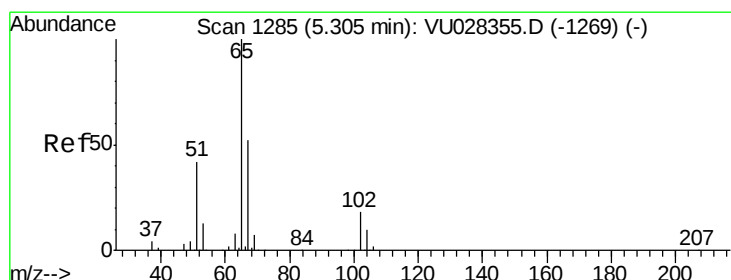
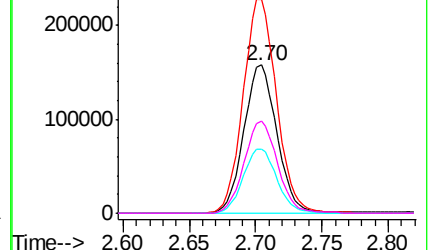
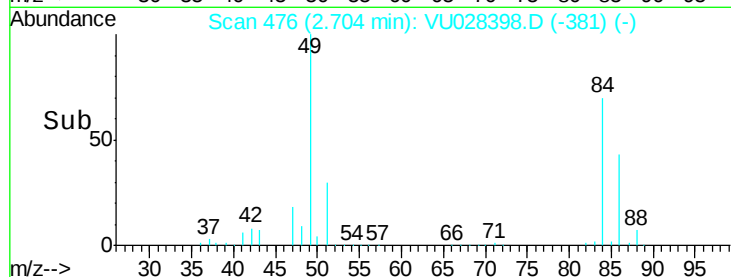


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 52.793 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028398.D

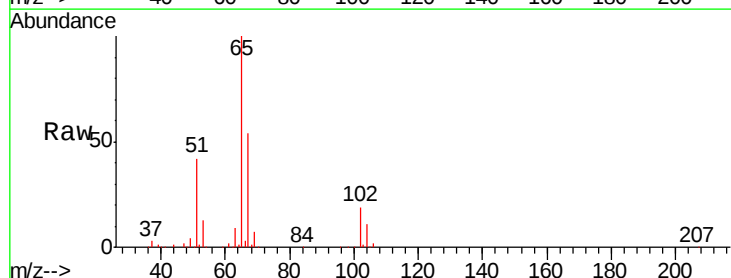
Acq: 29 Nov 2018 16:57

Tgt Ion: 65 Resp: 219516

Ion Ratio Lower Upper

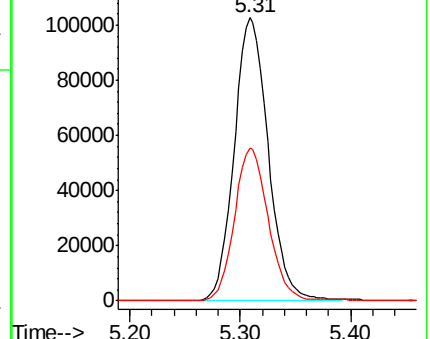
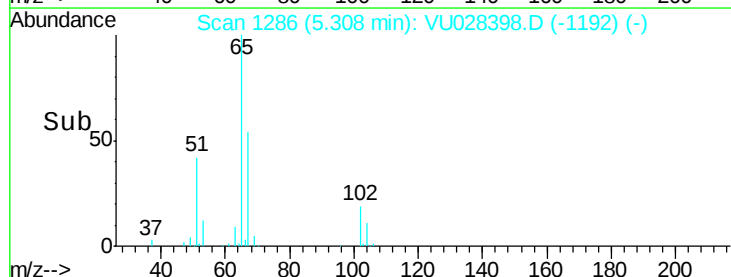
65 100

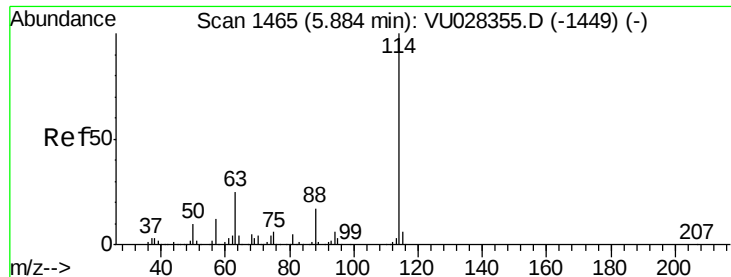
67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

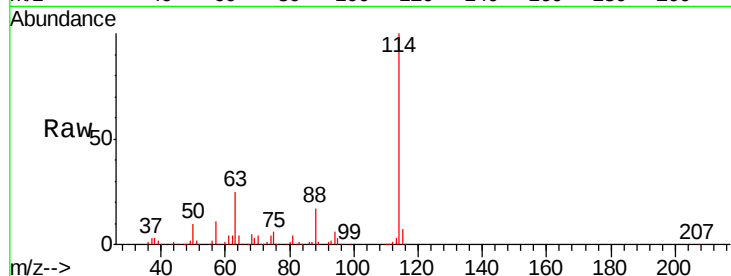




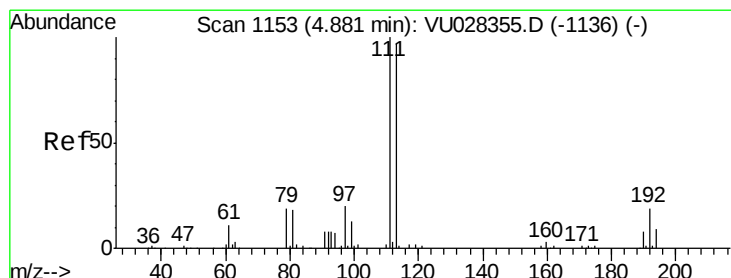
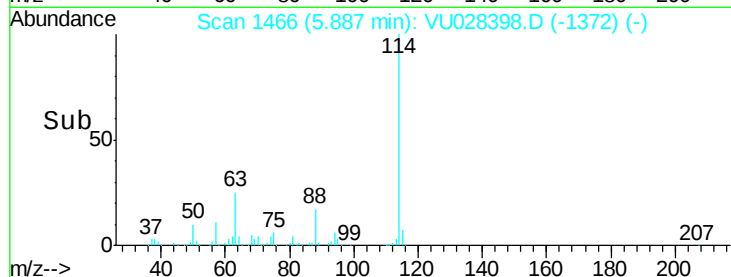
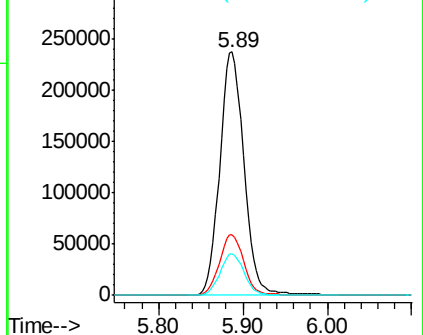
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-2

Tgt Ion:114 Resp: 475263
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 50.0
 88 17.1 0.0 34.4

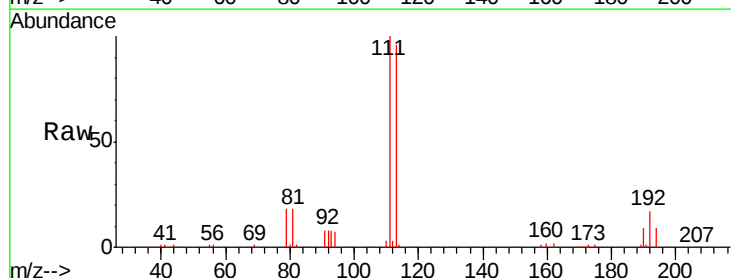


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

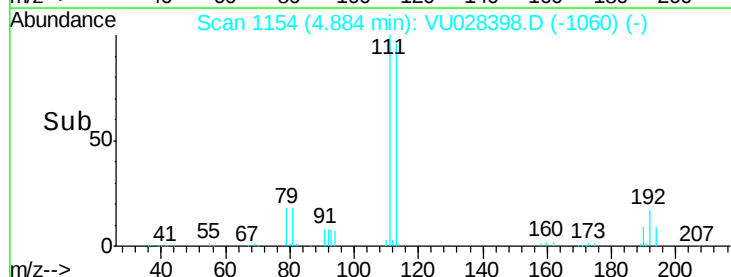
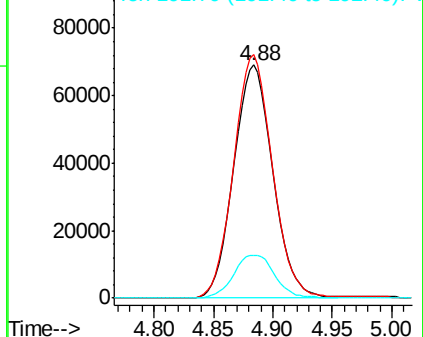


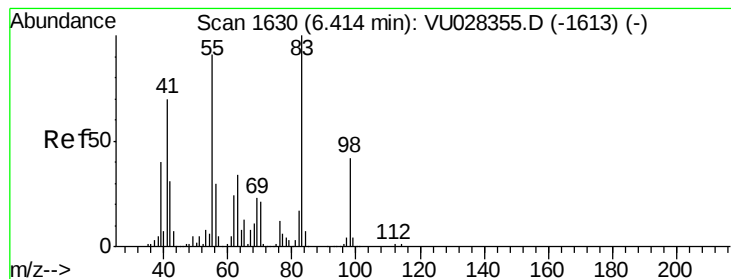
#35
 Dibromofluoromethane
 Concen: 49.910 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Tgt Ion:113 Resp: 157730
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 19.2 15.4 23.0



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

Methylcyclohexane

Concen: 2.035 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

WC-2

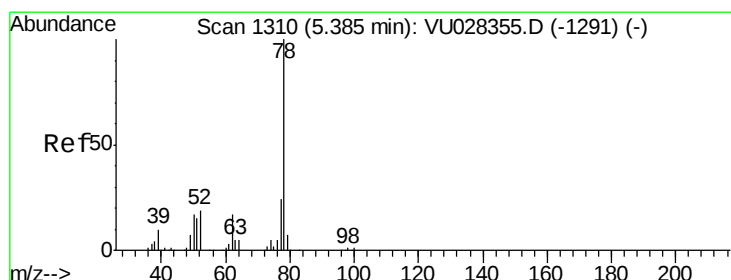
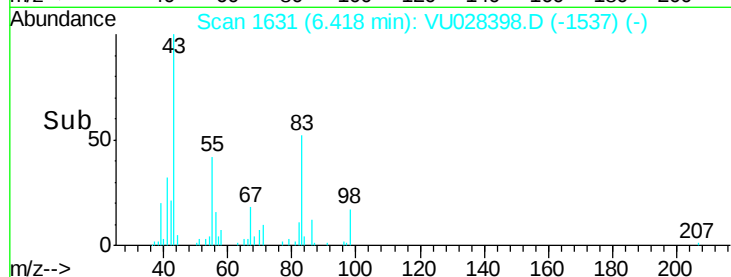
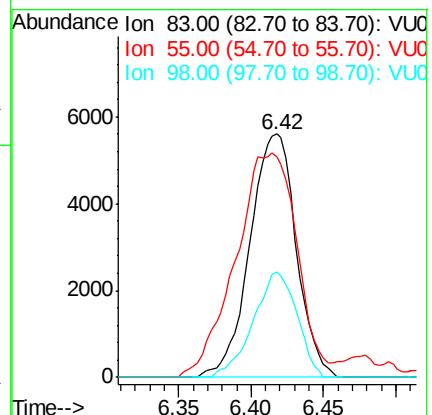
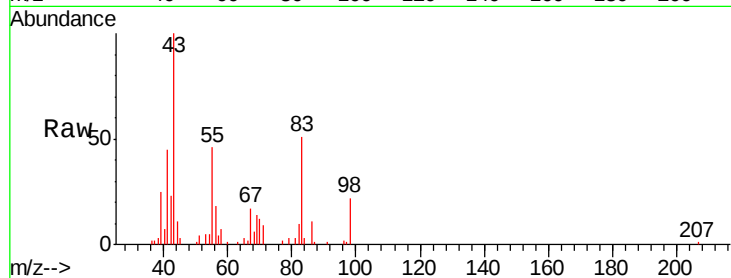
Tgt Ion: 83 Resp: 12477

Ion Ratio Lower Upper

83 100

55 86.7 73.1 109.7

98 43.3 33.9 50.9



#40

Benzene

Concen: 2.985 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.01 min

Lab File: VU028398.D

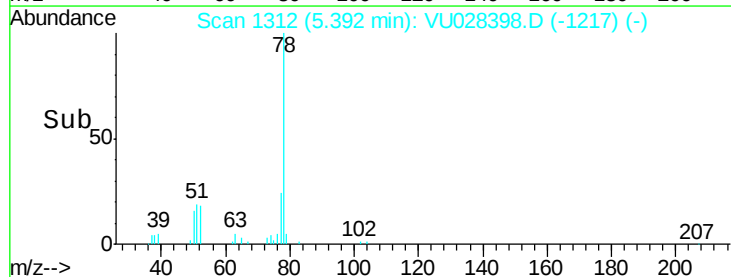
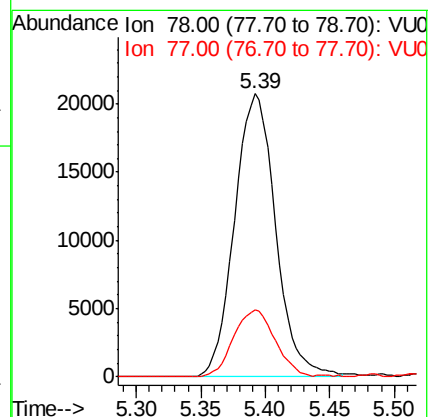
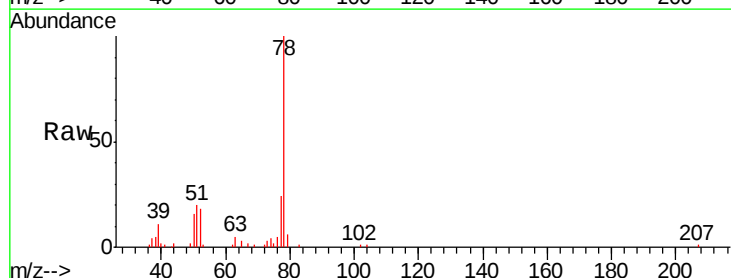
Acq: 29 Nov 2018 16:57

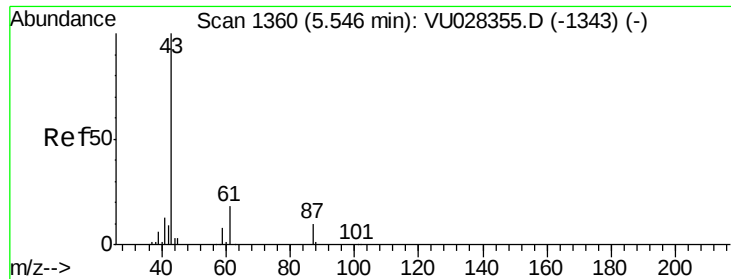
Tgt Ion: 78 Resp: 45984

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

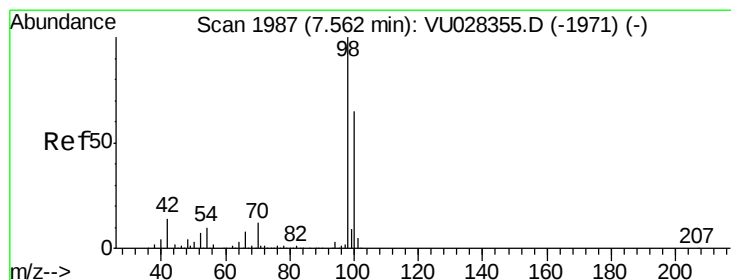
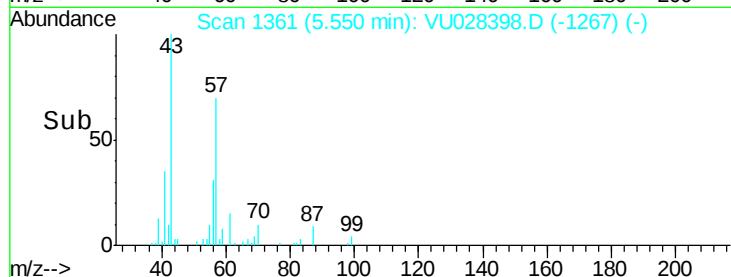
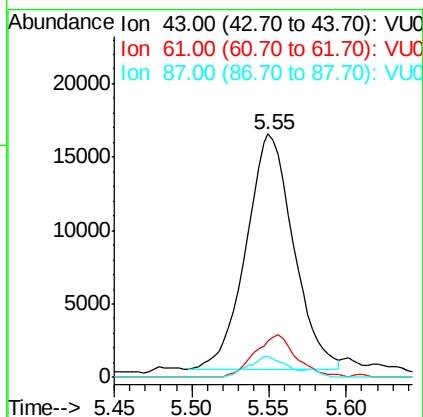
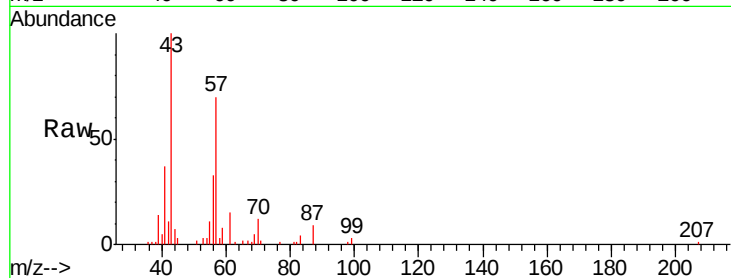




#43
Isopropyl Acetate
Concen: 3.029 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

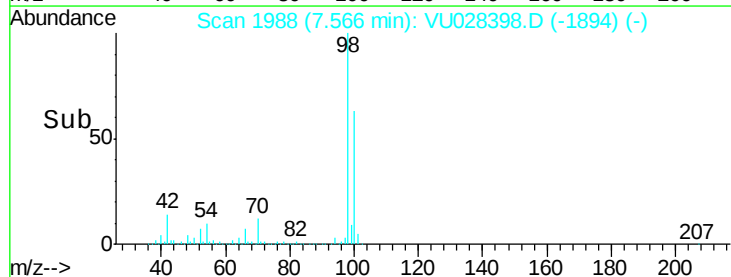
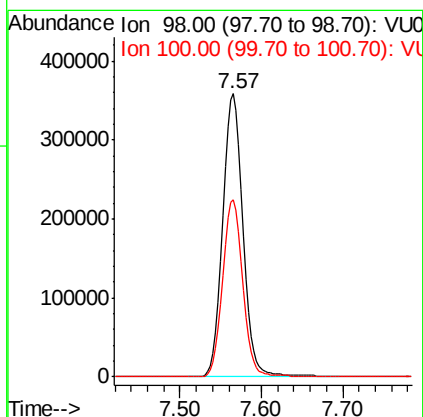
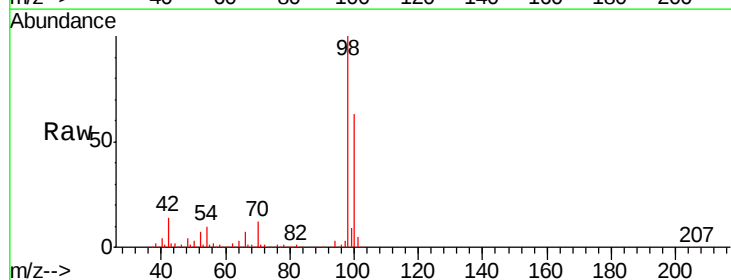
Instrument :
MSVOA_U
ClientSampleId :
WC-2

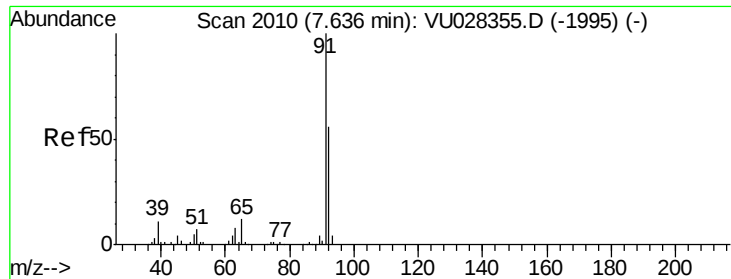
Tgt Ion: 43 Resp: 34023
Ion Ratio Lower Upper
43 100
61 16.0 14.5 21.7
87 7.0 8.4 12.6#



#50
Toluene-d8
Concen: 50.275 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 98 Resp: 635427
Ion Ratio Lower Upper
98 100
100 62.5 50.8 76.2





#52

Toluene

Concen: 125.882 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampled :

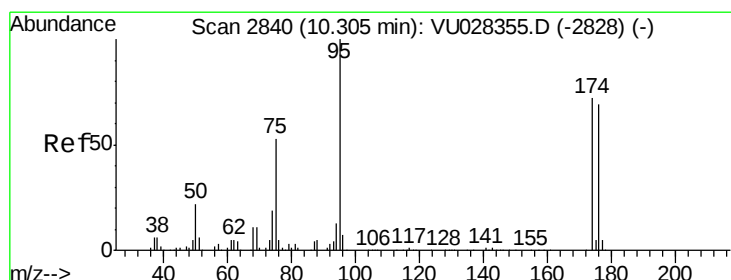
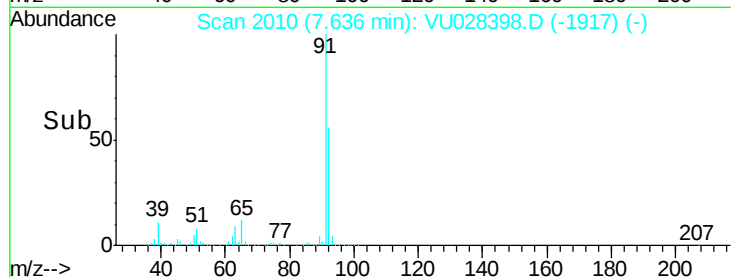
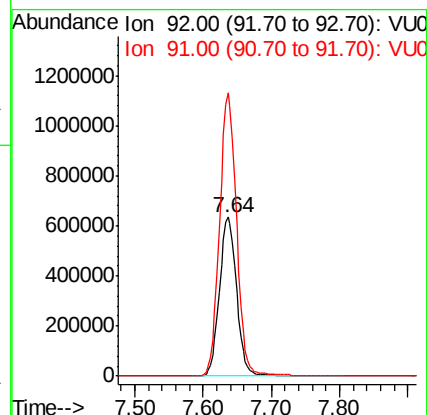
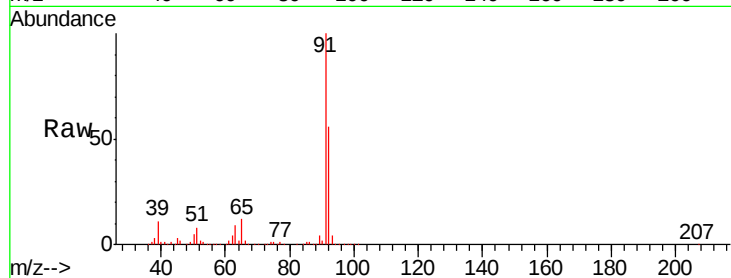
WC-2

Tgt Ion: 92 Resp: 1116572

Ion Ratio Lower Upper

92 100

91 176.8 141.8 212.6



#62

4-Bromofluorobenzene

Concen: 50.529 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

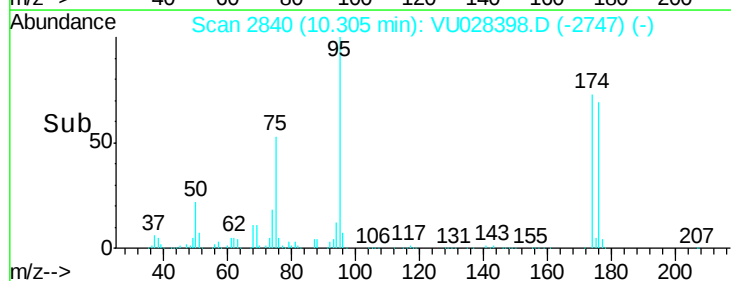
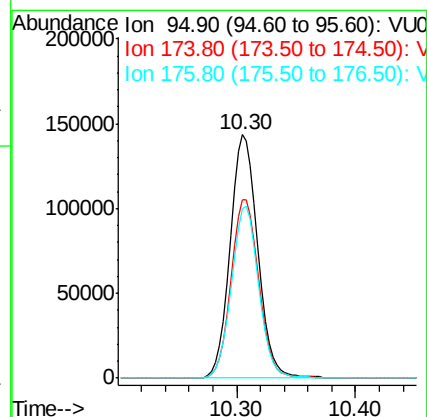
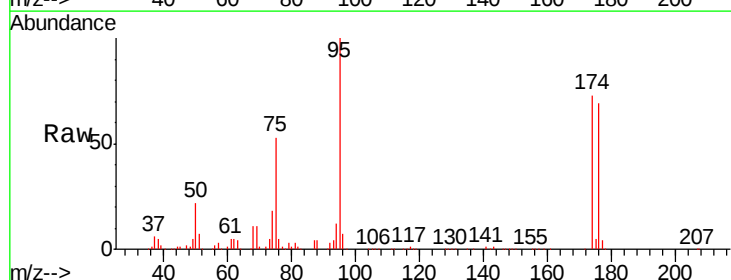
Tgt Ion: 95 Resp: 230181

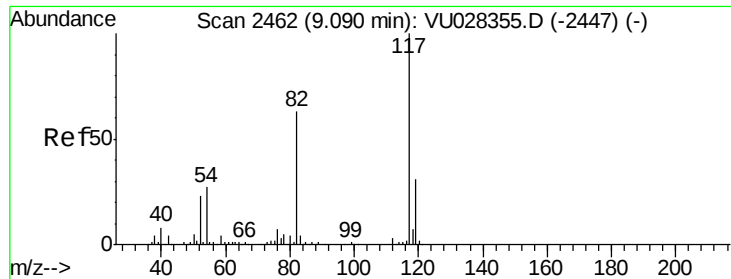
Ion Ratio Lower Upper

95 100

174 74.0 0.0 145.4

176 70.0 0.0 140.8

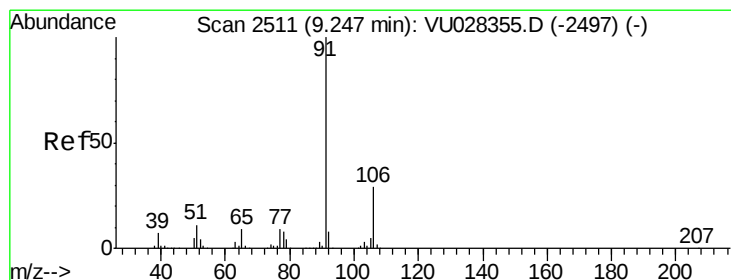
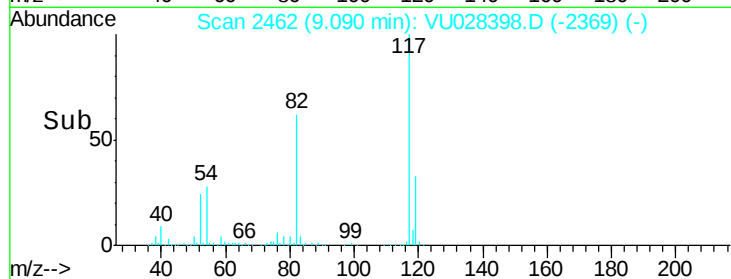
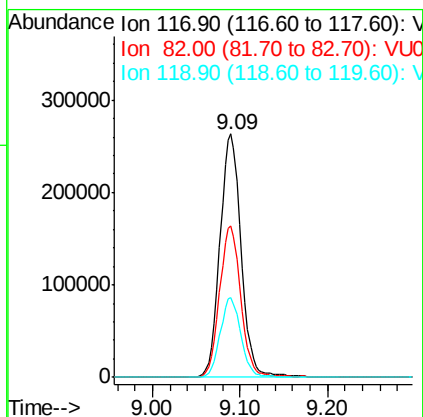
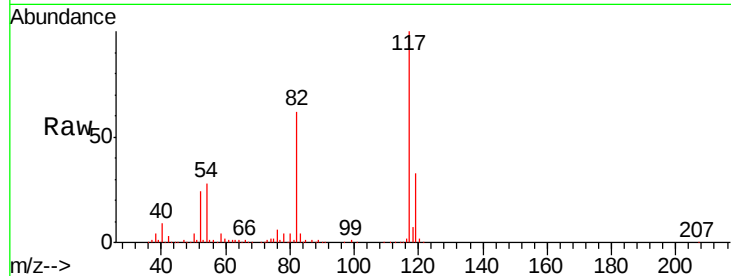




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

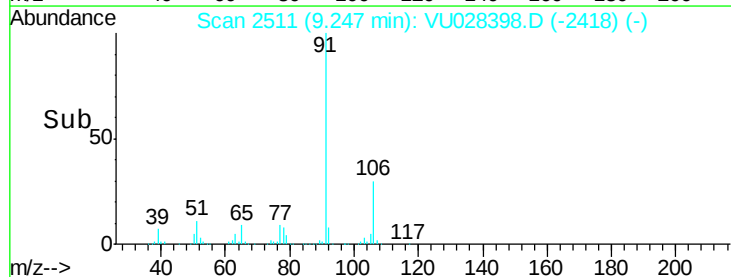
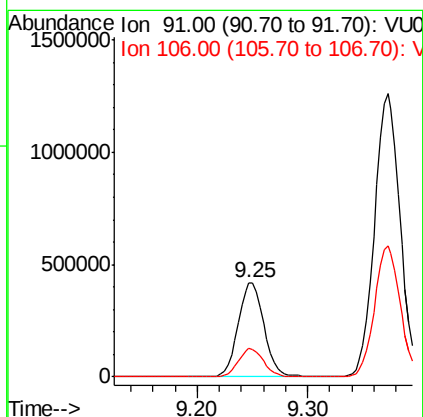
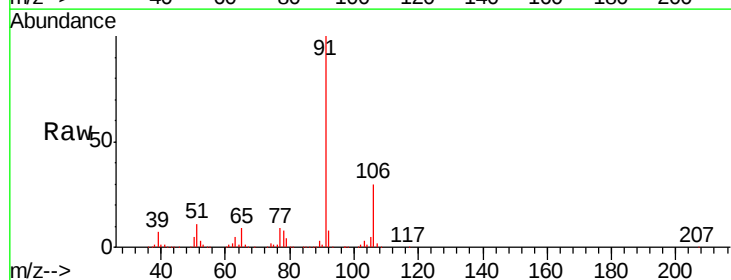
Instrument :
MSVOA_U
ClientSampleId :
WC-2

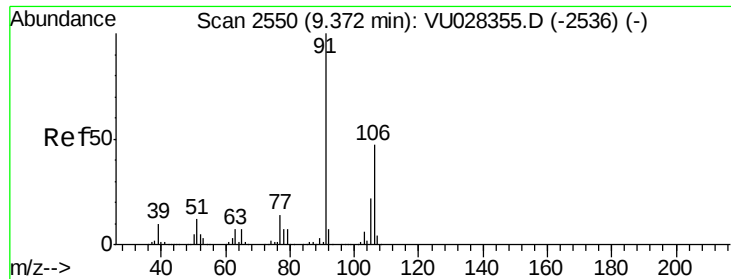
Tgt Ion:117 Resp: 442693
Ion Ratio Lower Upper
117 100
82 62.3 50.3 75.5
119 32.6 24.8 37.2



#67
Ethyl Benzene
Concen: 39.601 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 91 Resp: 685608
Ion Ratio Lower Upper
91 100
106 30.1 23.3 34.9

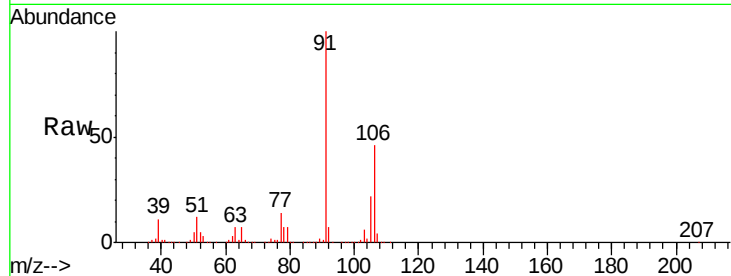




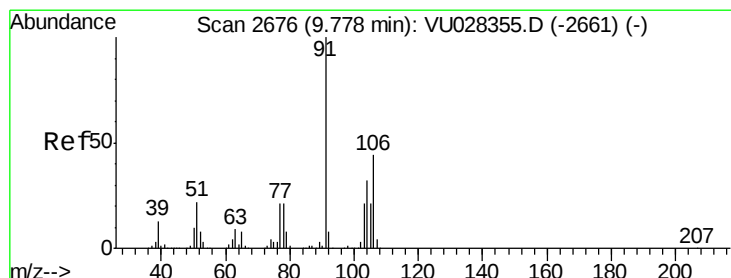
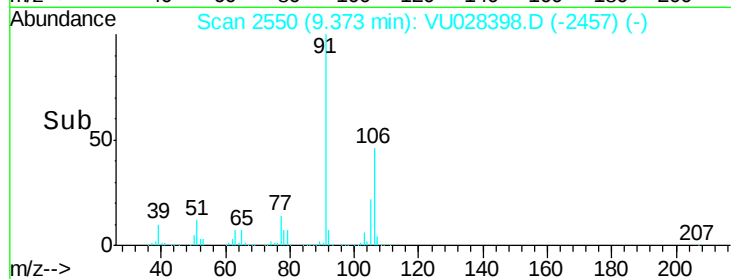
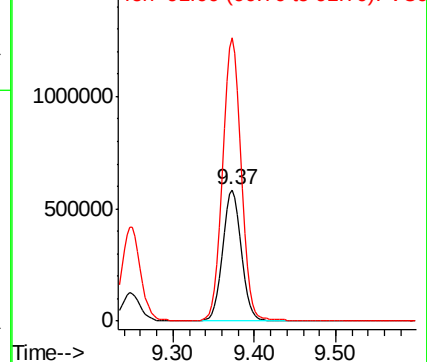
#68
m/p-Xylenes
Concen: 153.417 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Instrument :
MSVOA_U
ClientSampleId :
WC-2

Tgt Ion:106 Resp: 956012
Ion Ratio Lower Upper
106 100
91 214.1 171.0 256.6

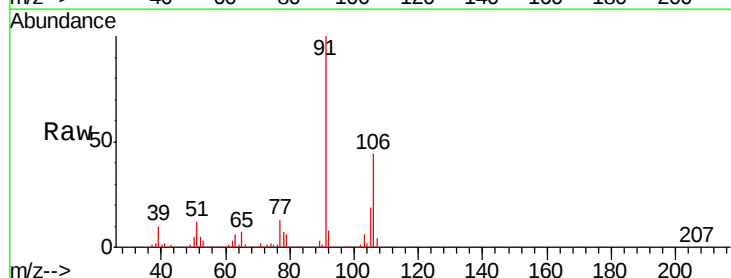


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

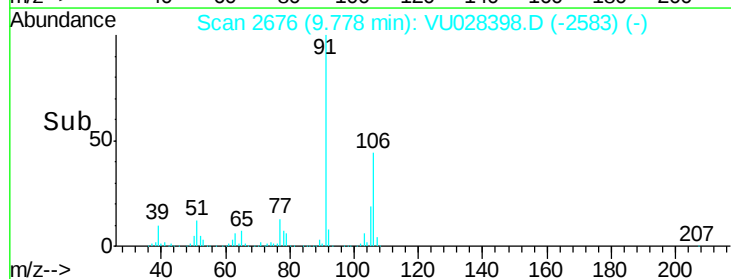
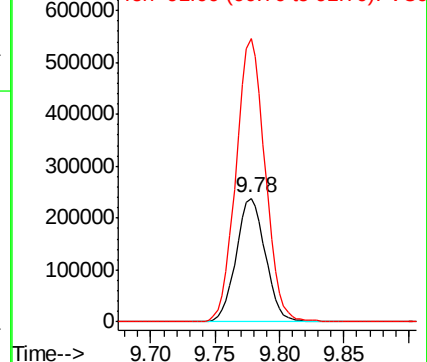


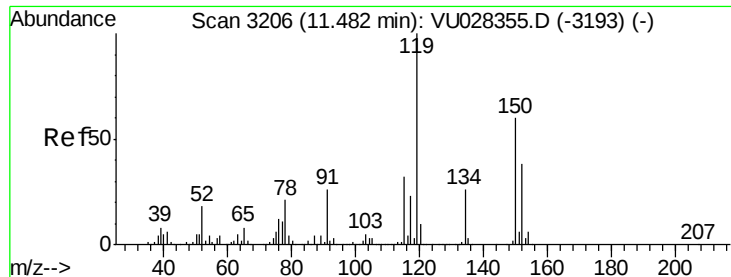
#69
o-Xylene
Concen: 60.768 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion:106 Resp: 376437
Ion Ratio Lower Upper
106 100
91 227.6 112.7 338.0



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: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampled :

WC-2

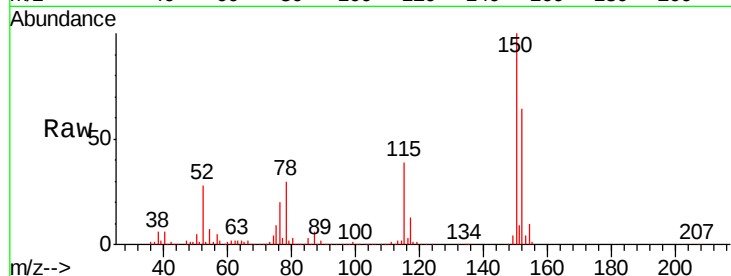
Tgt Ion:152 Resp: 214100

Ion Ratio Lower Upper

152 100

115 60.5 45.0 134.8

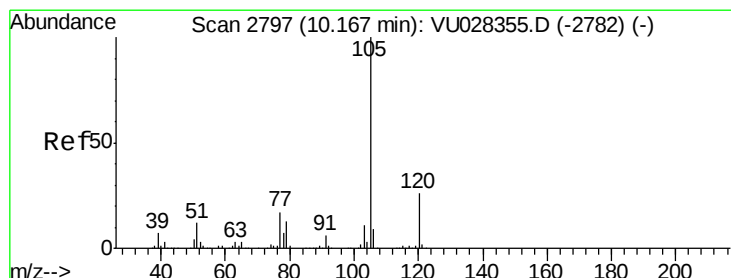
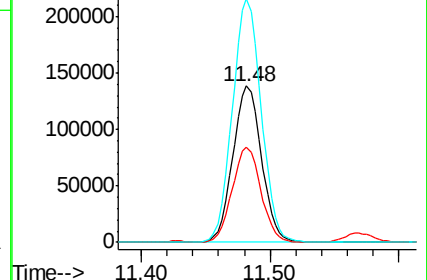
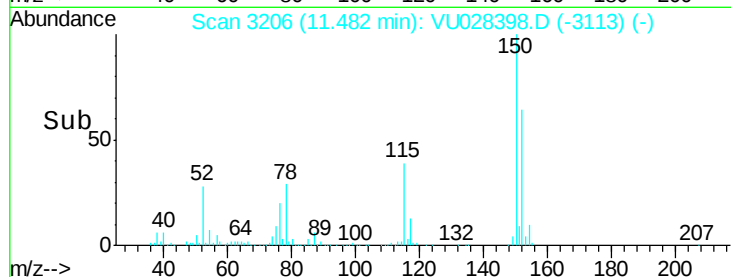
150 156.3 0.0 349.2



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: 2.984 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028398.D

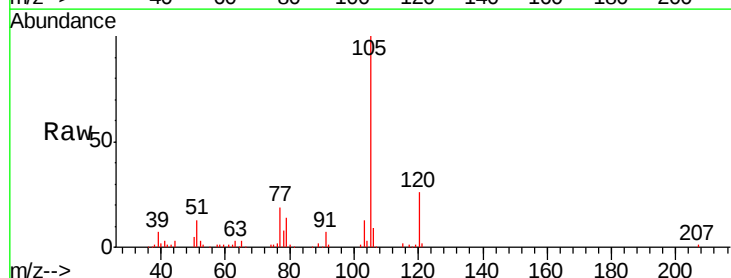
Acq: 29 Nov 2018 16:57

Tgt Ion:105 Resp: 49684

Ion Ratio Lower Upper

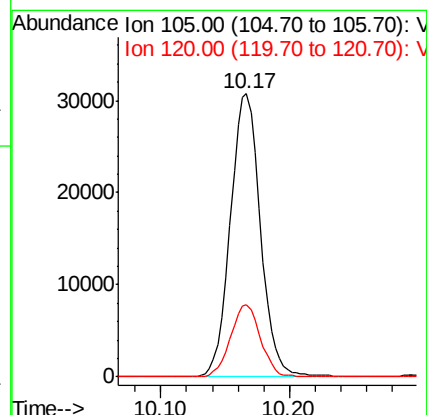
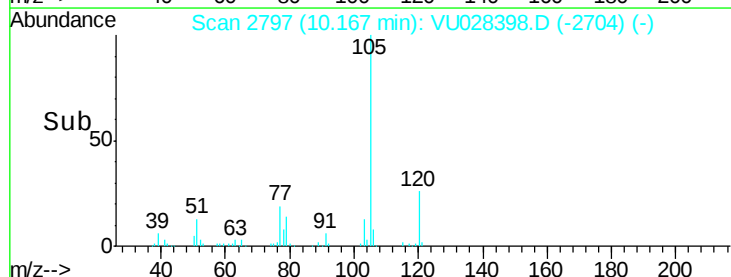
105 100

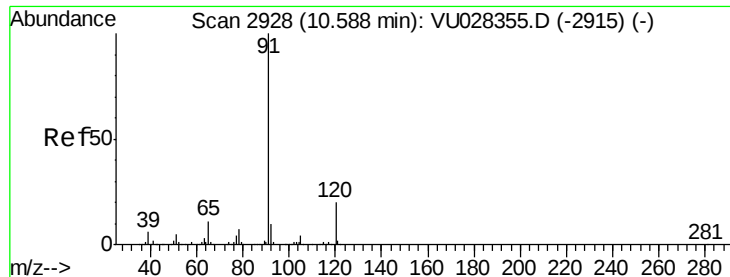
120 25.4 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

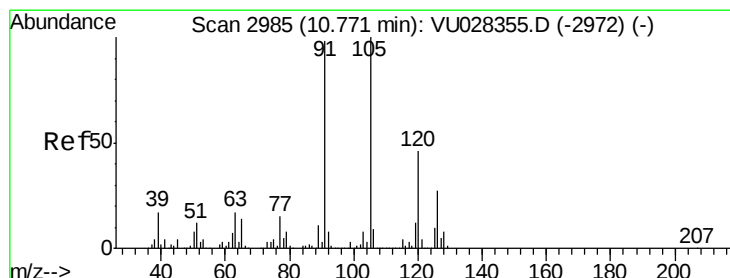
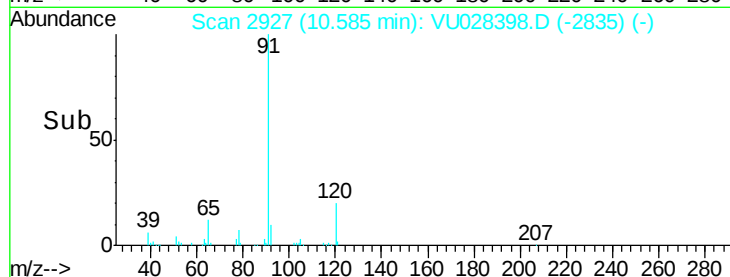
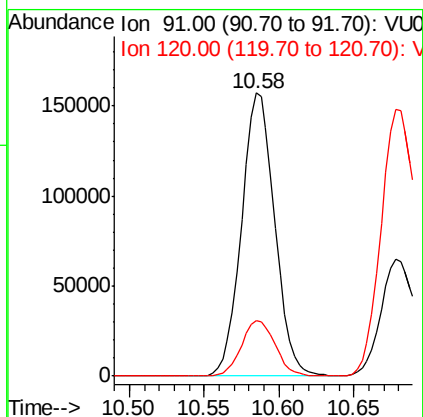
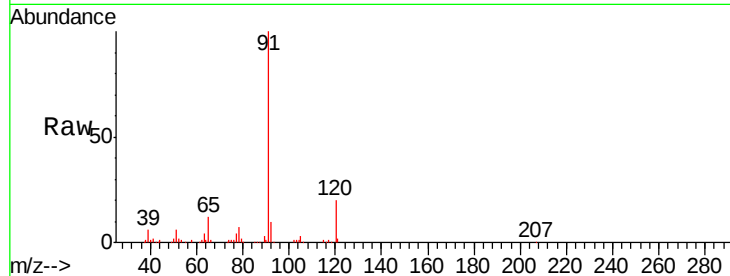




#78
n-propylbenzene
Concen: 11.802 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. -0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

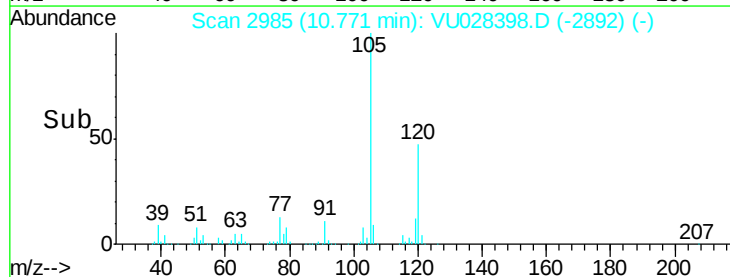
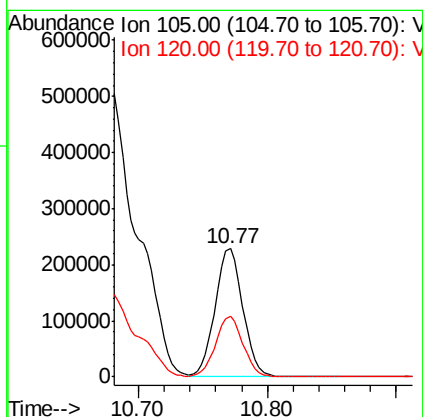
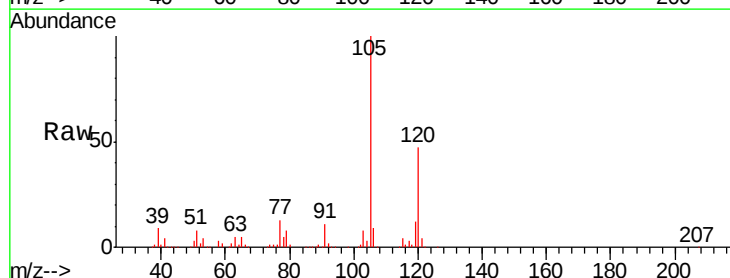
Instrument :
MSVOA_U
ClientSampleId :
WC-2

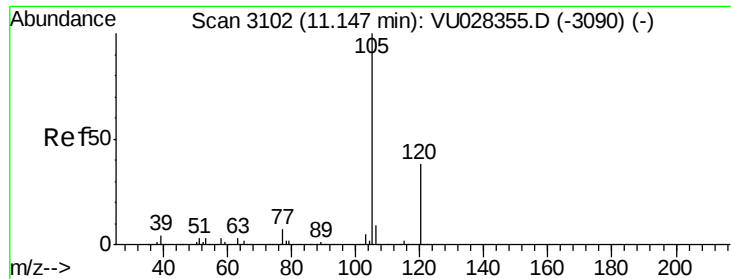
Tgt Ion: 91 Resp: 242438
Ion Ratio Lower Upper
91 100
120 20.0 10.3 30.8



#80
1,3,5-Trimethylbenzene
Concen: 24.428 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU028398.D
Acq: 29 Nov 2018 16:57

Tgt Ion: 105 Resp: 342777
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.0

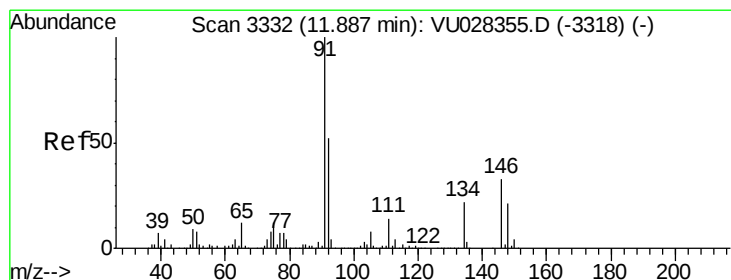
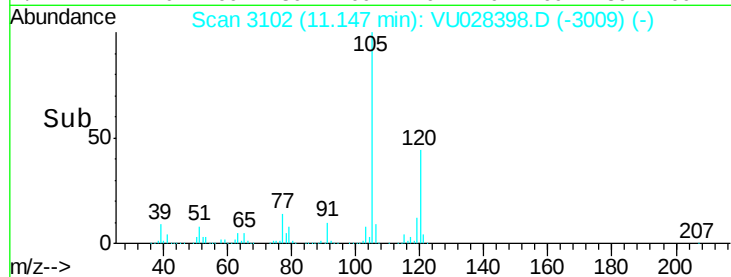
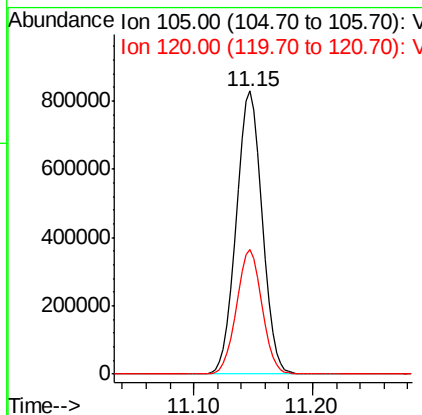
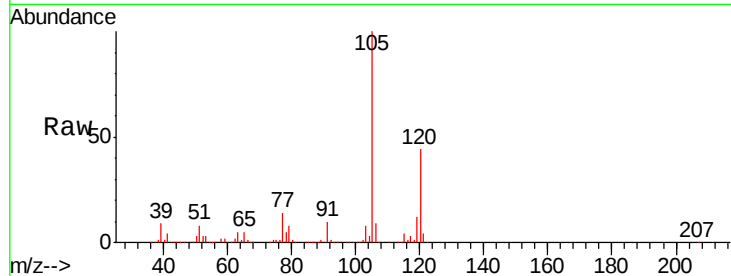




#84
 1,2,4-Trimethylbenzene
 Concen: 88.016 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

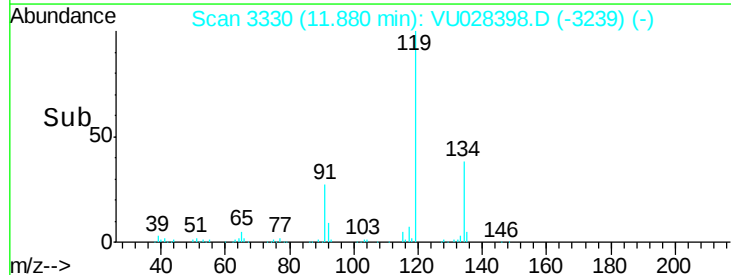
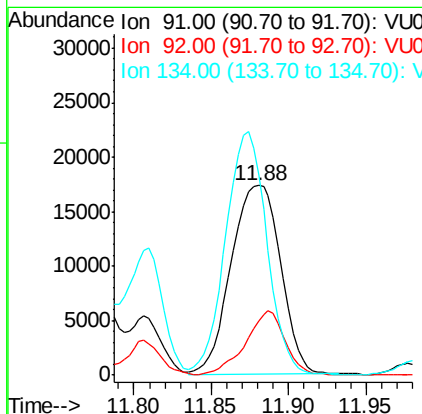
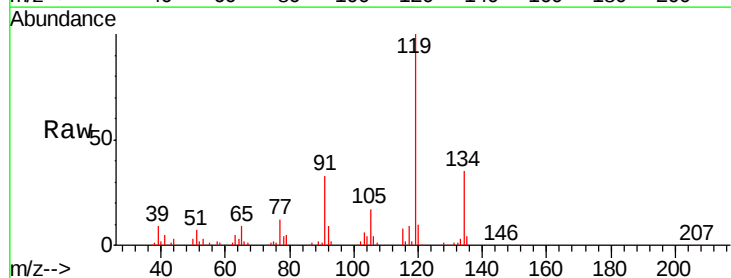
Instrument :
 MSVOA_U
 ClientSampleId :
 WC-2

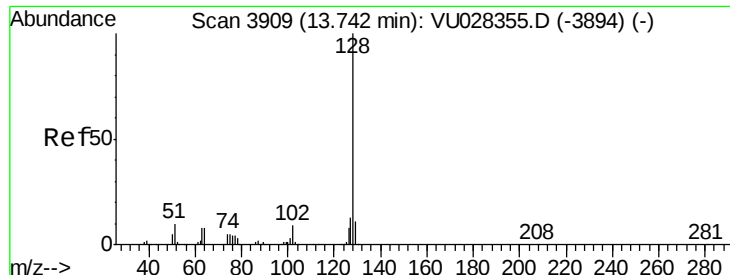
Tgt Ion: 105 Resp: 1250977
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.4 64.3



#89
 n-Butylbenzene
 Concen: 2.795 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.01 min
 Lab File: VU028398.D
 Acq: 29 Nov 2018 16:57

Tgt Ion: 91 Resp: 38543
 Ion Ratio Lower Upper
 91 100
 92 27.2 26.2 78.5
 134 107.9 11.1 33.1#





#95

Naphthalene

Concen: 20.453 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028398.D

Acq: 29 Nov 2018 16:57

Instrument :

MSVOA_U

ClientSampleId :

WC-2

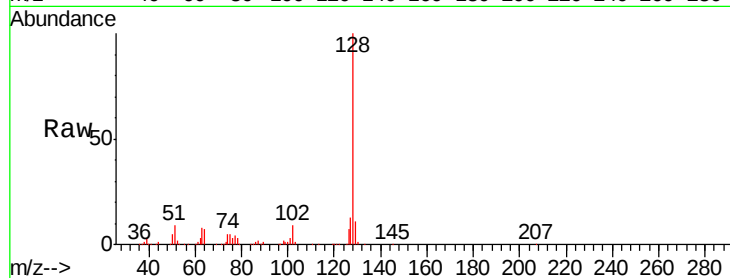
Tgt Ion:128 Resp: 336537

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

