

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027408.D
 Acq On : 04 Oct 2018 15:05
 Operator : MD/SY
 Sample : J5084-05DL 400X
 Misc : 5.61g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-7(8-8.5)DL

Quant Time: Oct 05 04:45:06 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

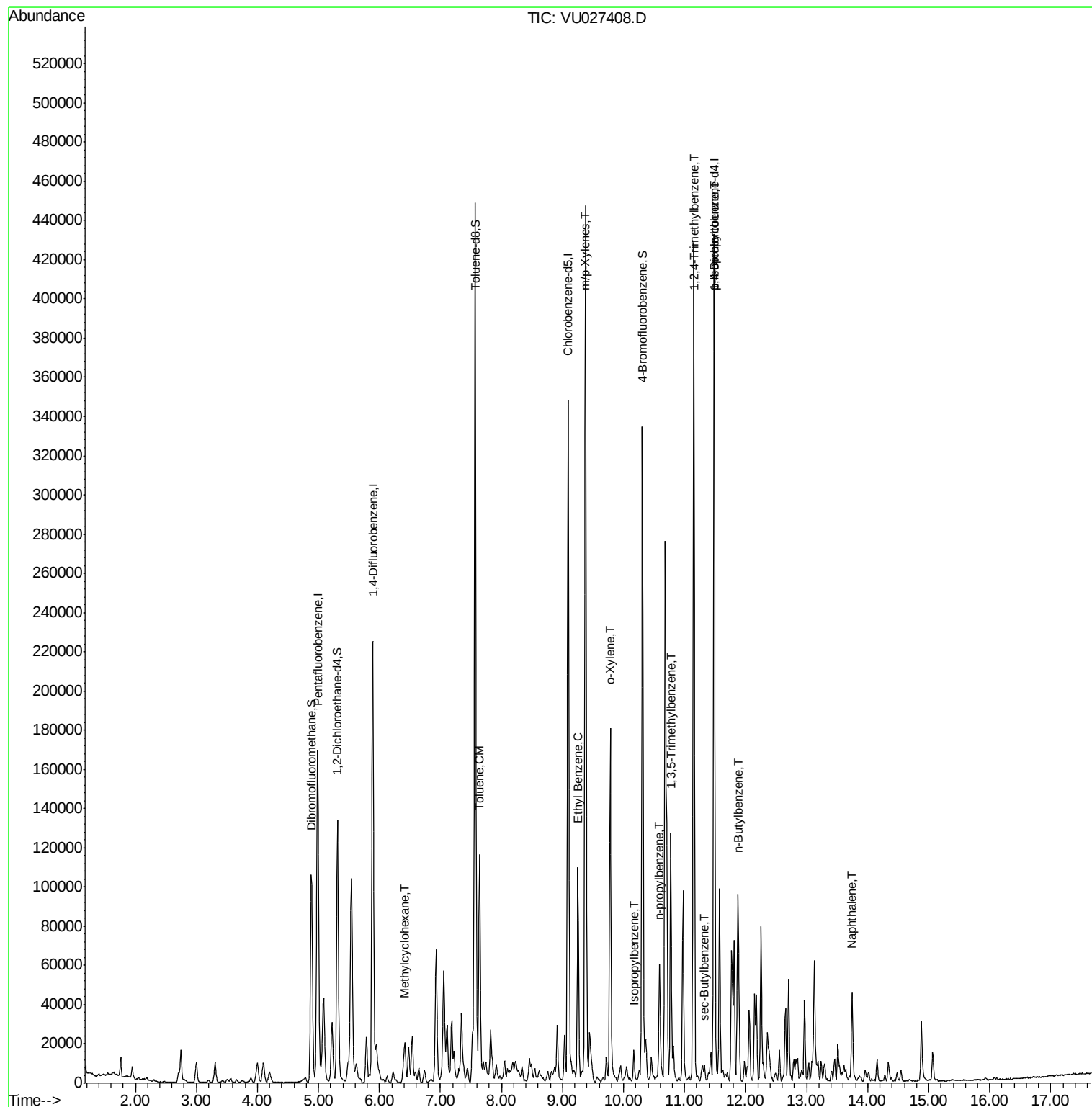
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	105273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	189177	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	100795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	105844	60.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.42%	
35) Dibromofluoromethane	4.89	113	73561	56.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.48%	
50) Toluene-d8	7.57	98	294155	60.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.24%	
62) 4-Bromofluorobenzene	10.31	95	107748	59.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.50%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	6.42	83	7722	3.216	ug/l	94
52) Toluene	7.64	92	47202	13.329	ug/l	100
67) Ethyl Benzene	9.25	91	69564	10.279	ug/l	98
68) m/p-Xylenes	9.38	106	119110	48.115	ug/l	100
69) o-Xylene	9.78	106	44267	18.817	ug/l	96
73) Isopropylbenzene	10.17	105	9194	1.256	ug/l	97
78) n-propylbenzene	10.59	91	44501	5.059	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	63990	10.736	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	219262	36.014	ug/l	100
85) sec-Butylbenzene	11.32	105	5343m	0.736	ug/l	
86) p-Isopropyltoluene	11.48	119	2754m	0.443	ug/l	
89) n-Butylbenzene	11.89	91	21335	5.058	ug/l #	41
95) Naphthalene	13.75	128	35110	6.114	ug/l	99

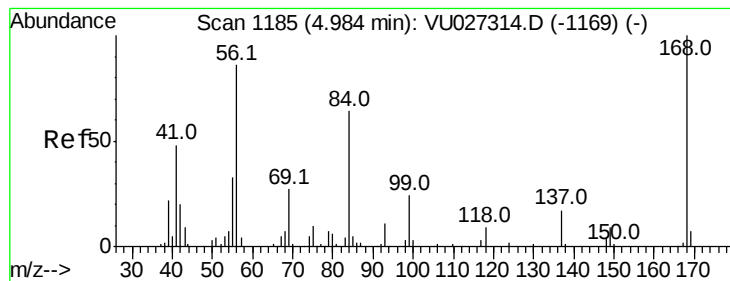
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-7(8-8.5)DL

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
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: VU027408.D

Acq: 04 Oct 2018 15:05

Instrument :

MSVOA_U

ClientSampleId :

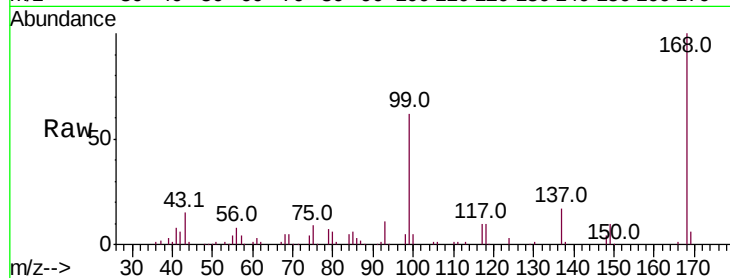
B-7(8-8.5)DL

Tot Ion:168 Resp: 105273

Ion Ratio Lower Upper

168 100

99 62.1 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

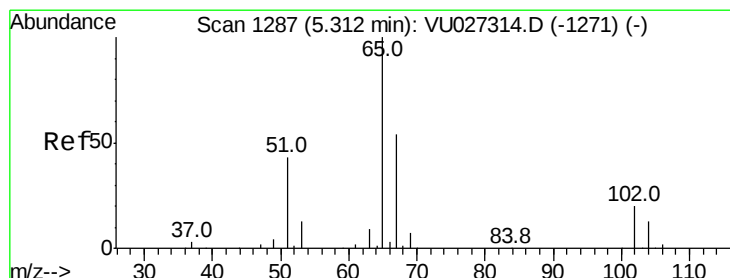
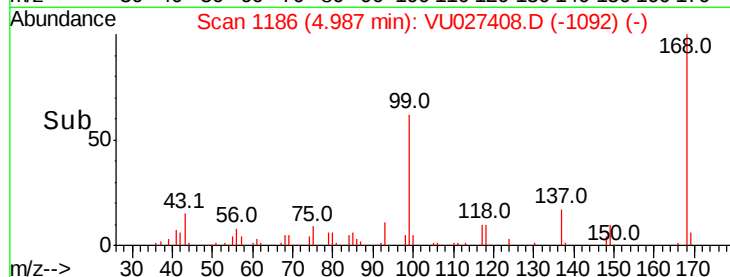
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.211 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027408.D

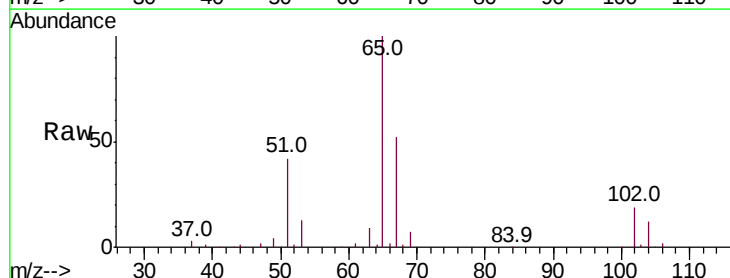
Acq: 04 Oct 2018 15:05

Tgt Ion: 65 Resp: 105844

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU027314.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU027314.D (-1271) (-)

5.31

50000

40000

30000

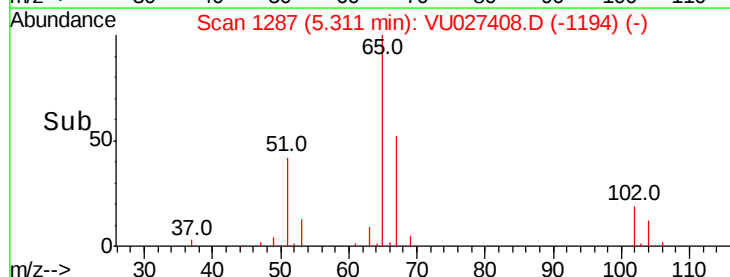
20000

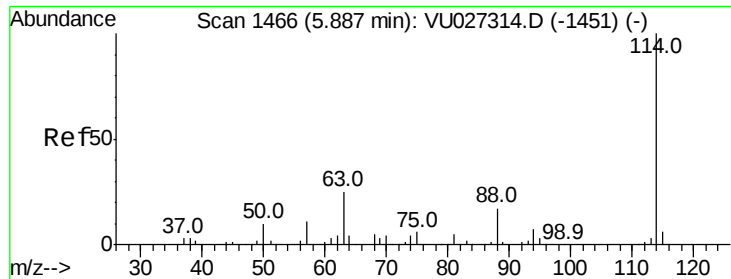
10000

0

5.20 5.30 5.40

Time-->

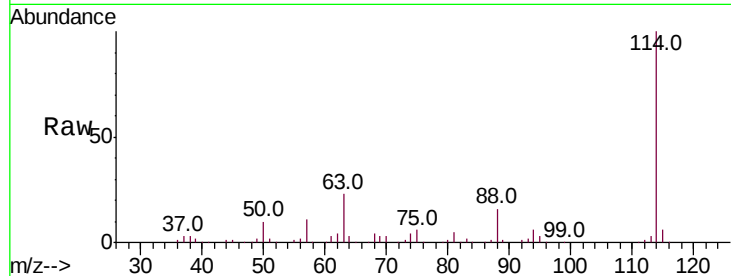




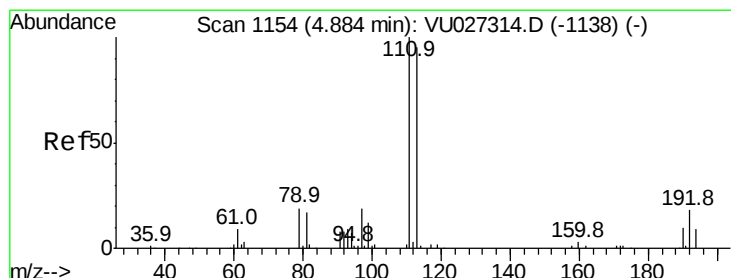
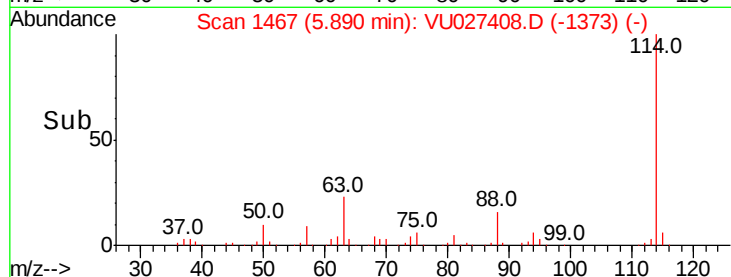
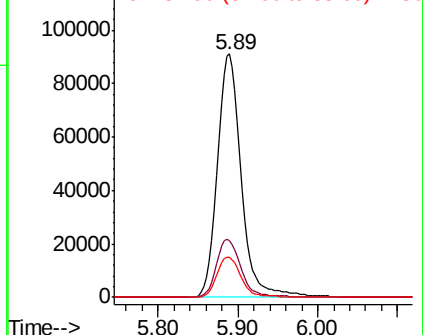
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027408.D
 Acq: 04 Oct 2018 15:05

Instrument :
 MSVOA_U
 ClientSampleId :
 B-7(8-8.5)DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	50.2
88	16.4	0.0	33.8

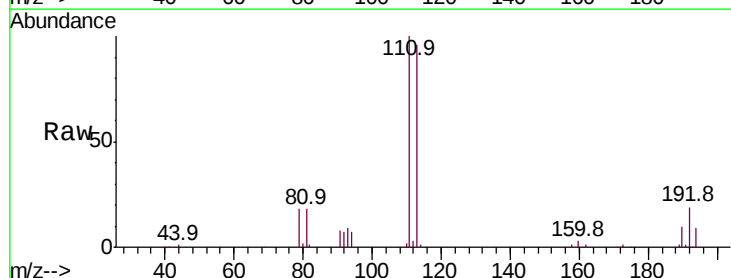


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

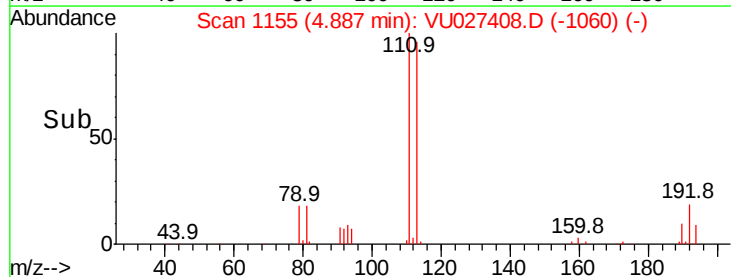
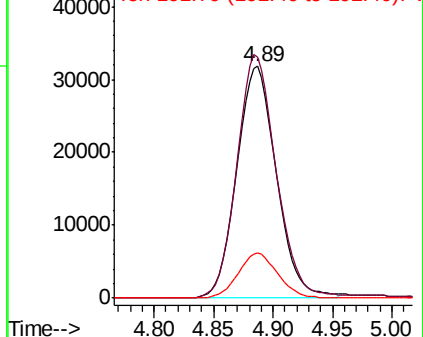


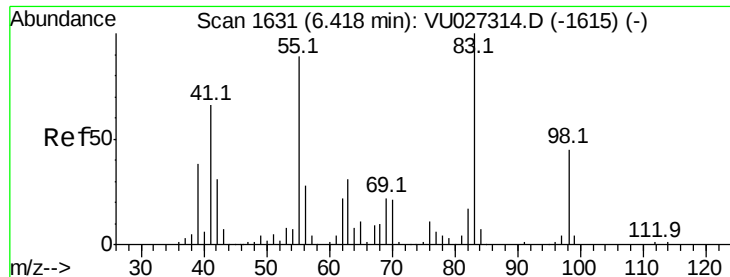
#35
 Dibromofluoromethane
 Concen: 56.739 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027408.D
 Acq: 04 Oct 2018 15:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.1	124.7
192	19.4	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

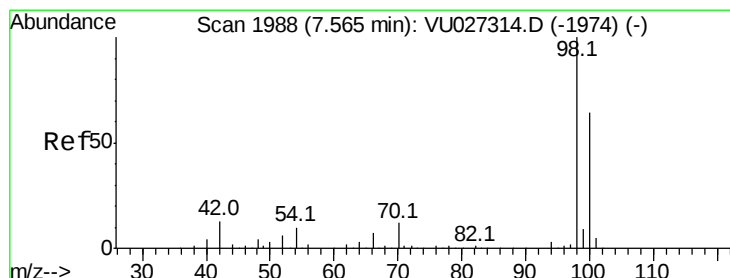
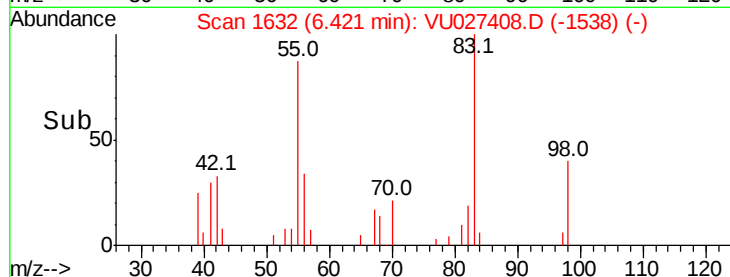
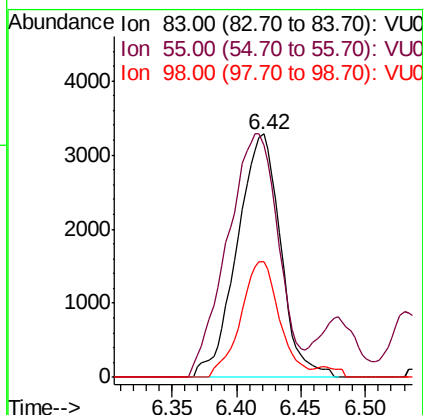
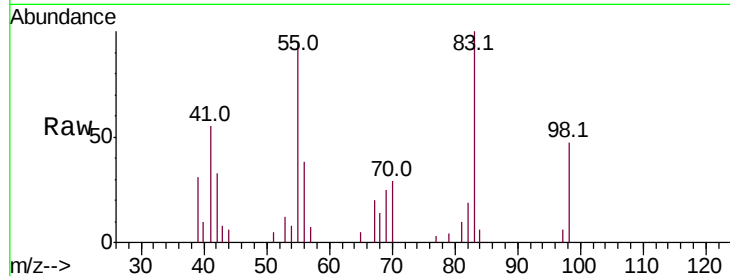




#39
Methvlcvclohexane
Concen: 3.216 ug/l
RT: 6.42 min Scan# 1632
Delta R.T. 0.00 min
Lab File: VU027408.D
Acq: 04 Oct 2018 15:05

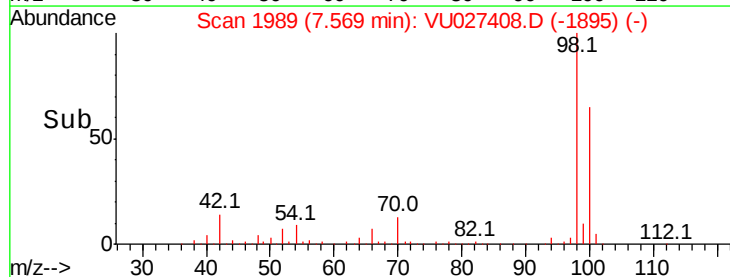
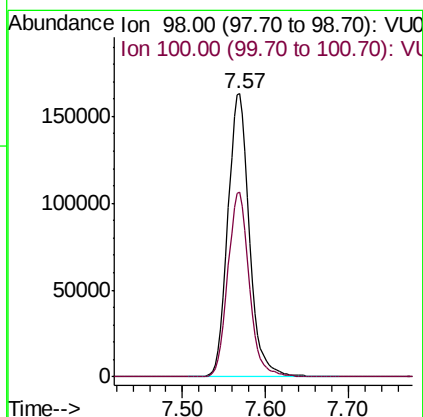
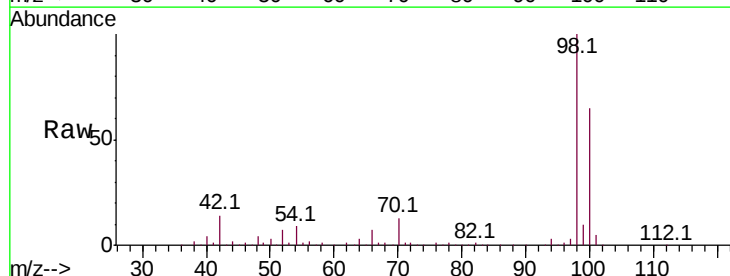
Instrument :
MSVOA_U
ClientSampleId :
B-7(8-8.5)DL

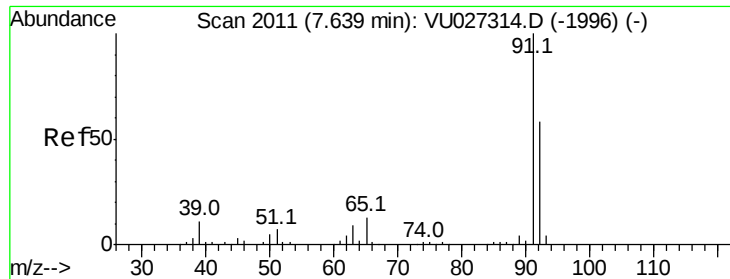
Tot Ion: 83 Resp: 7722
Ion Ratio Lower Upper
83 100
55 95.4 71.1 106.7
98 47.4 36.3 54.5



#50
Toluene-d8
Concen: 60.621 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027408.D
Acq: 04 Oct 2018 15:05

Tgt Ion: 98 Resp: 294155
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1





#52

Toluene

Concen: 13.329 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU027408.D

Acq: 04 Oct 2018 15:05

Instrument :

MSVOA_U

ClientSampleId :

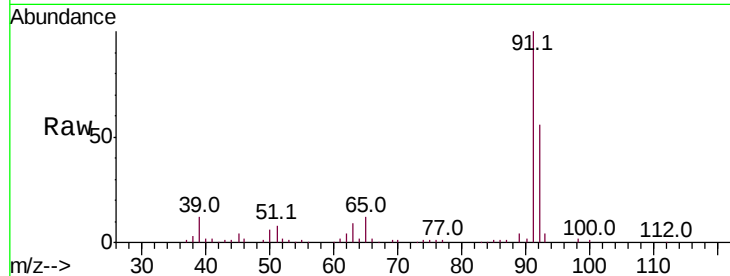
B-7(8-8.5)DL

Tot Ion: 92 Resp: 47202

Ion Ratio Lower Upper

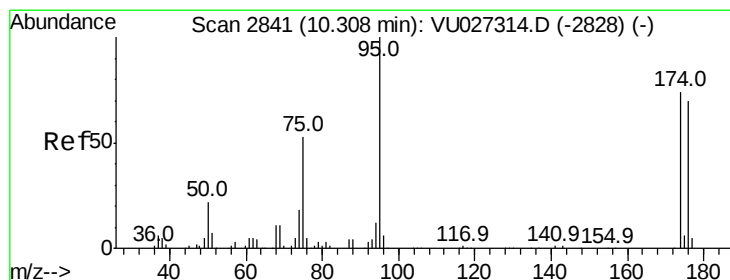
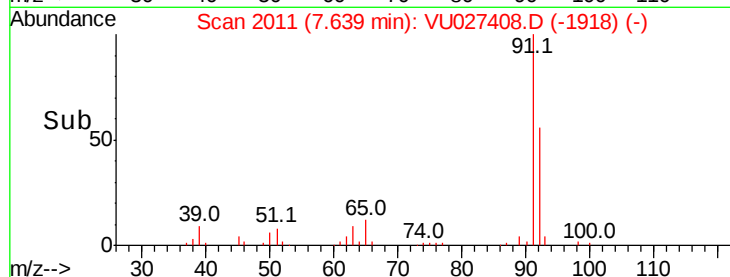
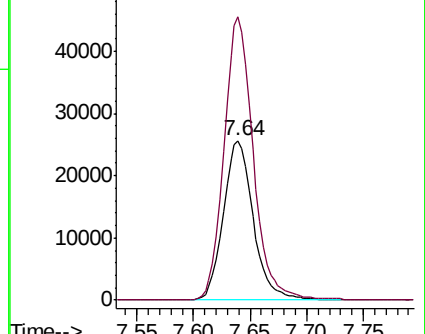
92 100

91 174.0 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 59.750 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027408.D

Acq: 04 Oct 2018 15:05

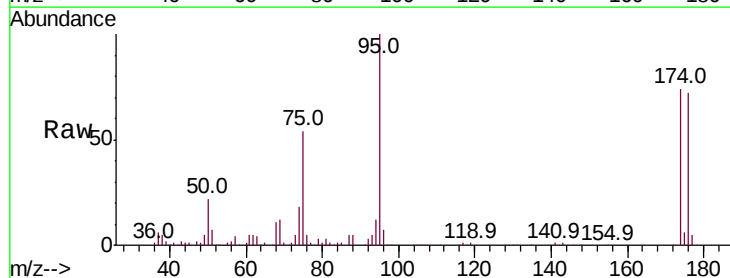
Tgt Ion: 95 Resp: 107748

Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.8

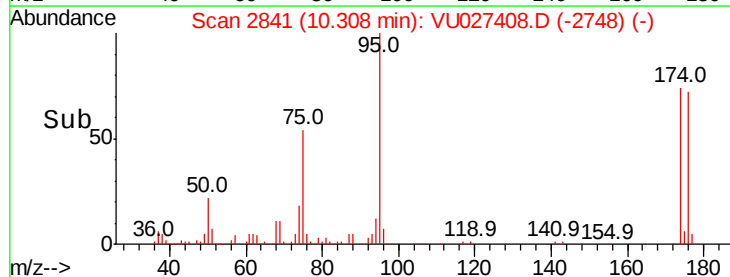
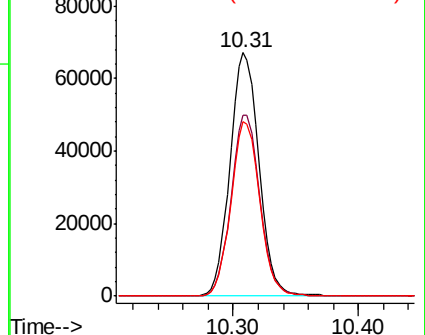
176 71.1 0.0 140.8

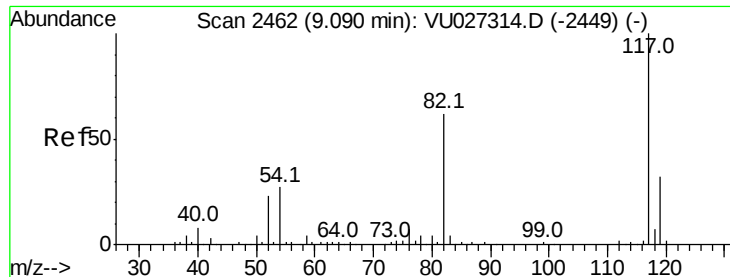


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

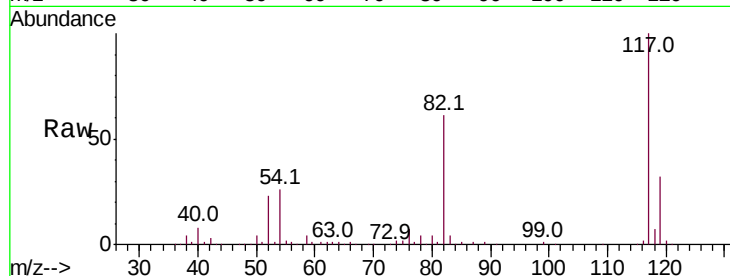




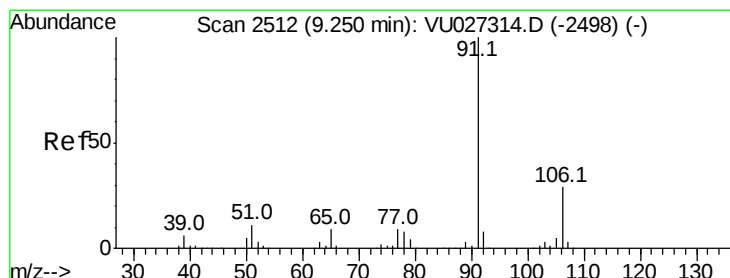
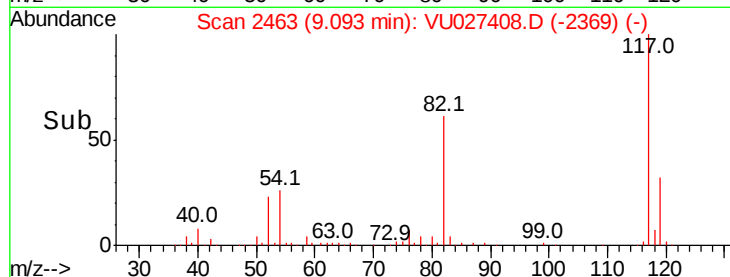
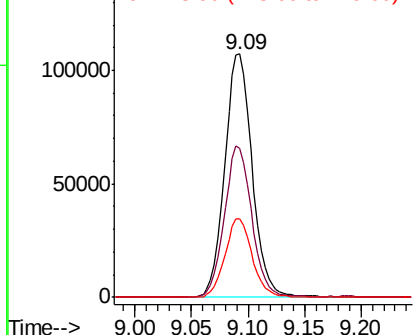
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027408.D
Acq: 04 Oct 2018 15:05

Instrument :
MSVOA_U
ClientSampleId :
B-7(8-8.5)DL

Tot Ion:117 Resp: 181474
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 32.4 25.7 38.5

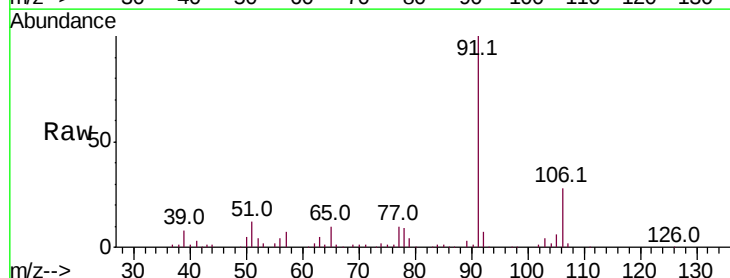


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

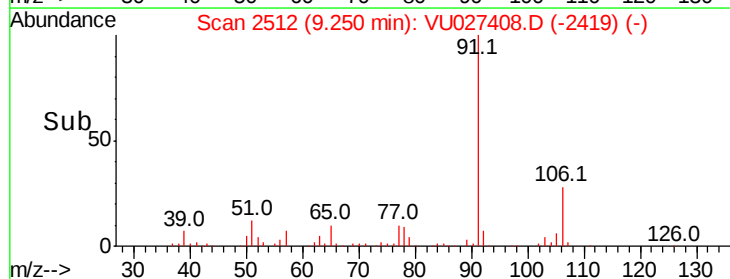
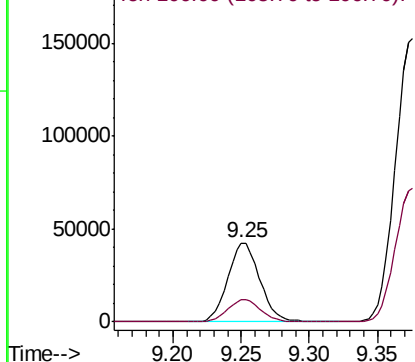


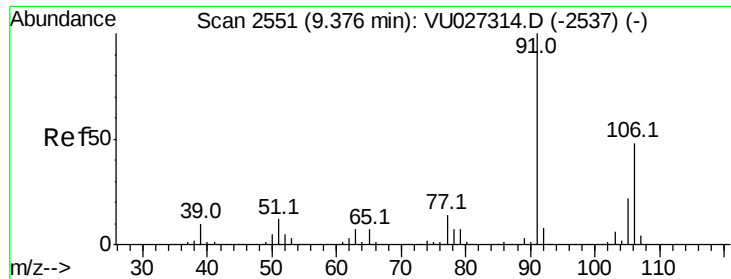
#67
Ethyl Benzene
Concen: 10.279 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. -0.00 min
Lab File: VU027408.D
Acq: 04 Oct 2018 15:05

Tgt Ion: 91 Resp: 69564
Ion Ratio Lower Upper
91 100
106 28.2 23.6 35.4



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

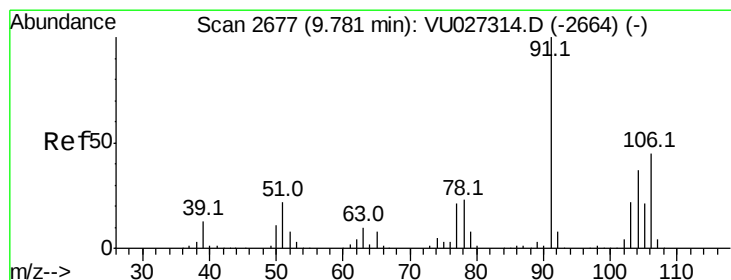
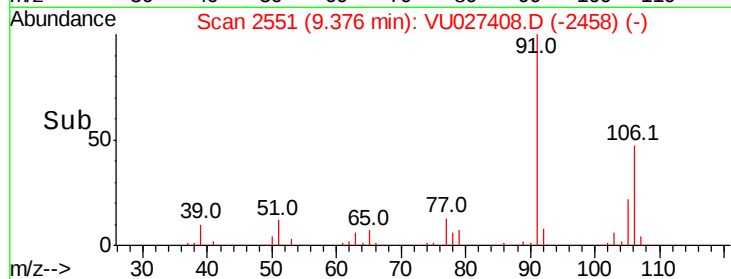
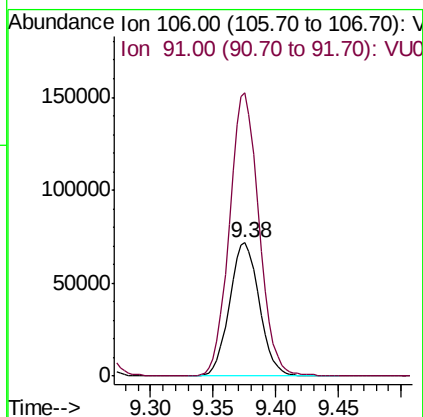
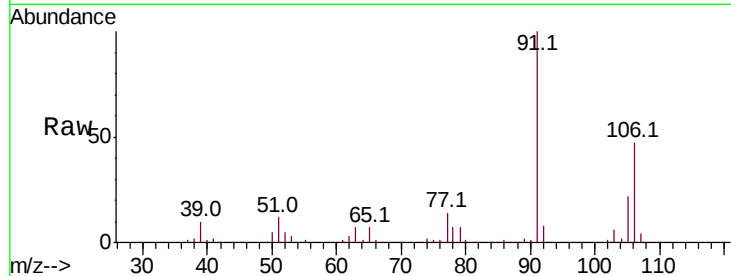




#68
m/p-Xylenes
Concen: 48.115 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VU027408.D
Acq: 04 Oct 2018 15:05

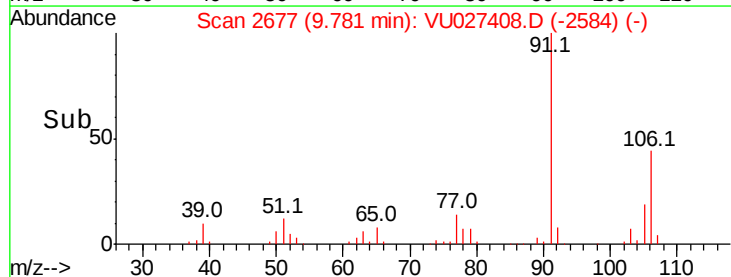
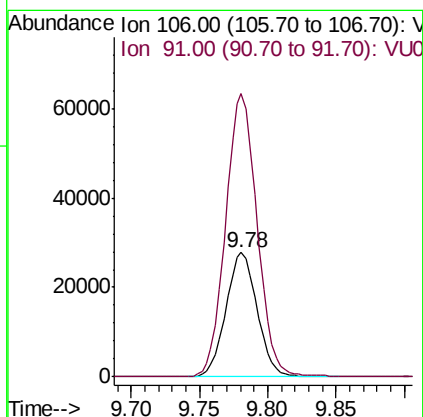
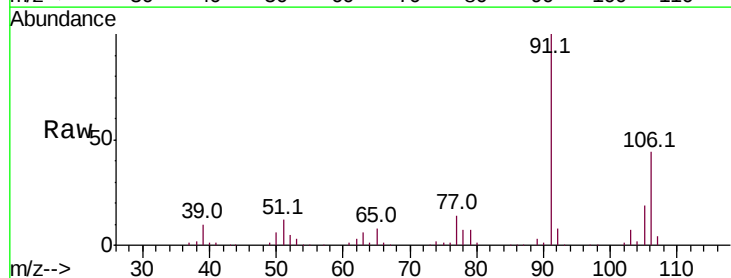
Instrument :
MSVOA_U
ClientSampleId :
B-7(8-8.5)DL

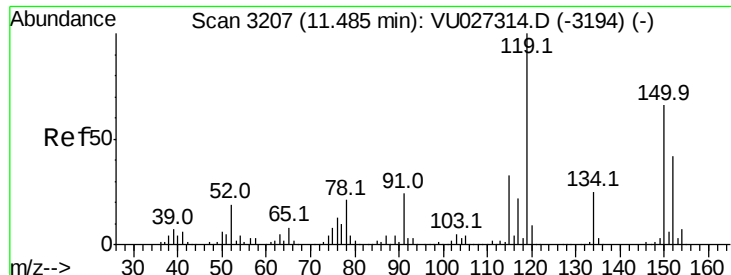
Tot Ion:106 Resp: 119110
Ion Ratio Lower Upper
106 100
91 209.6 168.1 252.1



#69
o-Xylene
Concen: 18.817 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VU027408.D
Acq: 04 Oct 2018 15:05

Tgt Ion:106 Resp: 44267
Ion Ratio Lower Upper
106 100
91 229.9 111.7 334.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027408.D

Acq: 04 Oct 2018 15:05

Instrument :

MSVOA_U

ClientSampleId :

B-7(8-8.5)DL

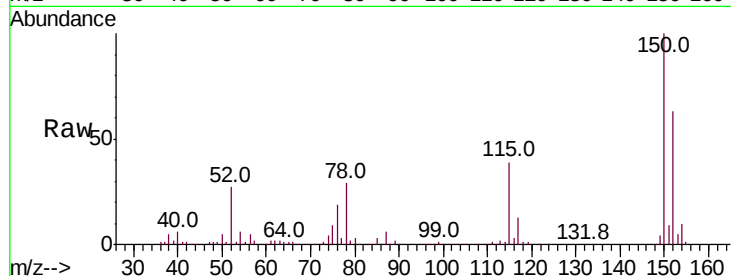
Tot Ion:152 Resp: 100795

Ion Ratio Lower Upper

152 100

115 61.5 43.4 130.2

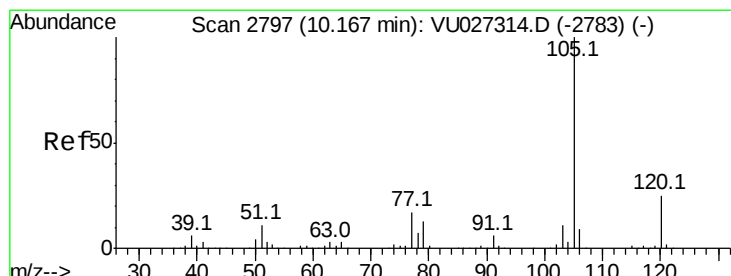
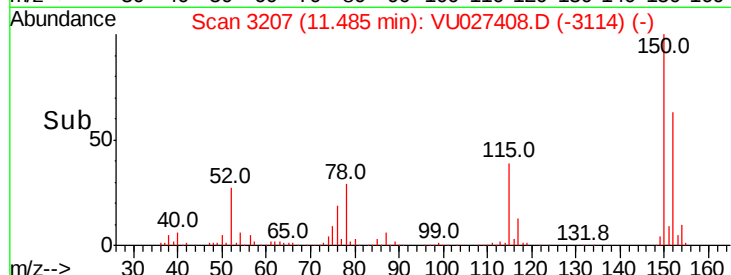
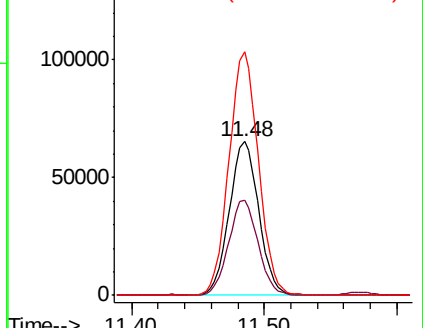
150 158.8 0.0 349.2



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: 1.256 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027408.D

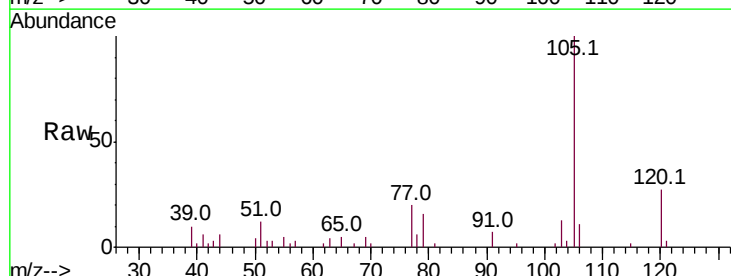
Acq: 04 Oct 2018 15:05

Tgt Ion:105 Resp: 9194

Ion Ratio Lower Upper

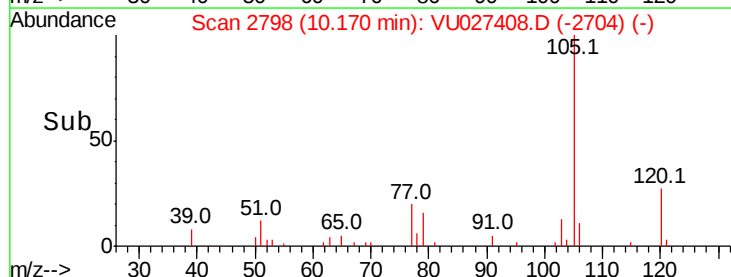
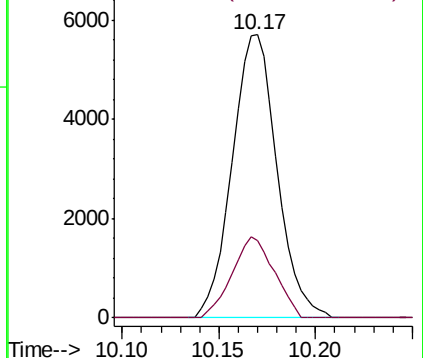
105 100

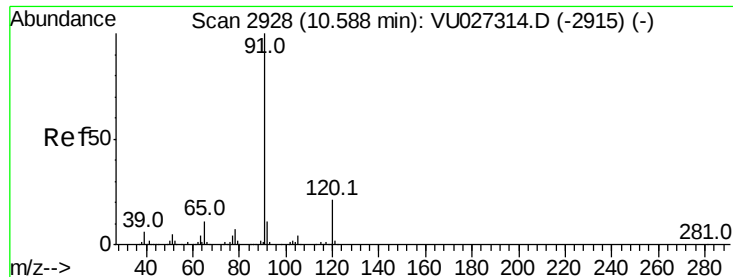
120 26.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 5.059 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027408.D

Acq: 04 Oct 2018 15:05

Instrument :

MSVOA_U

ClientSampled :

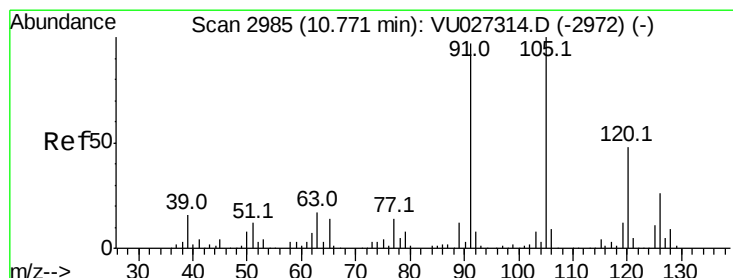
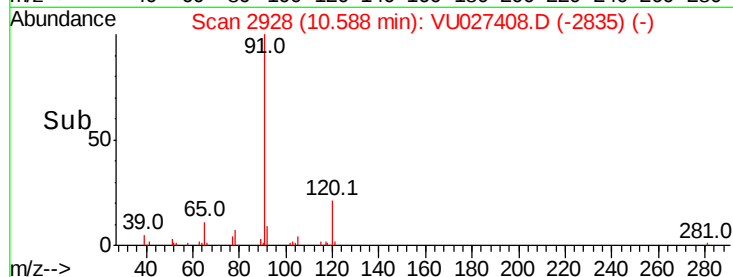
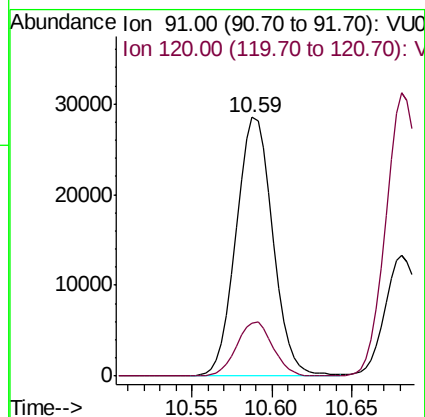
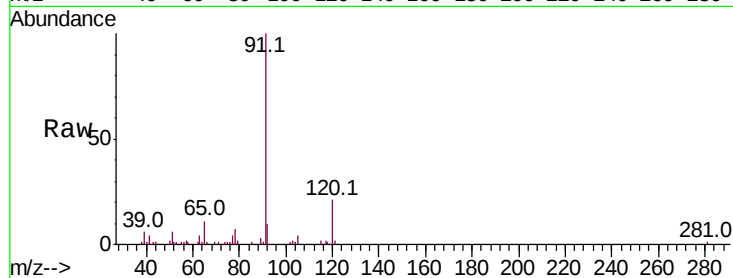
B-7(8-8.5)DL

Tot Ion: 91 Resp: 44501

Ion Ratio Lower Upper

91 100

120 20.5 10.6 31.8



#80

1,3,5-Trimethylbenzene

Concen: 10.736 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU027408.D

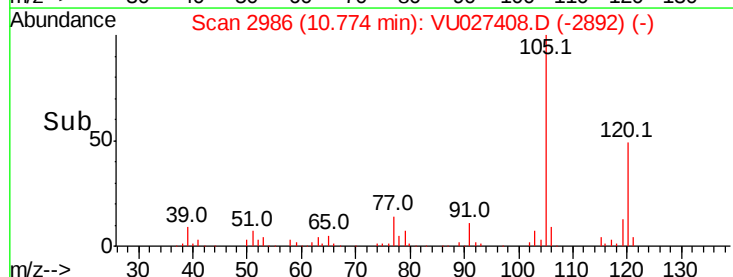
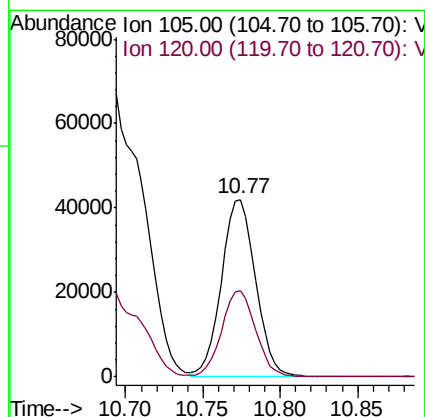
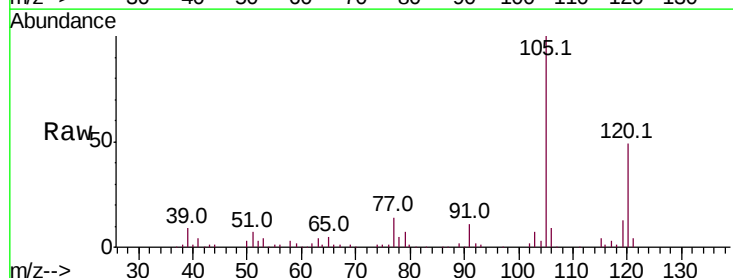
Acq: 04 Oct 2018 15:05

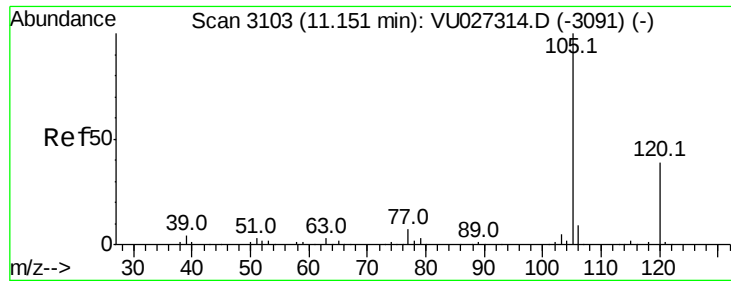
Tgt Ion: 105 Resp: 63990

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4

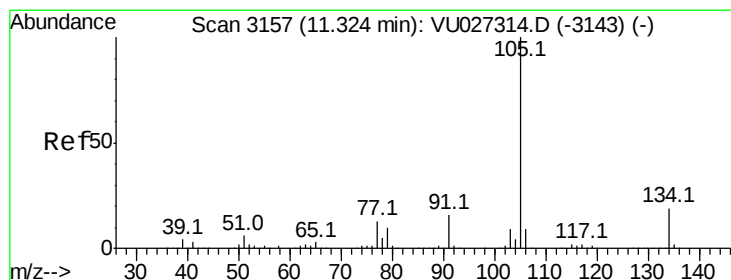
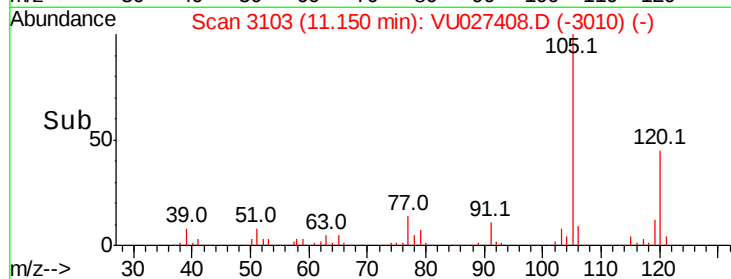
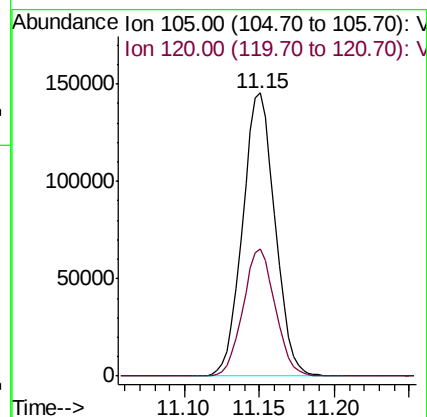
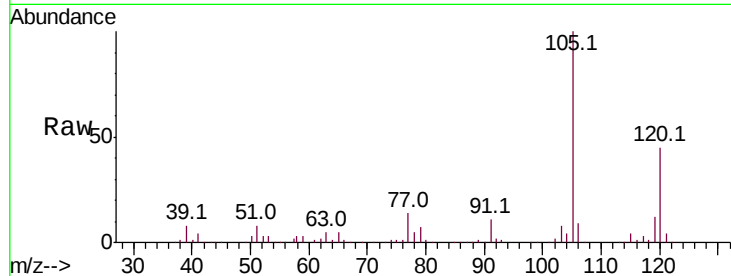




#84
 1,2,4-Trimethylbenzene
 Concen: 36.014 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: VU027408.D
 Acq: 04 Oct 2018 15:05

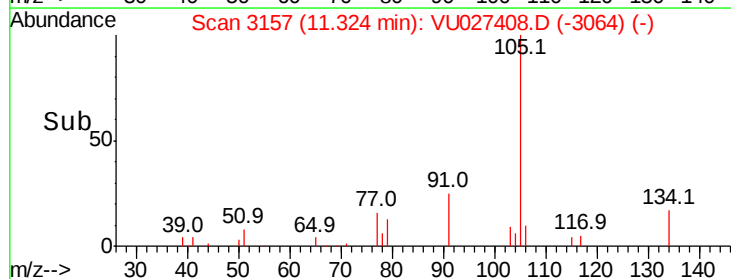
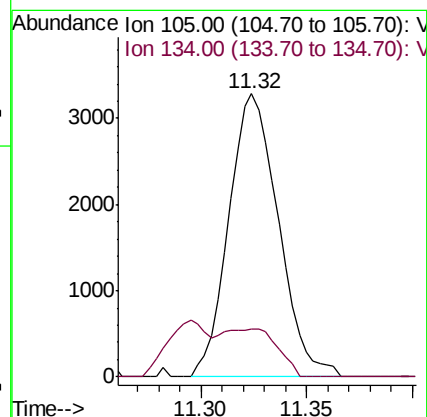
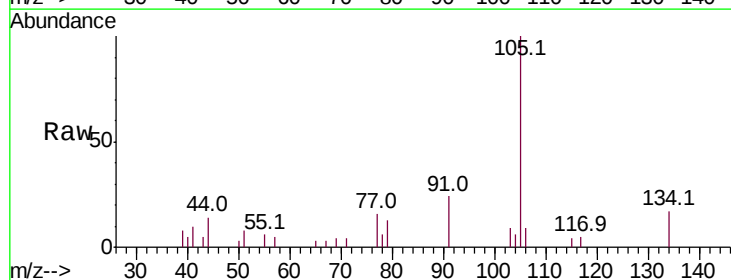
Instrument :
 MSVOA_U
 ClientSampleId :
 B-7(8-8.5)DL

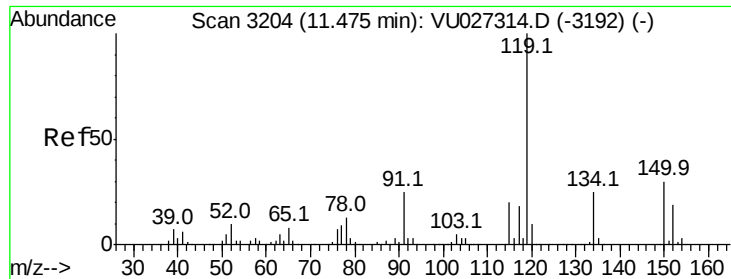
Tot Ion:105 Resp: 219262
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 0.736 ug/l m
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027408.D
 Acq: 04 Oct 2018 15:05

Tgt Ion:105 Resp: 5343
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#

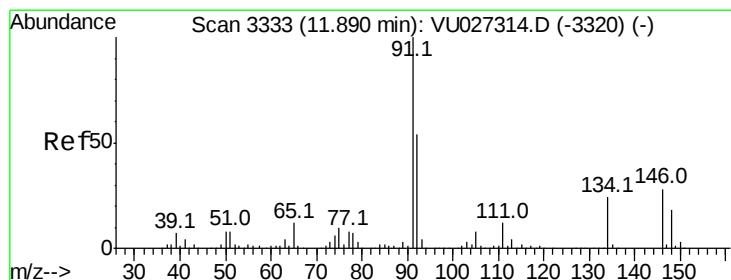
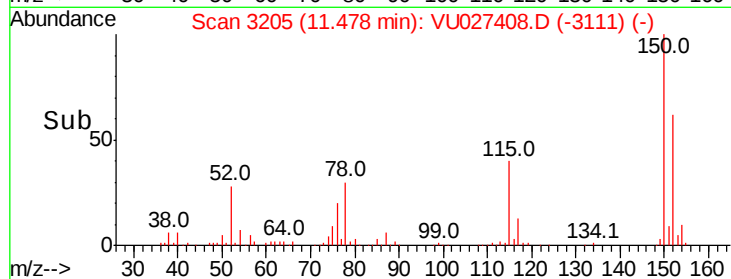
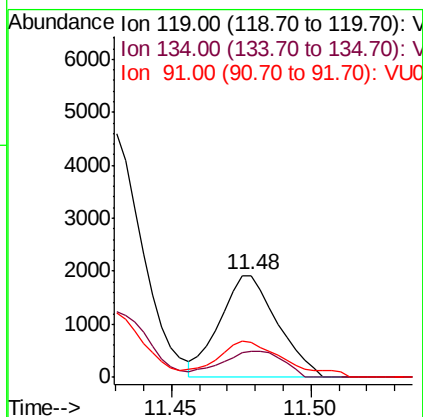
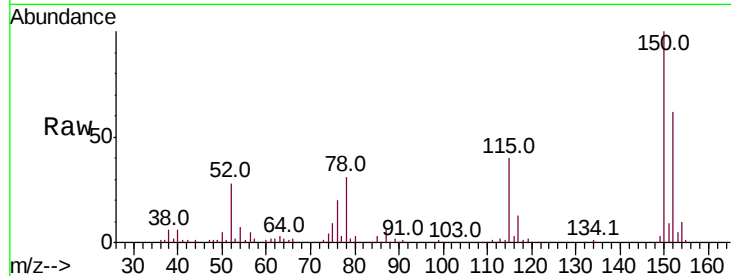




#86
p-Isopropyltoluene
Concen: 0.443 ug/l m
RT: 11.48 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VU027408.D
Acq: 04 Oct 2018 15:05

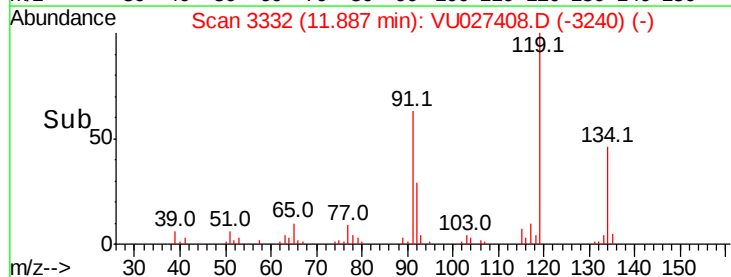
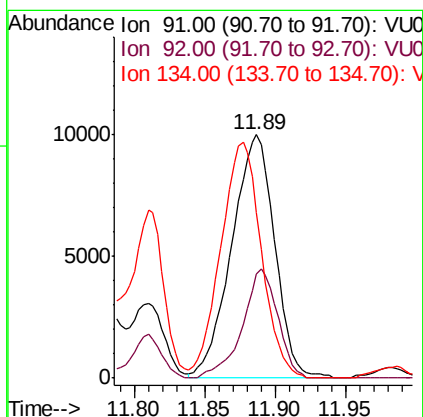
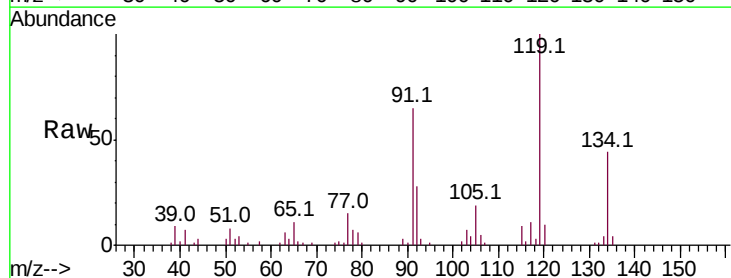
Instrument :
MSVOA_U
ClientSampleId :
B-7(8-8.5)DL

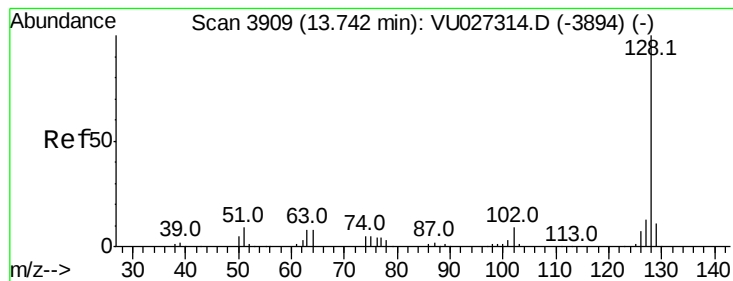
Tot Ion:119 Resp: 2754
Ion Ratio Lower Upper
119 100
134 76.9 12.7 38.1#
91 71.5 12.2 36.4#



#89
n-Butylbenzene
Concen: 5.058 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU027408.D
Acq: 04 Oct 2018 15:05

Tgt Ion: 91 Resp: 21335
Ion Ratio Lower Upper
91 100
92 36.9 27.0 81.0
134 91.1 11.7 35.1#





#95

Naphthalene

Concen: 6.114 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027408.D

Acq: 04 Oct 2018 15:05

Instrument :

MSVOA_U

ClientSampleId :

B-7(8-8.5)DL

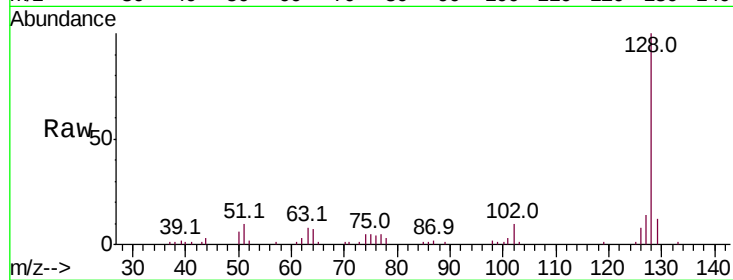
Tot Ion:128 Resp: 35110

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.4 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

