

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025918.D
 Acq On : 07 Aug 2018 04:38
 Operator : MD/SY
 Sample : J4344-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0534

Quant Time: Aug 07 09:14:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	202430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	324725	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	327809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	205195	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	157029	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
35) Dibromofluoromethane	4.89	113	133060	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
50) Toluene-d8	7.57	98	478058	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	10.31	95	192794	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	

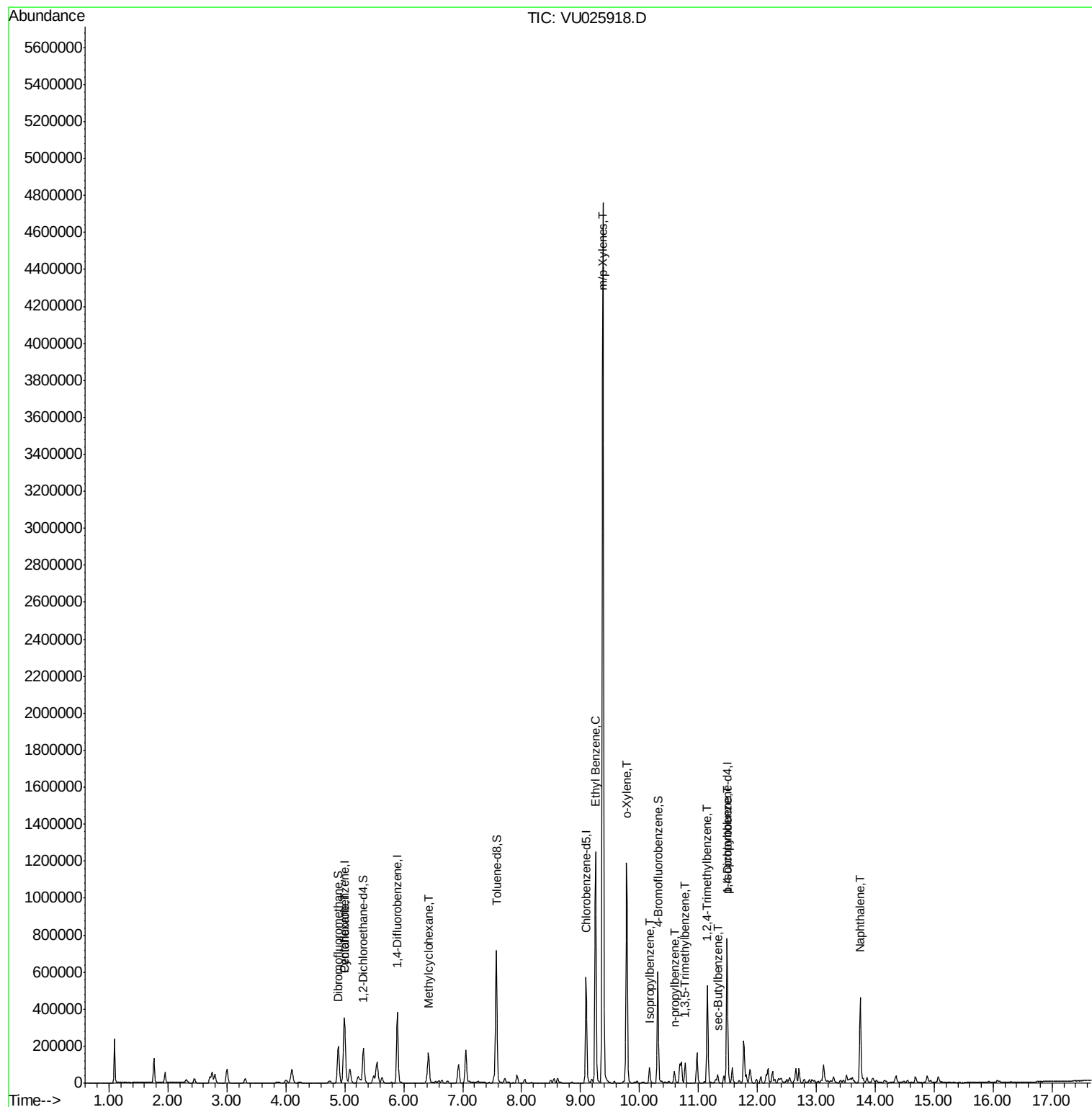
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	64112	15.00	ug/l	98
39) Methylcyclohexane	6.42	83	70702	16.26	ug/l	99
67) Ethyl Benzene	9.25	91	886672	63.33	ug/l	99
68) m/p-Xylenes	9.38	106	1380102	256.77	ug/l	99
69) o-Xylene	9.78	106	318437	60.62	ug/l	98
73) Isopropylbenzene	10.17	105	54520	3.89	ug/l	99
78) n-propylbenzene	10.59	91	48259	2.95	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	59909	5.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	287893	23.89	ug/l	98
85) sec-Butylbenzene	11.33	105	29814	2.07	ug/l	96
86) p-Isopropyltoluene	11.48	119	18095	1.40	ug/l	92
95) Naphthalene	13.74	128	366869	24.73	ug/l	99

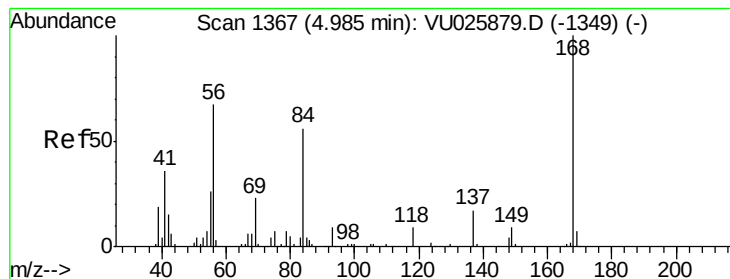
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025918.D

Acq: 07 Aug 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

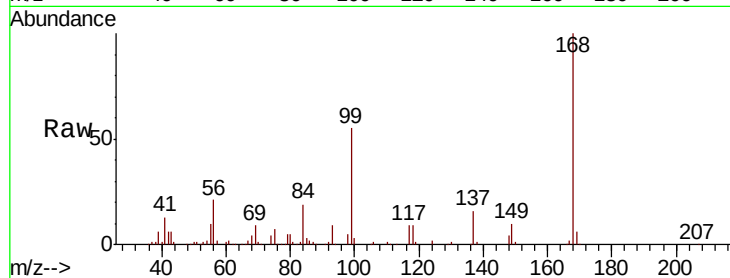
FL-0534

Tot Ion:168 Resp: 202430

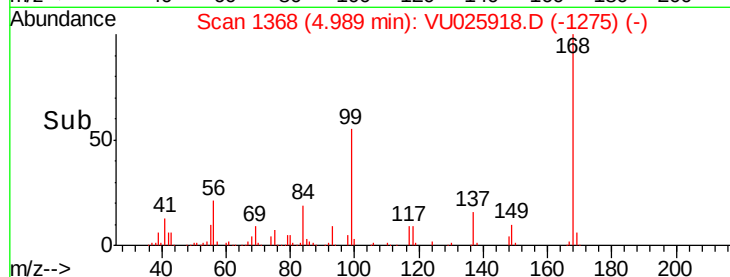
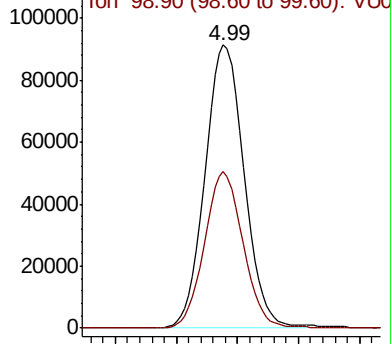
Ion Ratio Lower Upper

168 100

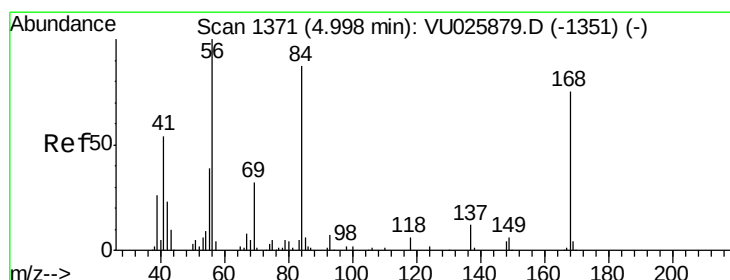
99 55.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025918.D (-1275) (-)



Time-->



#31

Cyclohexane

Concen: 15.00 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025918.D

Acq: 07 Aug 2018 04:38

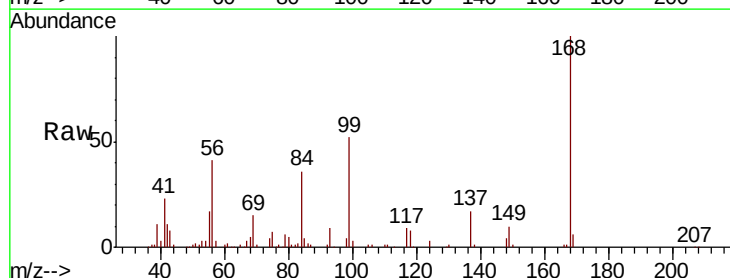
Tgt Ion: 56 Resp: 64112

Ion Ratio Lower Upper

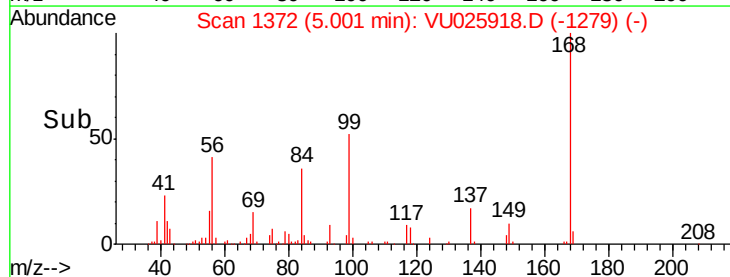
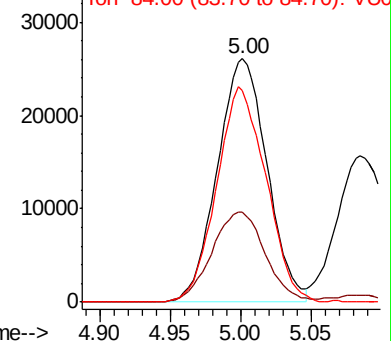
56 100

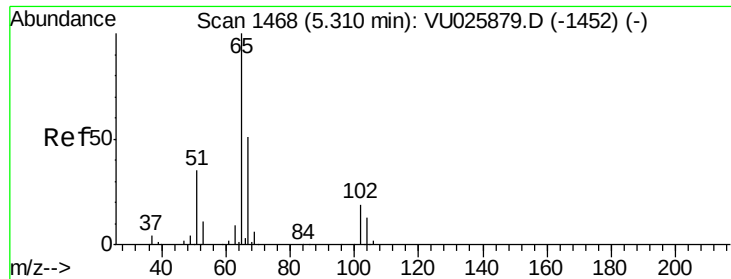
69 36.7 26.8 40.2

84 86.8 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025918.D (-1279) (-)

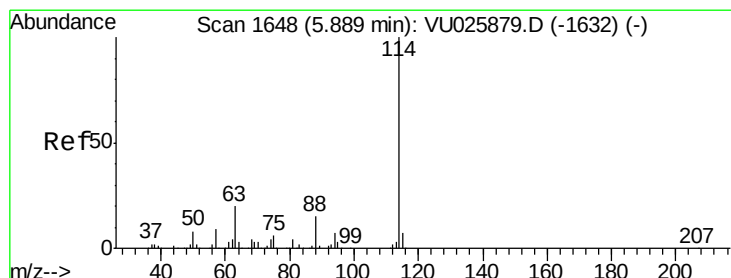
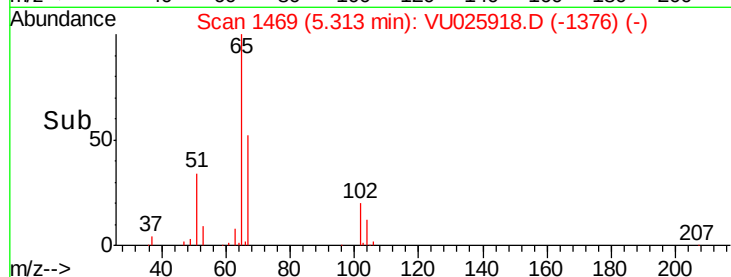
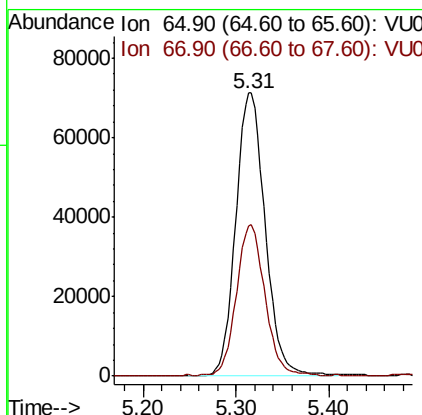
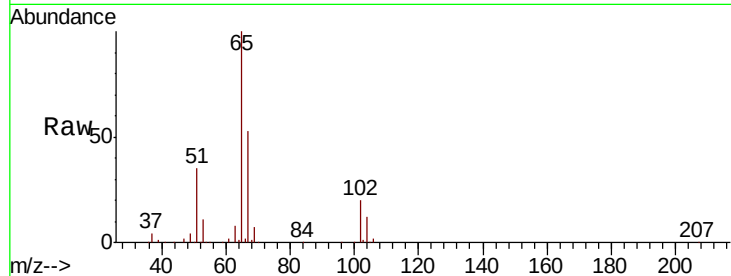




#33
 1,2-Dichloroethane-d4
 Concen: 49.79 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025918.D
 Acq: 07 Aug 2018 04:38

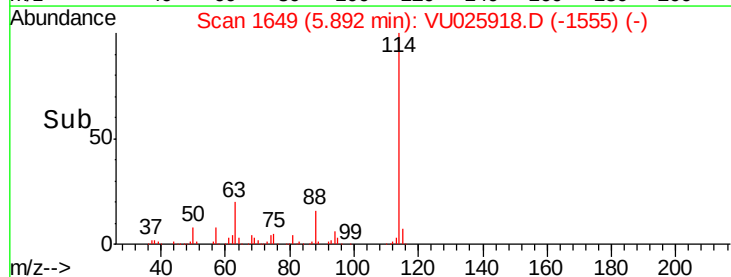
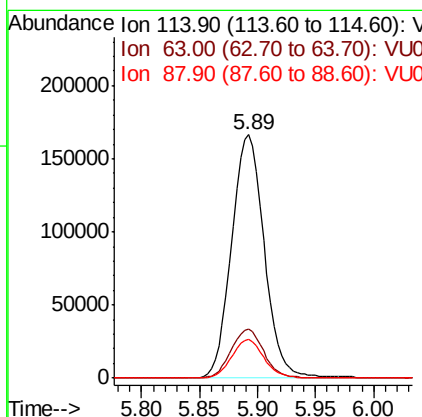
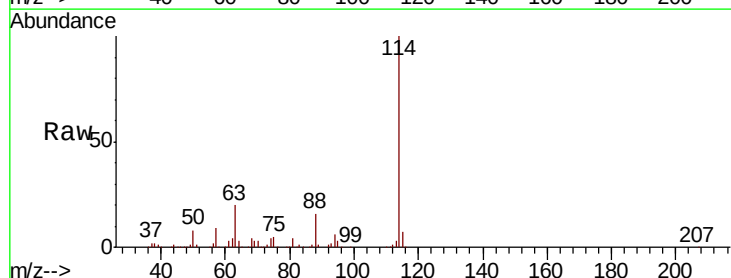
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0534

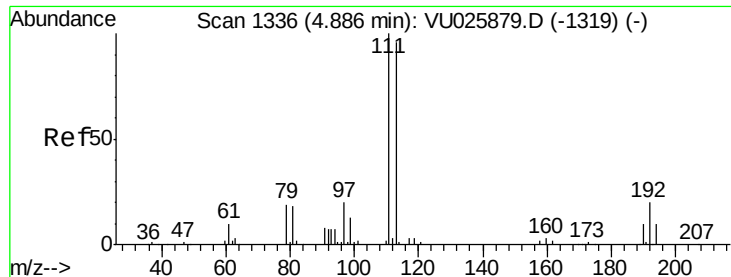
Tot Ion: 65 Resp: 157029
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025918.D
 Acq: 07 Aug 2018 04:38

Tgt Ion: 114 Resp: 324725
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.6
 88 15.8 0.0 32.4

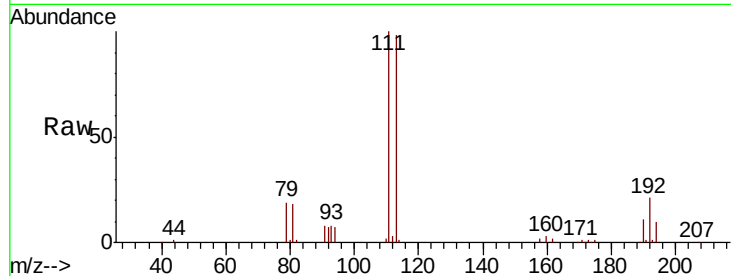




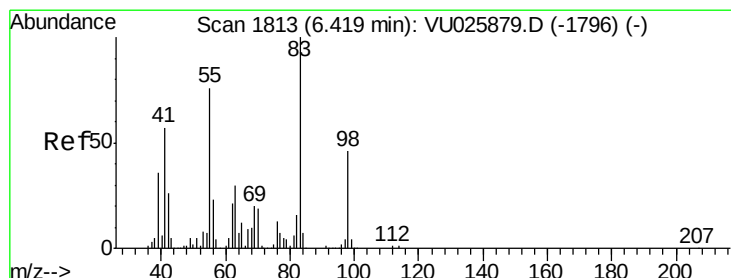
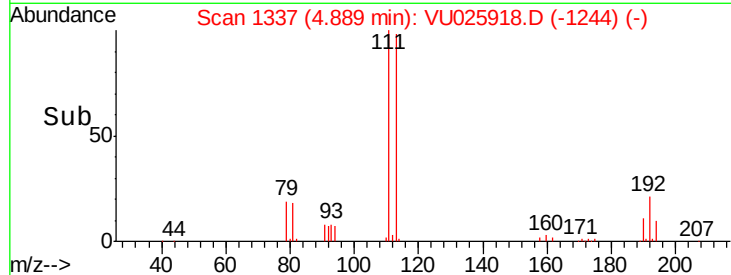
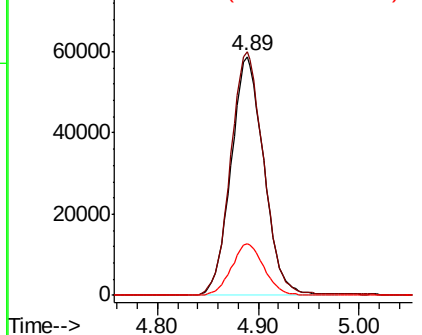
#35
 Dibromofluoromethane
 Concen: 47.11 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025918.D
 Acq: 07 Aug 2018 04:38

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0534

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.7	122.5
192	21.3	17.1	25.7

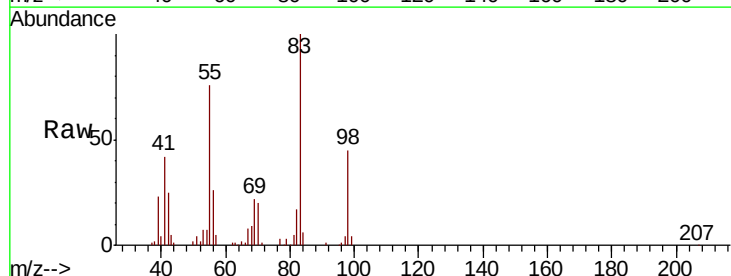


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

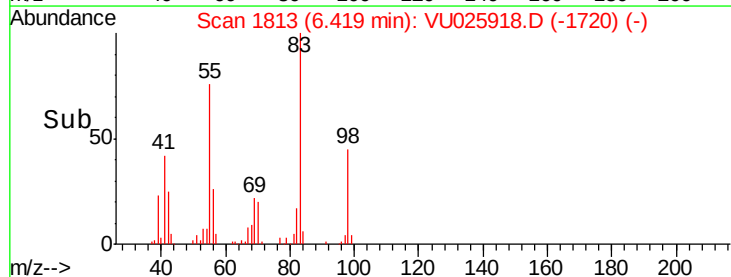
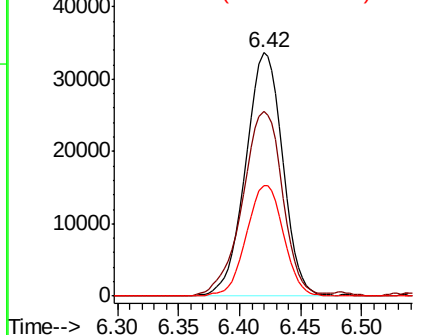


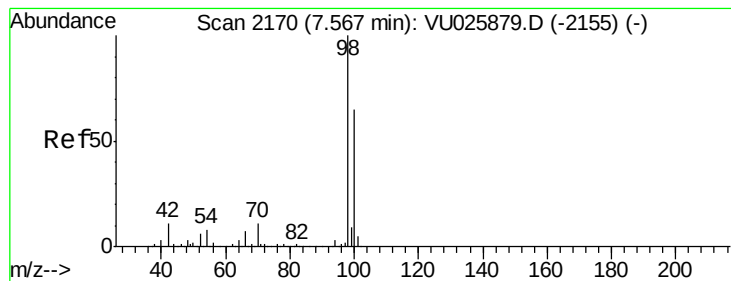
#39
 Methylcyclohexane
 Concen: 16.26 ug/l
 RT: 6.42 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VU025918.D
 Acq: 07 Aug 2018 04:38

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.7	60.0	90.0
98	45.4	36.1	54.1



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: 48.37 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VU025918.D

Acq: 07 Aug 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

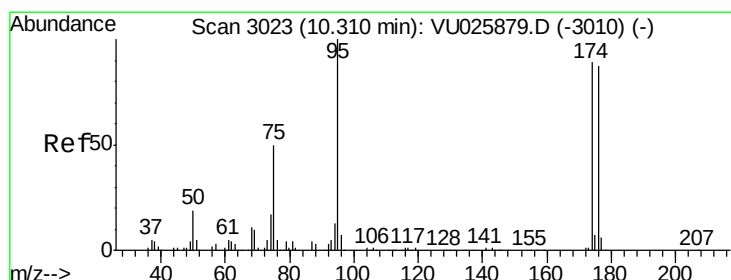
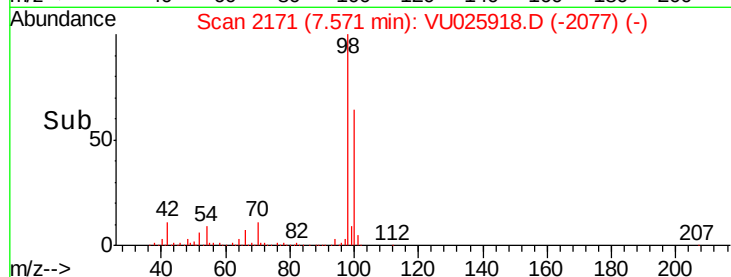
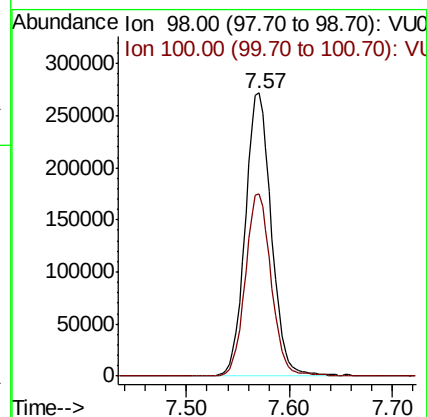
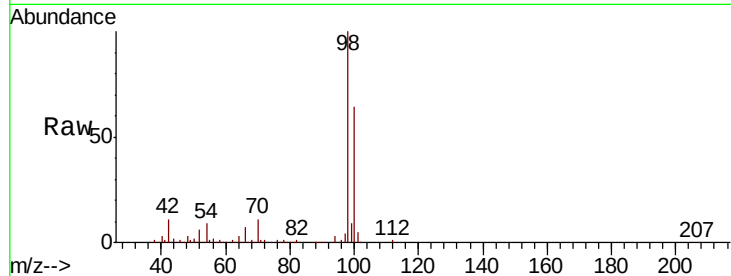
FL-0534

Tot Ion: 98 Resp: 478058

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 50.26 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025918.D

Acq: 07 Aug 2018 04:38

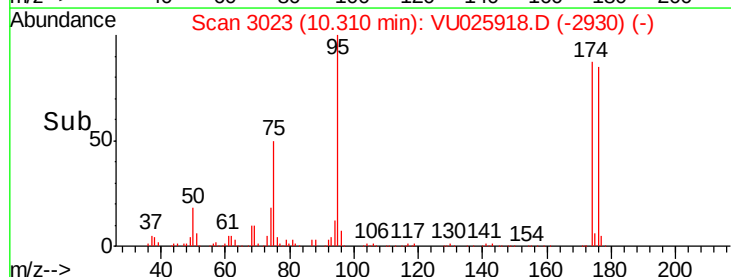
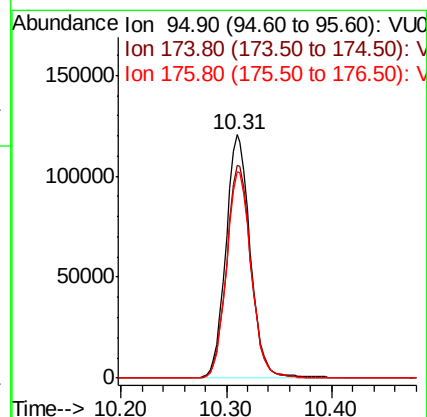
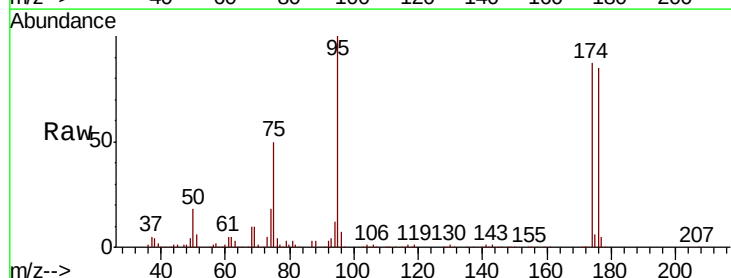
Tgt Ion: 95 Resp: 192794

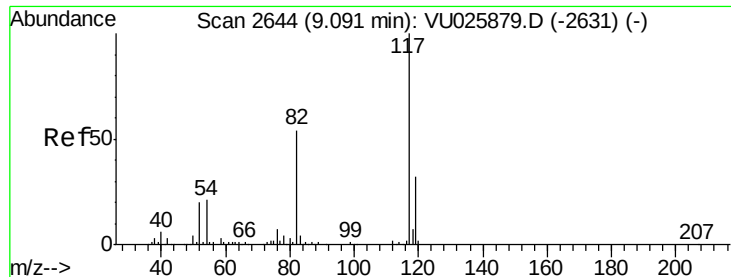
Ion Ratio Lower Upper

95 100

174 87.9 0.0 172.2

176 85.3 0.0 162.6

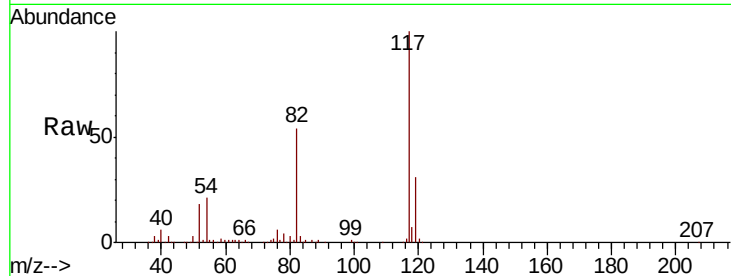




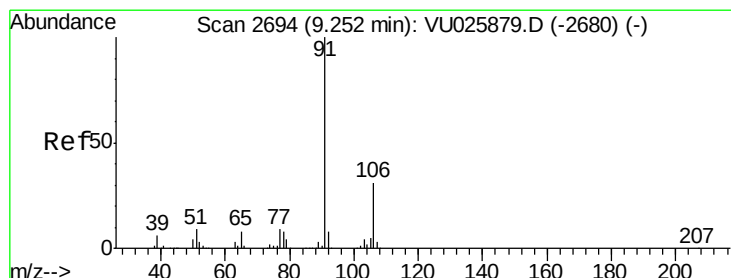
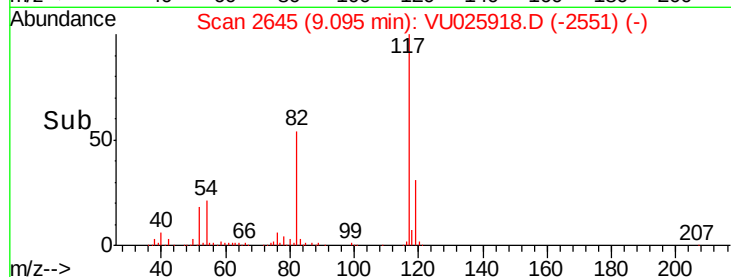
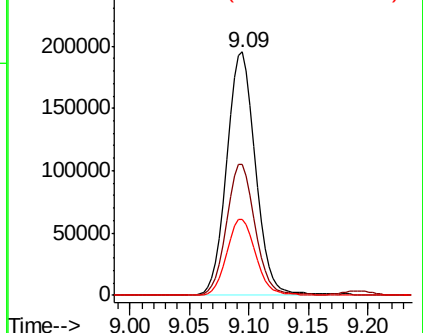
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025918.D
Acq: 07 Aug 2018 04:38

Instrument :
MSVOA_U
ClientSampleId :
FL-0534

Tot Ion:117 Resp: 327809
Ion Ratio Lower Upper
117 100
82 53.9 46.0 69.0
119 31.4 26.0 39.0

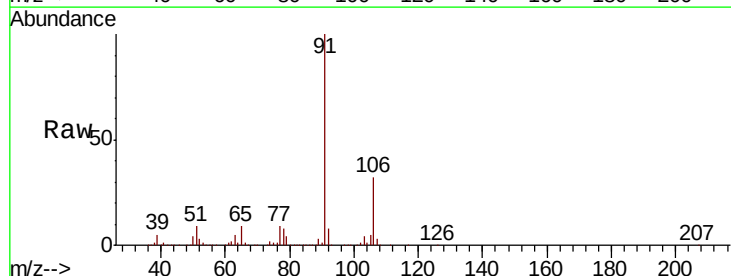


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

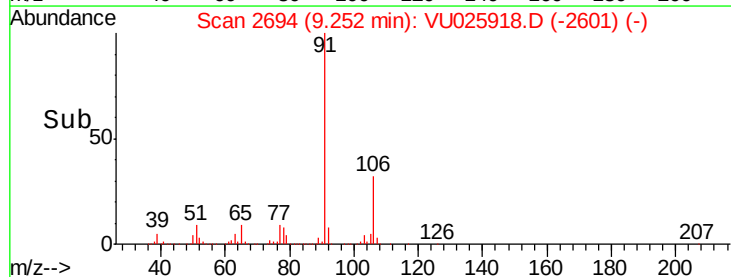
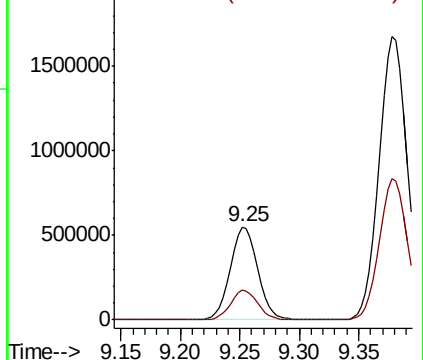


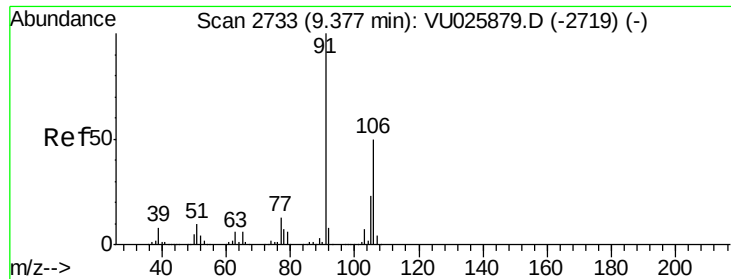
#67
Ethyl Benzene
Concen: 63.33 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025918.D
Acq: 07 Aug 2018 04:38

Tgt Ion: 91 Resp: 886672
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



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

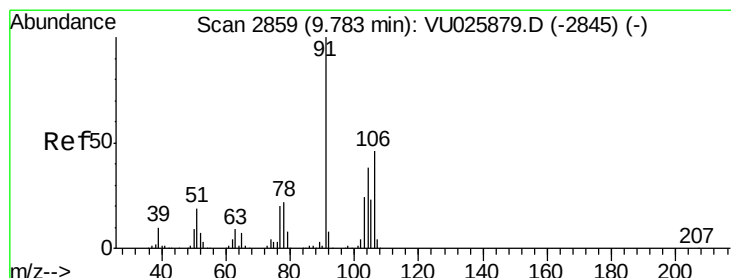
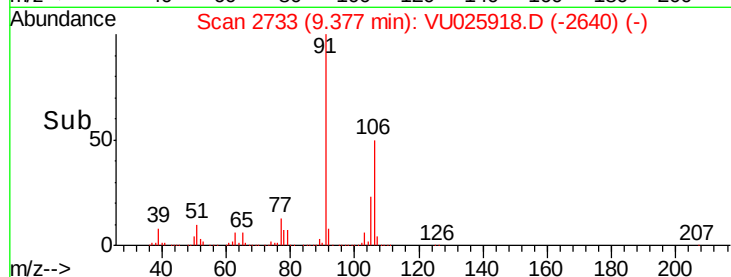
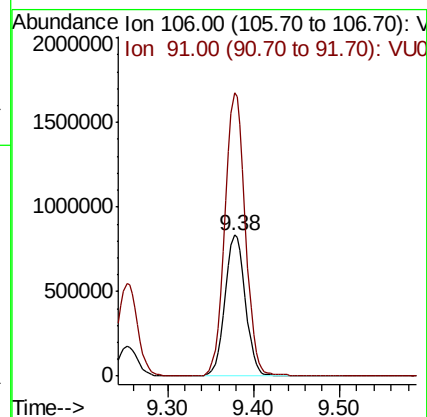
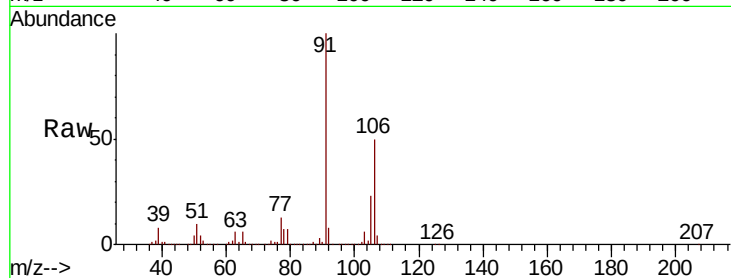




#68
m/p-Xylenes
Concen: 256.77 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025918.D
Acq: 07 Aug 2018 04:38

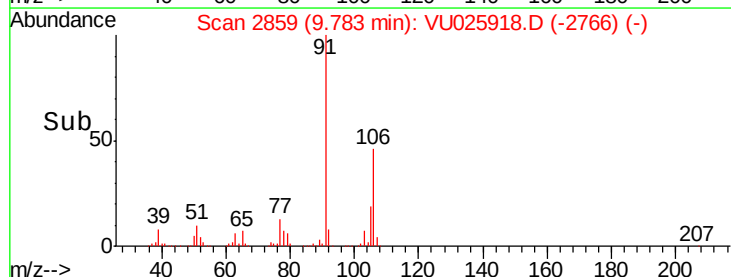
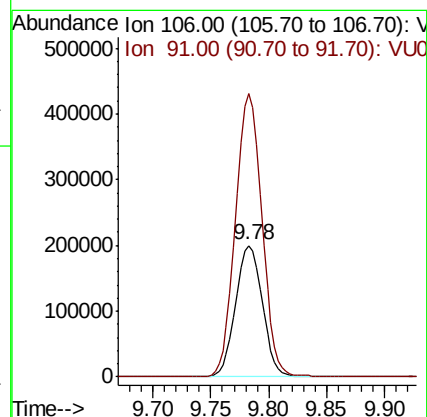
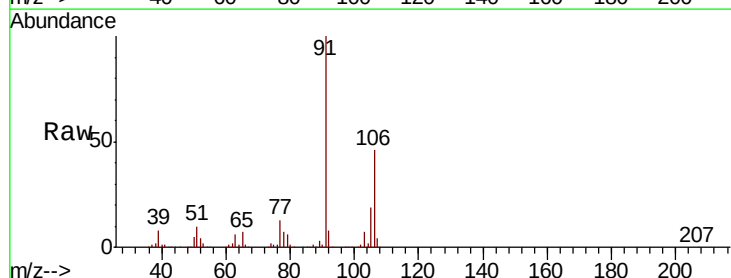
Instrument :
MSVOA_U
ClientSampleId :
FL-0534

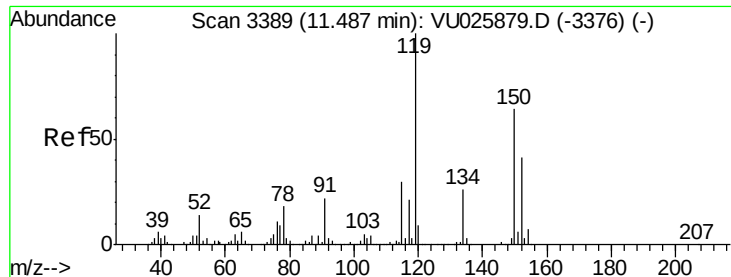
Tot Ion:106 Resp: 1380102
Ion Ratio Lower Upper
106 100
91 200.9 162.3 243.5



#69
o-Xylene
Concen: 60.62 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025918.D
Acq: 07 Aug 2018 04:38

Tgt Ion:106 Resp: 318437
Ion Ratio Lower Upper
106 100
91 213.2 105.3 315.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025918.D

Acq: 07 Aug 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

FL-0534

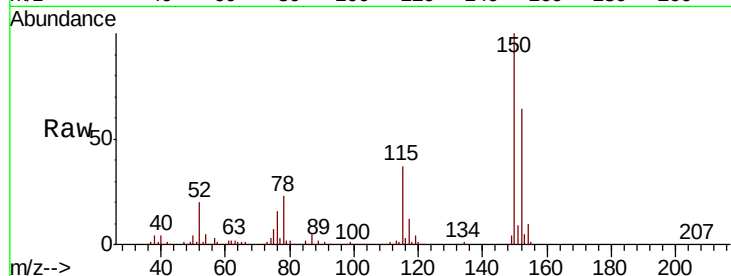
Tot Ion:152 Resp: 205195

Ion Ratio Lower Upper

152 100

115 56.6 40.1 120.3

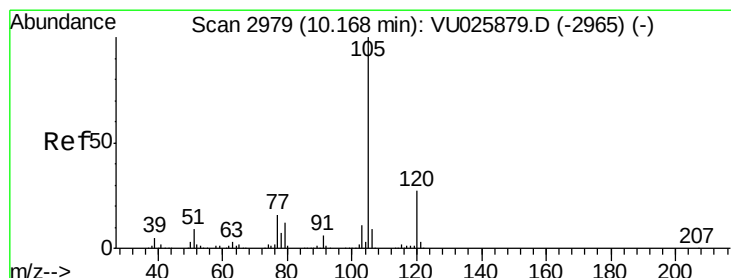
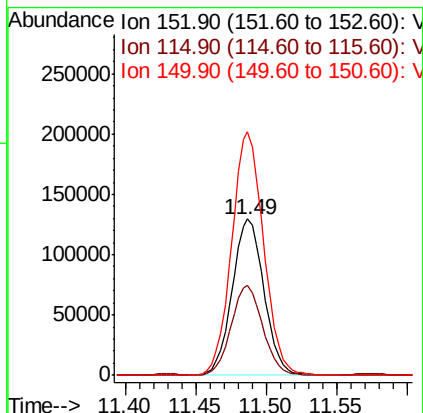
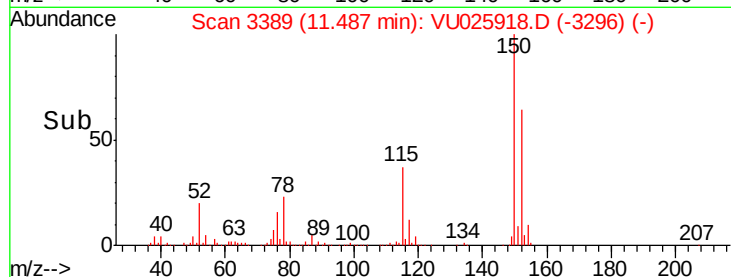
150 155.7 0.0 351.4



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: 3.89 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025918.D

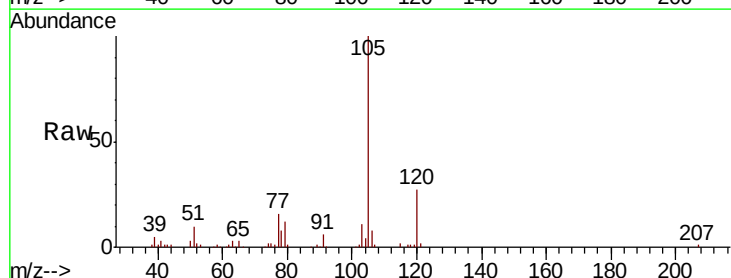
Acq: 07 Aug 2018 04:38

Tgt Ion:105 Resp: 54520

Ion Ratio Lower Upper

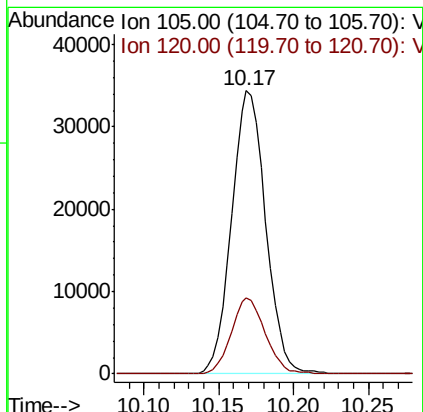
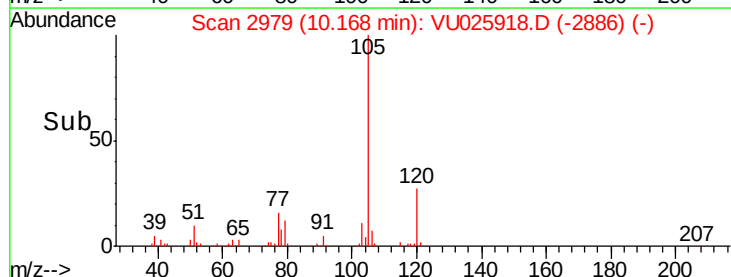
105 100

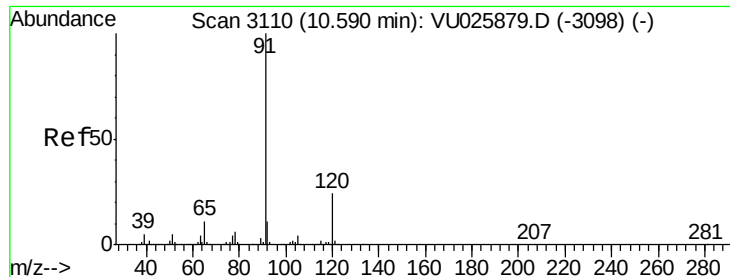
120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 2.95 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025918.D

Acq: 07 Aug 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

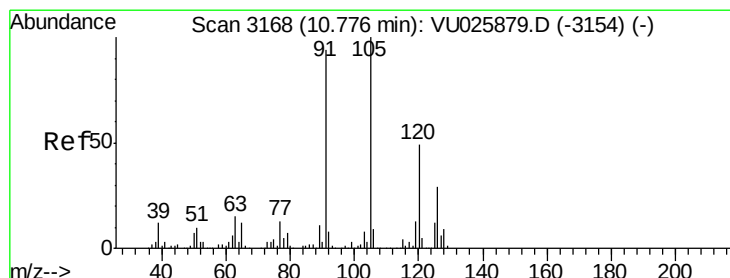
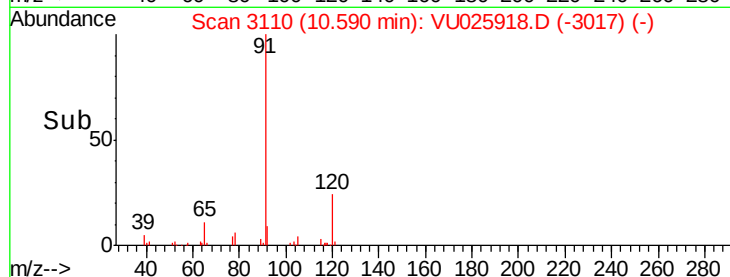
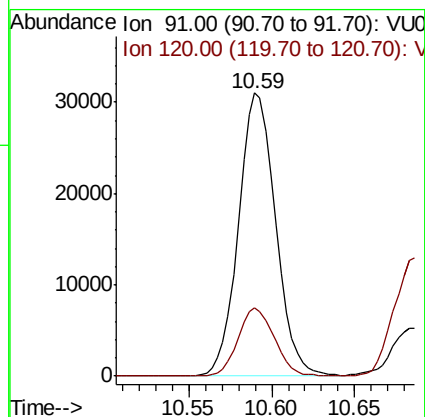
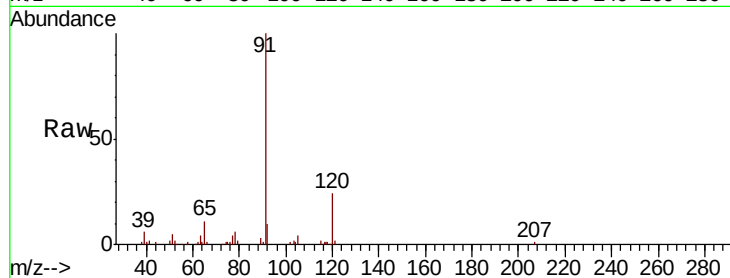
FL-0534

Tot Ion: 91 Resp: 48259

Ion Ratio Lower Upper

91 100

120 23.5 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 5.04 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025918.D

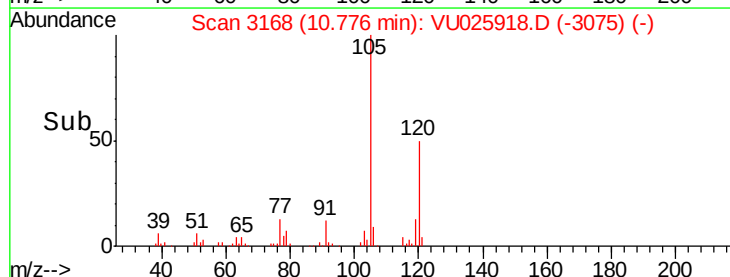
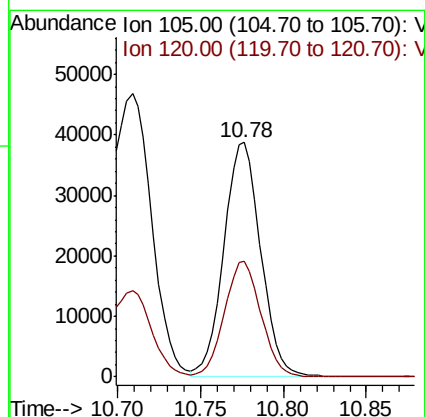
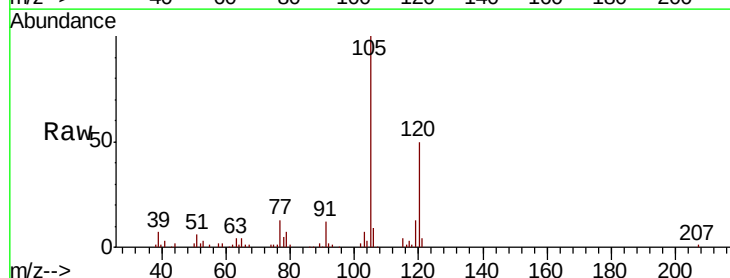
Acq: 07 Aug 2018 04:38

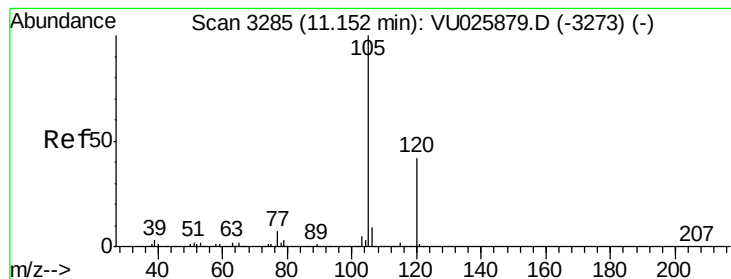
Tgt Ion: 105 Resp: 59909

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.2





#84

1,2,4-Trimethylbenzene

Concen: 23.89 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025918.D

Acq: 07 Aug 2018 04:38

Instrument :

MSVOA_U

ClientSampleId :

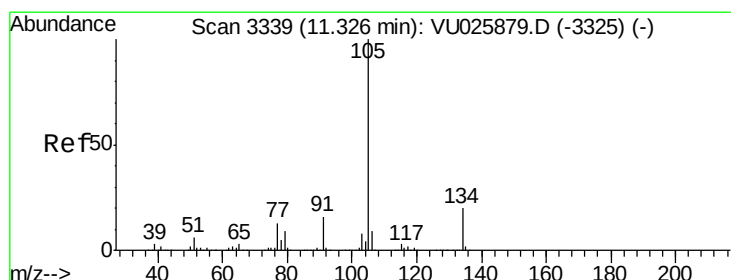
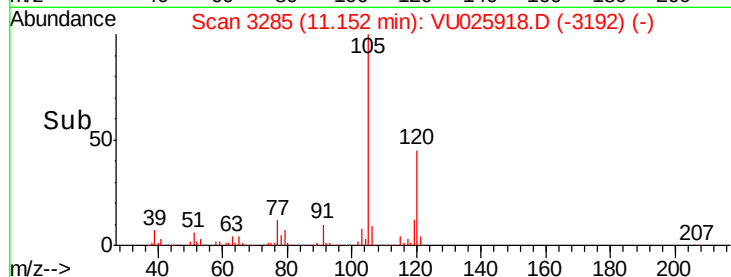
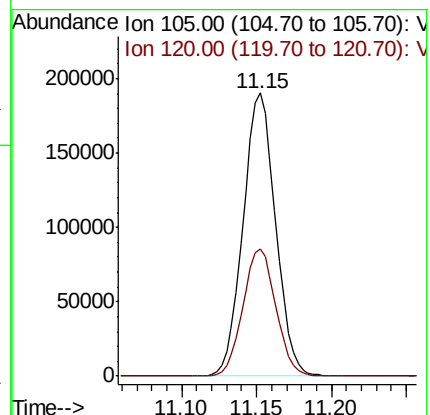
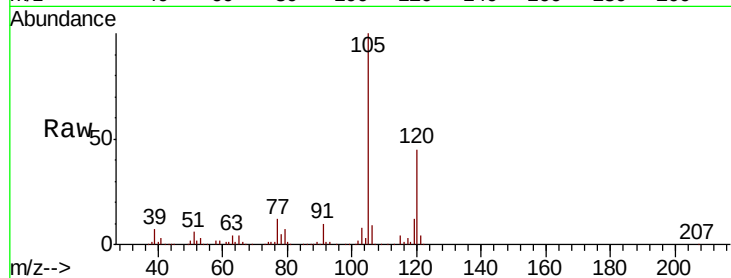
FL-0534

Tot Ion:105 Resp: 287893

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.8



#85

sec-Butylbenzene

Concen: 2.07 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025918.D

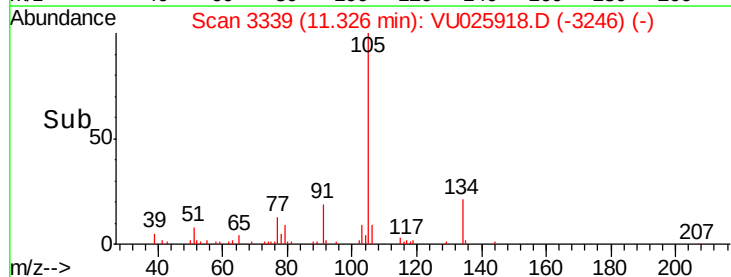
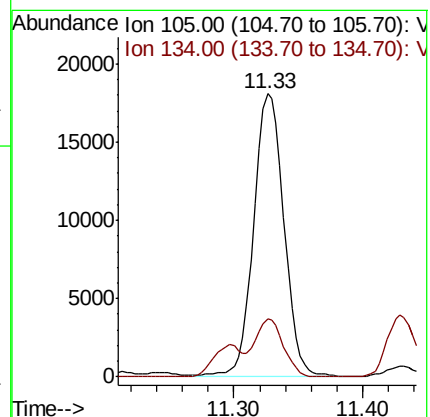
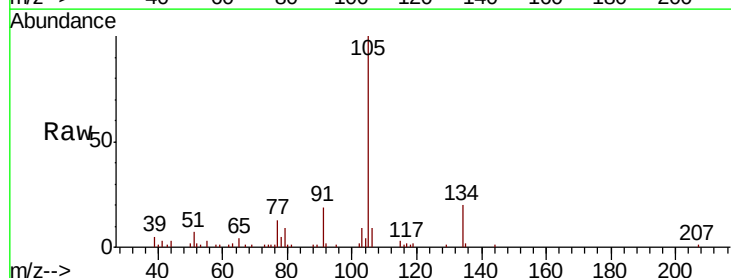
Acq: 07 Aug 2018 04:38

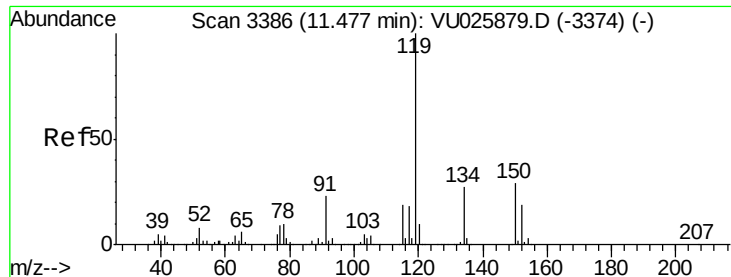
Tgt Ion:105 Resp: 29814

Ion Ratio Lower Upper

105 100

134 18.7 10.3 30.8

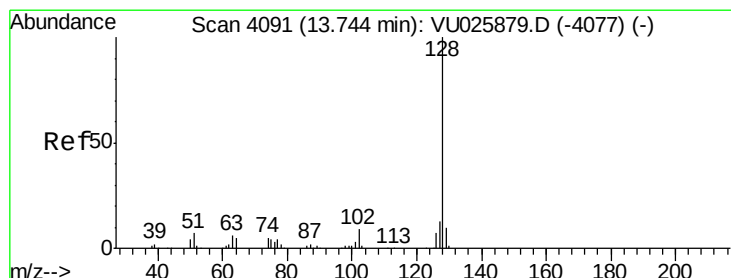
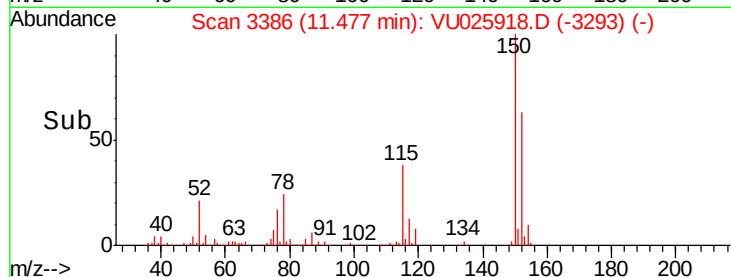
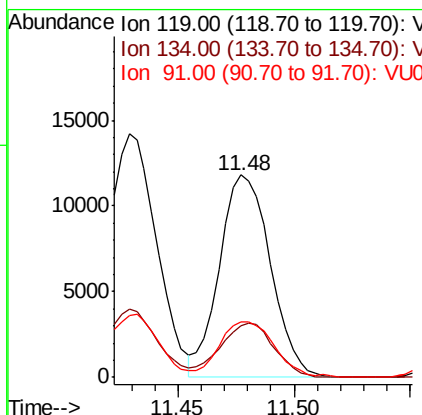
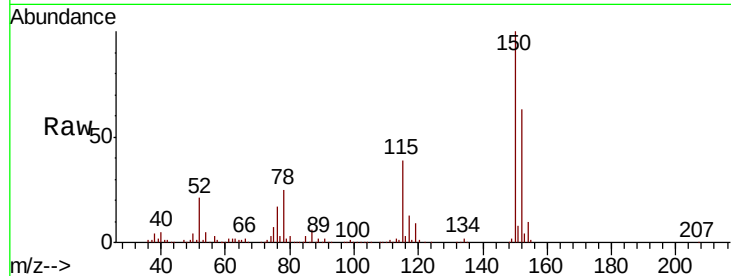




#86
p-Isopropyltoluene
Concen: 1.40 ug/l
RT: 11.48 min Scan# 3386
Delta R.T. 0.00 min
Lab File: VU025918.D
Acq: 07 Aug 2018 04:38

Instrument :
MSVOA_U
ClientSampleId :
FL-0534

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.1	13.2	39.5
91	30.0	12.0	36.1



#95
Naphthalene
Concen: 24.73 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025918.D
Acq: 07 Aug 2018 04:38

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.4	8.3	12.5

