

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025921.D
 Acq On : 07 Aug 2018 05:48
 Operator : MD/SY
 Sample : J4344-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0529

Quant Time: Aug 07 07:06:59 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	211398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	338093	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	335765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	219878	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	160052	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
35) Dibromofluoromethane	4.89	113	138073	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	7.57	98	502197	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	10.31	95	199832	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	

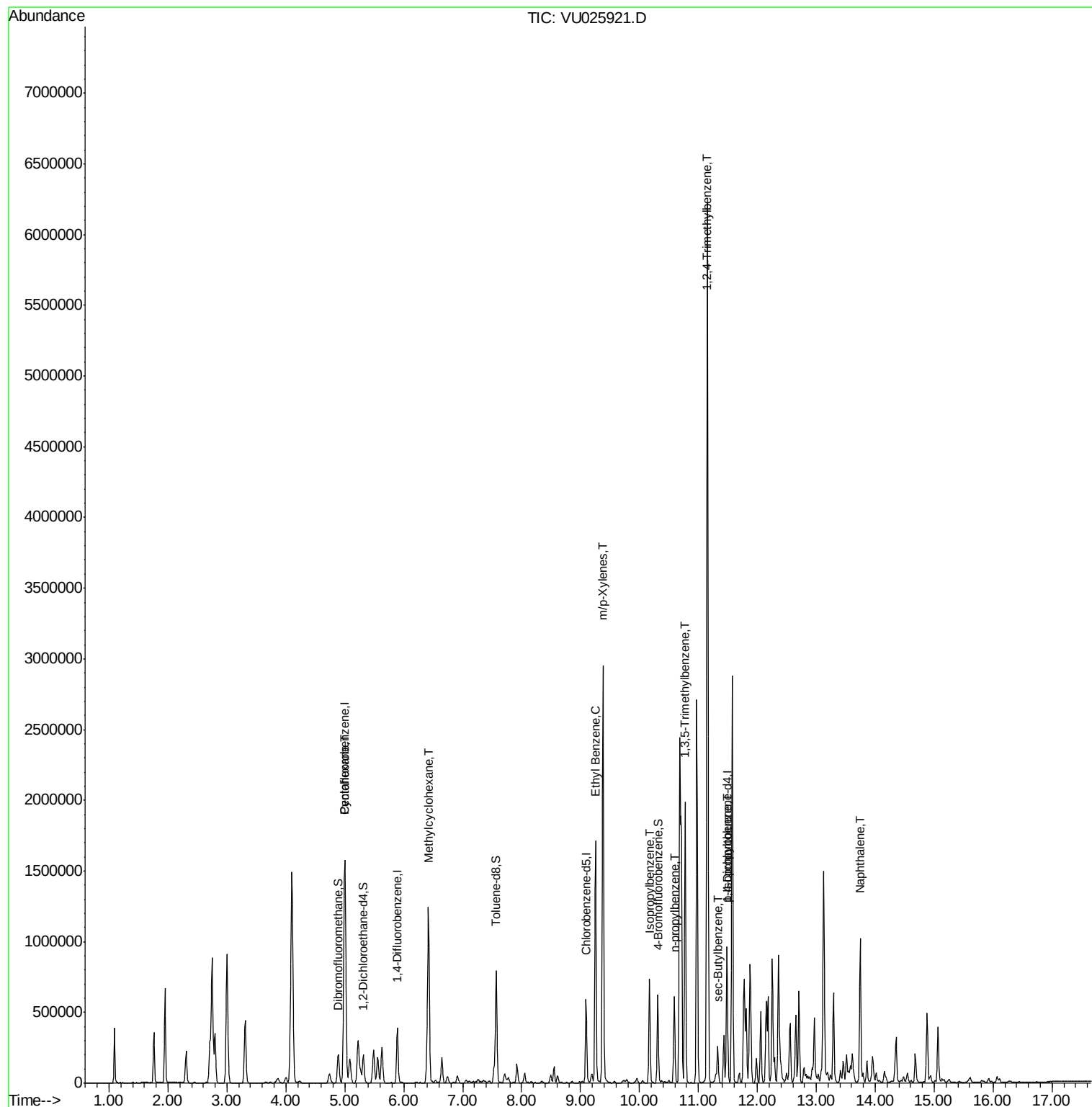
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	721425	175.27	ug/l	98
39) Methylcyclohexane	6.42	83	538963	119.05	ug/l	98
67) Ethyl Benzene	9.25	91	1197203	83.49	ug/l	99
68) m/p-Xylenes	9.38	106	825696	149.98	ug/l	98
73) Isopropylbenzene	10.17	105	473518	31.55	ug/l	99
78) n-propylbenzene	10.59	91	459601	26.24	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	1071308	84.06	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	3363772	260.45	ug/l	98
85) sec-Butylbenzene	11.33	105	167339	10.82	ug/l	100
86) p-Isopropyltoluene	11.48	119	102185	7.38	ug/l	99
95) Naphthalene	13.74	128	802809	49.19	ug/l	99

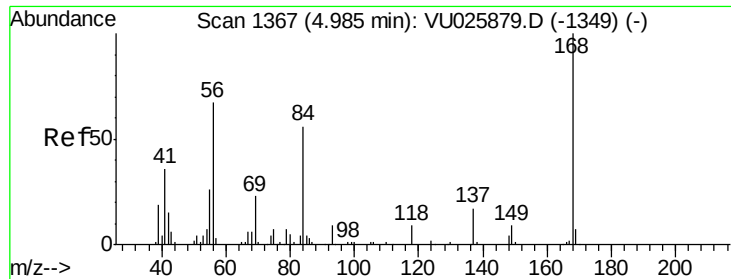
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 00:49:55 2018
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: VU025921.D

Acq: 07 Aug 2018 05:48

Instrument :

MSVOA_U

ClientSampleId :

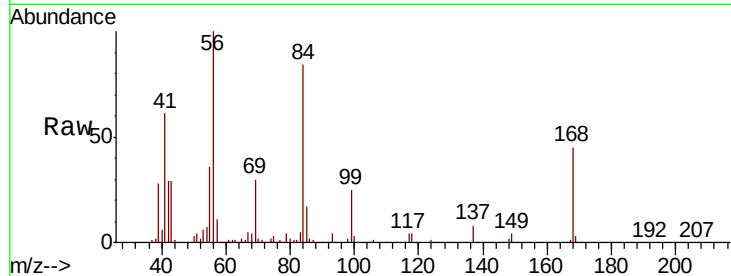
FL-0529

Tot Ion:168 Resp: 211398

Ion Ratio Lower Upper

168 100

99 55.5 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)

4.99

100000

80000

60000

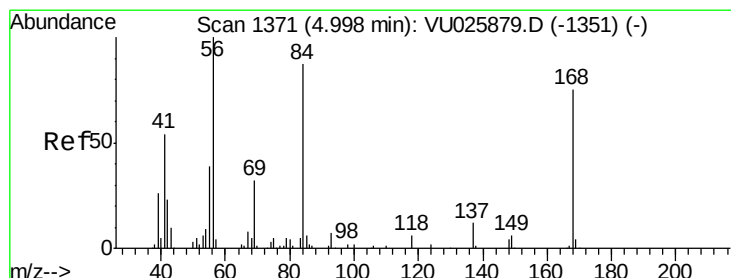
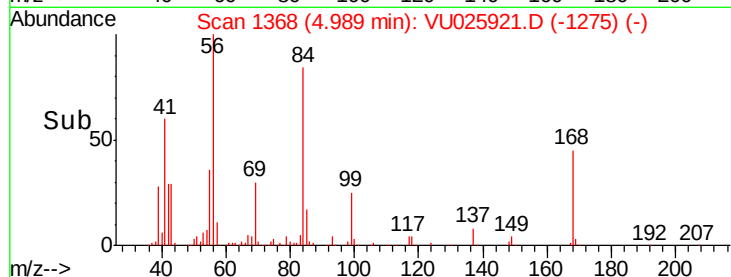
40000

20000

0

Time-->

4.90 5.00 5.10



#31

Cyclohexane

Concen: 175.27 ug/l

RT: 5.00 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VU025921.D

Acq: 07 Aug 2018 05:48

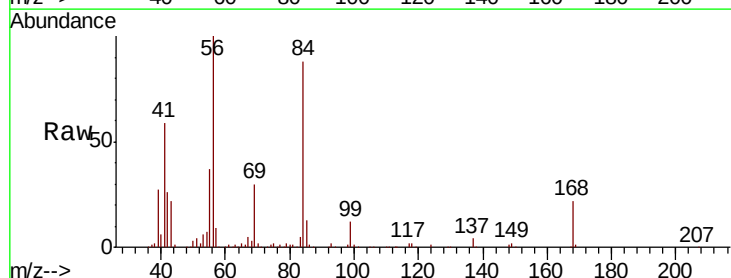
Tgt Ion: 56 Resp: 721425

Ion Ratio Lower Upper

56 100

69 30.3 26.8 40.2

84 87.9 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025879.D (-1351) (-)

Ion 69.00 (68.70 to 69.70): VU025879.D (-1351) (-)

Ion 84.00 (83.70 to 84.70): VU025879.D (-1351) (-)

5.00

400000

300000

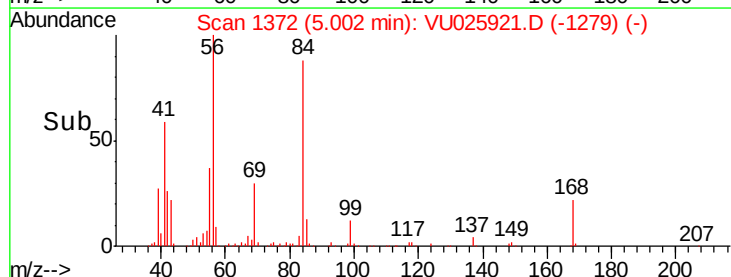
200000

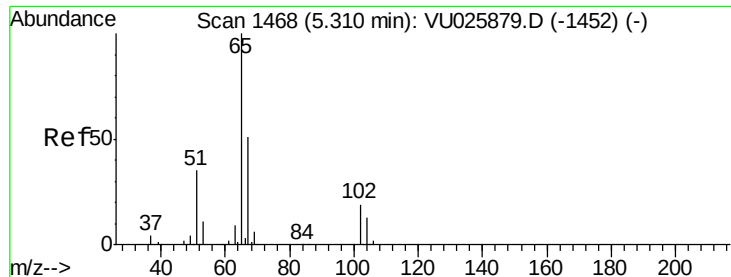
100000

0

Time-->

4.90 4.95 5.00 5.05

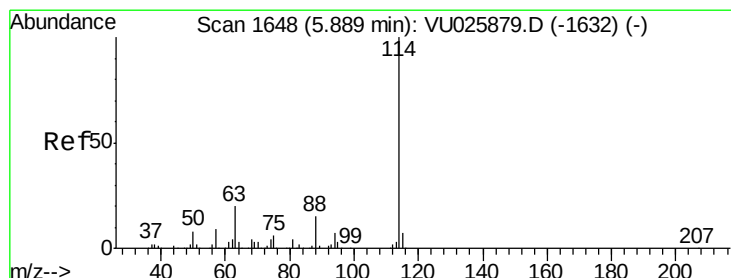
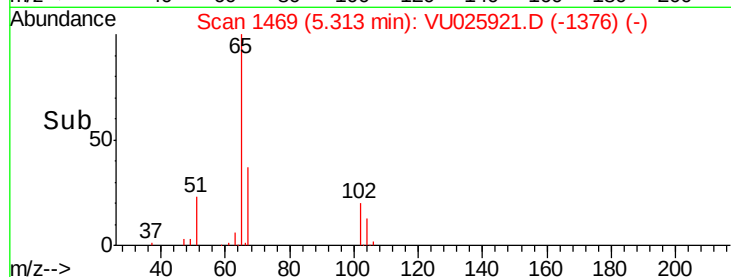
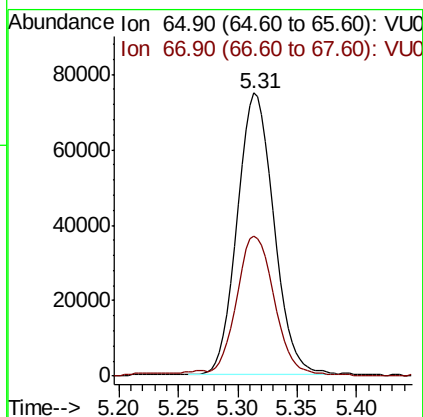
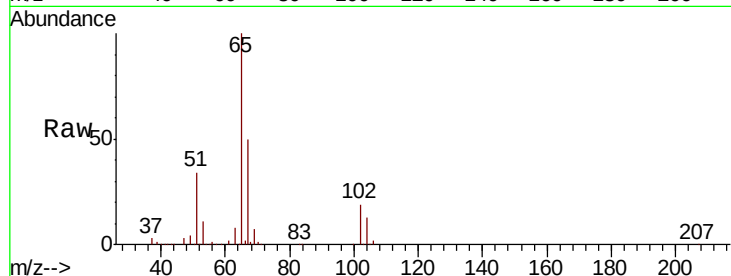




#33
 1,2-Dichloroethane-d4
 Concen: 48.59 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025921.D
 Acq: 07 Aug 2018 05:48

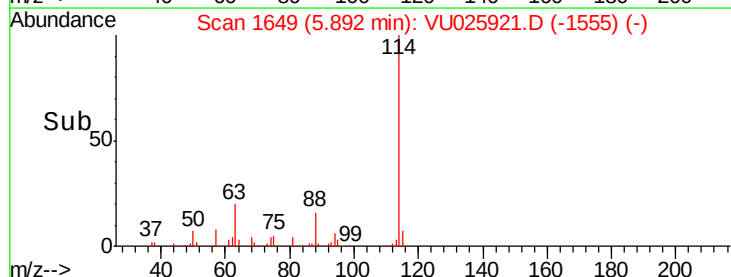
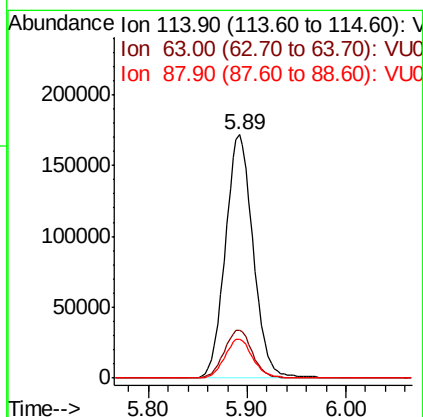
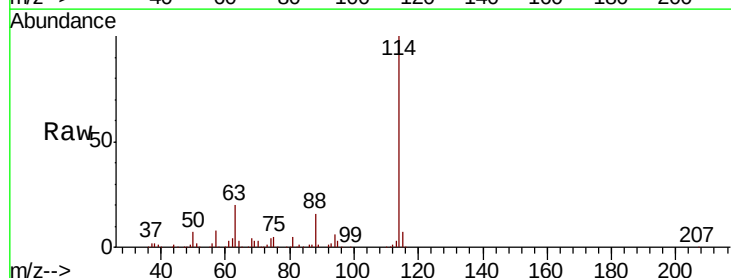
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0529

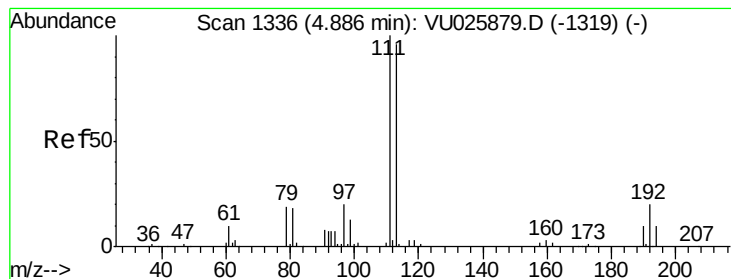
Tot Ion: 65 Resp: 160052
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025921.D
 Acq: 07 Aug 2018 05:48

Tgt Ion: 114 Resp: 338093
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.6
 88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.95 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025921.D

Acq: 07 Aug 2018 05:48

Instrument :

MSVOA_U

ClientSampleId :

FL-0529

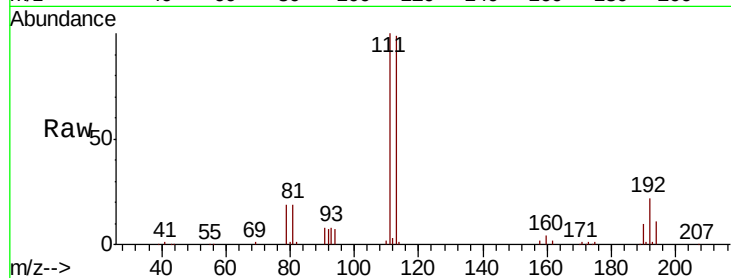
Tot Ion:113 Resp: 138073

Ion Ratio Lower Upper

113 100

111 101.0 81.7 122.5

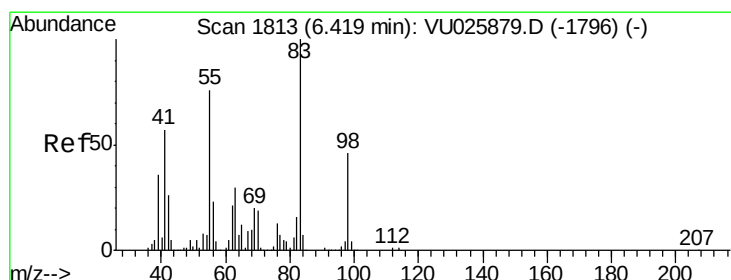
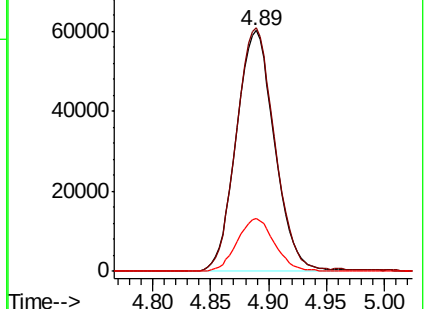
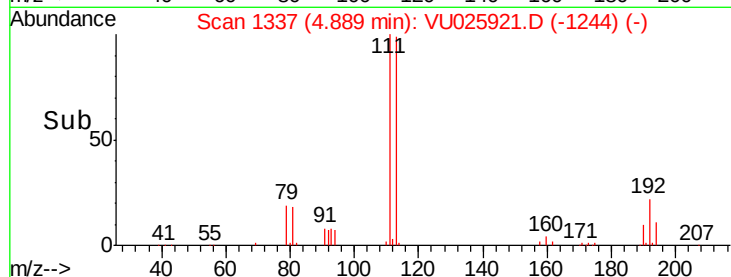
192 21.5 17.1 25.7



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: 119.05 ug/l

RT: 6.42 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VU025921.D

Acq: 07 Aug 2018 05:48

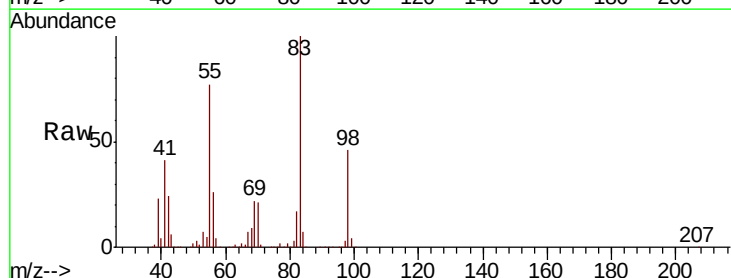
Tgt Ion: 83 Resp: 538963

Ion Ratio Lower Upper

83 100

55 76.6 60.0 90.0

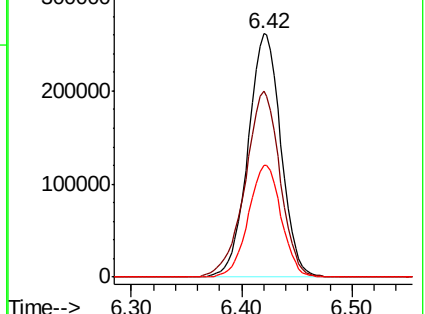
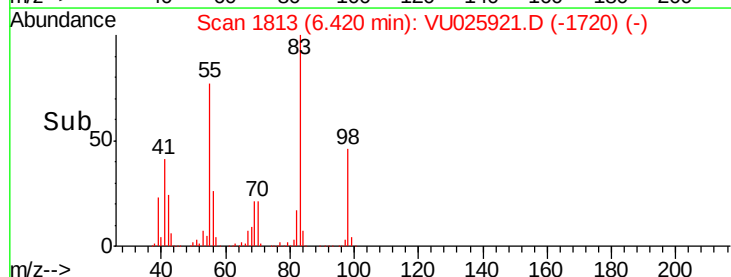
98 46.1 36.1 54.1

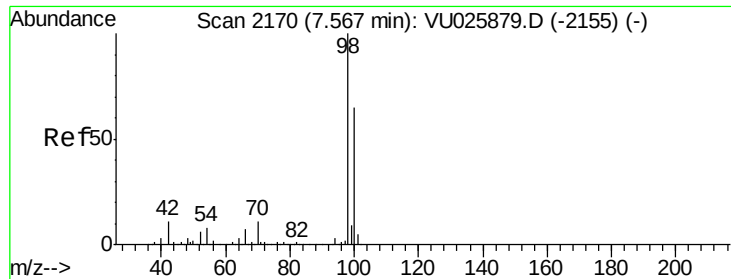


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

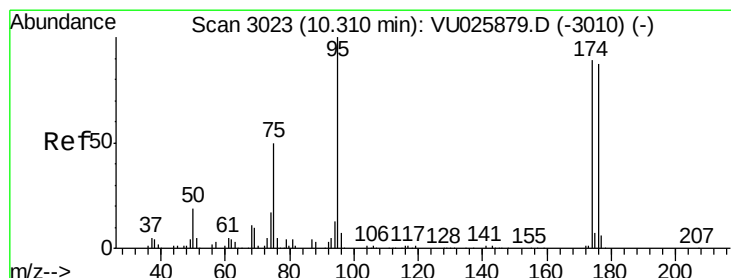
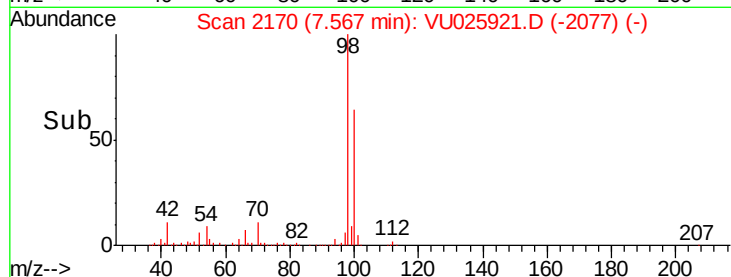
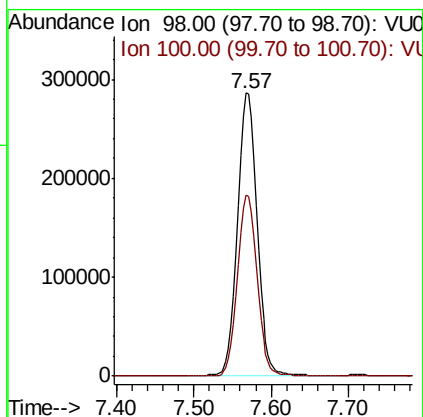
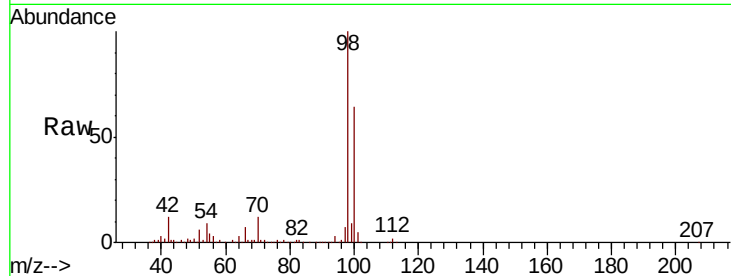




#50
Toluene-d8
Concen: 48.80 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025921.D
Acq: 07 Aug 2018 05:48

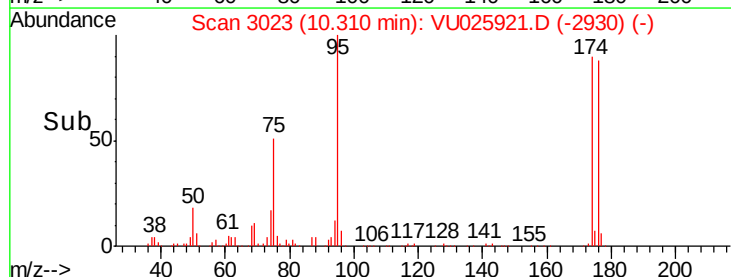
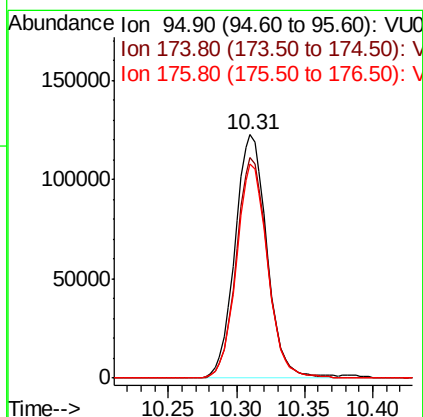
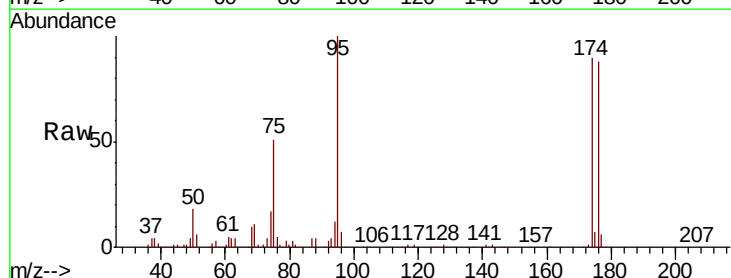
Instrument :
MSVOA_U
ClientSampleId :
FL-0529

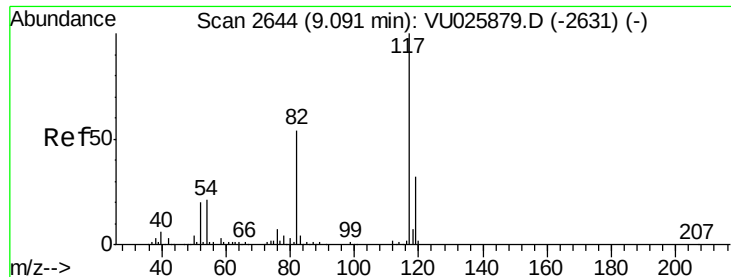
Tot Ion: 98 Resp: 502197
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 50.03 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025921.D
Acq: 07 Aug 2018 05:48

Tgt Ion: 95 Resp: 199832
Ion Ratio Lower Upper
95 100
174 88.6 0.0 172.2
176 85.7 0.0 162.6

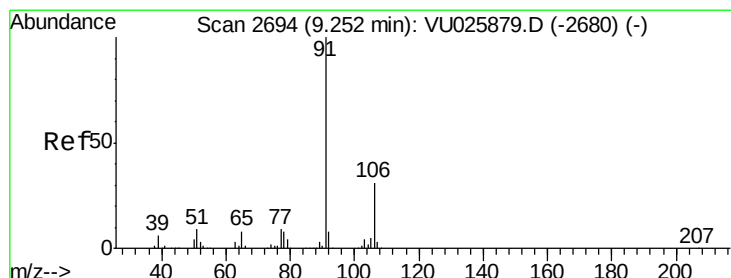
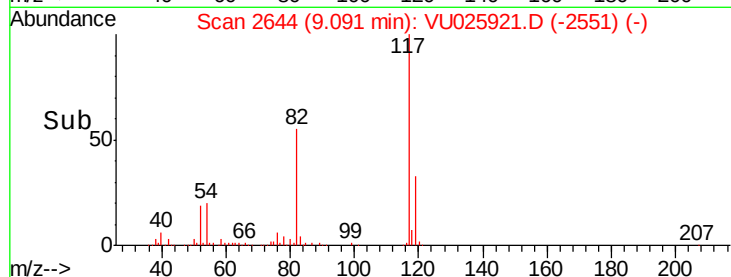
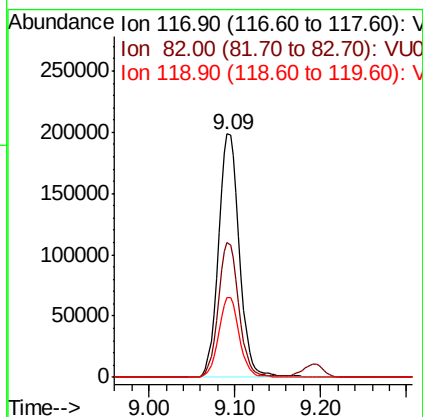
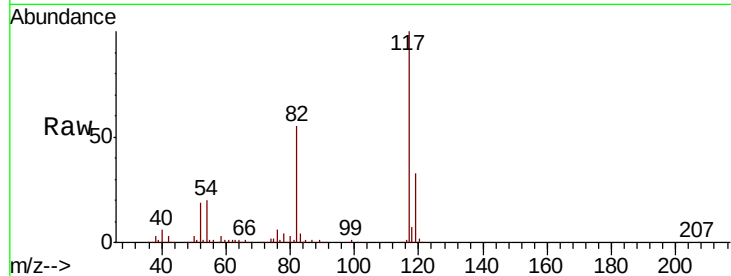




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025921.D
Acq: 07 Aug 2018 05:48

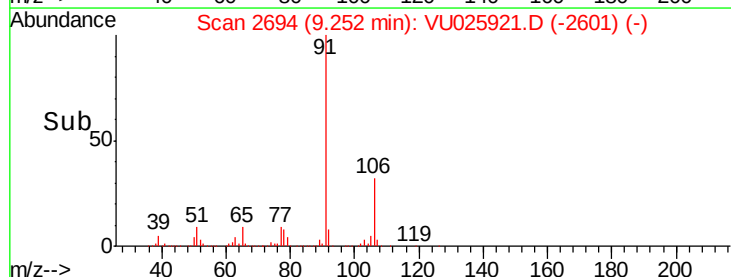
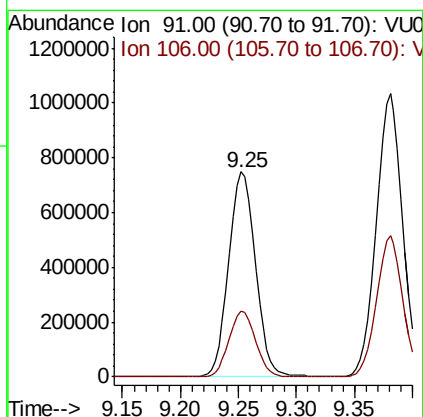
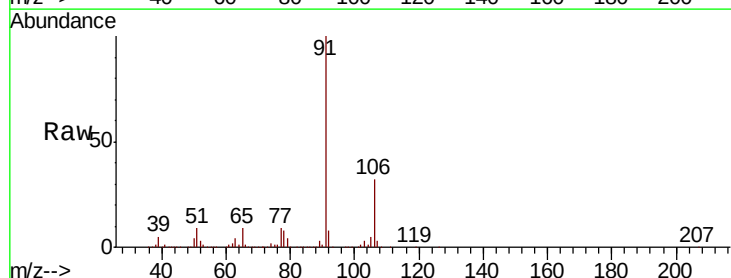
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MSVOA_U
ClientSampleId :
FL-0529

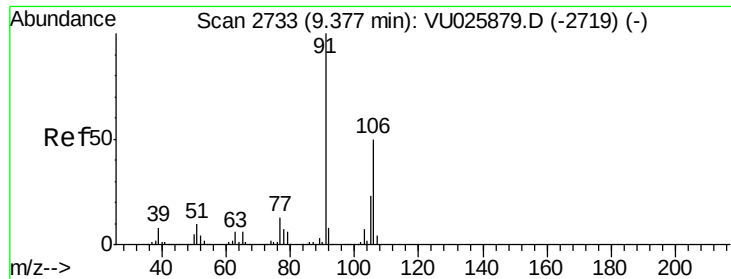
Tot Ion:117 Resp: 335765
Ion Ratio Lower Upper
117 100
82 55.3 46.0 69.0
119 32.6 26.0 39.0



#67
Ethyl Benzene
Concen: 83.49 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025921.D
Acq: 07 Aug 2018 05:48

Tgt Ion: 91 Resp: 1197203
Ion Ratio Lower Upper
91 100
106 32.1 25.3 37.9

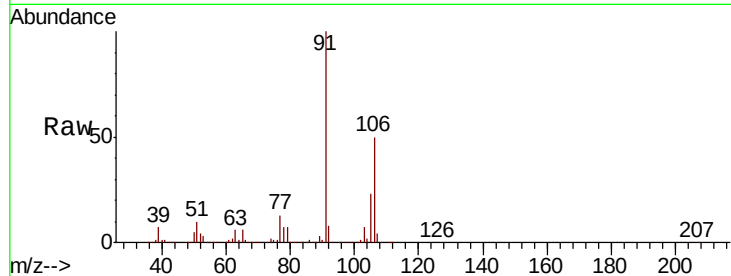




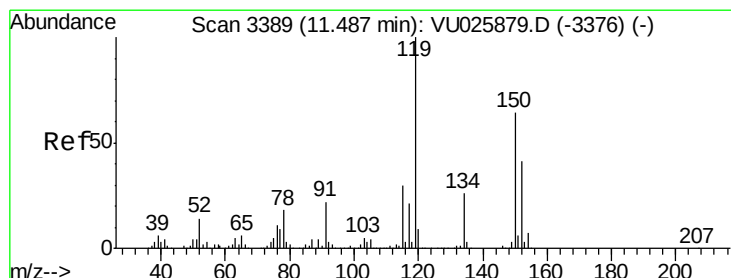
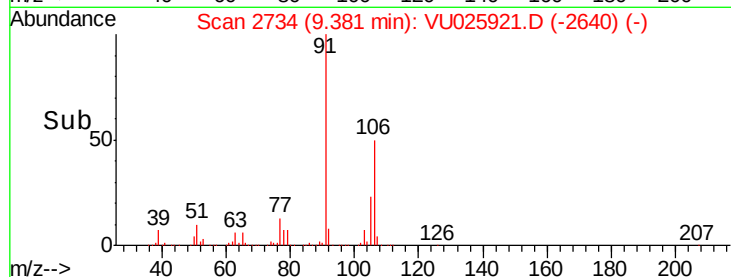
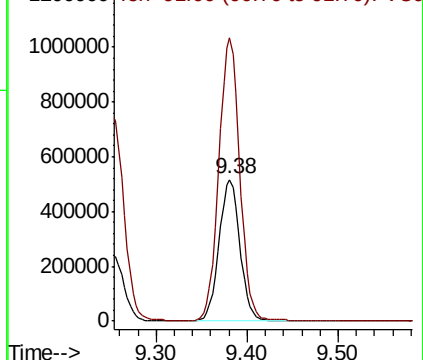
#68
m/p-Xylenes
Concen: 149.98 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025921.D
Acq: 07 Aug 2018 05:48

Instrument :
MSVOA_U
ClientSampleId :
FL-0529

Tot Ion:106 Resp: 825696
Ion Ratio Lower Upper
106 100
91 200.4 162.3 243.5

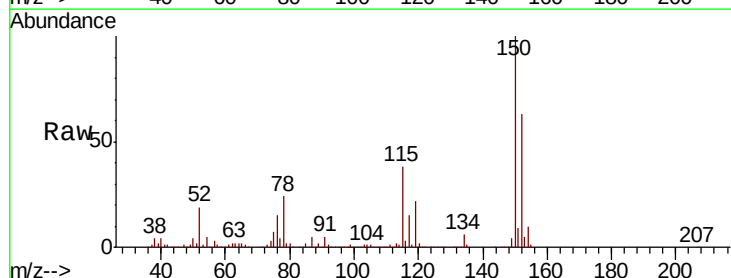


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

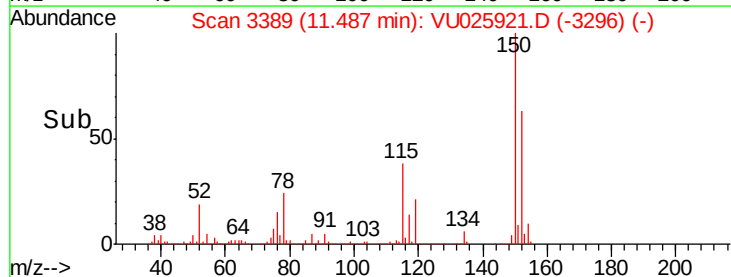
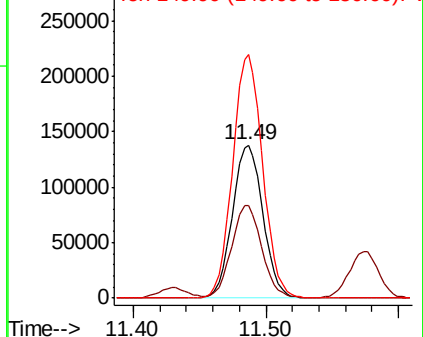


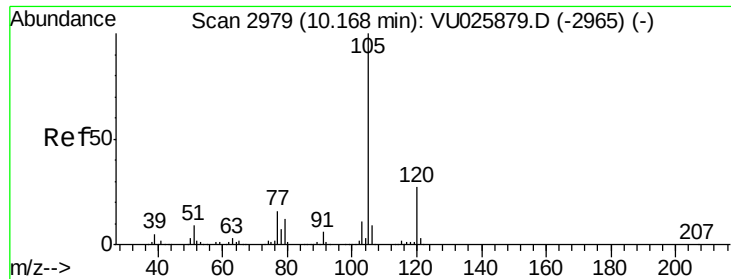
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025921.D
Acq: 07 Aug 2018 05:48

Tgt Ion:152 Resp: 219878
Ion Ratio Lower Upper
152 100
115 59.7 40.1 120.3
150 156.7 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: 31.55 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025921.D

Acq: 07 Aug 2018 05:48

Instrument :

MSVOA_U

ClientSampleId :

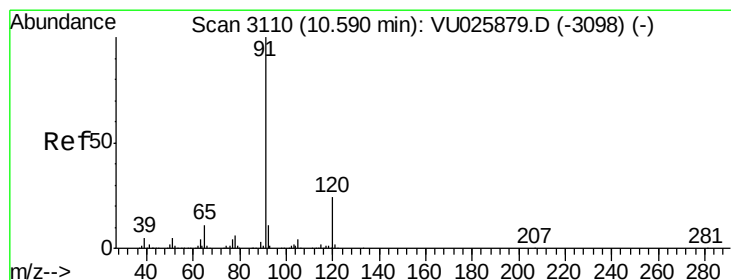
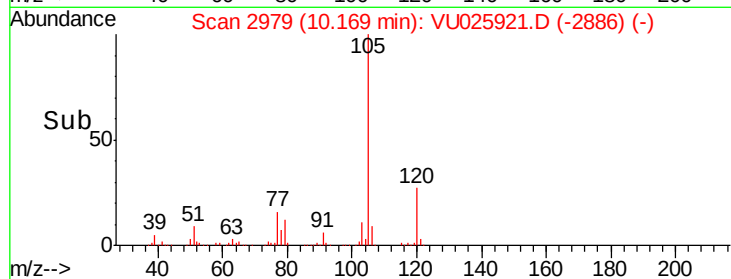
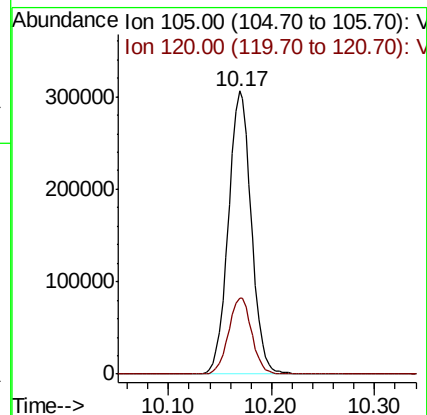
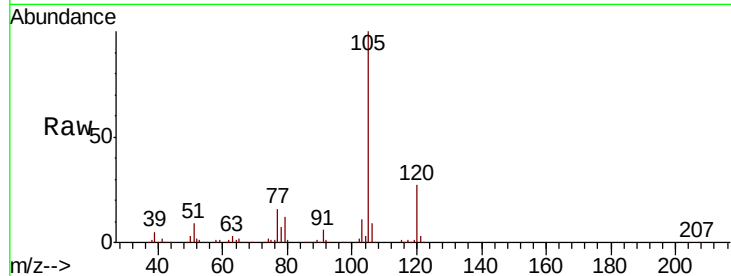
FL-0529

Tot Ion:105 Resp: 473518

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5



#78

n-propylbenzene

Concen: 26.24 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025921.D

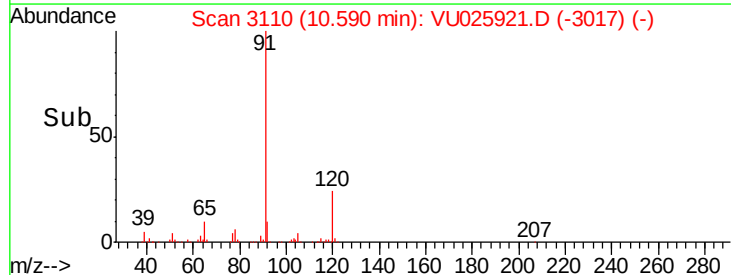
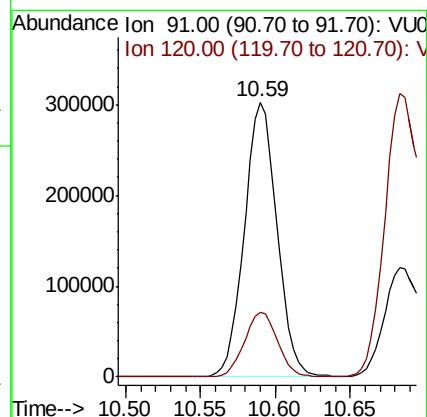
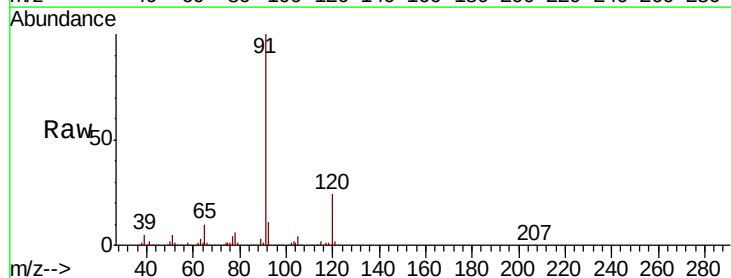
Acq: 07 Aug 2018 05:48

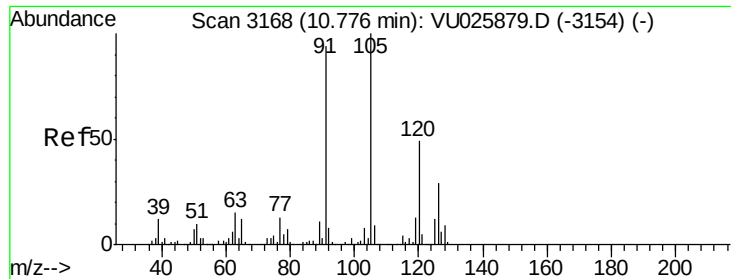
Tgt Ion: 91 Resp: 459601

Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.3

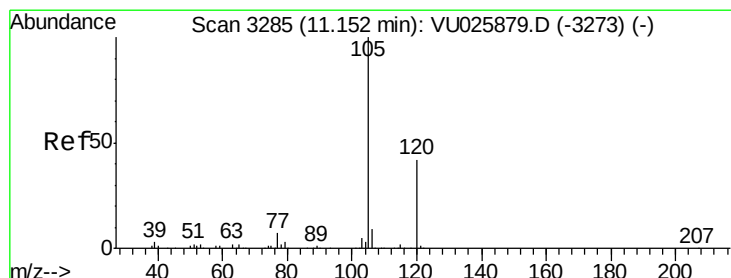
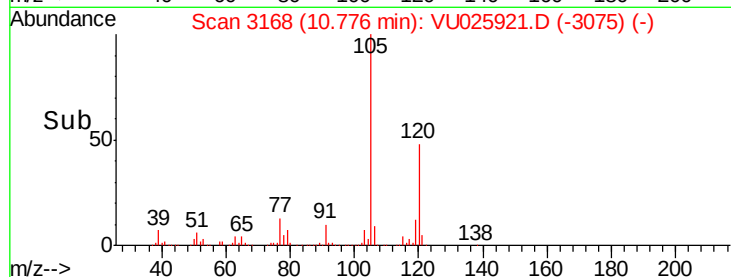
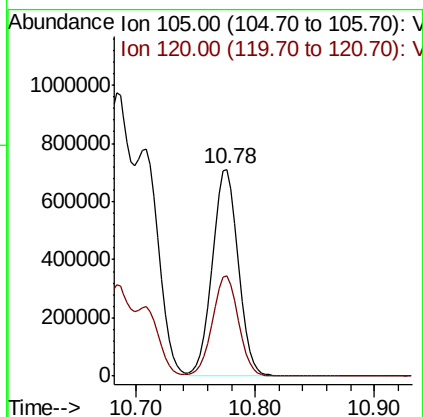
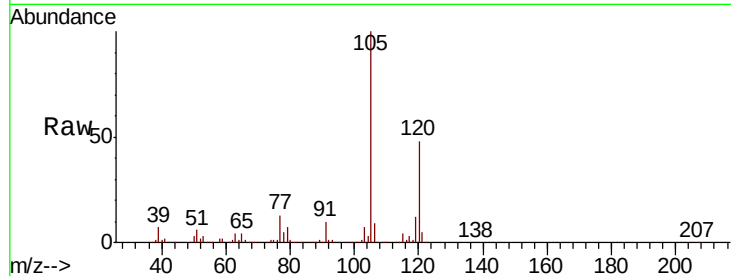




#80
 1,3,5-Trimethylbenzene
 Concen: 84.06 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU025921.D
 Acq: 07 Aug 2018 05:48

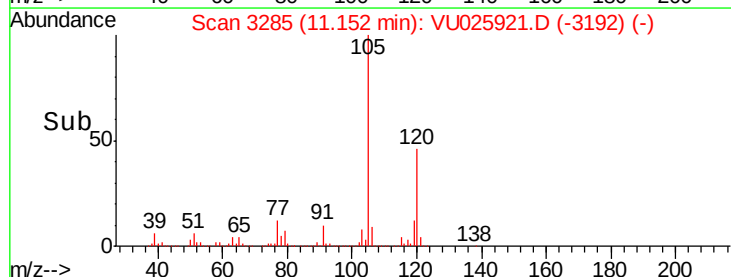
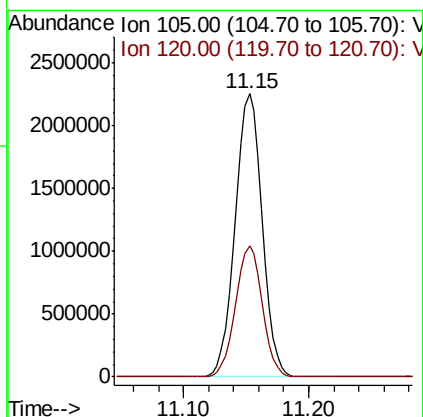
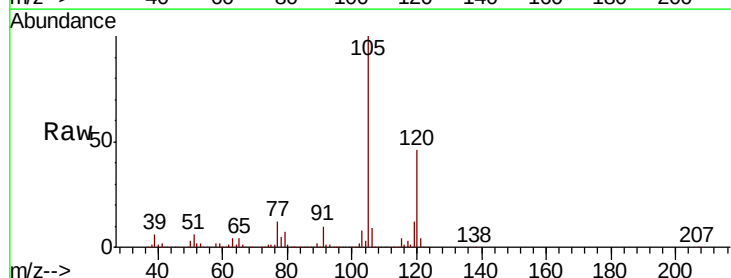
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0529

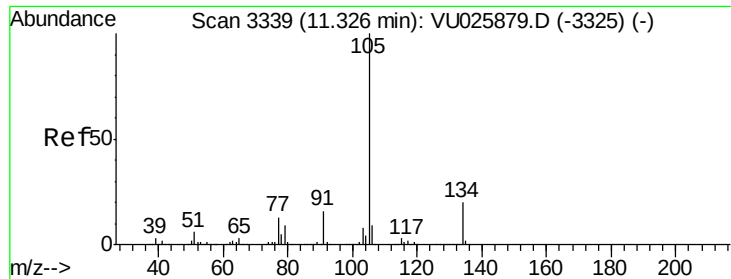
Tot Ion:105 Resp: 1071308
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.2



#84
 1,2,4-Trimethylbenzene
 Concen: 260.45 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025921.D
 Acq: 07 Aug 2018 05:48

Tgt Ion:105 Resp: 3363772
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 10.82 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025921.D

Acq: 07 Aug 2018 05:48

Instrument :

MSVOA_U

ClientSampleId :

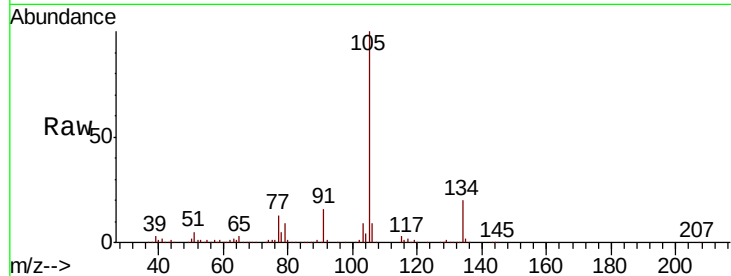
FL-0529

Tot Ion:105 Resp: 167339

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.33

120000

100000

80000

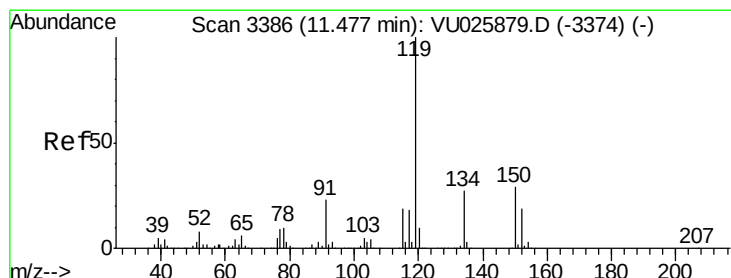
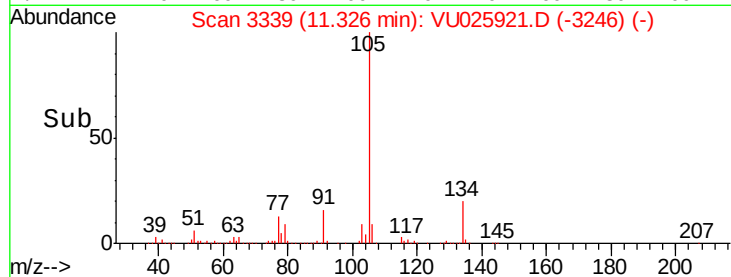
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 7.38 ug/l

RT: 11.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VU025921.D

Acq: 07 Aug 2018 05:48

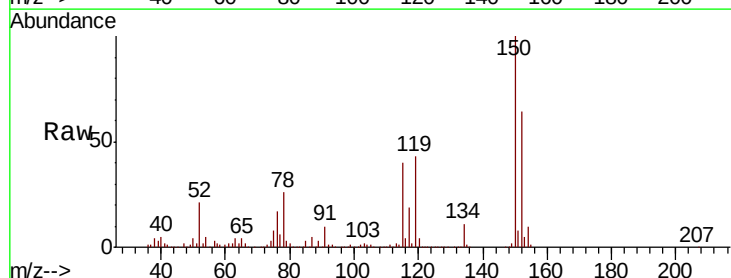
Tgt Ion:119 Resp: 102185

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.5

91 24.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

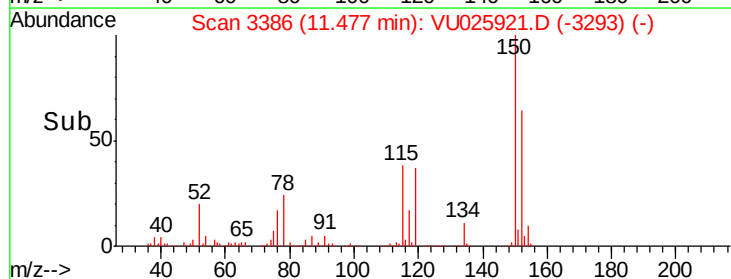
150000

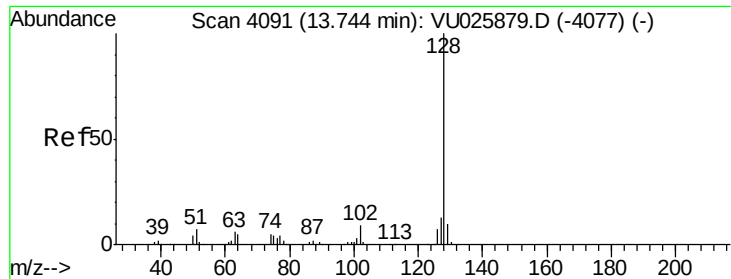
100000

50000

0

Time-->





#95
 Naphthalene
 Concen: 49.19 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025921.D
 Acq: 07 Aug 2018 05:48

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0529

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.3	12.5

