

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027430.D
 Acq On : 04 Oct 2018 23:53
 Operator : MD/SY
 Sample : J5165-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-E-092718

Quant Time: Oct 05 08:38:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	105898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	189388	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	187010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	107997	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	105621	59.73	ug/l	0.00
Spiked Amount			Recovery	=	119.46%	
35) Dibromofluoromethane	4.89	113	74176	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
50) Toluene-d8	7.57	98	288878	59.47	ug/l	0.00
Spiked Amount			Recovery	=	118.94%	
62) 4-Bromofluorobenzene	10.31	95	114675	63.52	ug/l	0.00
Spiked Amount			Recovery	=	127.04%	

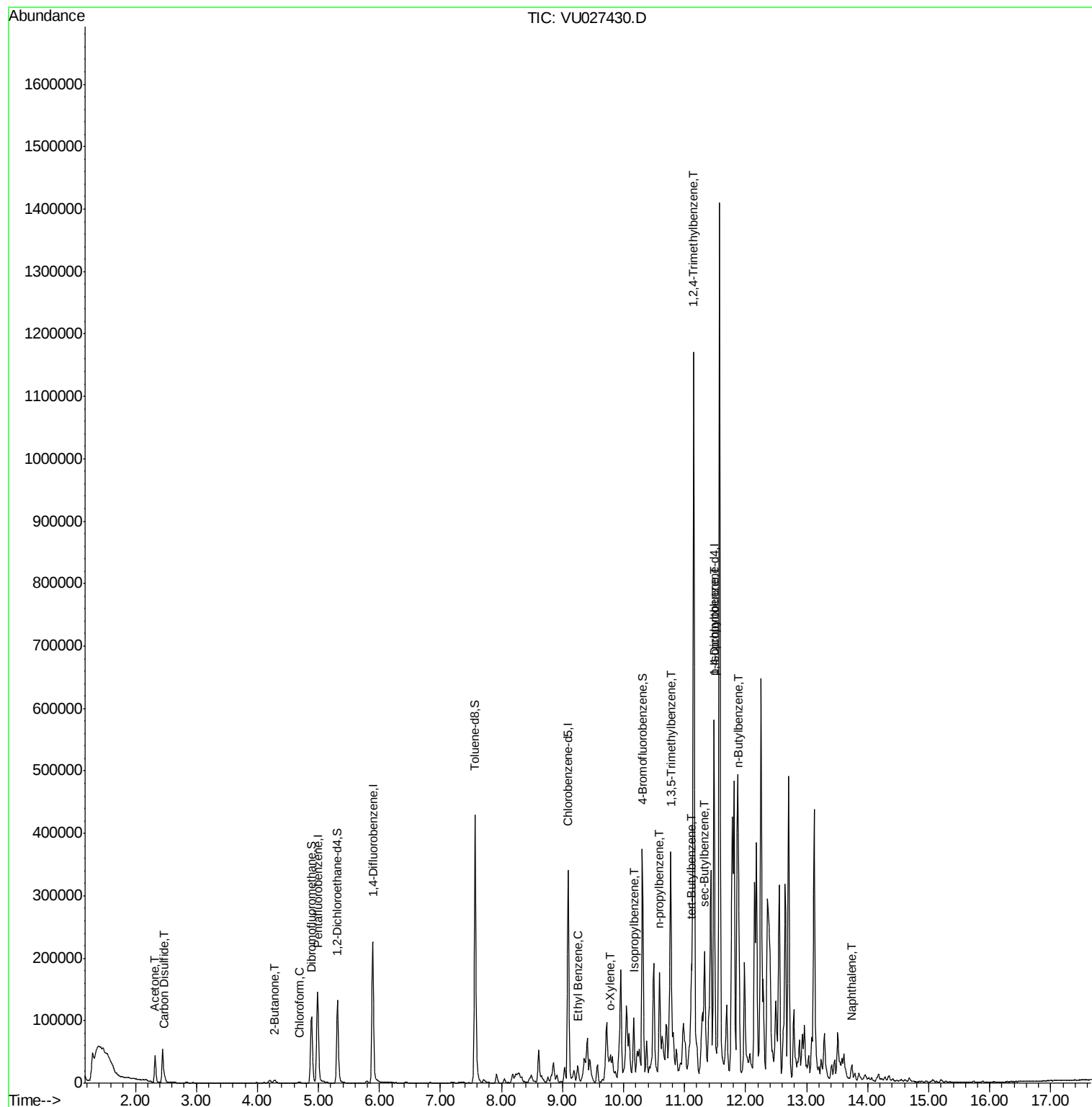
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	46139	44.167	ug/l	97
17) Carbon Disulfide	2.48	76	9910	2.456	ug/l	99
25) 2-Butanone	4.28	43	9071	6.368	ug/l	98
30) Chloroform	4.68	83	1097	0.445	ug/l	90
67) Ethyl Benzene	9.26	91	2726	0.391	ug/l	91
69) o-Xylene	9.78	106	8843	3.648	ug/l	97
73) Isopropylbenzene	10.17	105	51433	6.557	ug/l	100
78) n-propylbenzene	10.59	91	121182	12.857	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	165278	25.882	ug/l	98
83) tert-Butylbenzene	11.10	119	30299	4.908	ug/l	88
84) 1,2,4-Trimethylbenzene	11.15	105	595400	91.274	ug/l	100
85) sec-Butylbenzene	11.32	105	101522	13.052	ug/l	99
86) p-Isopropyltoluene	11.48	119	75390	11.320	ug/l	98
89) n-Butylbenzene	11.89	91	117440	17.919	ug/l #	53
95) Naphthalene	13.75	128	8202	2.631	ug/l #	80

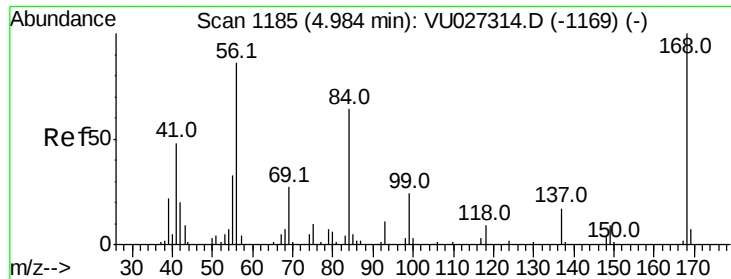
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027430.D

Acq: 04 Oct 2018 23:53

Instrument :

MSVOA_U

ClientSampleId :

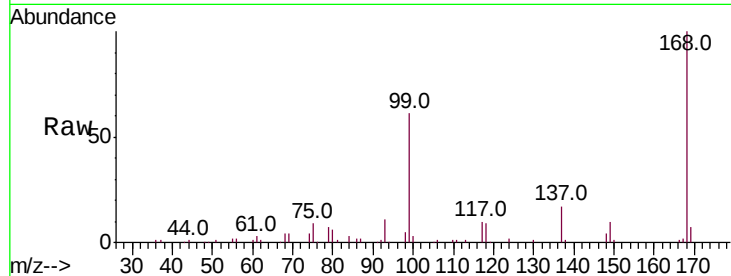
EP1-MW-E-092718

Tot Ion:168 Resp: 105898

Ion Ratio Lower Upper

168 100

99 60.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

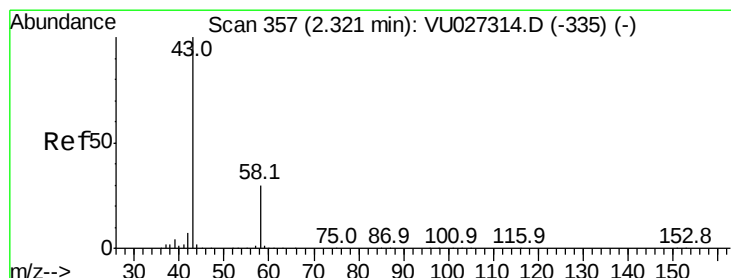
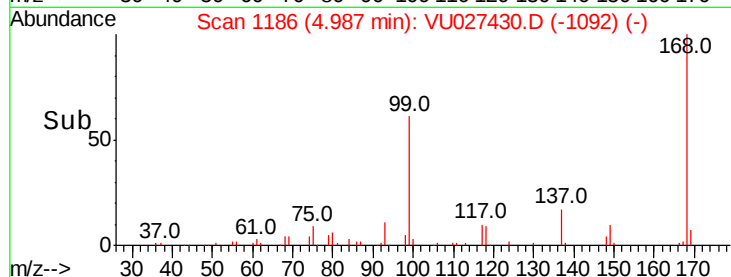
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 44.167 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027430.D

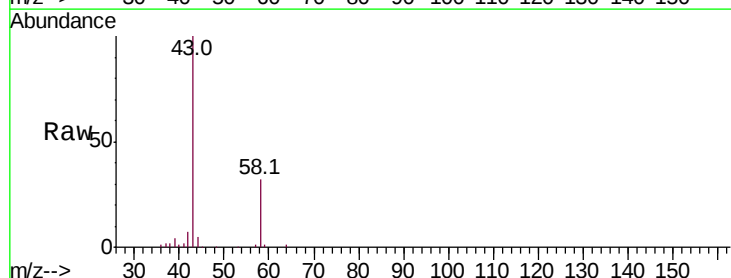
Acq: 04 Oct 2018 23:53

Tgt Ion: 43 Resp: 46139

Ion Ratio Lower Upper

43 100

58 31.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

30000

25000

20000

15000

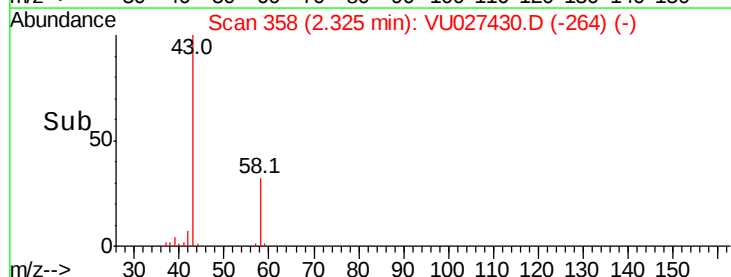
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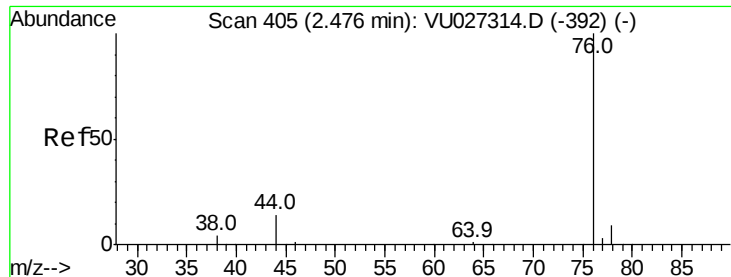
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0

2.25 2.30 2.35 2.40

Time-->

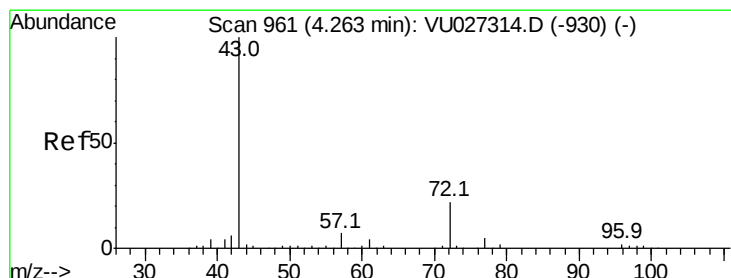
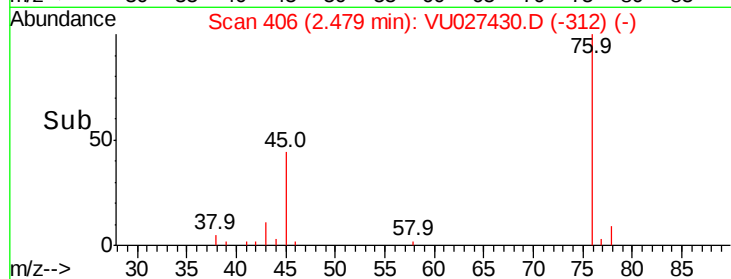
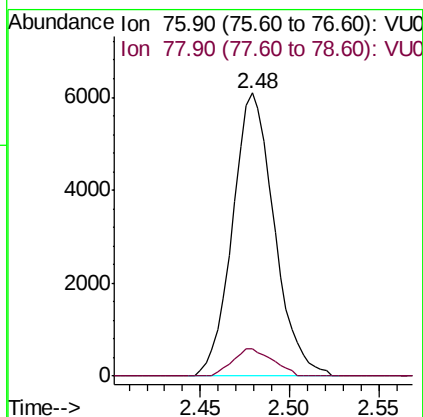
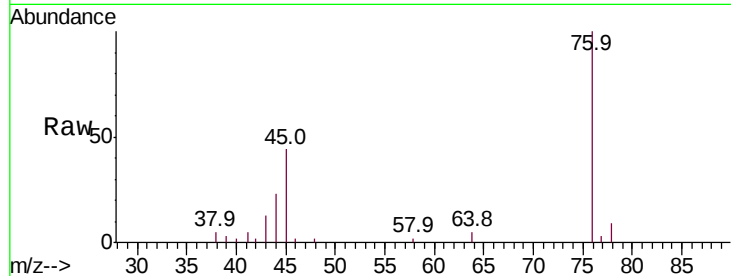




#17
Carbon Disulfide
Concen: 2.456 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

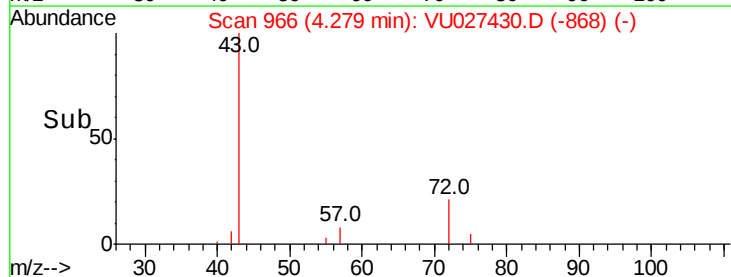
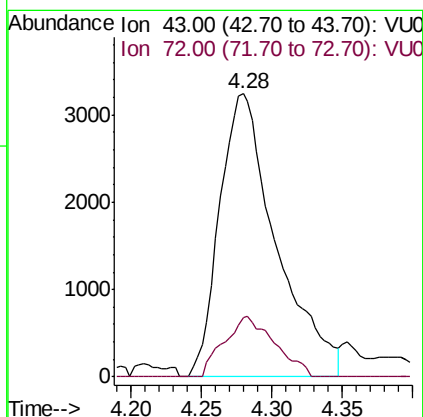
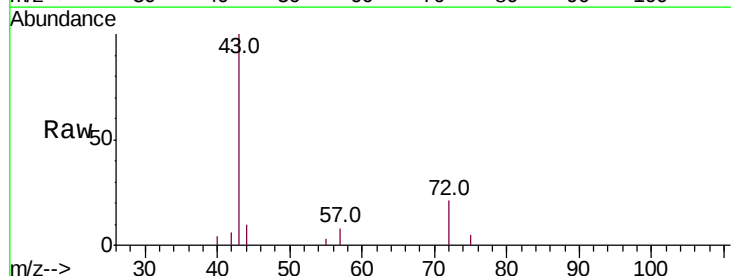
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-E-092718

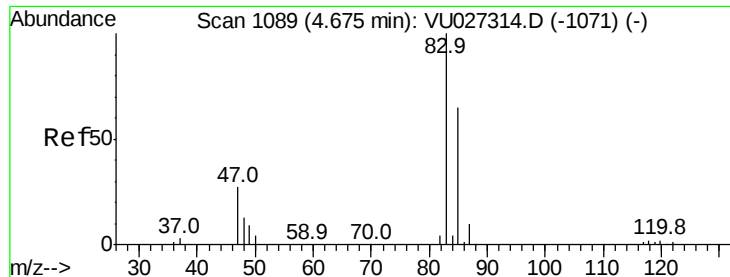
Tot Ion: 76 Resp: 9910
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#25
2-Butanone
Concen: 6.368 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 43 Resp: 9071
Ion Ratio Lower Upper
43 100
72 21.1 17.8 26.6





#30

Chloroform

Concen: 0.445 ug/l

RT: 4.68 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VU027430.D

Acq: 04 Oct 2018 23:53

Instrument :

MSVOA_U

ClientSampleId :

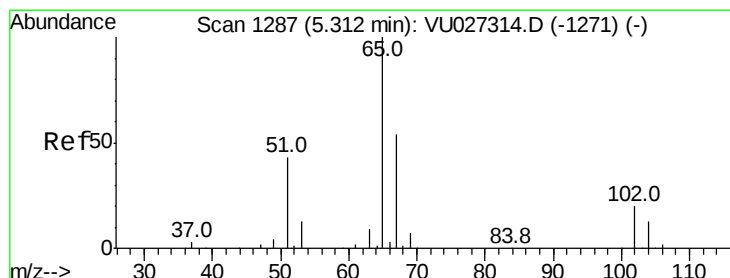
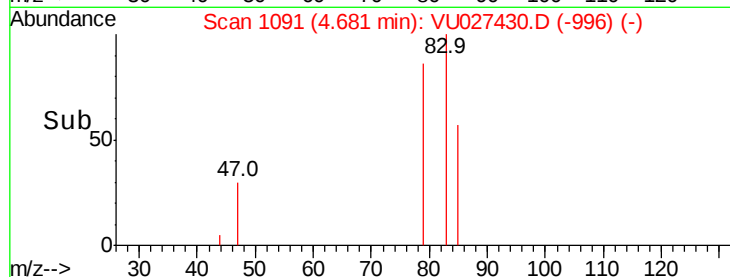
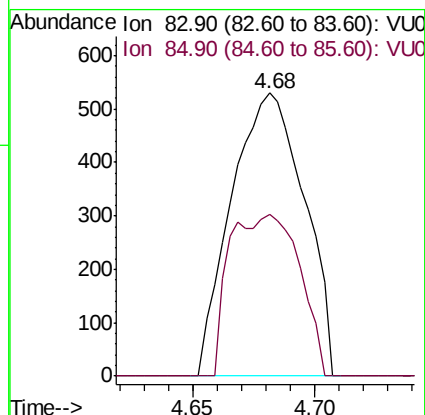
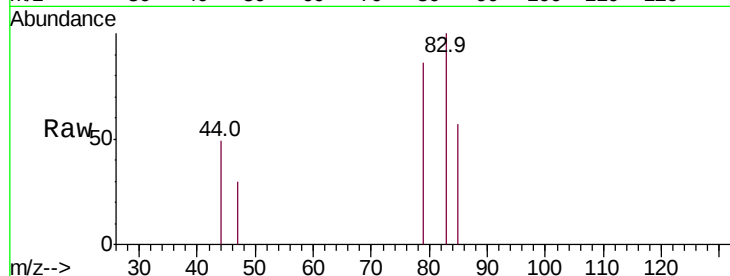
EP1-MW-E-092718

Tot Ion: 83 Resp: 1097

Ion Ratio Lower Upper

83 100

85 57.0 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 59.730 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027430.D

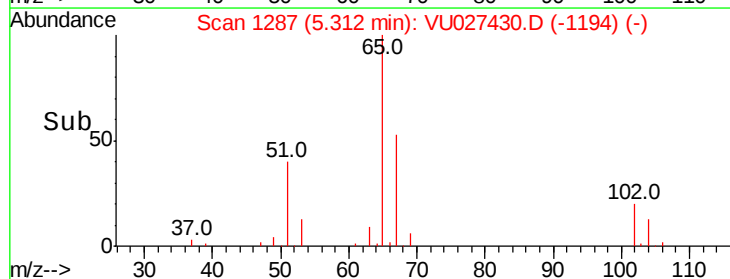
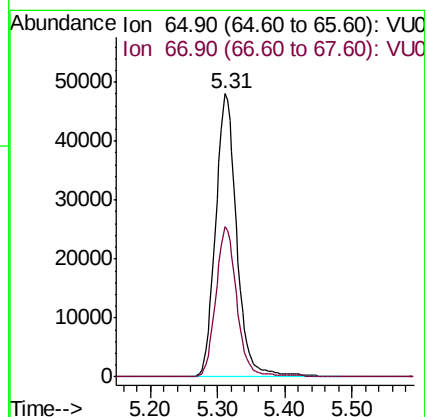
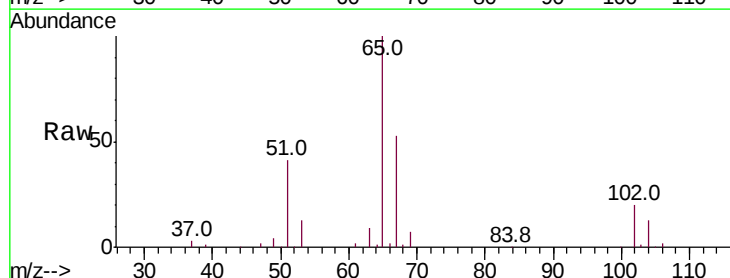
Acq: 04 Oct 2018 23:53

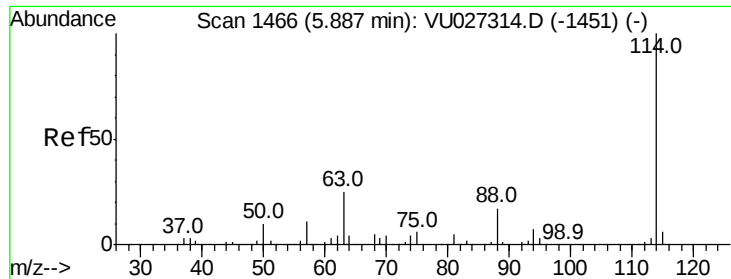
Tgt Ion: 65 Resp: 105621

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.8

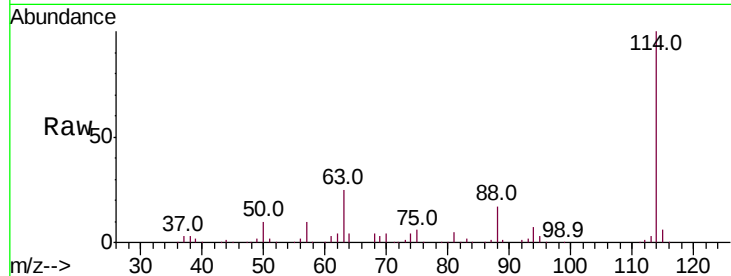




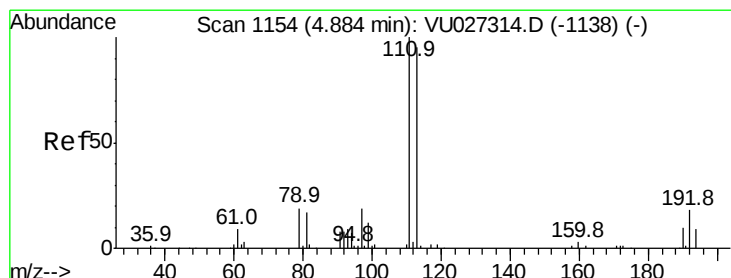
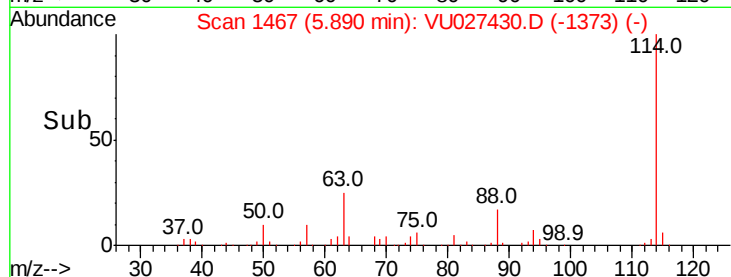
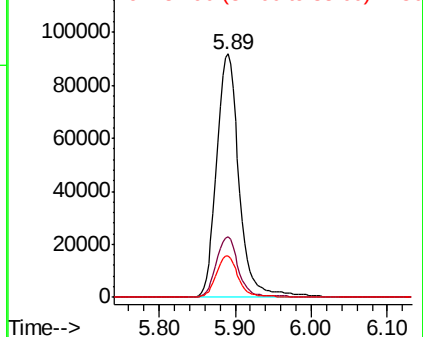
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027430.D
 Acq: 04 Oct 2018 23:53

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-E-092718

Tot Ion:114 Resp: 189388
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 50.2
 88 17.0 0.0 33.8

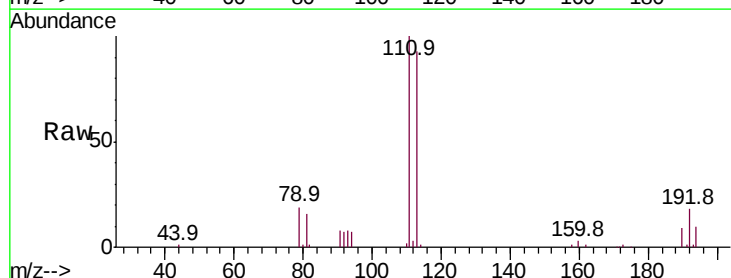


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

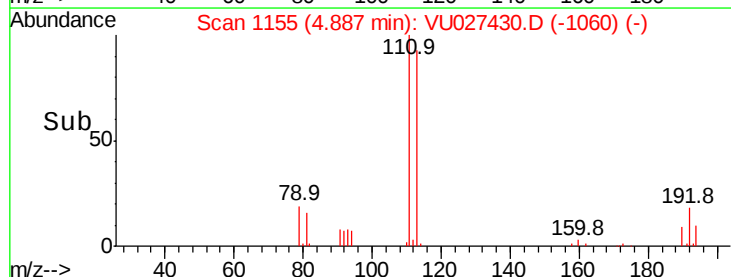
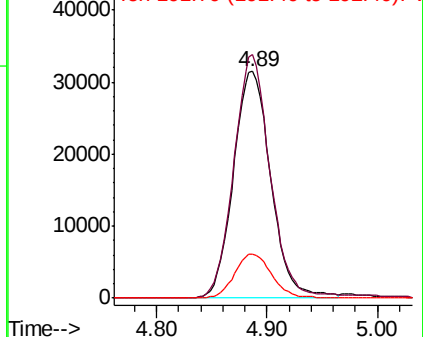


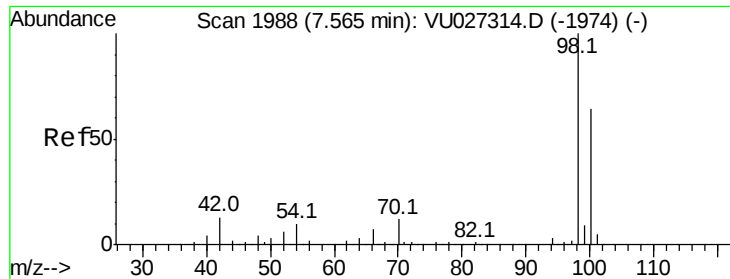
#35
 Dibromofluoromethane
 Concen: 57.149 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027430.D
 Acq: 04 Oct 2018 23:53

Tgt Ion:113 Resp: 74176
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.1 124.7
 192 19.3 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

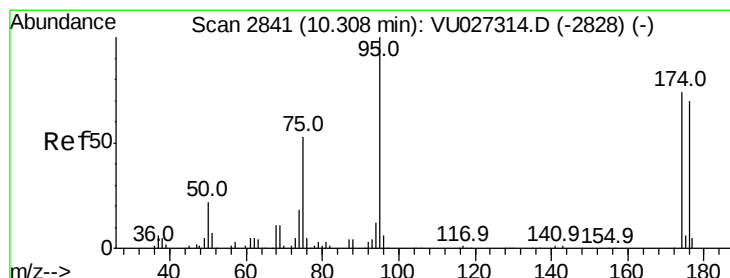
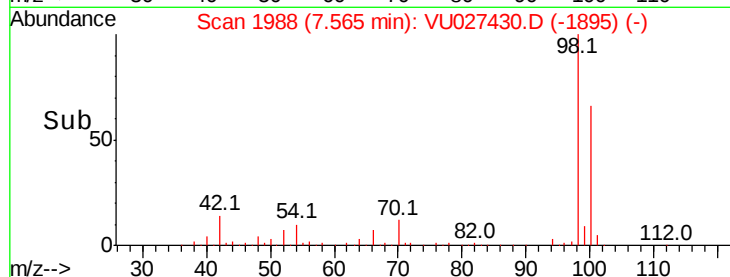
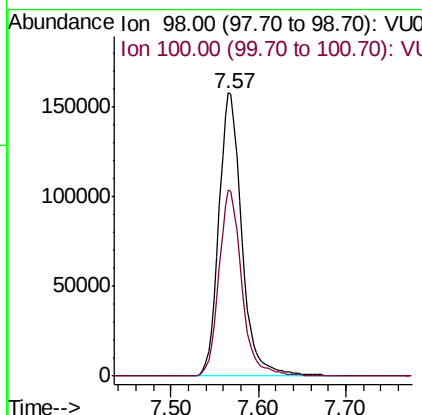
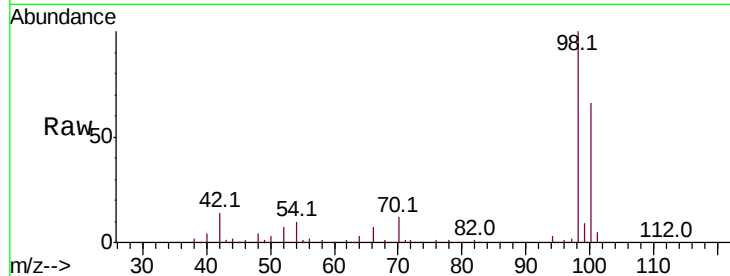




#50
Toluene-d8
Concen: 59.467 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

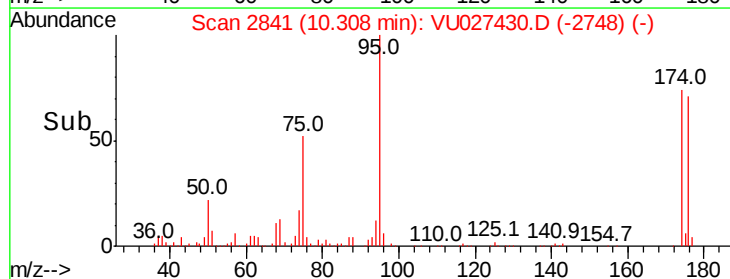
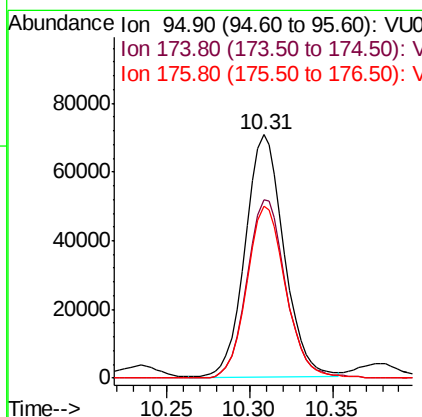
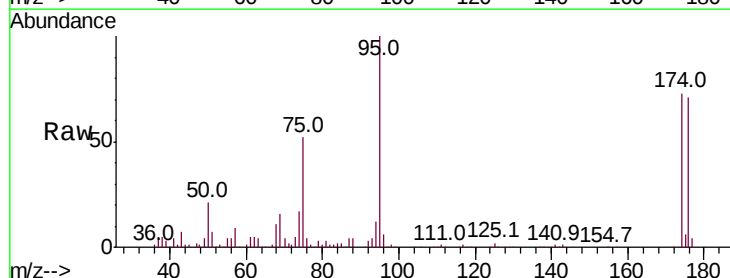
Instrument :
MSVOA_U
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EP1-MW-E-092718

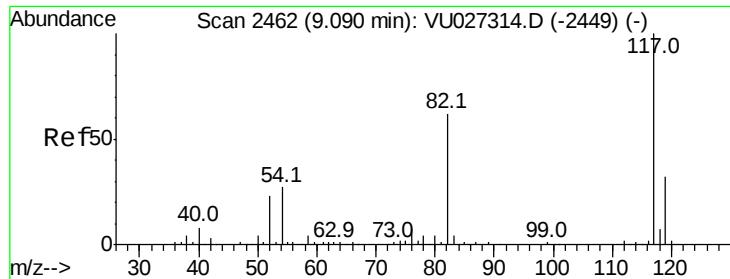
Tot Ion: 98 Resp: 288878
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 63.520 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 95 Resp: 114675
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.8
176 71.3 0.0 140.8

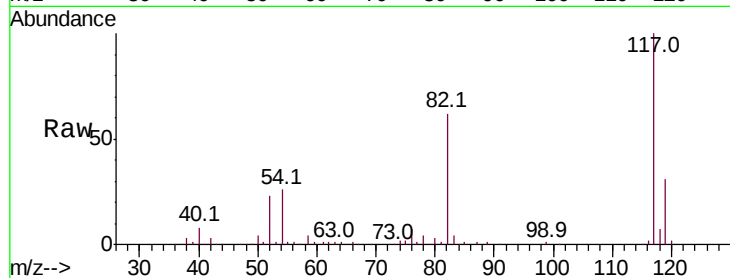




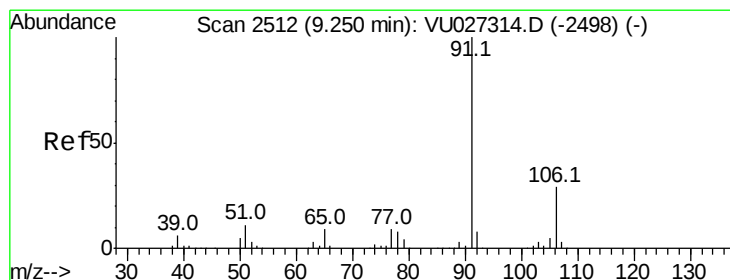
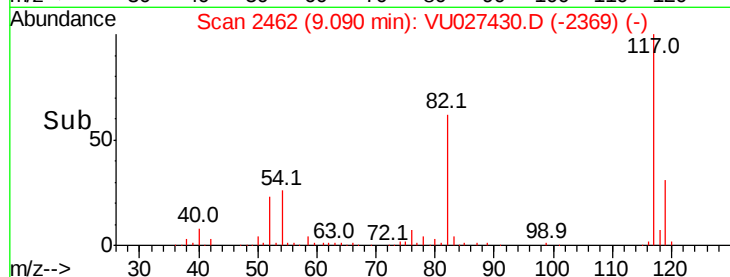
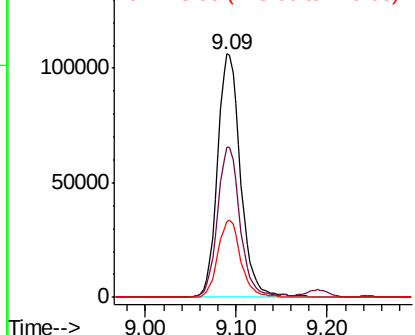
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-E-092718

Tot Ion:117 Resp: 187010
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 31.0 25.7 38.5

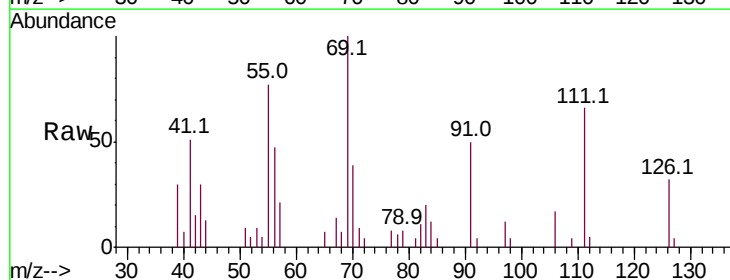


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

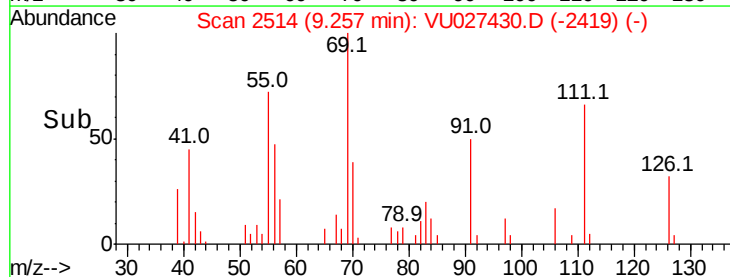
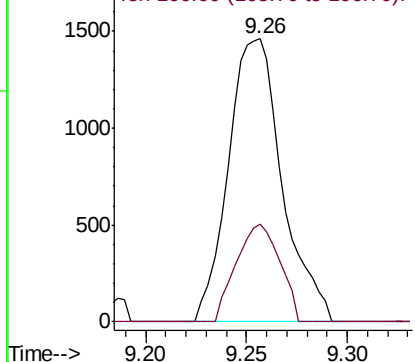


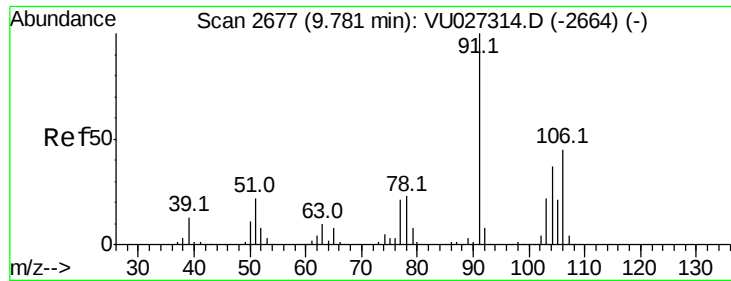
#67
Ethyl Benzene
Concen: 0.391 ug/l
RT: 9.26 min Scan# 2514
Delta R.T. 0.01 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 91 Resp: 2726
Ion Ratio Lower Upper
91 100
106 34.4 23.6 35.4



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

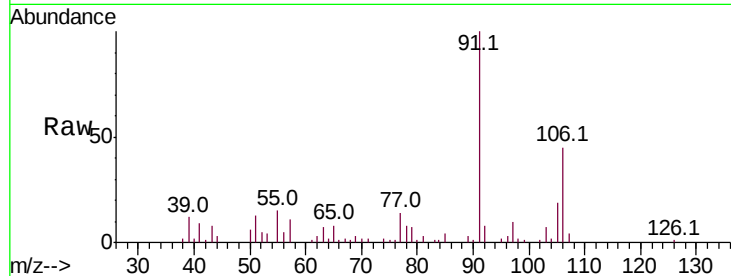




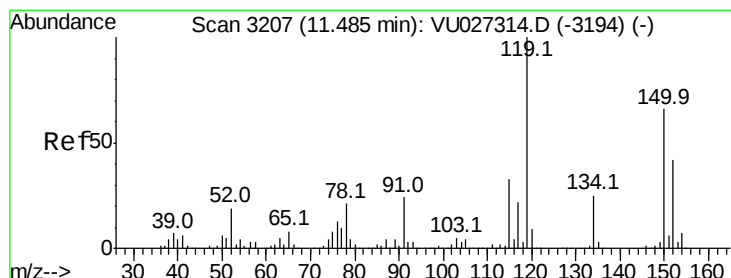
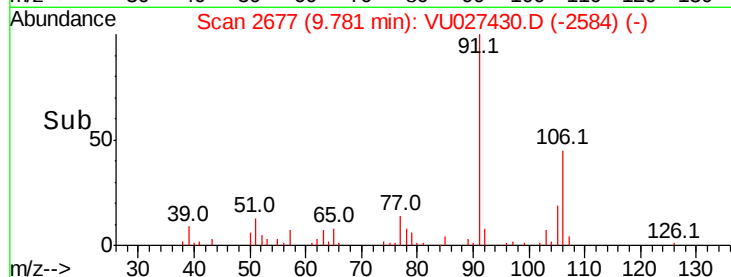
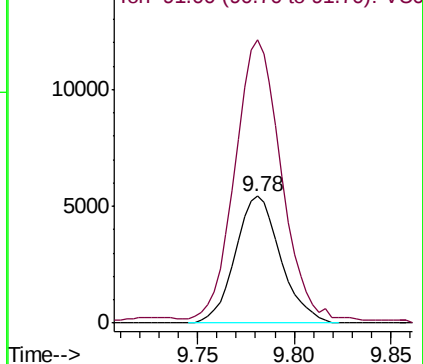
#69
o-Xylene
Concen: 3.648 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-E-092718

Tot Ion:106 Resp: 8843
Ion Ratio Lower Upper
106 100
91 228.4 111.7 334.9

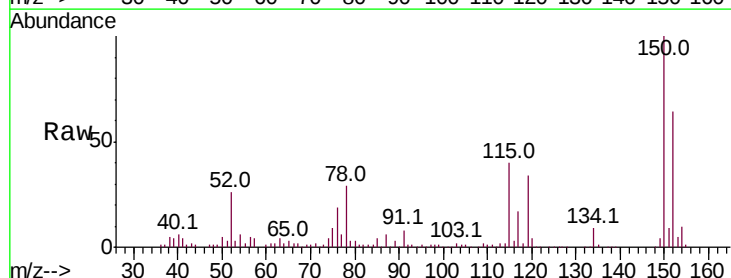


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

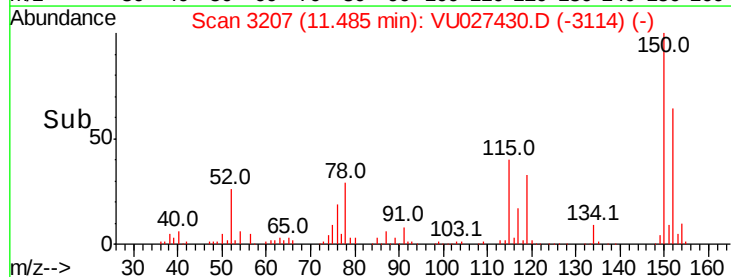
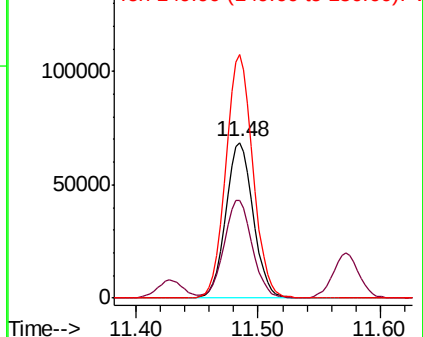


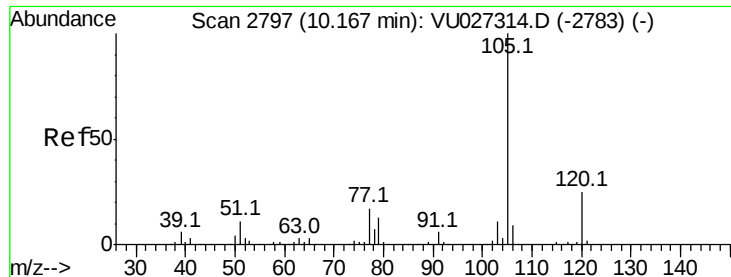
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion:152 Resp: 107997
Ion Ratio Lower Upper
152 100
115 64.9 43.4 130.2
150 155.3 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: 6.557 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027430.D

Acq: 04 Oct 2018 23:53

Instrument :

MSVOA_U

ClientSampleId :

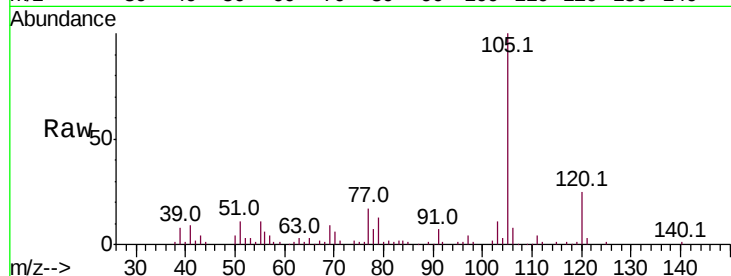
EP1-MW-E-092718

Tot Ion:105 Resp: 51433

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

30000

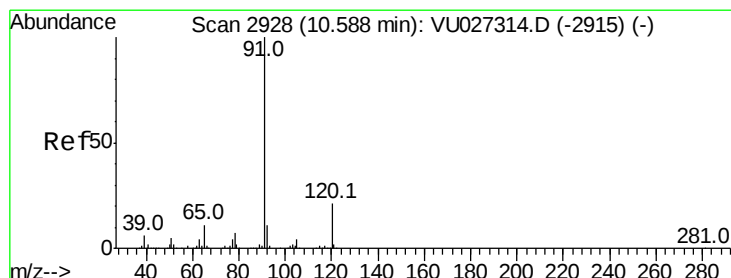
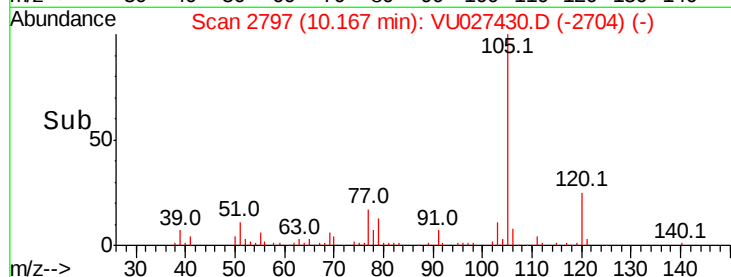
20000

10000

0

Time-->

10.10 10.15 10.20 10.25



#78

n-propylbenzene

Concen: 12.857 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027430.D

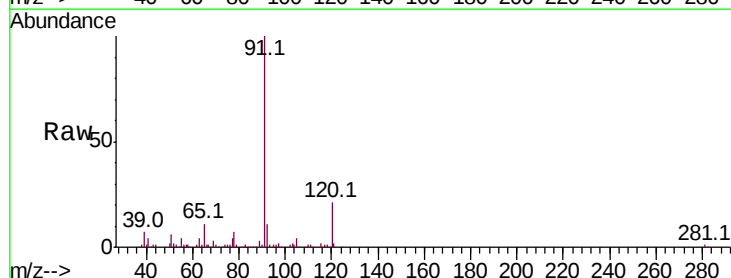
Acq: 04 Oct 2018 23:53

Tgt Ion: 91 Resp: 121182

Ion Ratio Lower Upper

91 100

120 21.3 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

10.59

80000

60000

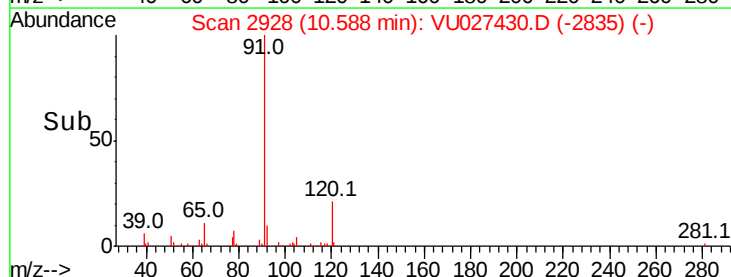
40000

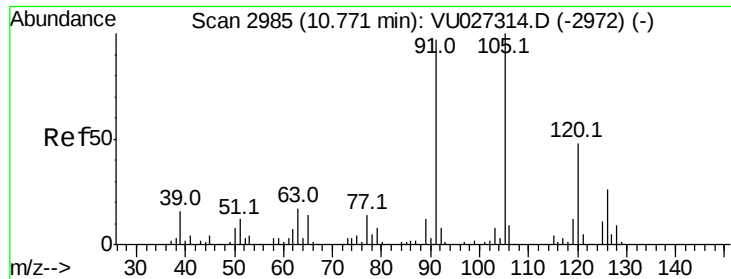
20000

0

Time-->

10.50 10.55 10.60 10.65

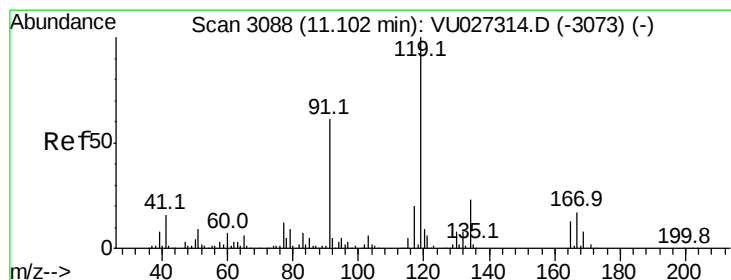
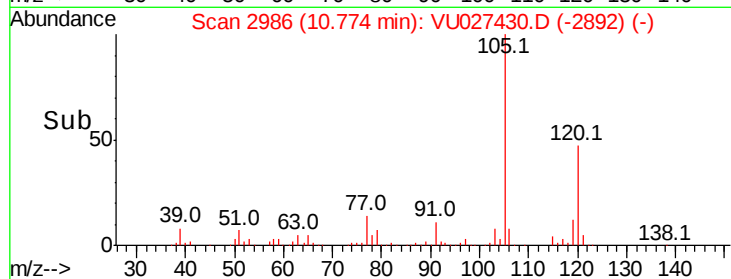
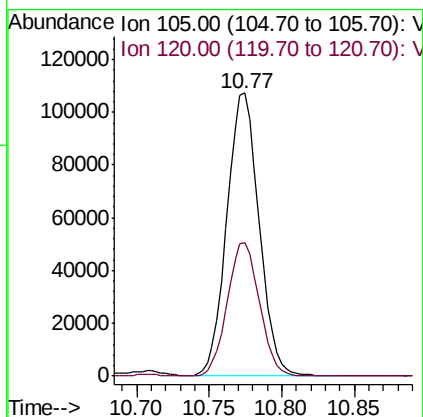
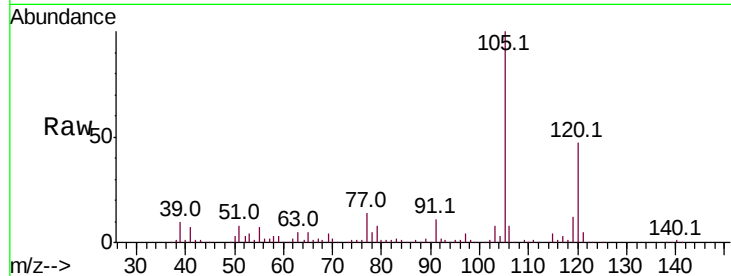




#80
 1,3,5-Trimethylbenzene
 Concen: 25.882 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027430.D
 Acq: 04 Oct 2018 23:53

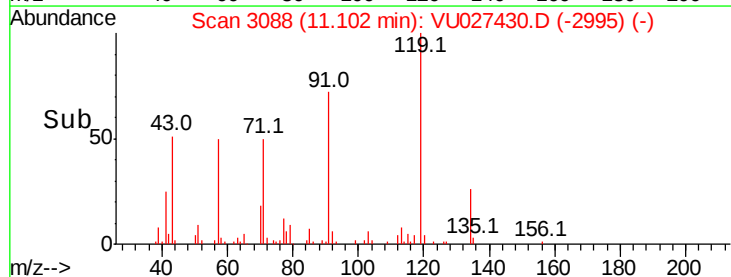
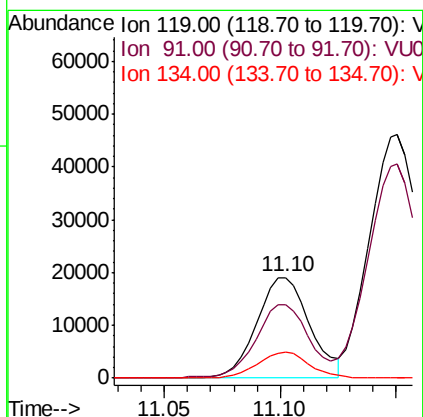
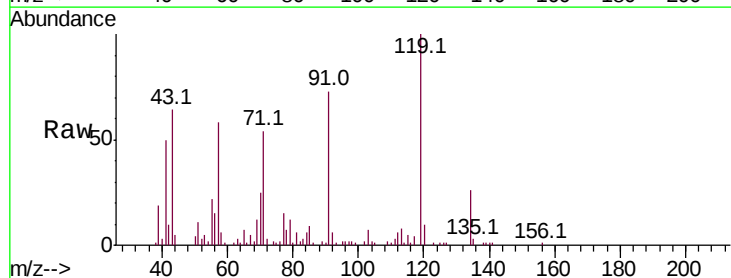
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-E-092718

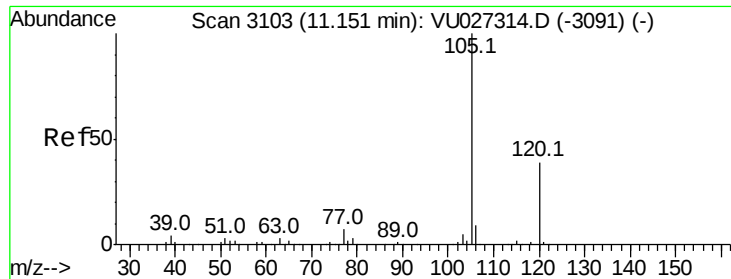
Tot Ion:105 Resp: 165278
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.1 72.4



#83
 tert-Butylbenzene
 Concen: 4.908 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027430.D
 Acq: 04 Oct 2018 23:53

Tgt Ion:119 Resp: 30299
 Ion Ratio Lower Upper
 119 100
 91 71.9 30.3 91.0
 134 25.3 11.5 34.4

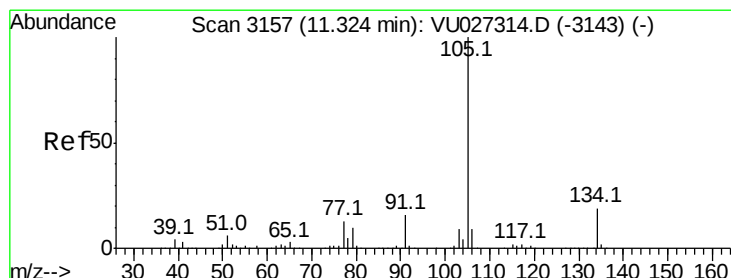
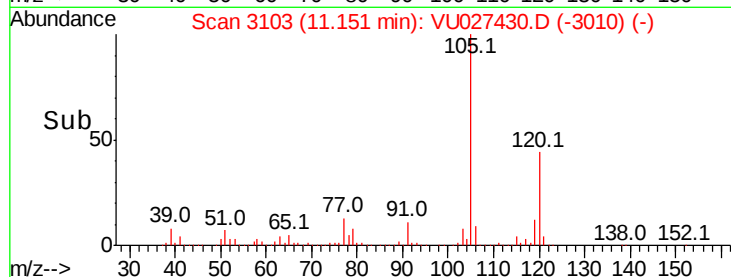
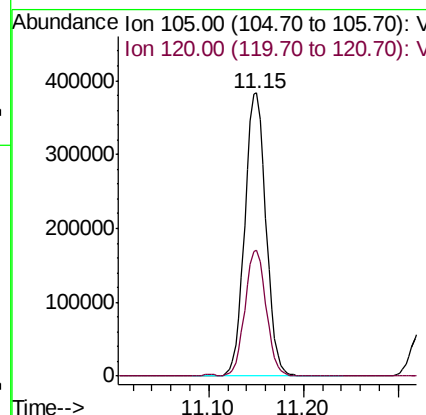
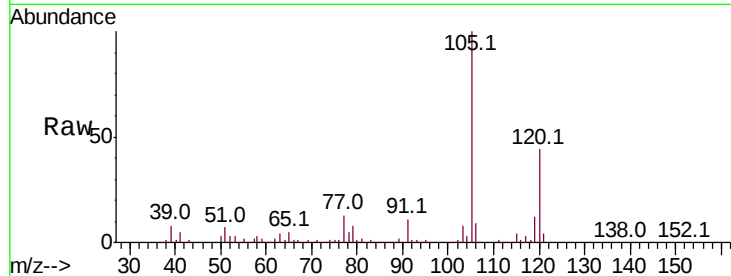




#84
 1,2,4-Trimethylbenzene
 Concen: 91.274 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027430.D
 Acq: 04 Oct 2018 23:53

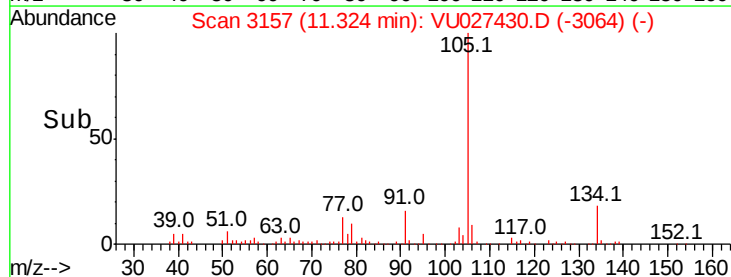
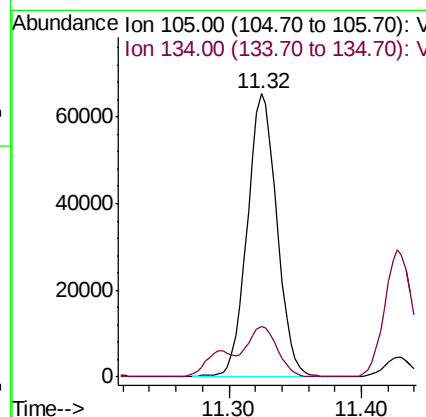
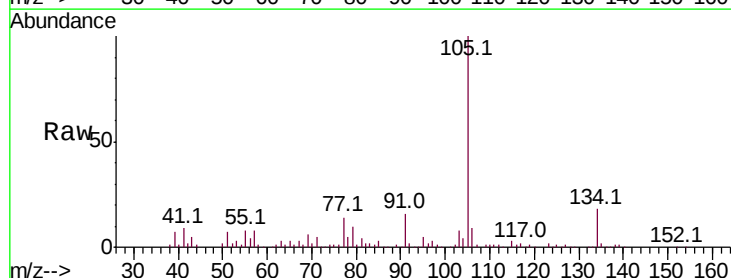
Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-E-092718

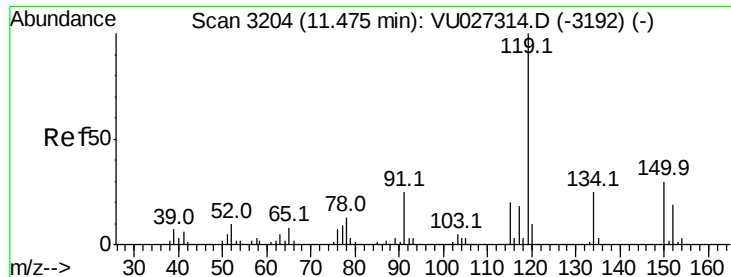
Tot Ion:105 Resp: 595400
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 13.052 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: VU027430.D
 Acq: 04 Oct 2018 23:53

Tgt Ion:105 Resp: 101522
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.6 28.6

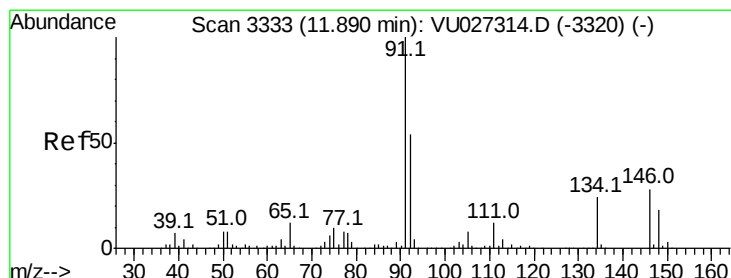
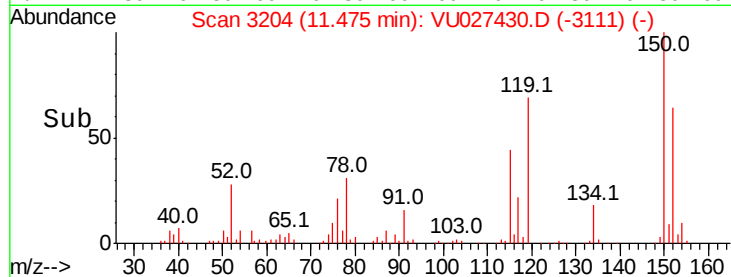
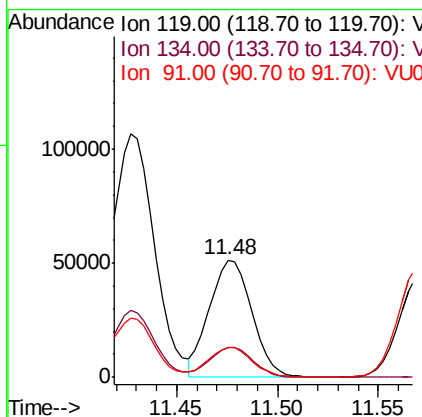
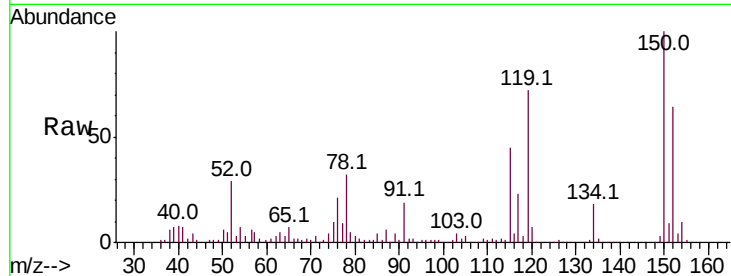




#86
p-Isopropyltoluene
Concen: 11.320 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

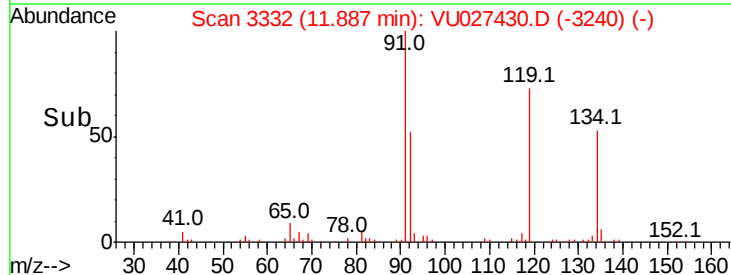
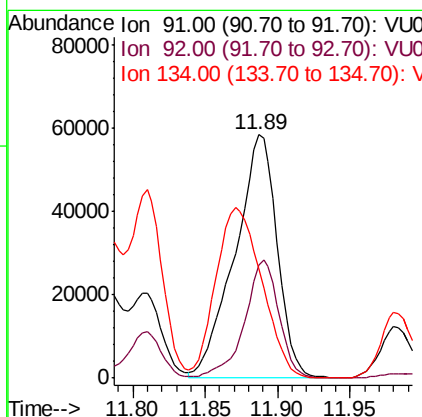
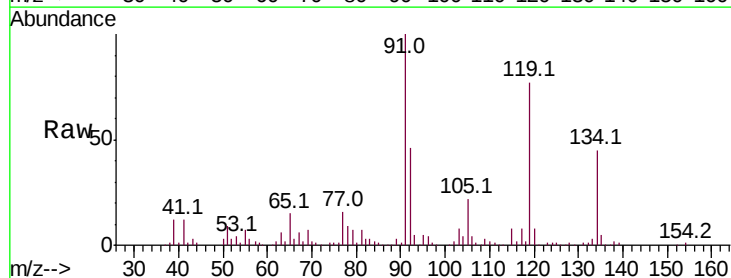
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-E-092718

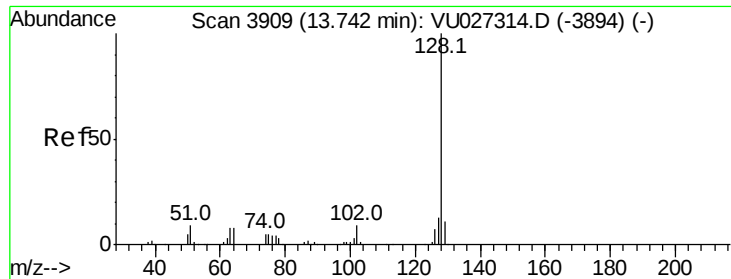
Tot Ion:119 Resp: 75390
Ion Ratio Lower Upper
119 100
134 26.0 12.7 38.1
91 25.8 12.2 36.4



#89
n-Butylbenzene
Concen: 17.919 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Tgt Ion: 91 Resp: 117440
Ion Ratio Lower Upper
91 100
92 39.9 27.0 81.0
134 76.9 11.7 35.1#

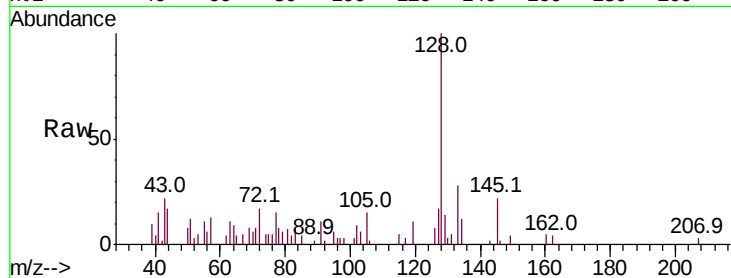




#95
Naphthalene
Concen: 2.631 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027430.D
Acq: 04 Oct 2018 23:53

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-E-092718

Tot Ion:128 Resp: 8202
Ion Ratio Lower Upper
128 100
127 19.1 10.5 15.7#
129 20.9 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

