

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028751.D
 Acq On : 18 Dec 2018 04:23
 Operator : MD/SY
 Sample : J6411-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-K-1218

Quant Time: Dec 18 08:36:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	87724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	154067	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	140535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	61188	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	70130	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	4.88	113	52435	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
50) Toluene-d8	7.57	98	199708	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	10.31	95	71452	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	

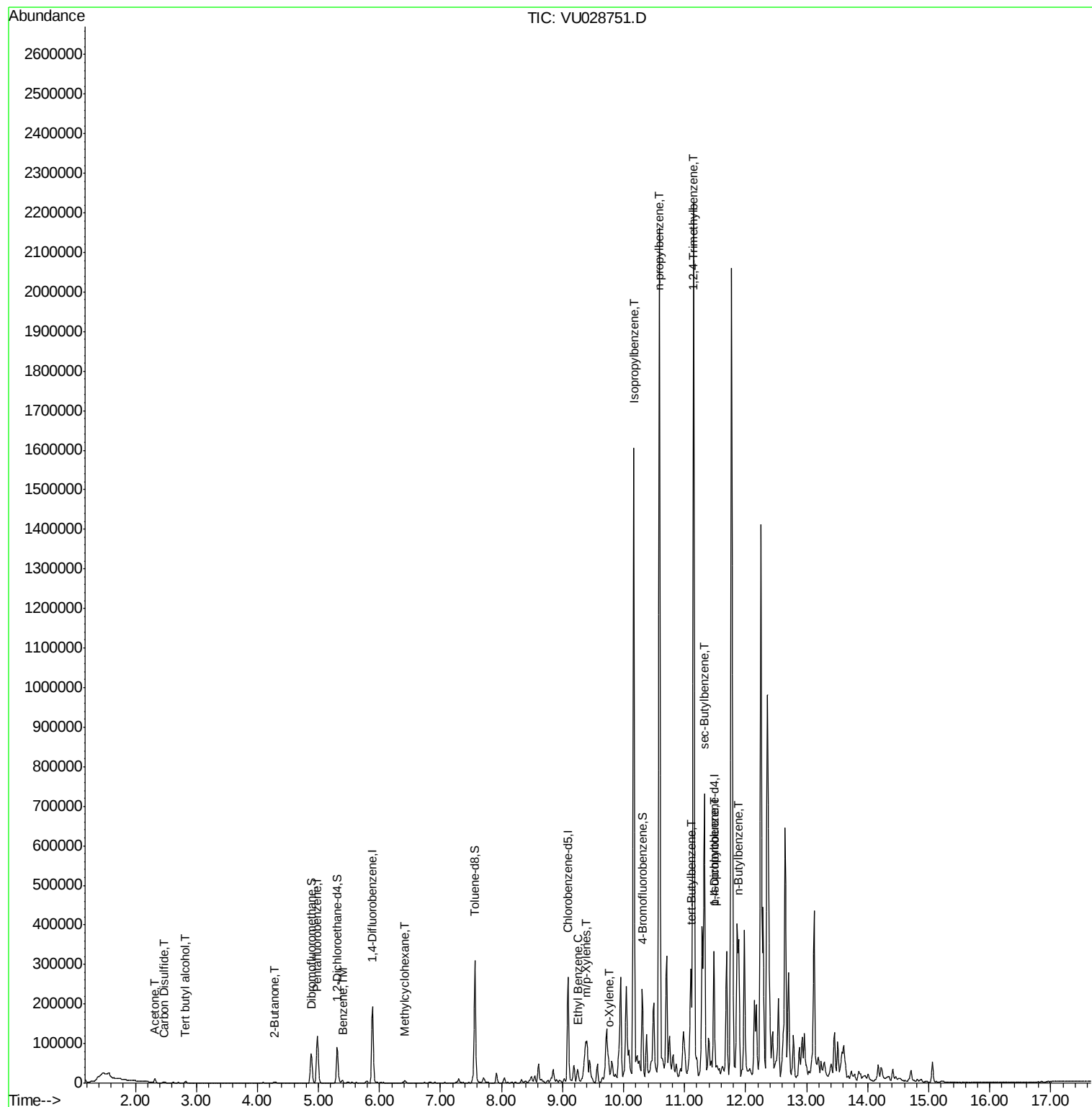
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.82	59	4137	13.870	ug/l #	94
16) Acetone	2.32	43	11789	13.495	ug/l	92
17) Carbon Disulfide	2.48	76	2575	0.732	ug/l #	89
25) 2-Butanone	4.28	43	5664	4.744	ug/l	97
39) Methylcyclohexane	6.42	83	2126	1.034	ug/l	91
40) Benzene	5.39	78	7276	1.465	ug/l	92
67) Ethyl Benzene	9.25	91	5172	0.939	ug/l	100
68) m/p-Xylenes	9.38	106	14052	7.015	ug/l	98
69) o-Xylene	9.78	106	2224	1.142	ug/l	97
73) Isopropylbenzene	10.17	105	997349	212.420	ug/l	100
78) n-propylbenzene	10.58	91	1648481	282.555	ug/l	99
83) tert-Butylbenzene	11.10	119	96026	25.634	ug/l	89
84) 1,2,4-Trimethylbenzene	11.15	105	1135209	283.421	ug/l	99
85) sec-Butylbenzene	11.32	105	439795	91.386	ug/l	100
86) p-Isopropyltoluene	11.48	119	33752	8.256	ug/l	99
89) n-Butylbenzene	11.89	91	198674	48.020	ug/l #	79

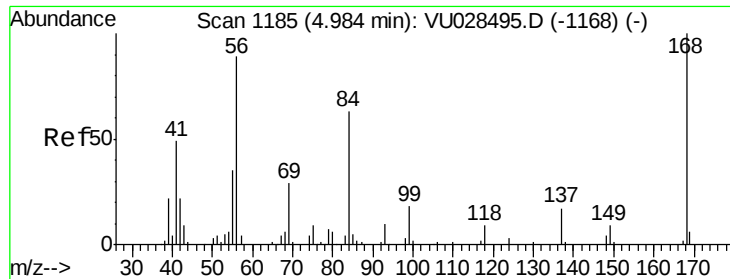
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028751.D
Acq On : 18 Dec 2018 04:23
Operator : MD/SY
Sample : J6411-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Quant Time: Dec 18 08:36:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

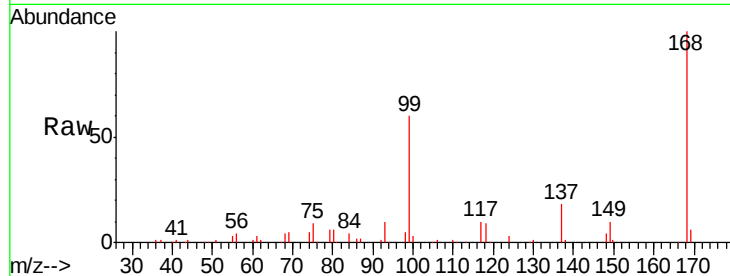
EP1-MW-K-1218

Tgt Ion:168 Resp: 87724

Ion Ratio Lower Upper

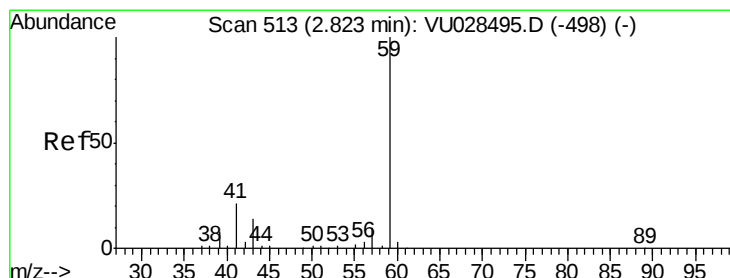
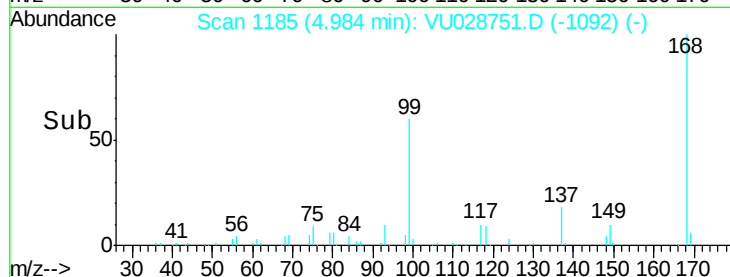
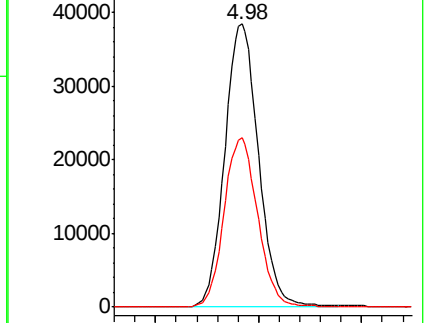
168 100

99 59.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D

Ion 98.90 (98.60 to 99.60): VU028495.D



#11

Tert butyl alcohol

Concen: 13.870 ug/l

RT: 2.82 min Scan# 513

Delta R.T. 0.00 min

Lab File: VU028751.D

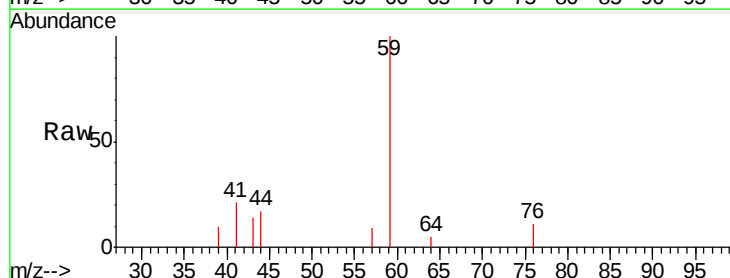
Acq: 18 Dec 2018 04:23

Tgt Ion: 59 Resp: 4137

Ion Ratio Lower Upper

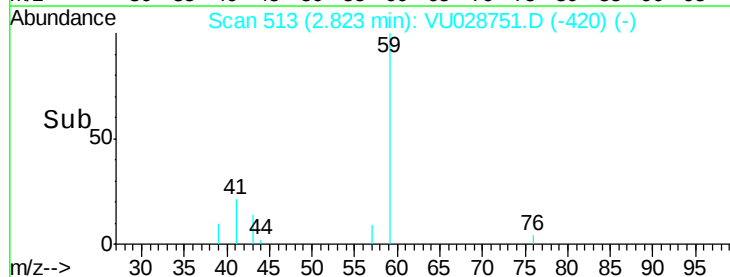
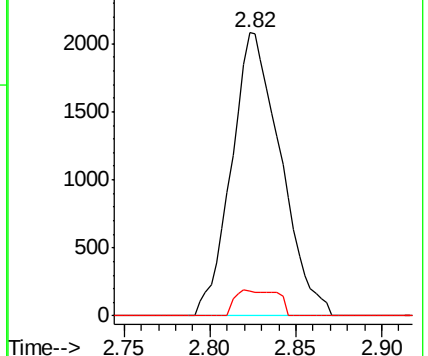
59 100

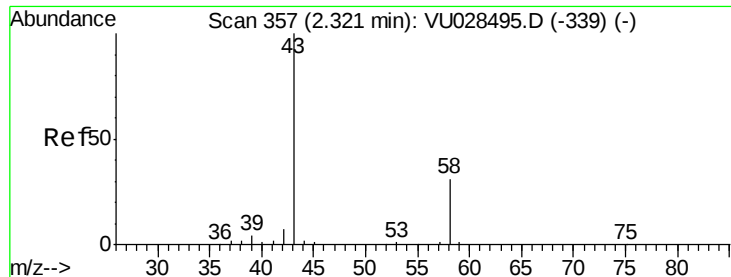
57 7.9 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU028495.D

Ion 57.00 (56.70 to 57.70): VU028495.D





#16

Acetone

Concen: 13.495 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

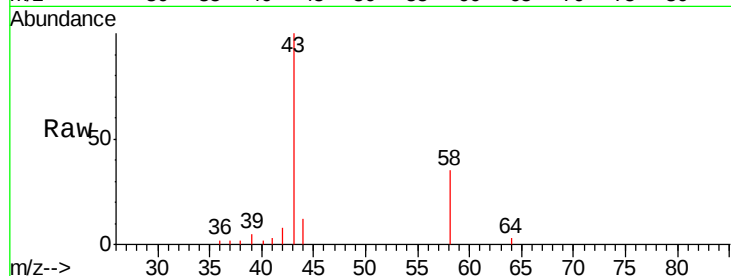
EP1-MW-K-1218

Tgt Ion: 43 Resp: 11789

Ion Ratio Lower Upper

43 100

58 35.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

6000

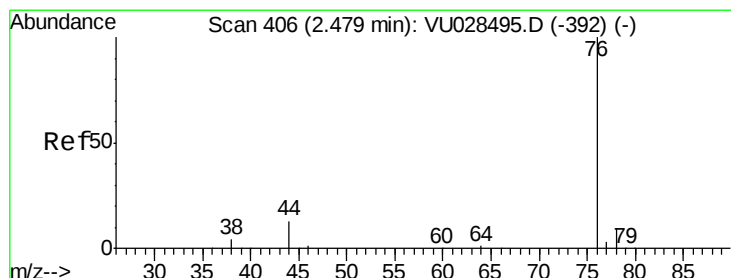
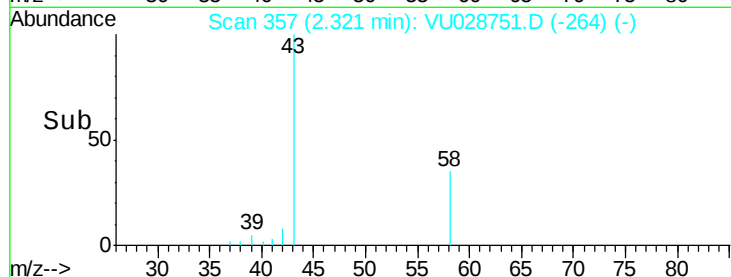
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#17

Carbon Disulfide

Concen: 0.732 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU028751.D

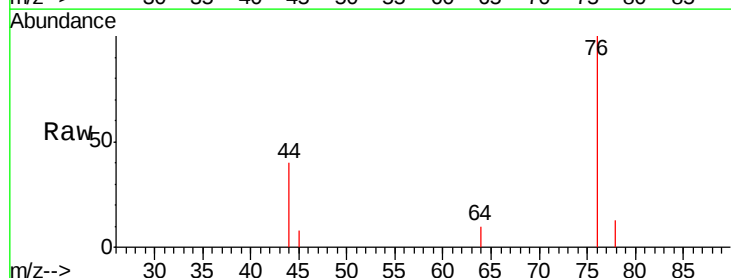
Acq: 18 Dec 2018 04:23

Tgt Ion: 76 Resp: 2575

Ion Ratio Lower Upper

76 100

78 13.1 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

2.48

1500

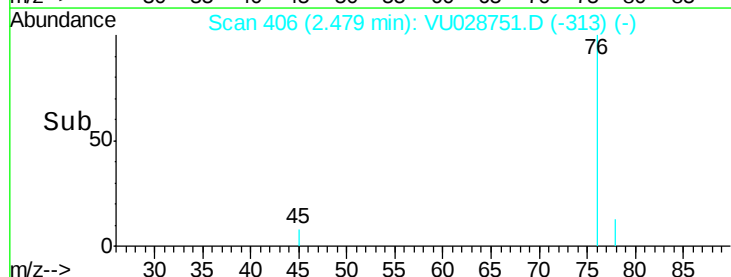
1000

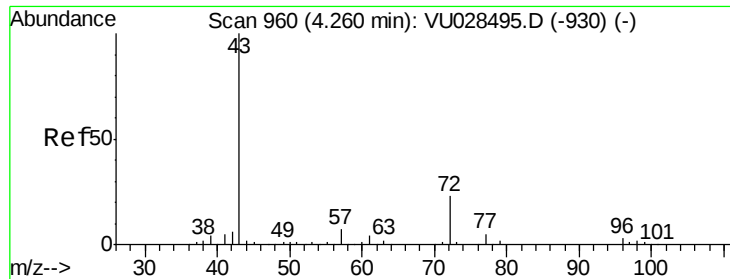
500

0

Time-->

2.45 2.50

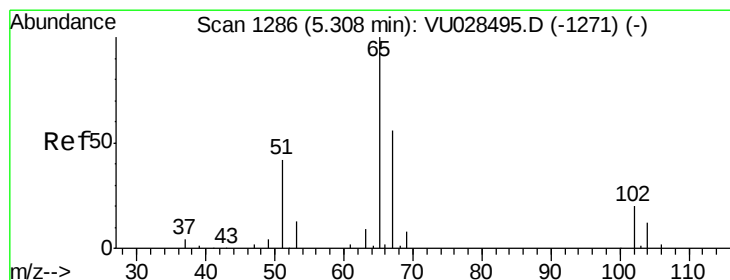
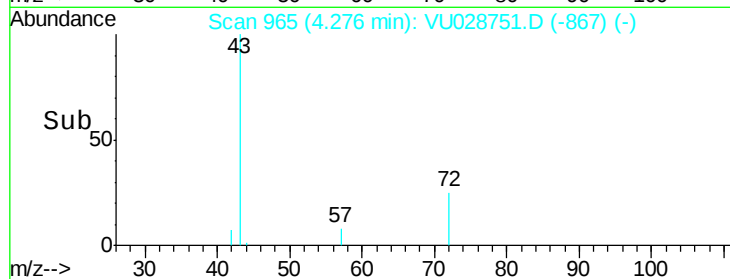
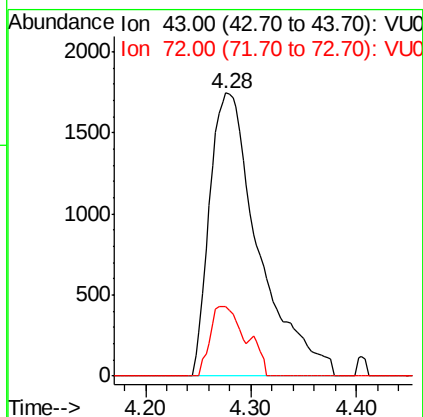
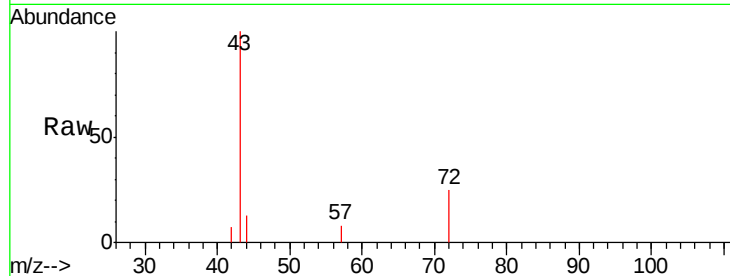




#25
 2-Butanone
 Concen: 4.744 ug/l
 RT: 4.28 min Scan# 965
 Delta R.T. 0.02 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

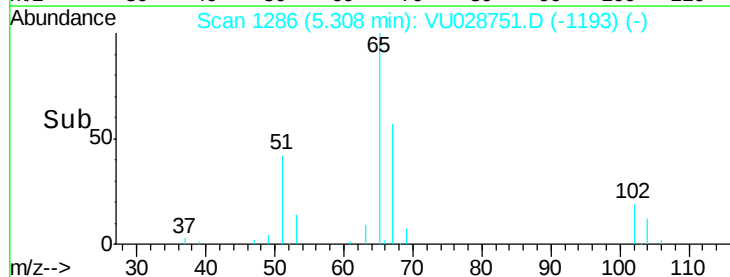
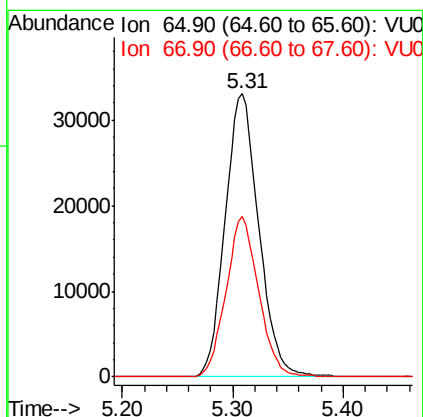
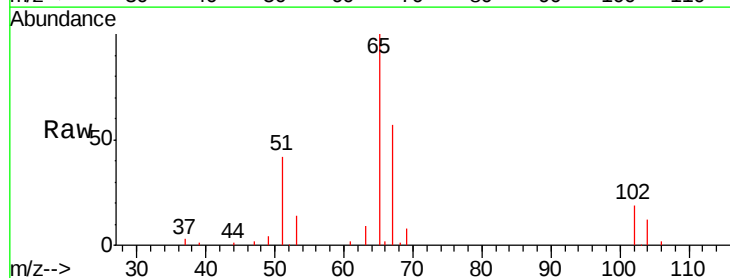
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-K-1218

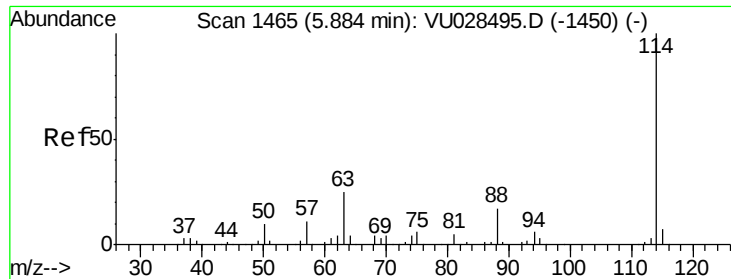
Tgt Ion: 43 Resp: 5664
 Ion Ratio Lower Upper
 43 100
 72 24.7 18.6 28.0



#33
 1,2-Dichloroethane-d4
 Concen: 52.386 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Tgt Ion: 65 Resp: 70130
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.6

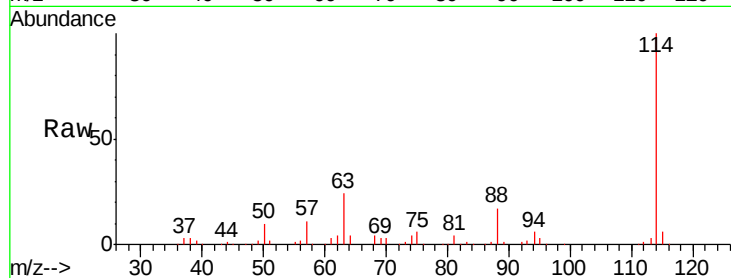




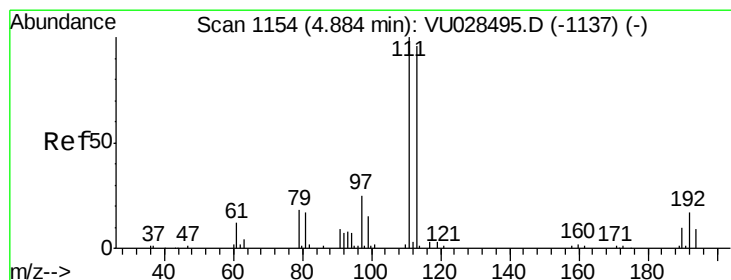
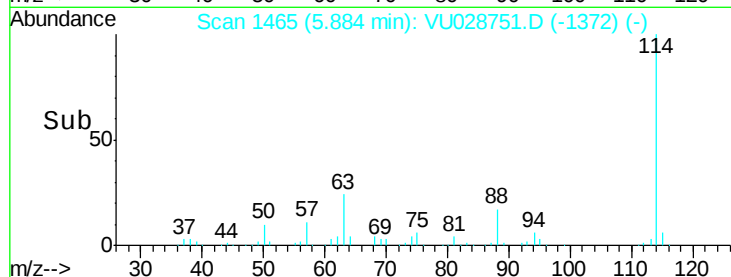
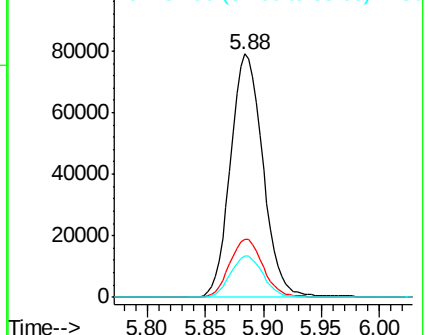
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.88 min Scan# 1465
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion:114 Resp: 154067
Ion Ratio Lower Upper
114 100
63 23.9 0.0 49.2
88 17.1 0.0 33.4

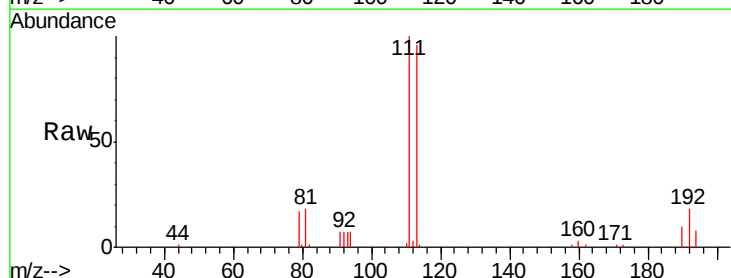


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

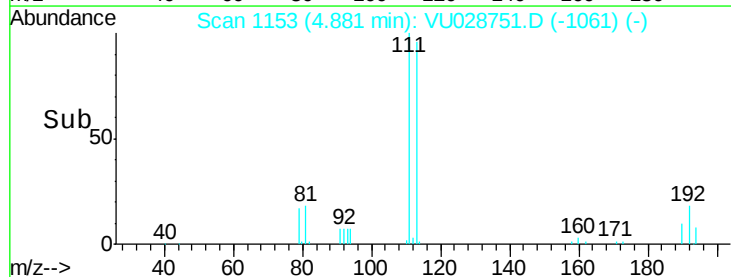
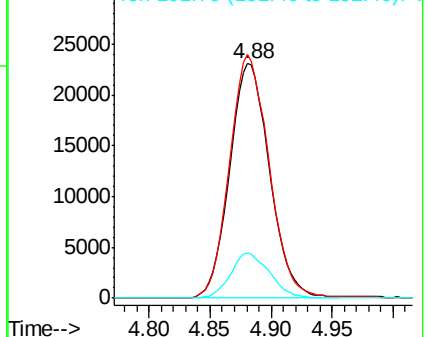


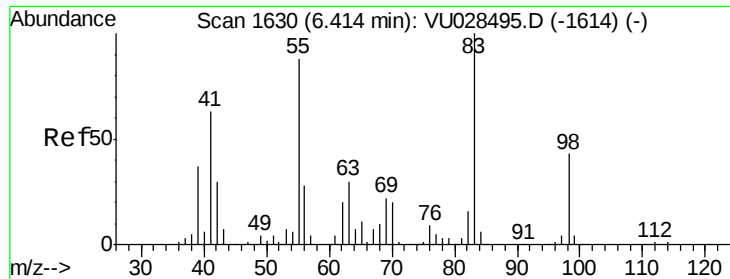
#35
Dibromofluoromethane
Concen: 54.082 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion:113 Resp: 52435
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.0
192 18.5 14.8 22.2



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

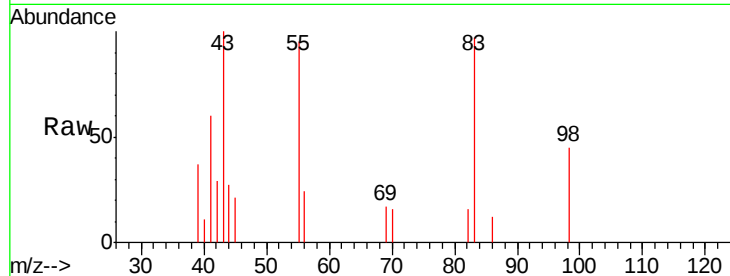




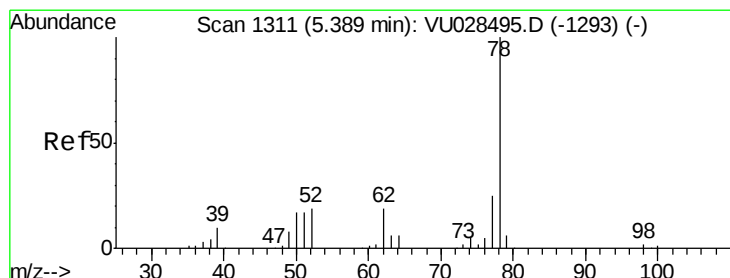
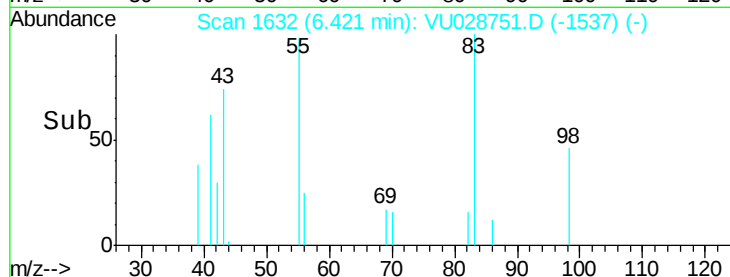
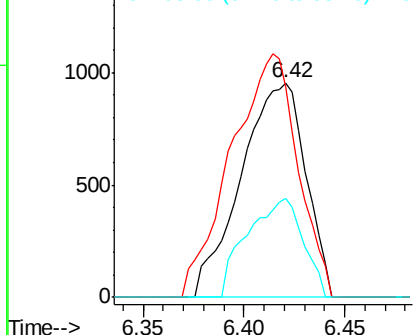
#39
Methylcyclohexane
Concen: 1.034 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion: 83 Resp: 2126
Ion Ratio Lower Upper
83 100
55 98.0 70.2 105.2
98 45.9 34.2 51.4

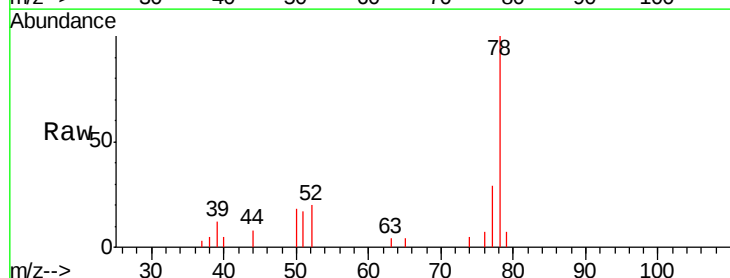


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

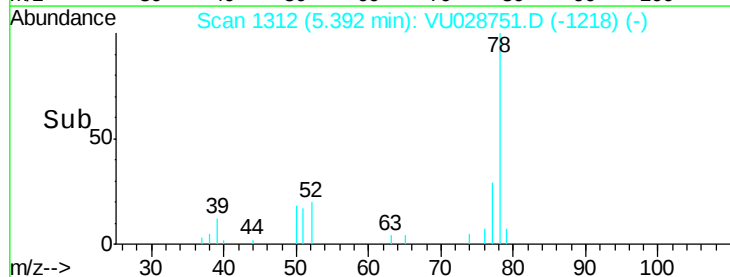
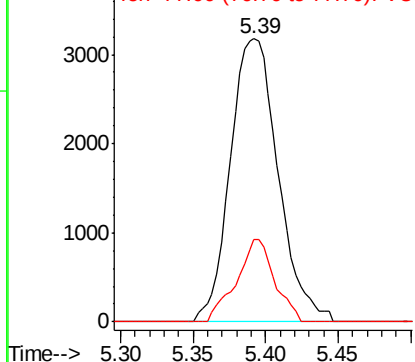


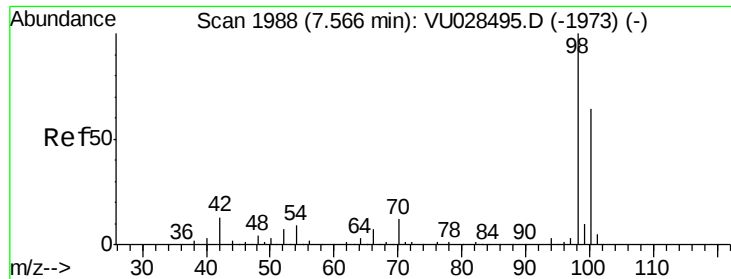
#40
Benzene
Concen: 1.465 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 78 Resp: 7276
Ion Ratio Lower Upper
78 100
77 29.0 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#50

Toluene-d8

Concen: 52.070 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

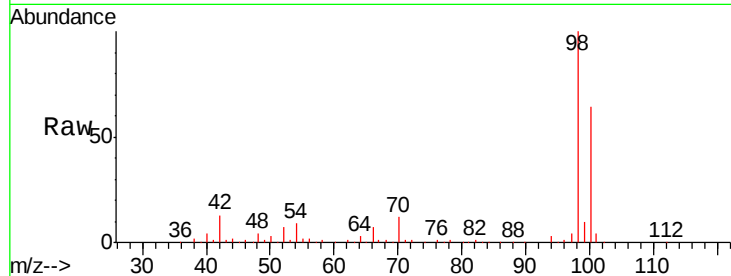
EP1-MW-K-1218

Tgt Ion: 98 Resp: 199708

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

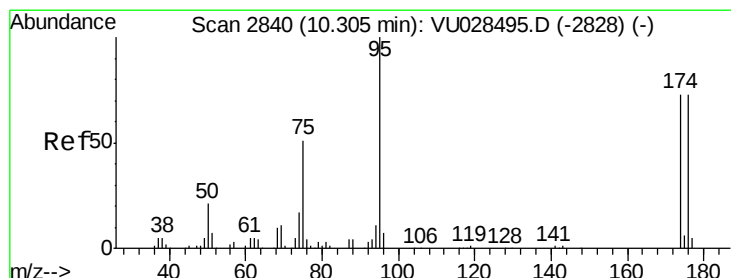
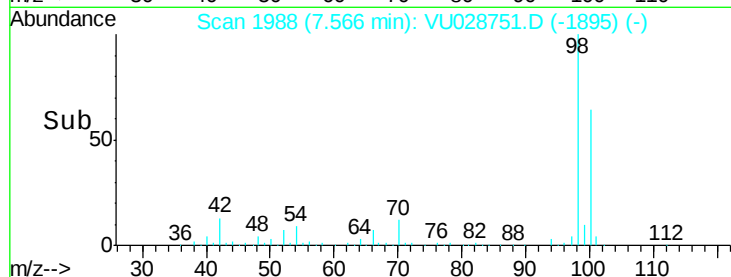
7.57

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.843 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

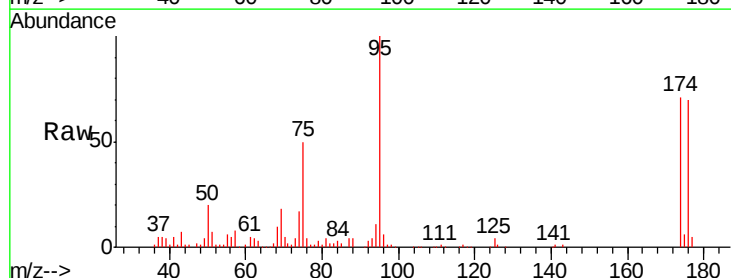
Tgt Ion: 95 Resp: 71452

Ion Ratio Lower Upper

95 100

174 72.3 0.0 150.4

176 71.3 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.31

60000

50000

40000

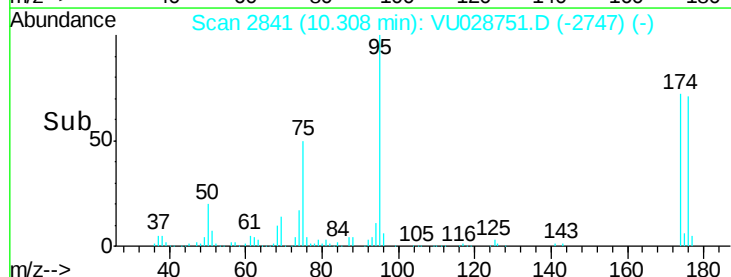
30000

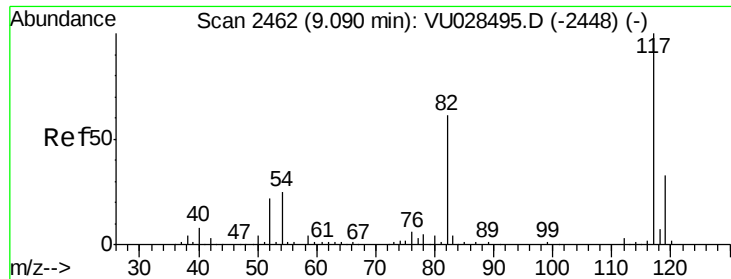
20000

10000

0

Time-->

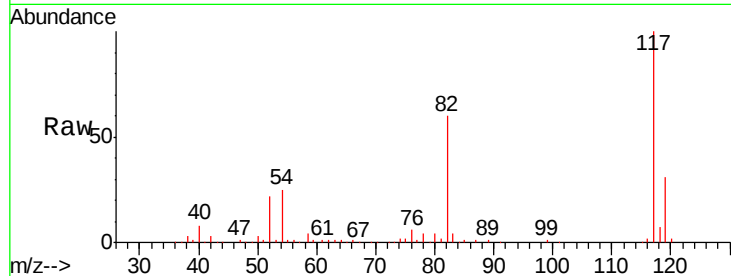




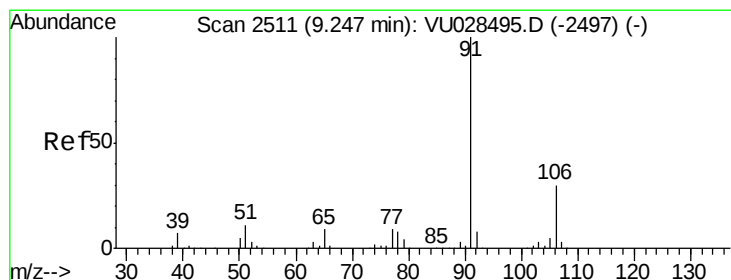
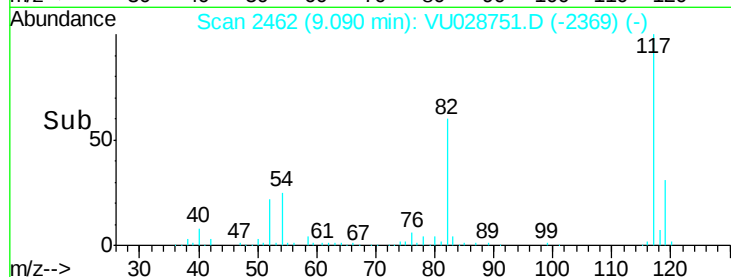
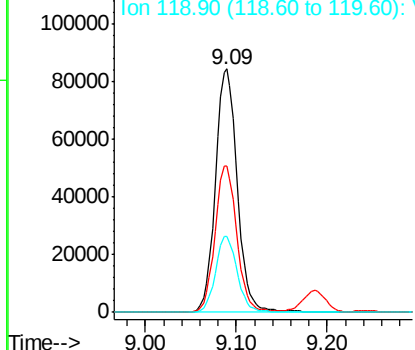
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion: 117 Resp: 140535
Ion Ratio Lower Upper
117 100
82 60.1 48.9 73.3
119 31.4 26.2 39.4

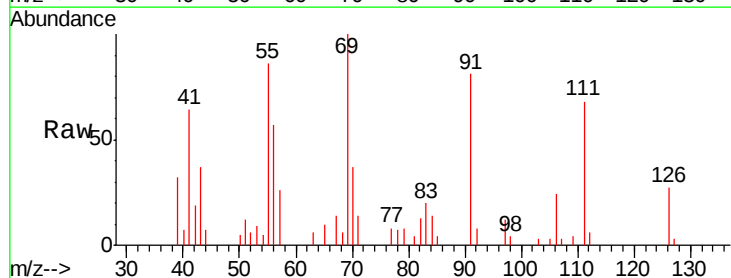


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

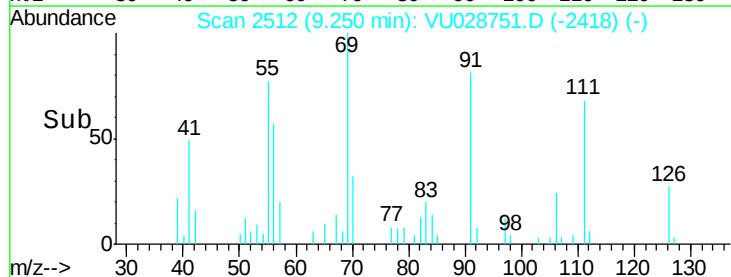
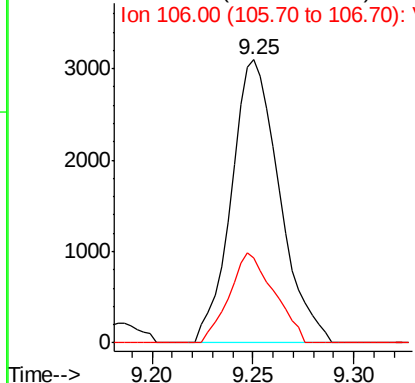


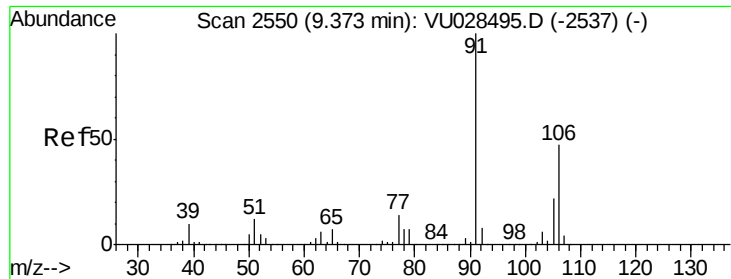
#67
Ethyl Benzene
Concen: 0.939 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion: 91 Resp: 5172
Ion Ratio Lower Upper
91 100
106 30.2 24.1 36.1



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

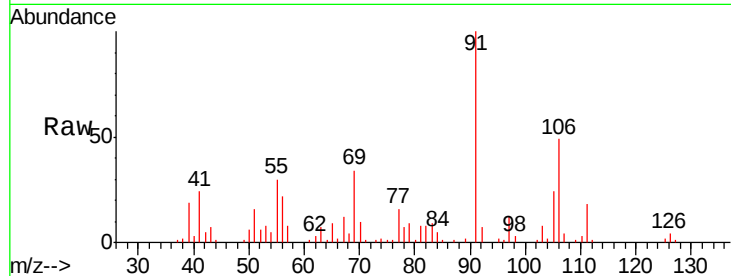




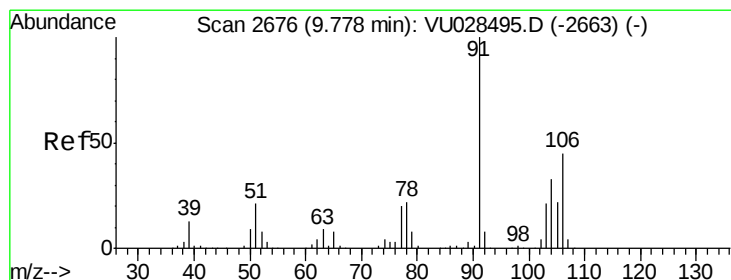
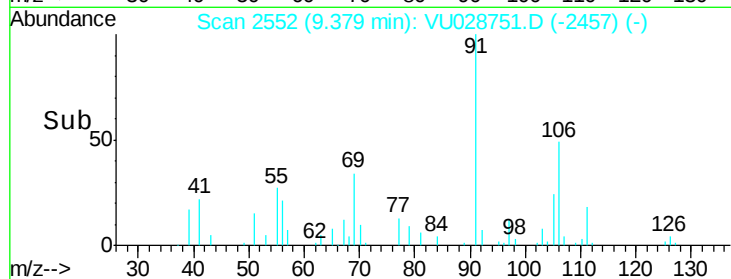
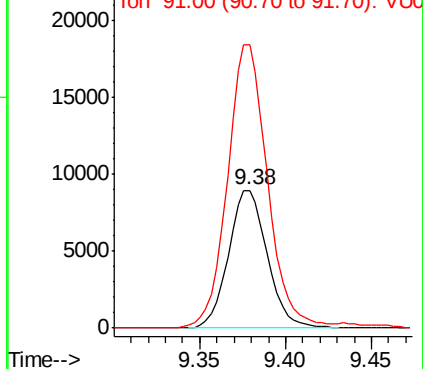
#68
m/p-Xylenes
Concen: 7.015 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.01 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-K-1218

Tgt Ion:106 Resp: 14052
Ion Ratio Lower Upper
106 100
91 212.4 167.4 251.0

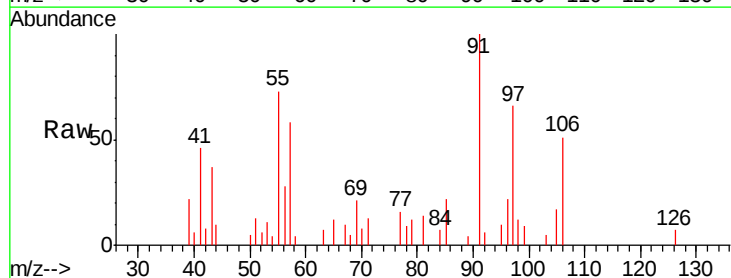


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

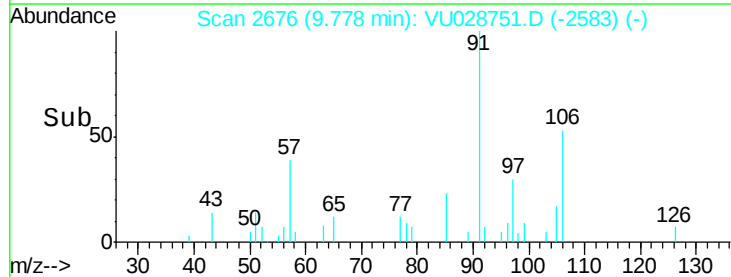
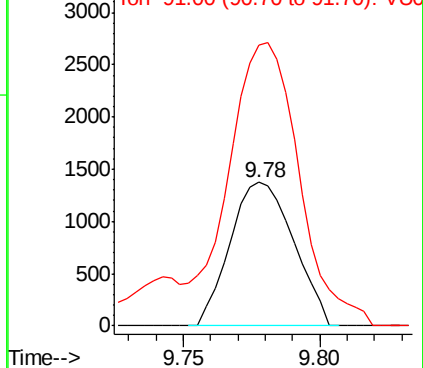


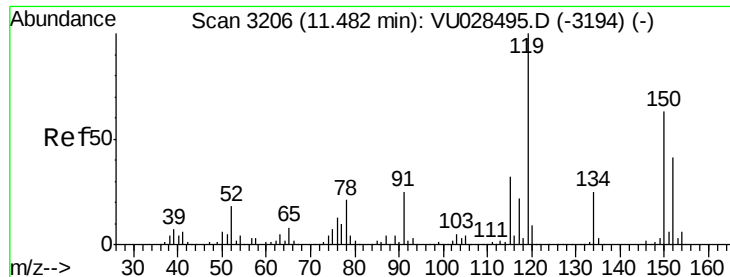
#69
o-Xylene
Concen: 1.142 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU028751.D
Acq: 18 Dec 2018 04:23

Tgt Ion:106 Resp: 2224
Ion Ratio Lower Upper
106 100
91 218.1 111.3 334.0



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: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-K-1218

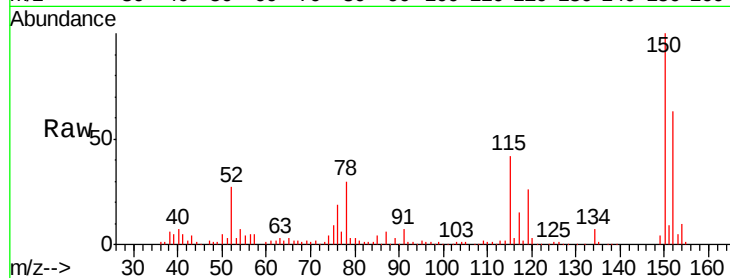
Tgt Ion:152 Resp: 61188

Ion Ratio Lower Upper

152 100

115 67.4 42.7 128.1

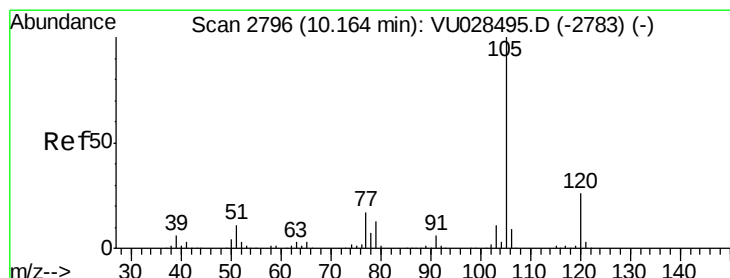
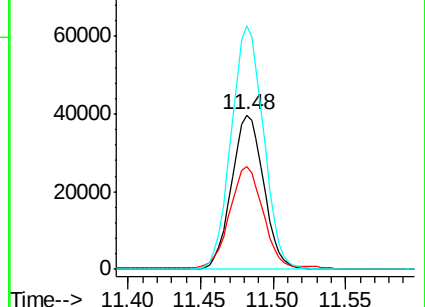
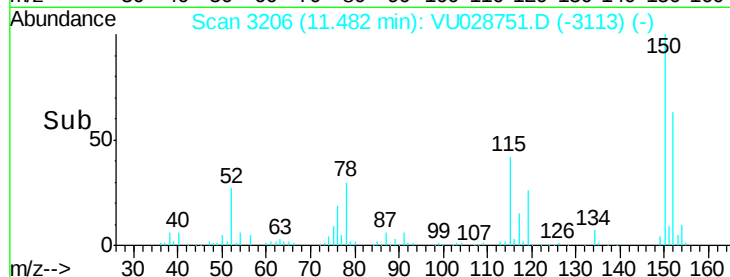
150 158.3 0.0 346.0



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: 212.420 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028751.D

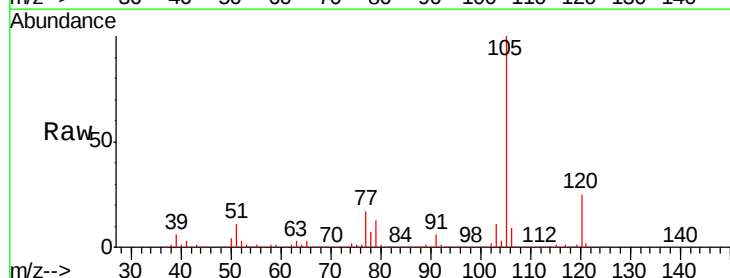
Acq: 18 Dec 2018 04:23

Tgt Ion:105 Resp: 997349

Ion Ratio Lower Upper

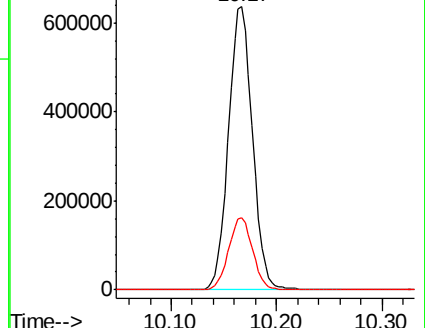
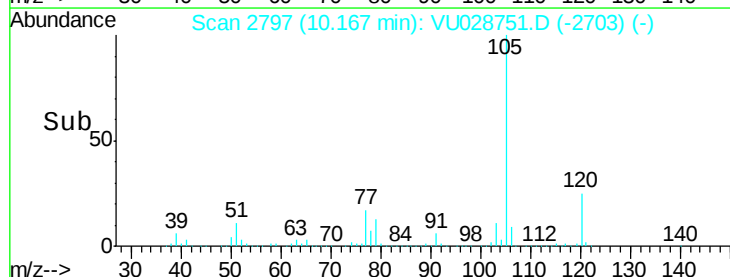
105 100

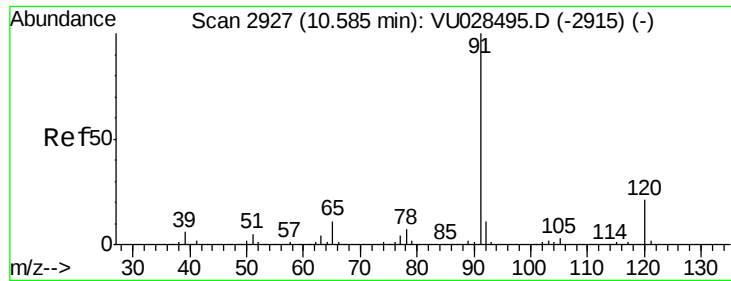
120 25.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 282.555 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

Instrument :

MSVOA_U

ClientSampleId :

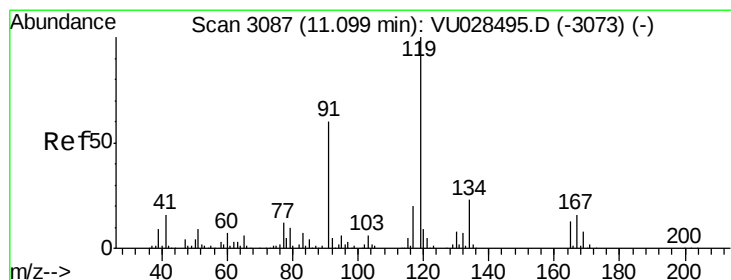
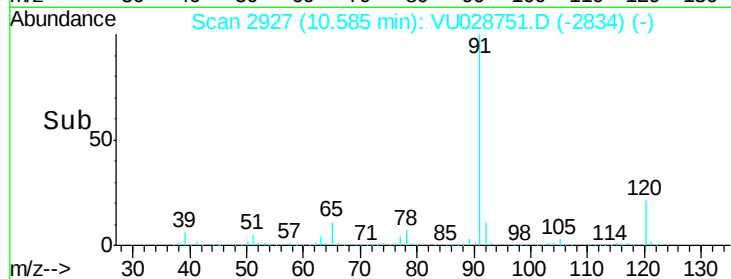
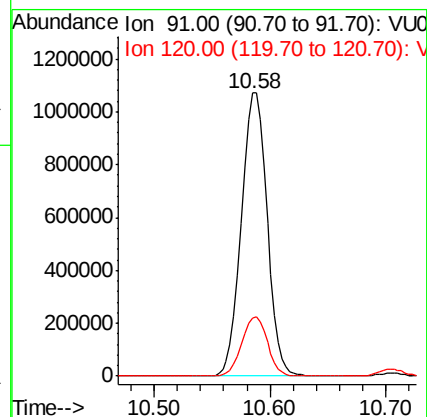
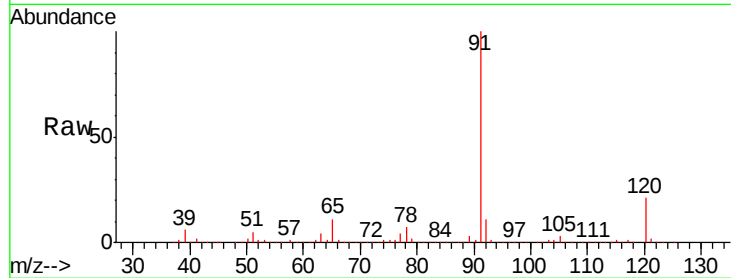
EP1-MW-K-1218

Tgt Ion: 91 Resp: 1648481

Ion Ratio Lower Upper

91 100

120 20.8 10.6 31.8



#83

tert-Butylbenzene

Concen: 25.634 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. 0.00 min

Lab File: VU028751.D

Acq: 18 Dec 2018 04:23

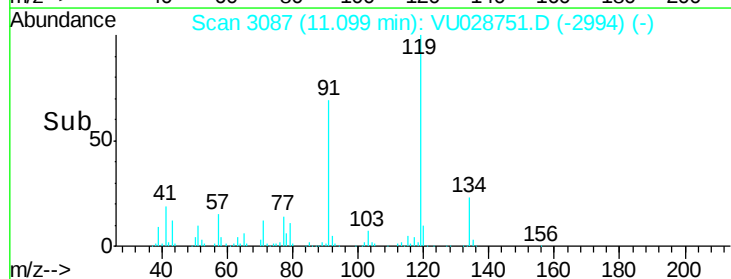
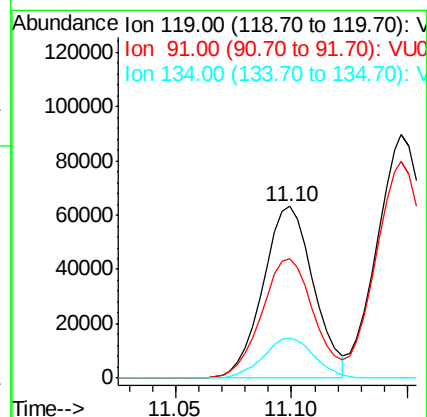
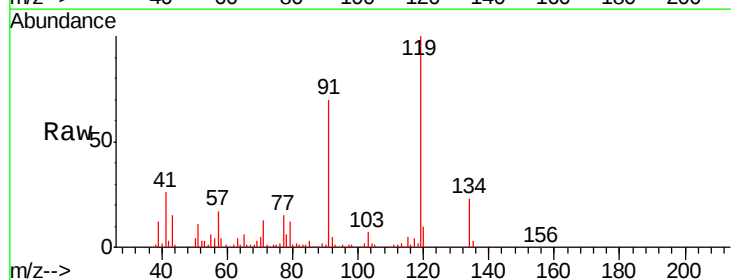
Tgt Ion: 119 Resp: 96026

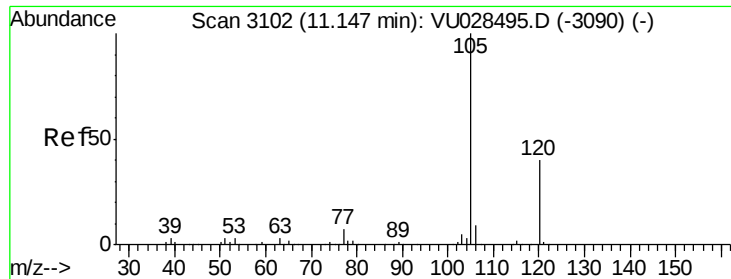
Ion Ratio Lower Upper

119 100

91 71.0 30.3 91.0

134 23.7 11.2 33.5

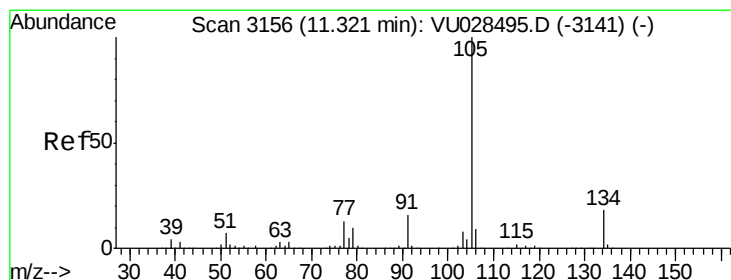
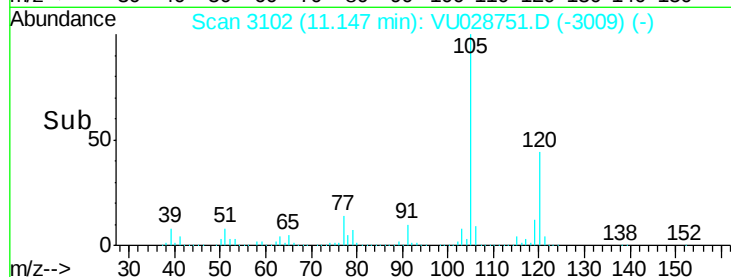
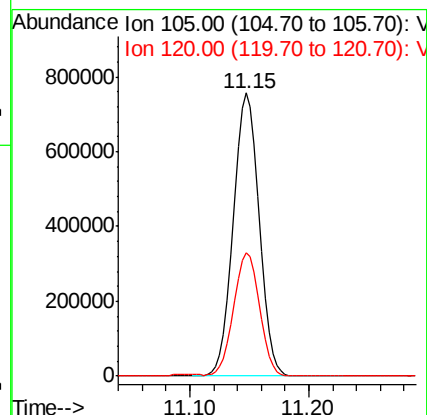
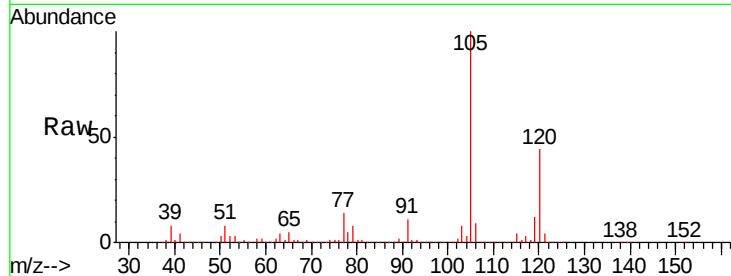




#84
 1,2,4-Trimethylbenzene
 Concen: 283.421 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

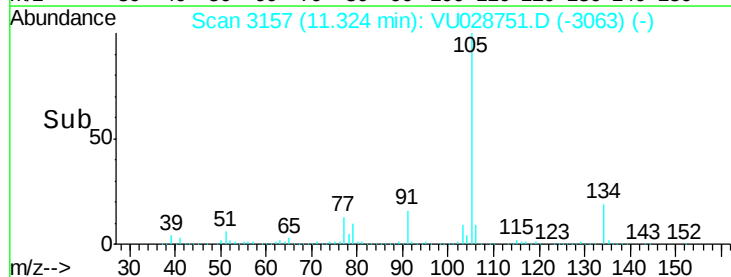
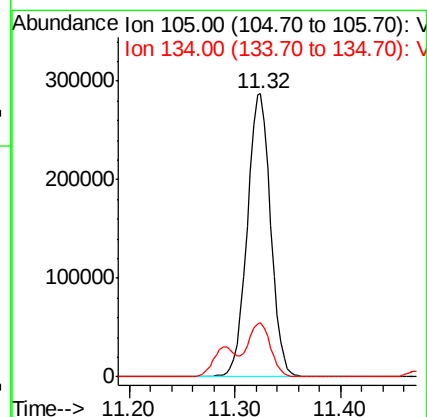
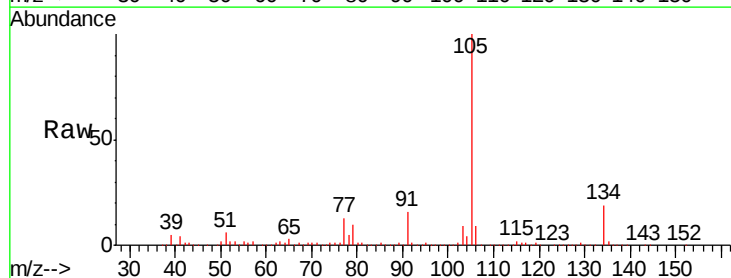
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-K-1218

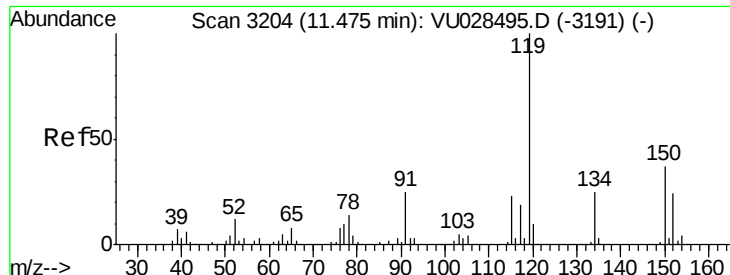
Tgt Ion:105 Resp: 1135209
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.8 65.4



#85
 sec-Butylbenzene
 Concen: 91.386 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Tgt Ion:105 Resp: 439795
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.2 27.6

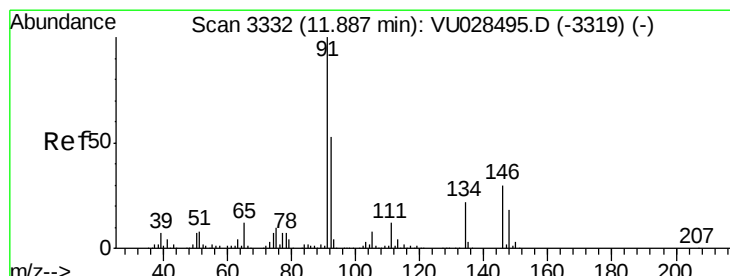
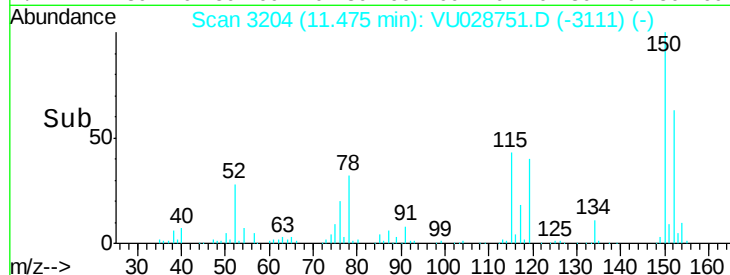
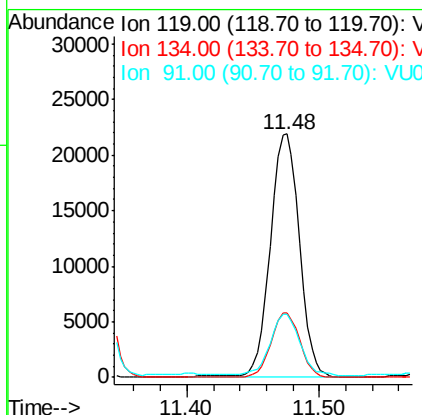
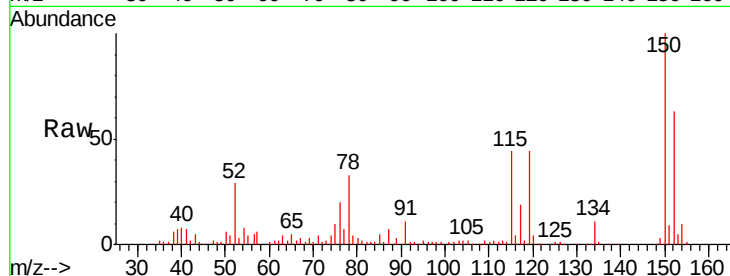




#86
 p-Isopropyltoluene
 Concen: 8.256 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-K-1218

Tgt Ion: 119 Resp: 33752
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 25.7 12.6 37.6



#89
 n-Butylbenzene
 Concen: 48.020 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. 0.00 min
 Lab File: VU028751.D
 Acq: 18 Dec 2018 04:23

Tgt Ion: 91 Resp: 198674
 Ion Ratio Lower Upper
 91 100
 92 46.0 26.3 78.9
 134 0.0 11.3 33.8#

