

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027399.D
 Acq On : 04 Oct 2018 11:36
 Operator : MD/SY
 Sample : J5084-12 50X
 Misc : 6.42g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B-6(8-8.5)

Quant Time: Oct 05 04:01:48 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	119909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	203642	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	193893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	107809	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	113716	56.79	ug/l	0.00
Spiked Amount			Recovery	=	113.58%	
35) Dibromofluoromethane	4.88	113	79928	57.27	ug/l	0.00
Spiked Amount			Recovery	=	114.54%	
50) Toluene-d8	7.57	98	318498	60.98	ug/l	0.00
Spiked Amount			Recovery	=	121.96%	
62) 4-Bromofluorobenzene	10.31	95	116175	59.85	ug/l	0.00
Spiked Amount			Recovery	=	119.70%	

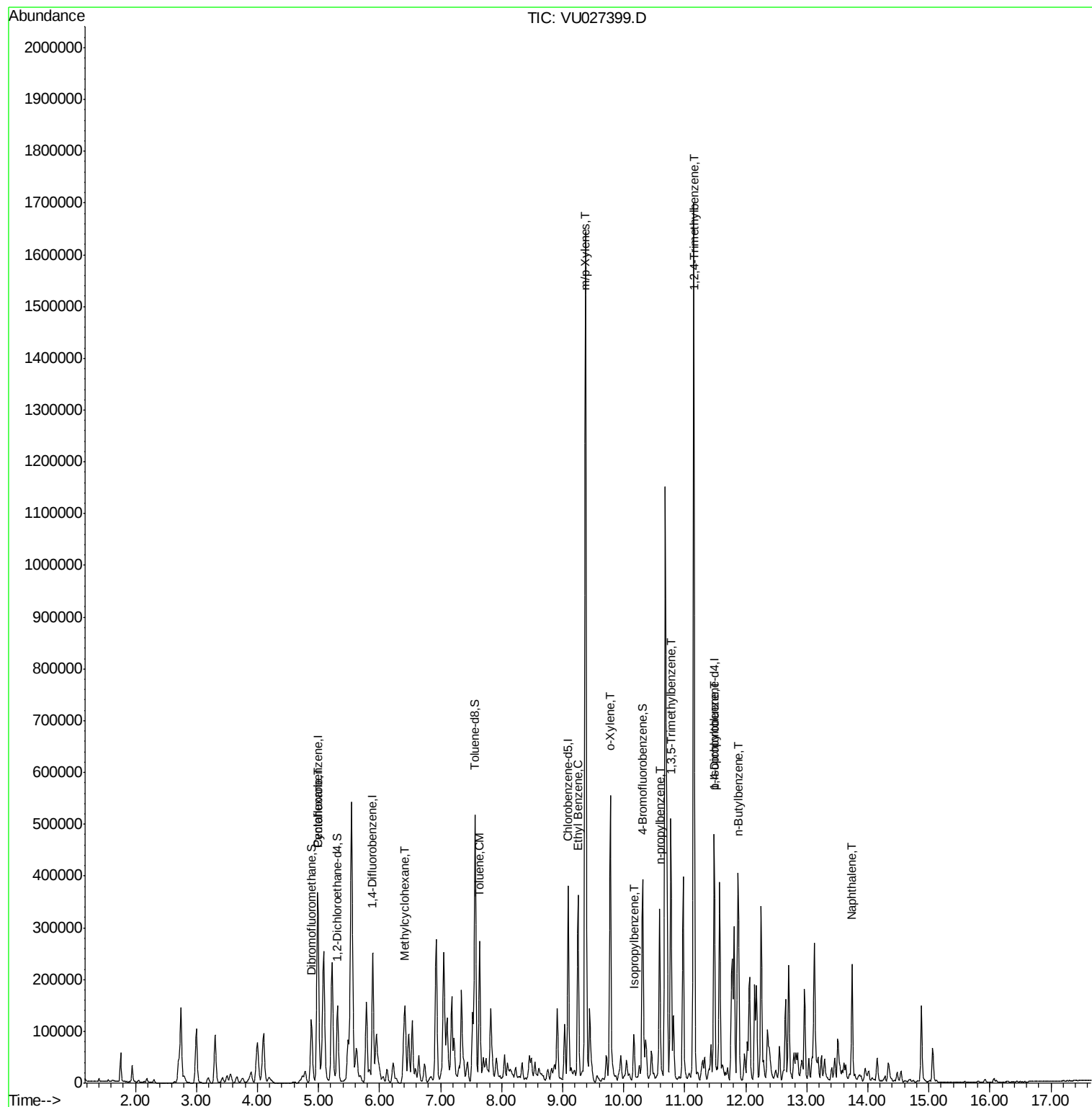
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	4.99	56	53194	16.405	ug/l #	68
39) Methylcyclohexane	6.42	83	58561	22.657	ug/l	95
52) Toluene	7.64	92	109256	28.660	ug/l	99
67) Ethyl Benzene	9.25	91	225219	31.147	ug/l	99
68) m/p-Xylenes	9.38	106	432620	163.564	ug/l	100
69) o-Xylene	9.78	106	135278	53.821	ug/l	99
73) Isopropylbenzene	10.17	105	51392	6.563	ug/l	99
78) n-propylbenzene	10.59	91	241207	25.636	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	249670	39.165	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	877401	134.740	ug/l	100
86) p-Isopropyltoluene	11.48	119	11505	1.731	ug/l	93
89) n-Butylbenzene	11.89	91	88961	14.067	ug/l #	41
95) Naphthalene	13.74	128	162055	20.882	ug/l	99

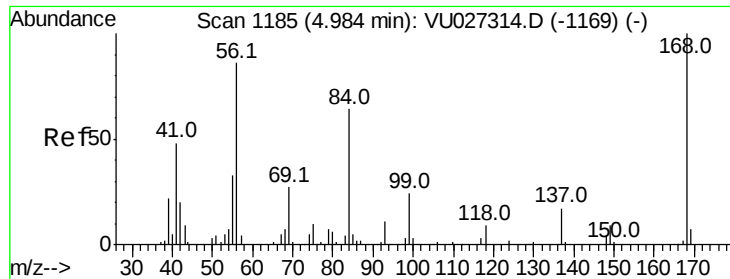
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B-6(8-8.5)

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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: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

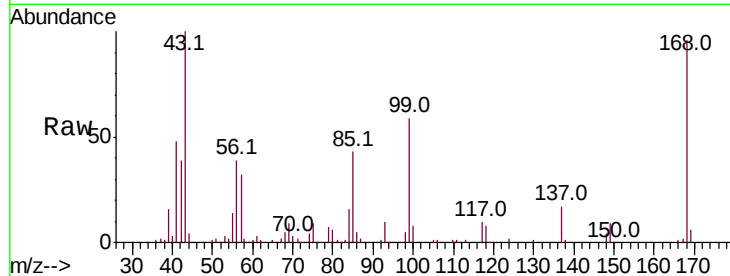
B-6(8-8.5)

Tot Ion:168 Resp: 119909

Ion Ratio Lower Upper

168 100

99 61.3 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

60000

50000

40000

30000

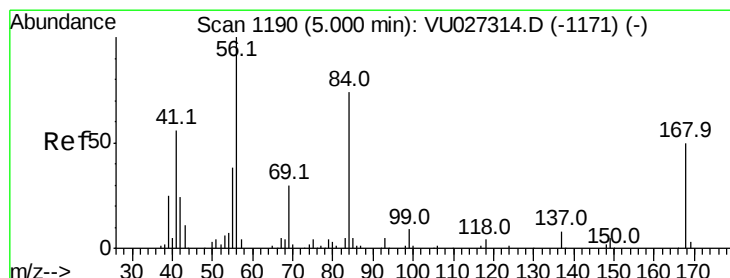
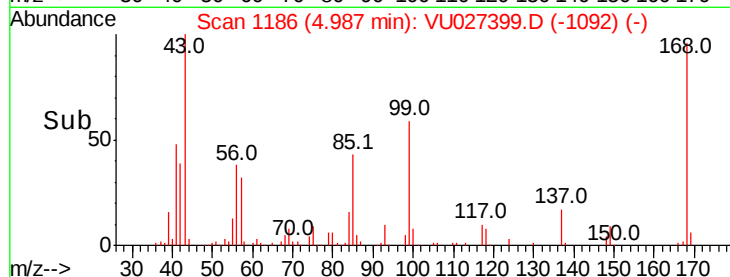
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#31

Cyclohexane

Concen: 16.405 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.01 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

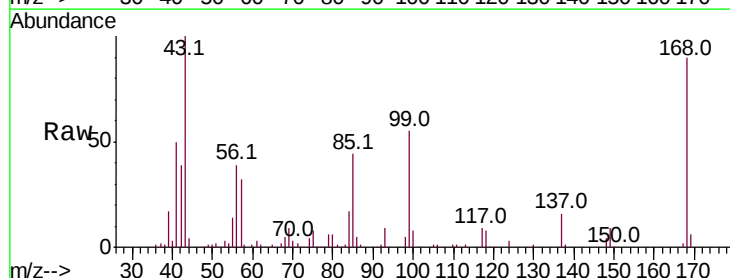
Tgt Ion: 56 Resp: 53194

Ion Ratio Lower Upper

56 100

69 20.8 24.1 36.1#

84 42.3 59.1 88.7#



Abundance Ion 56.00 (55.70 to 56.70): VU027314.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU027314.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU027314.D (-1171) (-)

60000

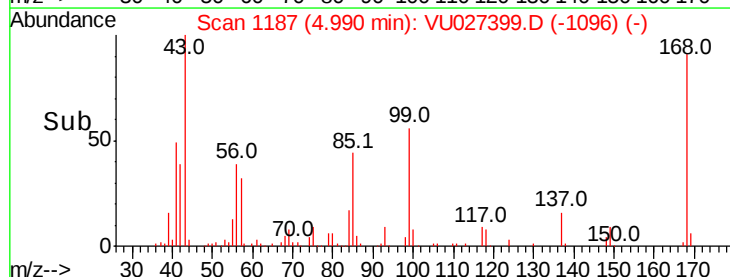
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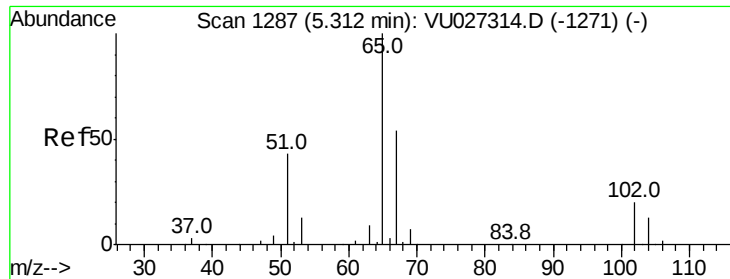
20000

0

4.90 4.95 5.00 5.05

Time-->

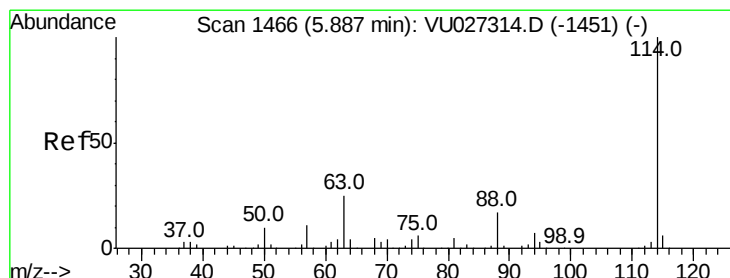
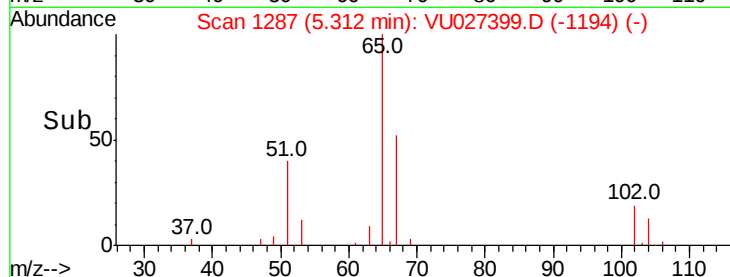
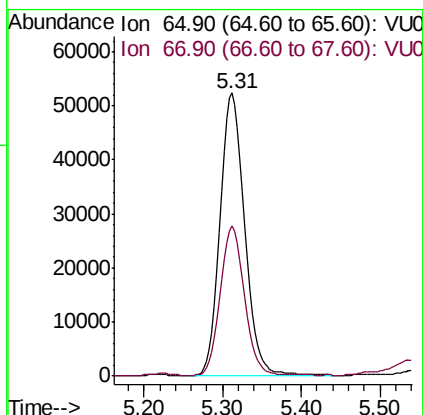
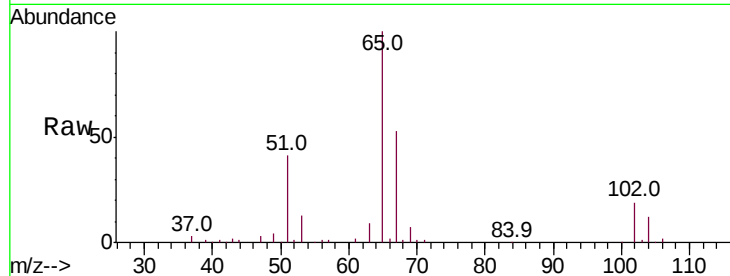




#33
 1,2-Dichloroethane-d4
 Concen: 56.794 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

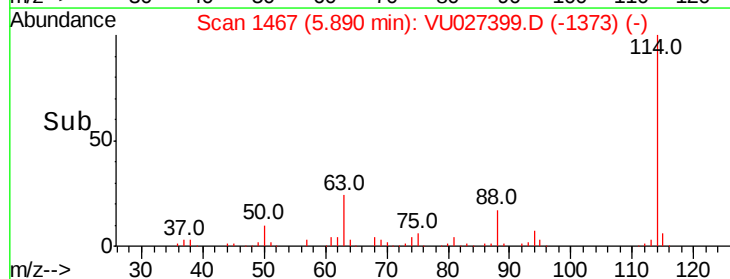
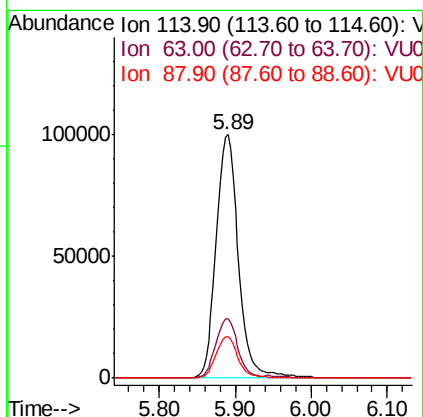
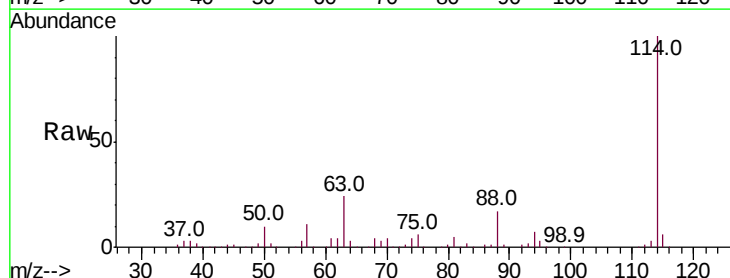
Instrument :
 MSVOA_U
 ClientSampleId :
 B-6(8-8.5)

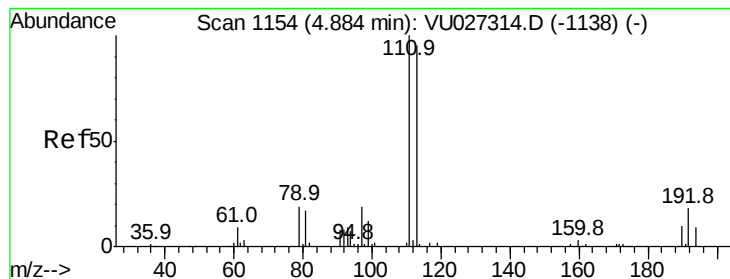
Tot Ion: 65 Resp: 113716
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion: 114 Resp: 203642
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.2
 88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 57.271 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

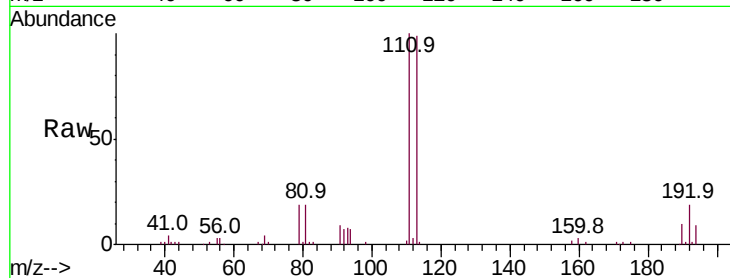
Tot Ion:113 Resp: 79928

Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

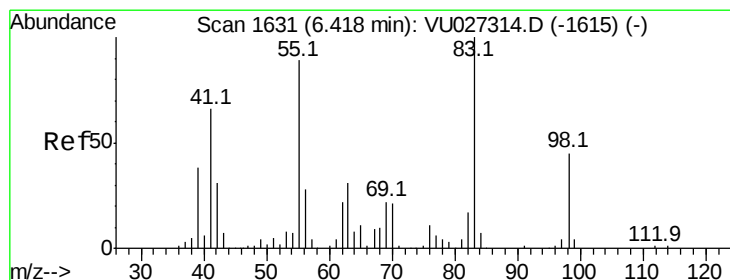
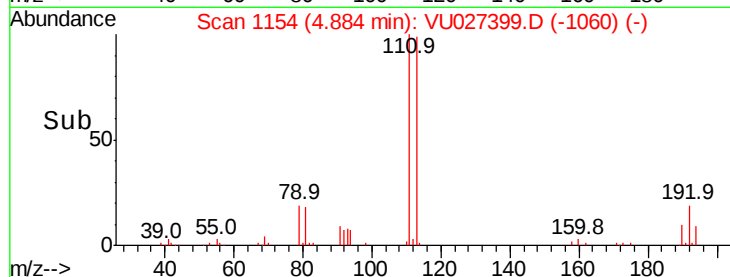
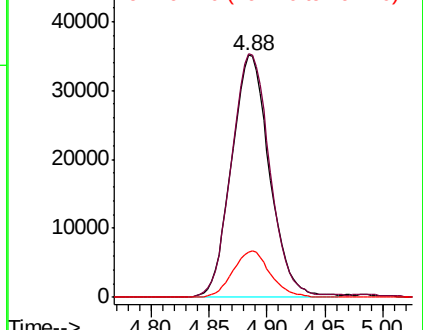
192 18.8 15.4 23.0



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: 22.657 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

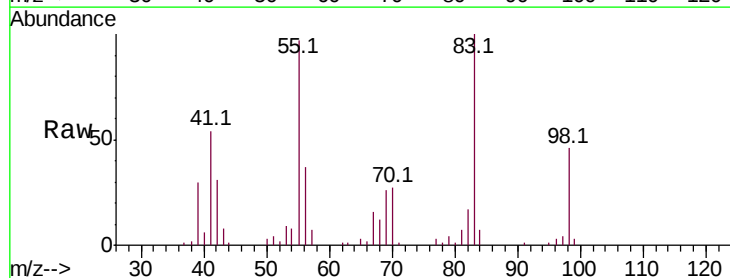
Tgt Ion: 83 Resp: 58561

Ion Ratio Lower Upper

83 100

55 95.3 71.1 106.7

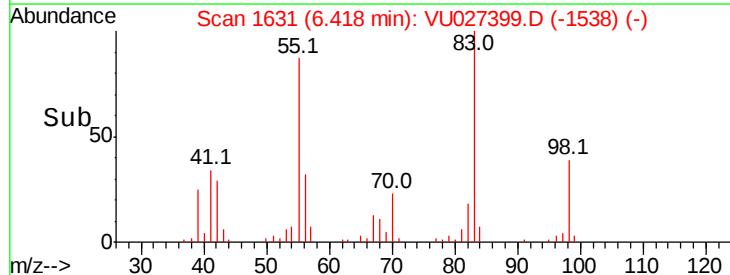
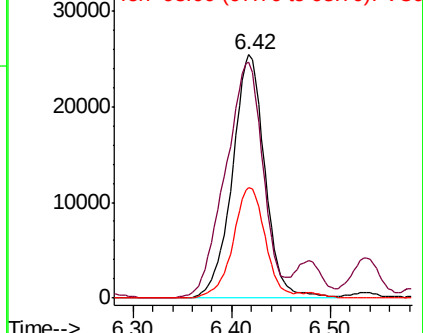
98 45.6 36.3 54.5

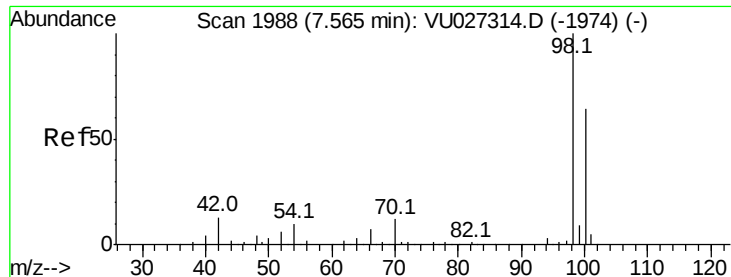


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

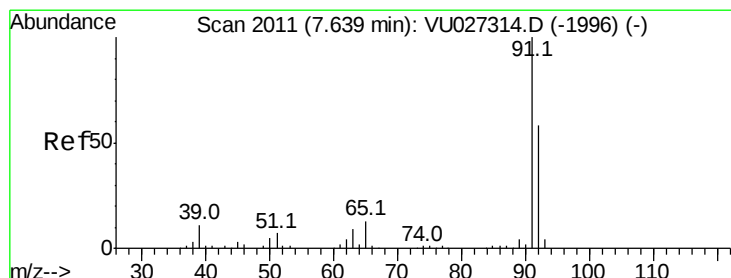
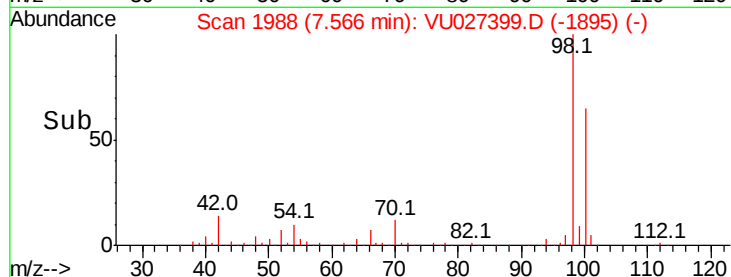
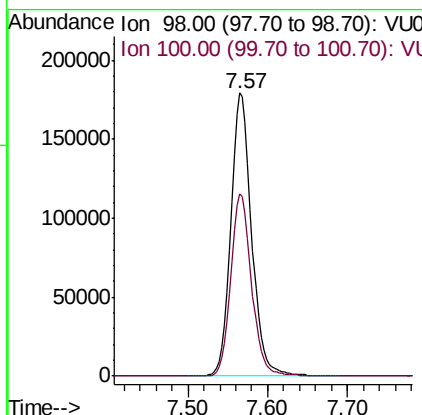
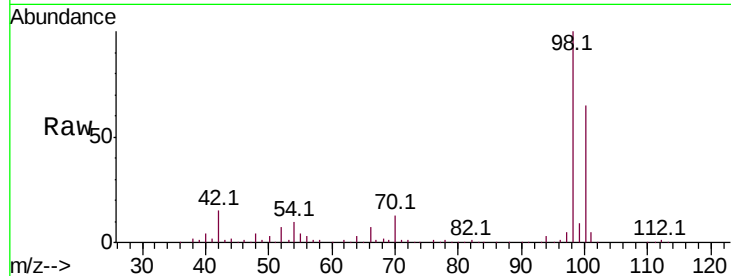




#50
Toluene-d8
Concen: 60.976 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

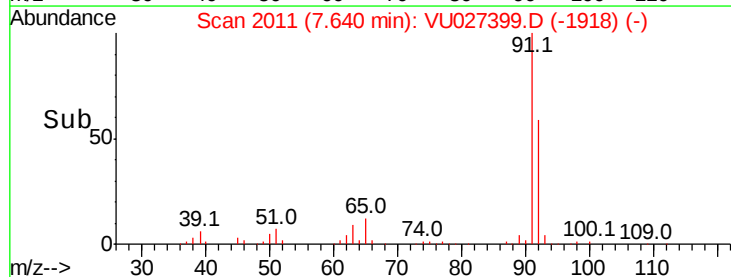
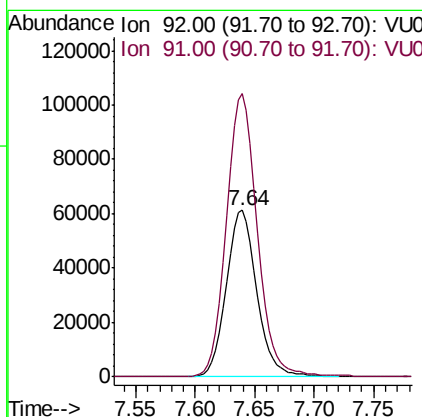
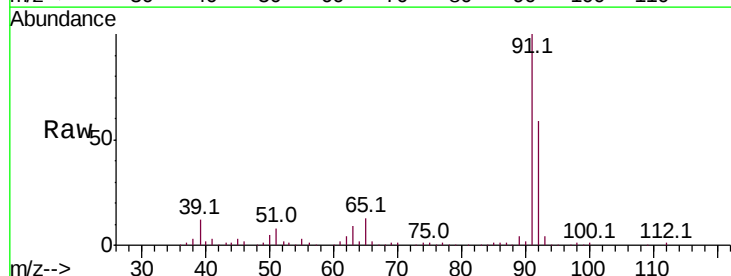
Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

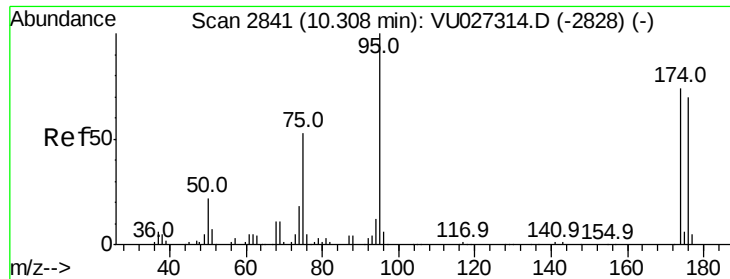
Tot Ion: 98 Resp: 318498
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#52
Toluene
Concen: 28.660 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 92 Resp: 109256
Ion Ratio Lower Upper
92 100
91 172.5 138.6 208.0





#62

4-Bromofluorobenzene

Concen: 59.847 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

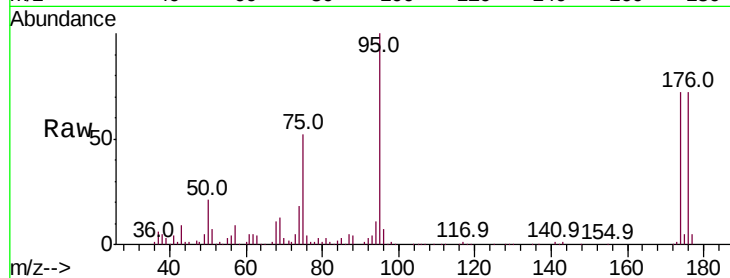
Tot Ion: 95 Resp: 116175

Ion Ratio Lower Upper

95 100

174 73.1 0.0 147.8

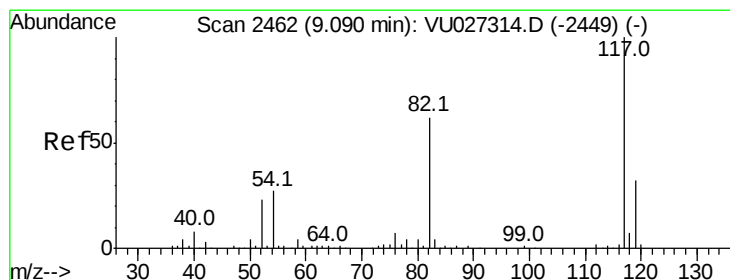
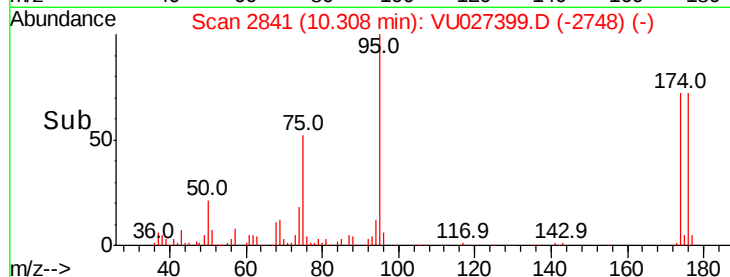
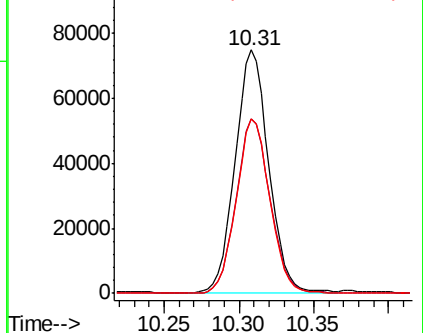
176 72.2 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

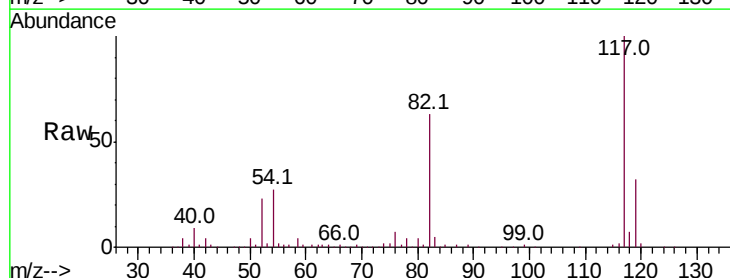
Tgt Ion: 117 Resp: 193893

Ion Ratio Lower Upper

117 100

82 62.3 49.2 73.8

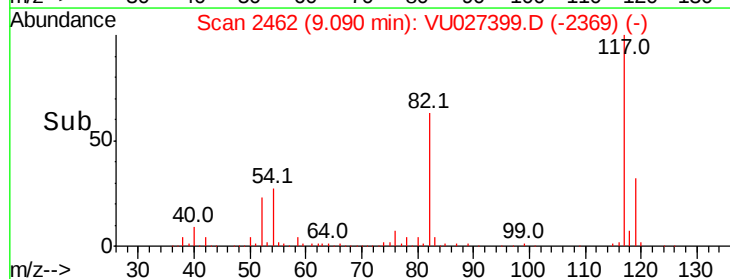
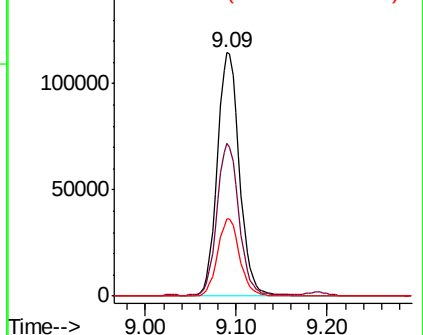
119 31.6 25.7 38.5

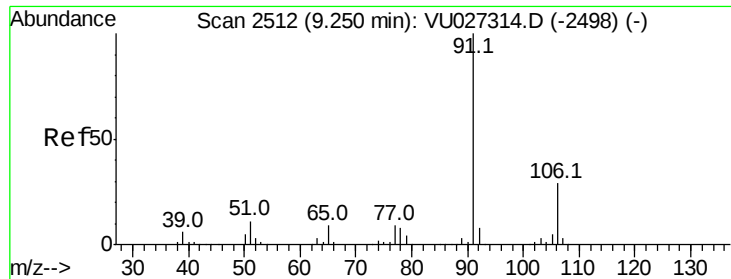


Abundance Ion 116.90 (116.60 to 117.60): VU027314.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU027314.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU027314.D (-2449) (-)

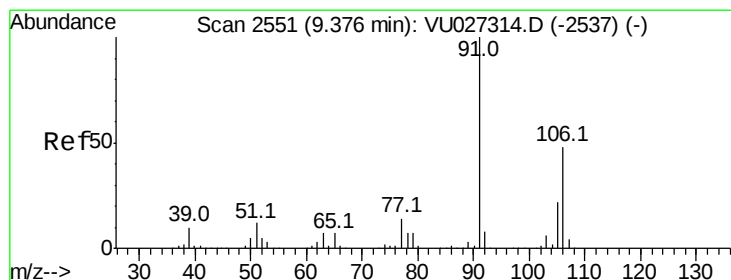
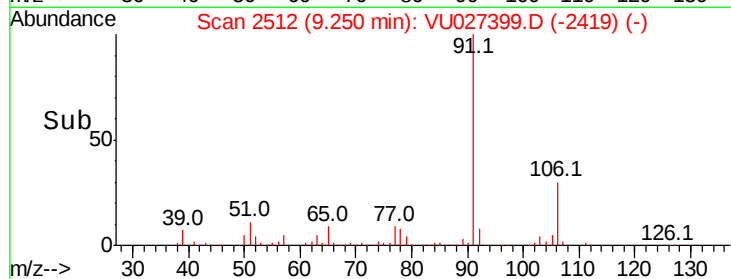
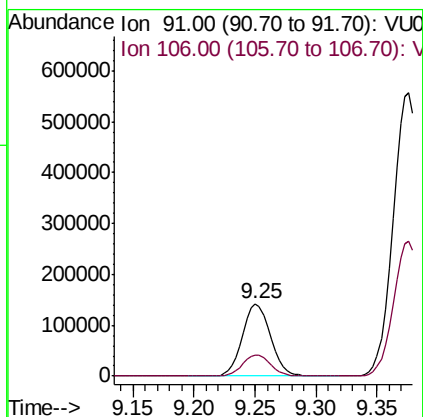
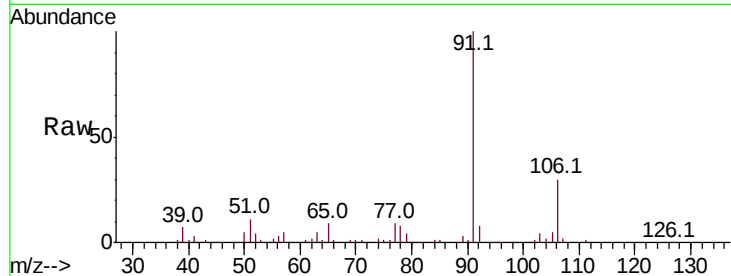




#67
Ethyl Benzene
Concen: 31.147 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

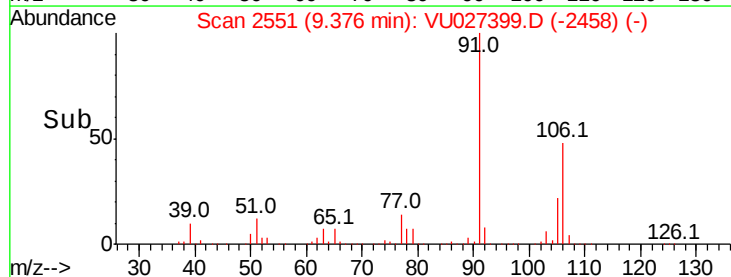
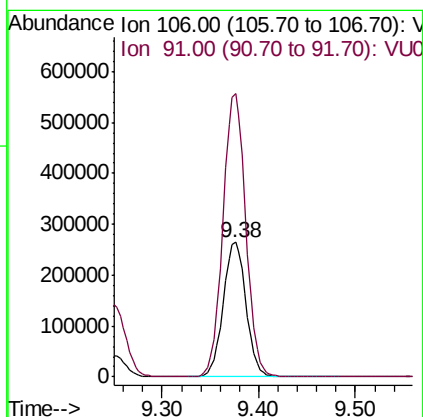
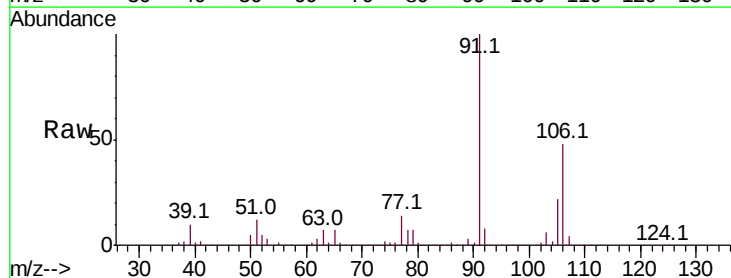
Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

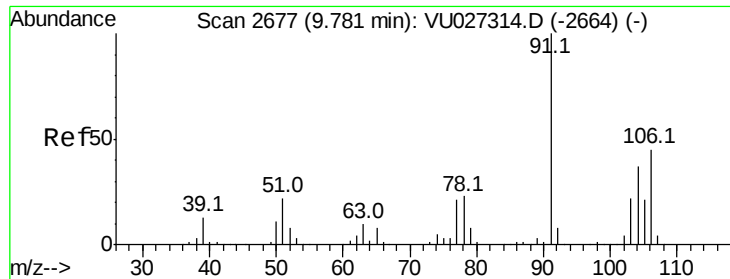
Tot Ion: 91 Resp: 225219
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 163.564 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 106 Resp: 432620
Ion Ratio Lower Upper
106 100
91 210.8 168.1 252.1

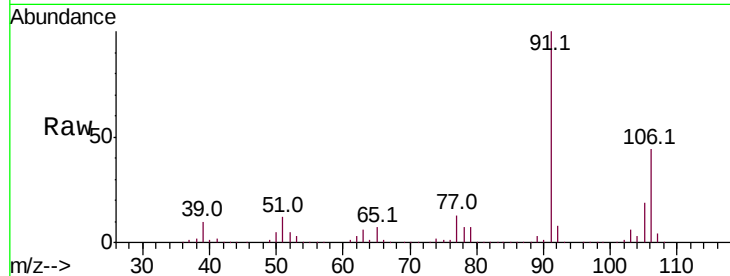




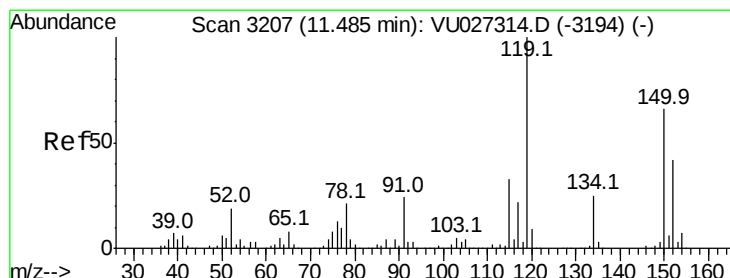
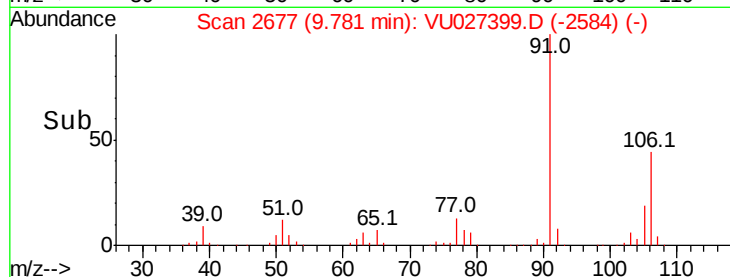
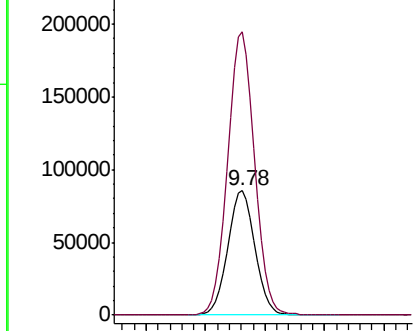
#69
o-Xylene
Concen: 53.821 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Instrument :
MSVOA_U
ClientSampled :
B-6(8-8.5)

Tot Ion:106 Resp: 135278
Ion Ratio Lower Upper
106 100
91 225.3 111.7 334.9

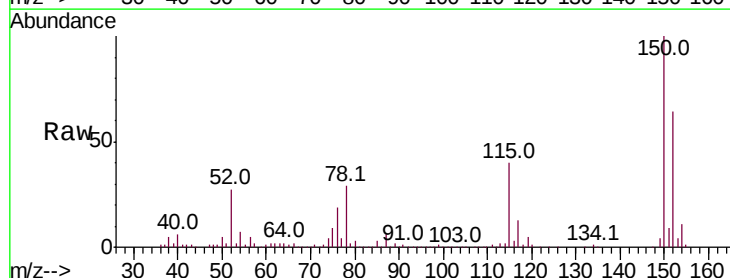


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

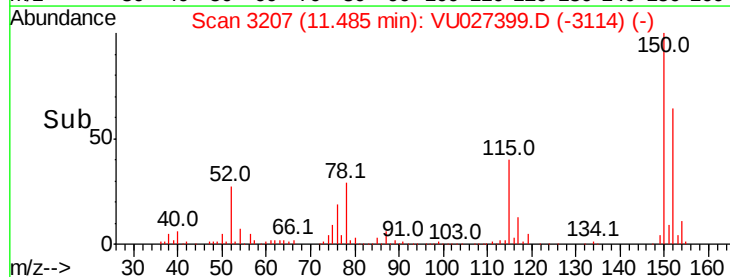
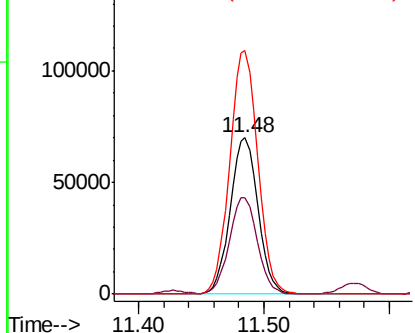


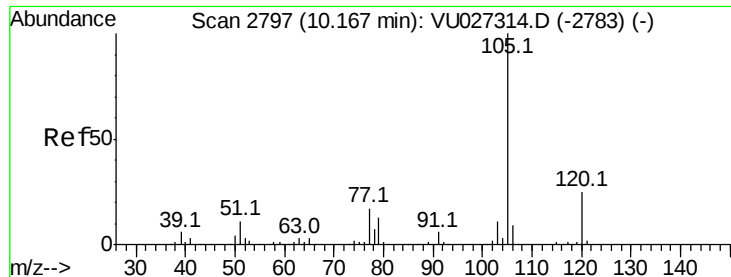
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion:152 Resp: 107809
Ion Ratio Lower Upper
152 100
115 62.3 43.4 130.2
150 157.1 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: 6.563 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

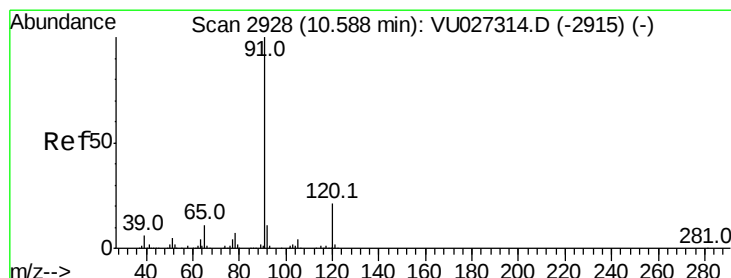
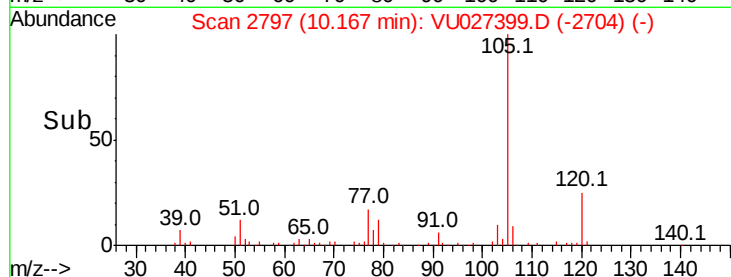
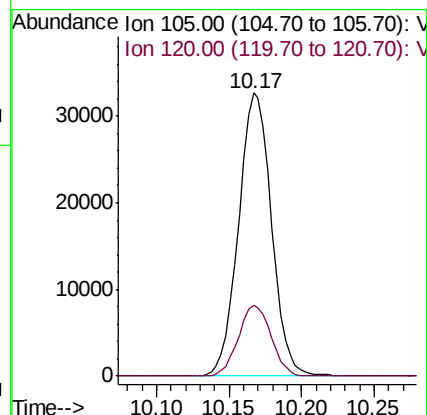
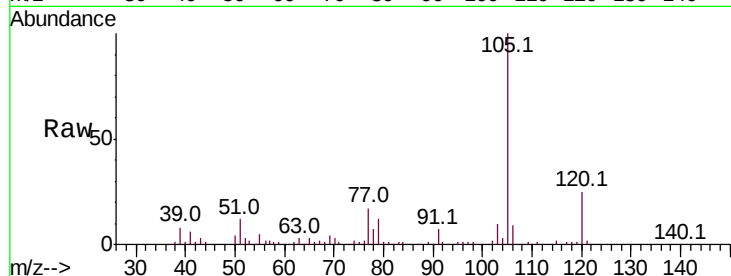
B-6(8-8.5)

Tot Ion:105 Resp: 51392

Ion Ratio Lower Upper

105 100

120 24.8 12.6 37.8



#78

n-propylbenzene

Concen: 25.636 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027399.D

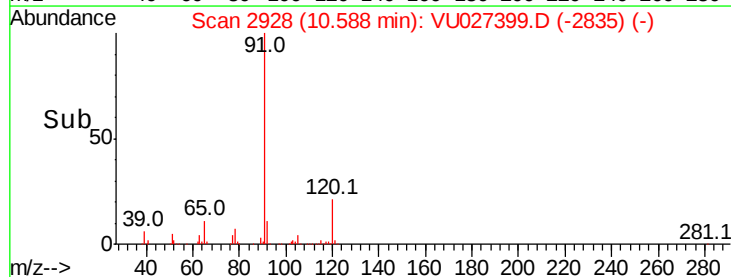
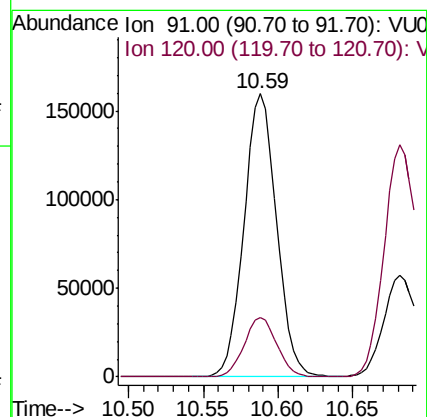
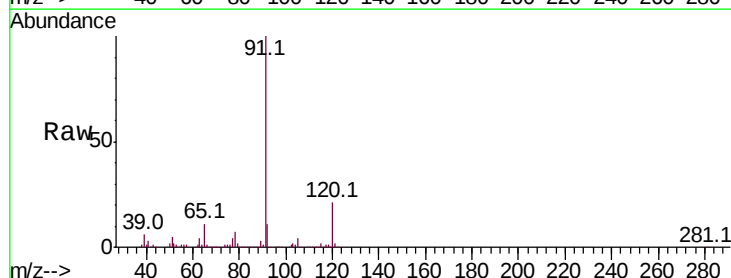
Acq: 04 Oct 2018 11:36

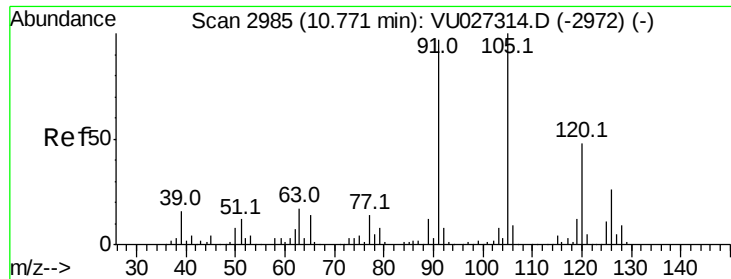
Tgt Ion: 91 Resp: 241207

Ion Ratio Lower Upper

91 100

120 21.0 10.6 31.8

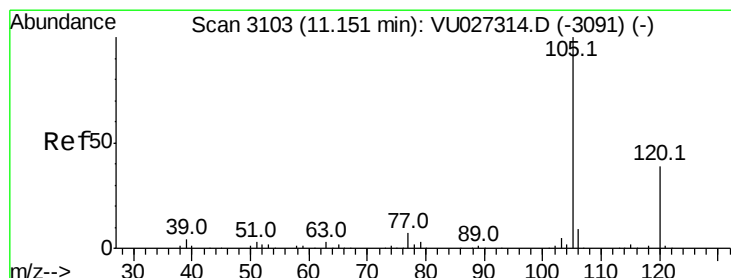
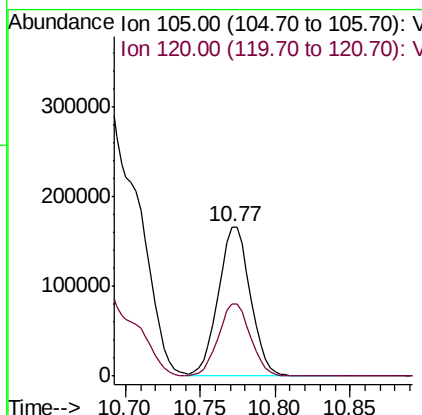
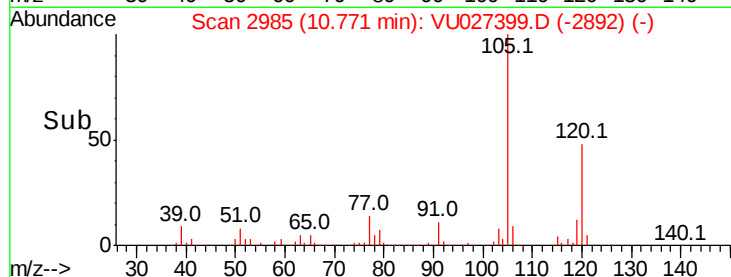
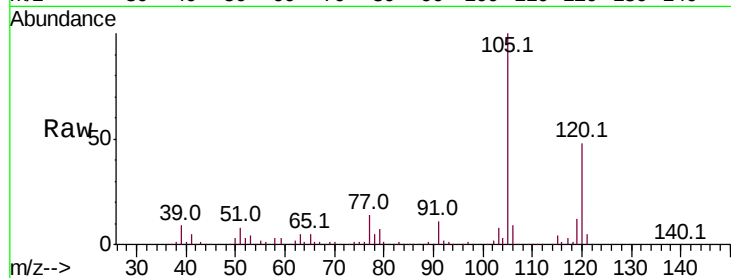




#80
 1,3,5-Trimethylbenzene
 Concen: 39.165 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

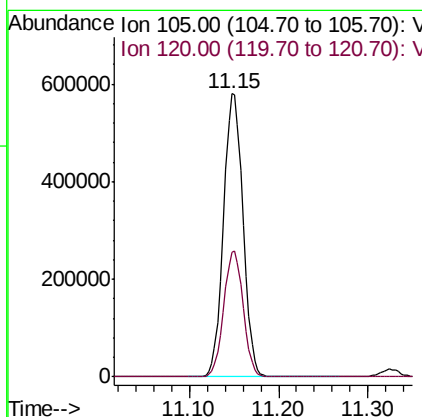
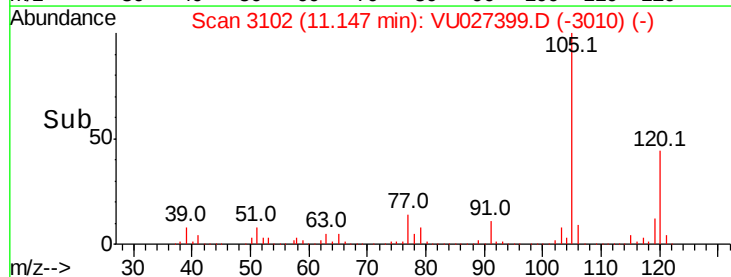
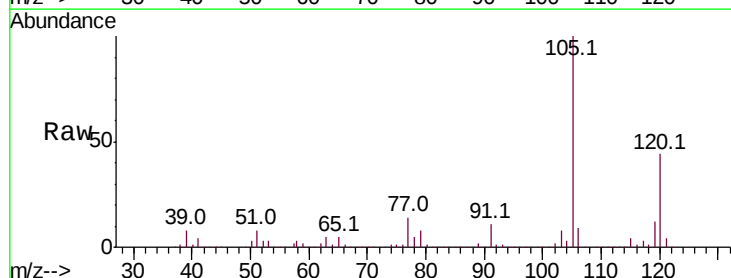
Instrument :
 MSVOA_U
 ClientSampleId :
 B-6(8-8.5)

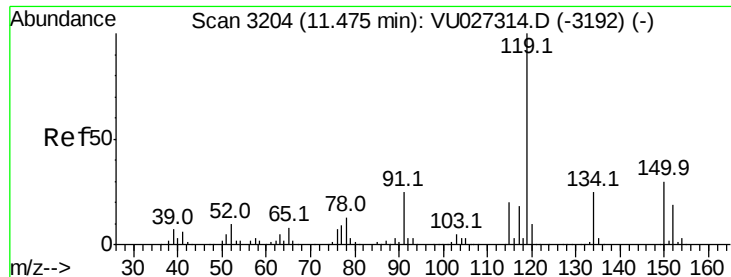
Tot Ion:105 Resp: 249670
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 134.740 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: VU027399.D
 Acq: 04 Oct 2018 11:36

Tgt Ion:105 Resp: 877401
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5

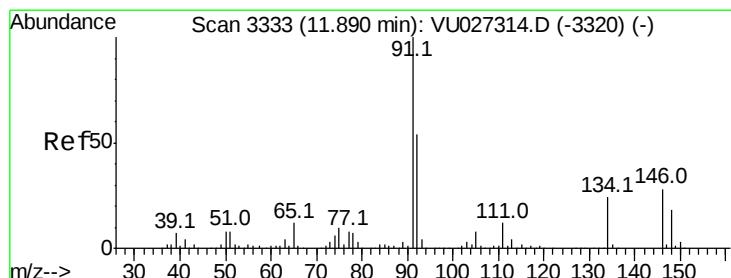
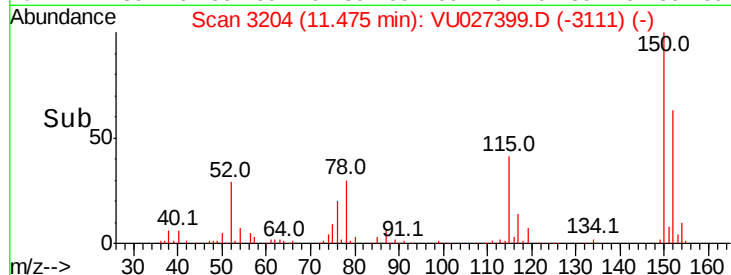
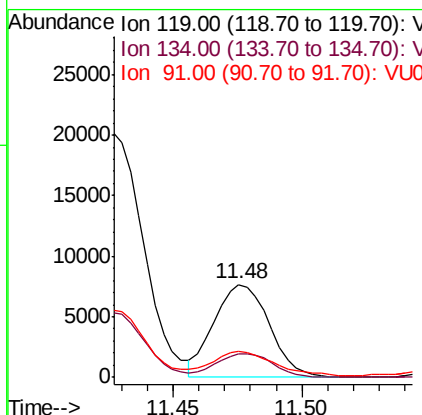
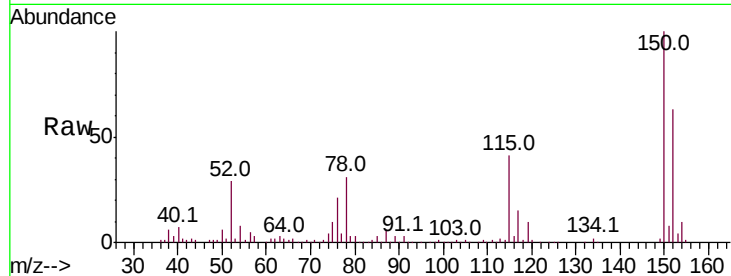




#86
p-Isopropyltoluene
Concen: 1.731 ug/l
RT: 11.48 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

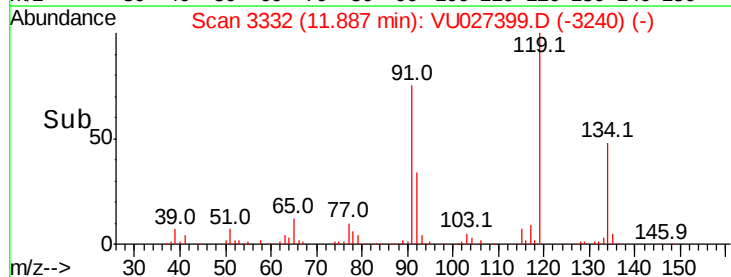
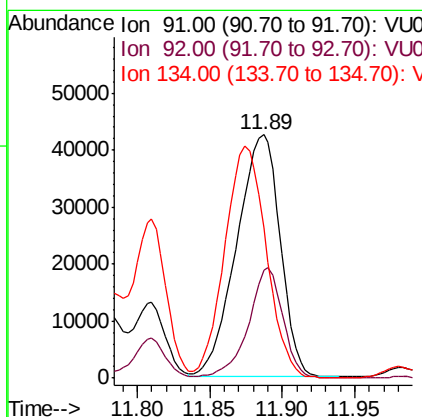
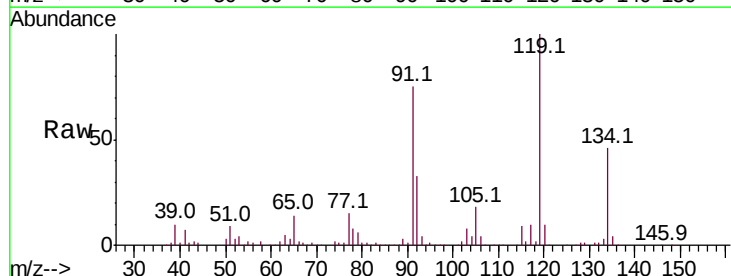
Instrument :
MSVOA_U
ClientSampleId :
B-6(8-8.5)

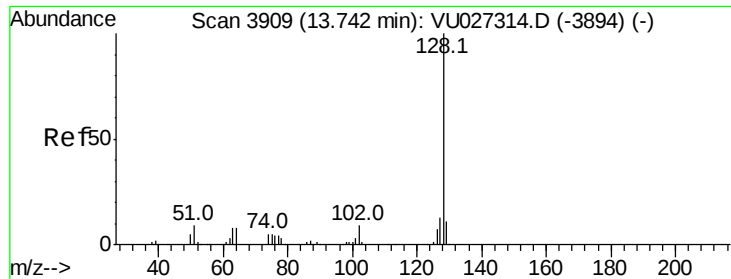
Tot Ion:119 Resp: 11505
Ion Ratio Lower Upper
119 100
134 25.8 12.7 38.1
91 31.5 12.2 36.4



#89
n-Butylbenzene
Concen: 14.067 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU027399.D
Acq: 04 Oct 2018 11:36

Tgt Ion: 91 Resp: 88961
Ion Ratio Lower Upper
91 100
92 36.3 27.0 81.0
134 91.3 11.7 35.1#





#95

Naphthalene

Concen: 20.882 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027399.D

Acq: 04 Oct 2018 11:36

Instrument :

MSVOA_U

ClientSampleId :

B-6(8-8.5)

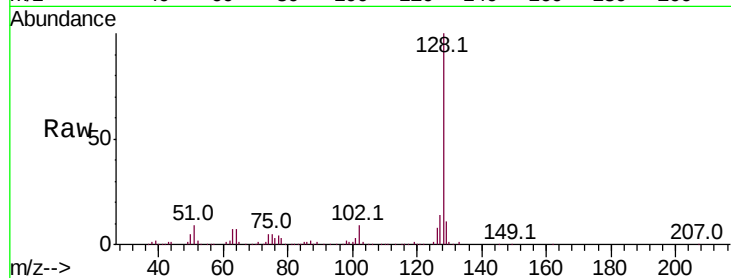
Tot Ion:128 Resp: 162055

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.3 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

