

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025915.D
 Acq On : 07 Aug 2018 03:27
 Operator : MD/SY
 Sample : J4344-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0564

Quant Time: Aug 07 05:15:42 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	198190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	318105	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	318456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	202259	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	153273	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
35) Dibromofluoromethane	4.89	113	132400	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
50) Toluene-d8	7.57	98	464956	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	10.31	95	186479	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	

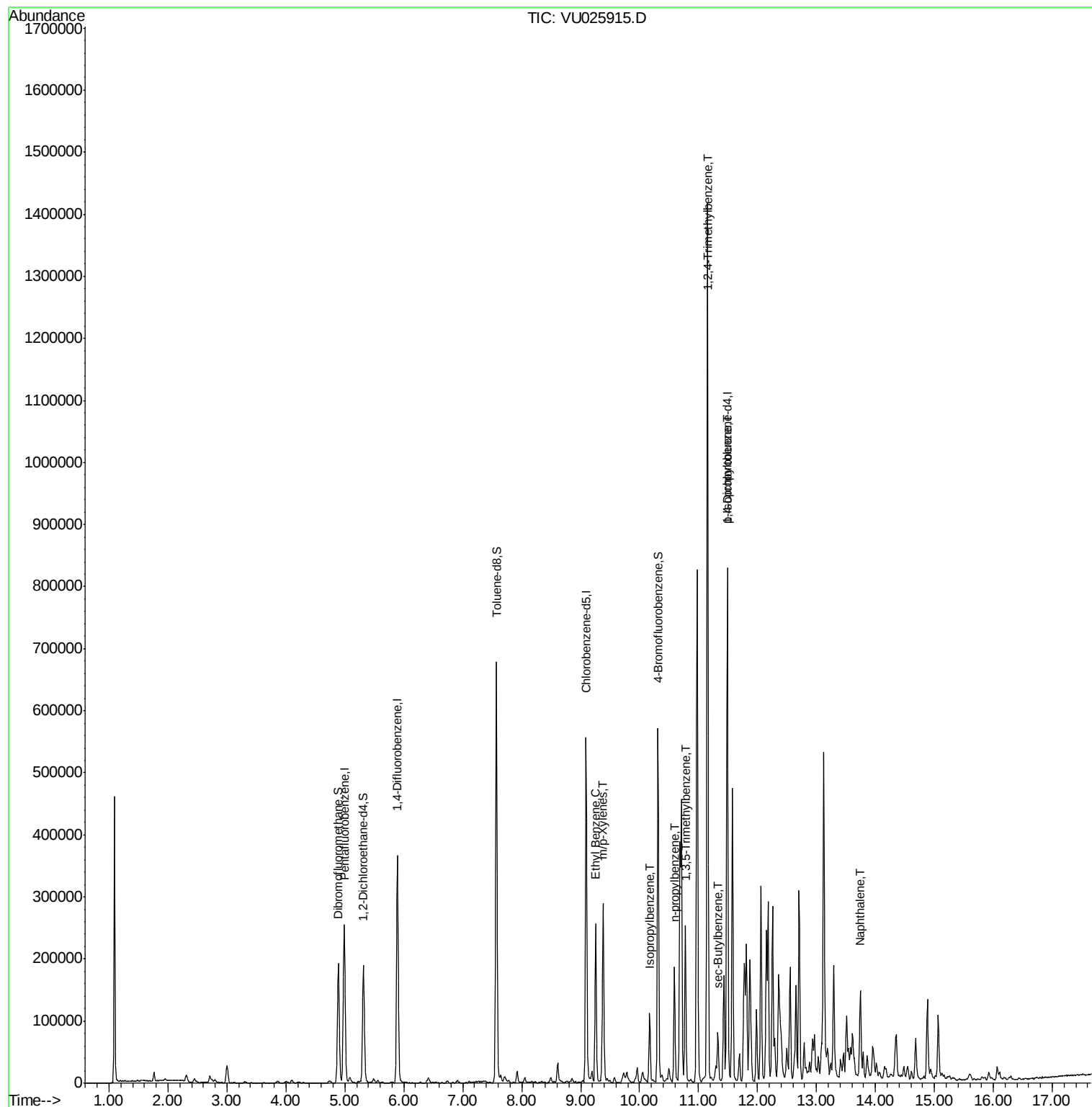
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	9.25	91	177796	13.07	ug/l	99
68) m/p-Xylenes	9.38	106	79860	15.29	ug/l	97
73) Isopropylbenzene	10.17	105	71131	5.15	ug/l	99
78) n-propylbenzene	10.59	91	142041	8.82	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	132919	11.34	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	772291	65.00	ug/l	98
85) sec-Butylbenzene	11.33	105	47660	3.35	ug/l	100
86) p-Isopropyltoluene	11.48	119	49415	3.88	ug/l	96
95) Naphthalene	13.75	128	105050	8.07	ug/l	97

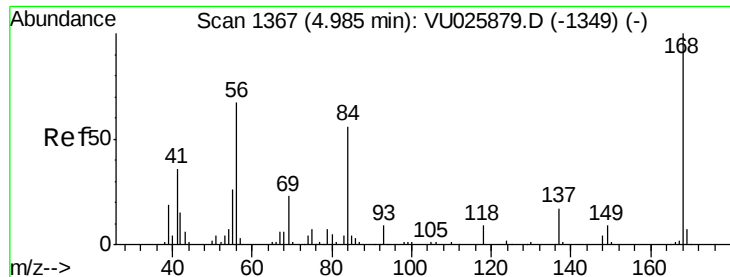
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025915.D

Acq: 07 Aug 2018 03:27

Instrument :

MSVOA_U

ClientSampleId :

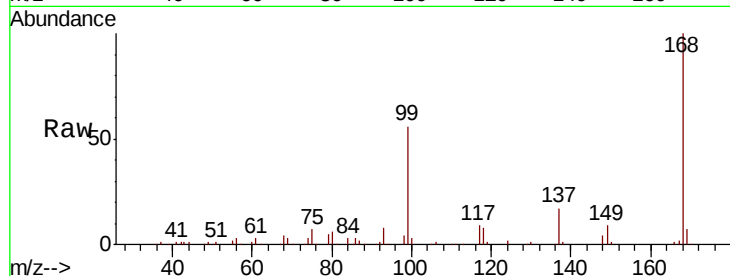
FL-0564

Tot Ion:168 Resp: 198190

Ion Ratio Lower Upper

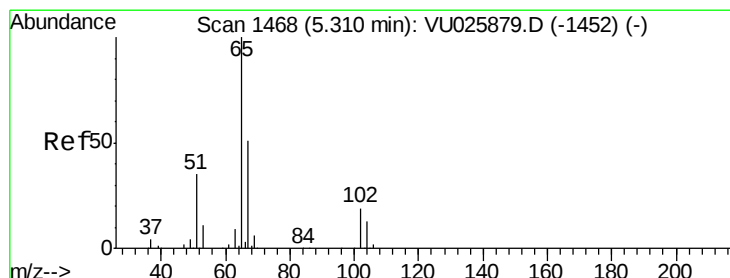
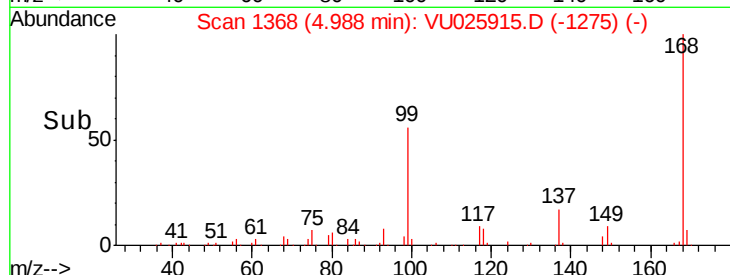
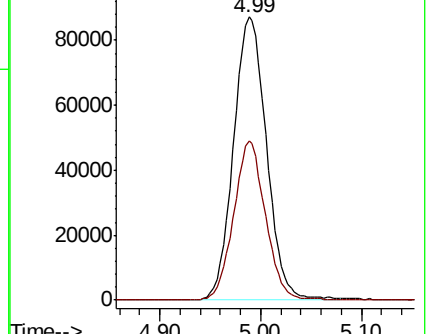
168 100

99 56.4 42.8 64.2



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

Ion 98.90 (98.60 to 99.60): VU025915.D (-1275) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.63 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025915.D

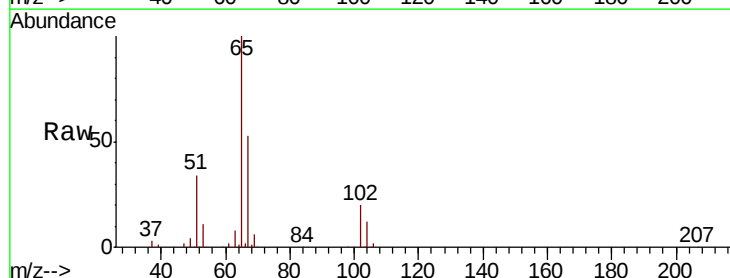
Acq: 07 Aug 2018 03:27

Tgt Ion: 65 Resp: 153273

Ion Ratio Lower Upper

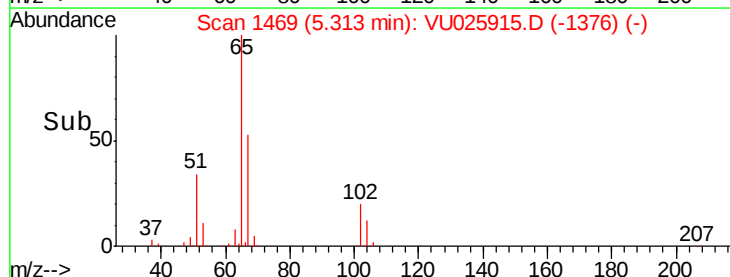
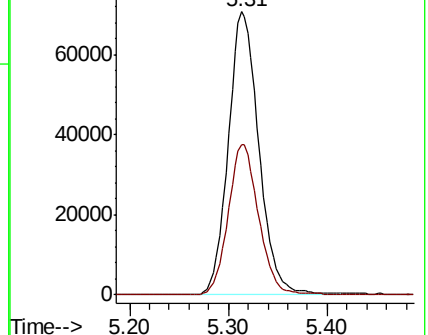
65 100

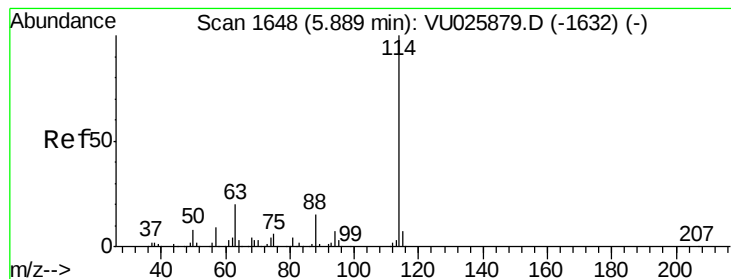
67 52.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025879.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025915.D (-1376) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025915.D

Acq: 07 Aug 2018 03:27

Instrument :

MSVOA_U

ClientSampleId :

FL-0564

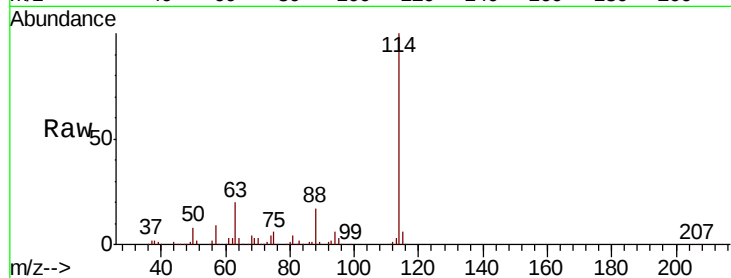
Tot Ion:114 Resp: 318105

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.6

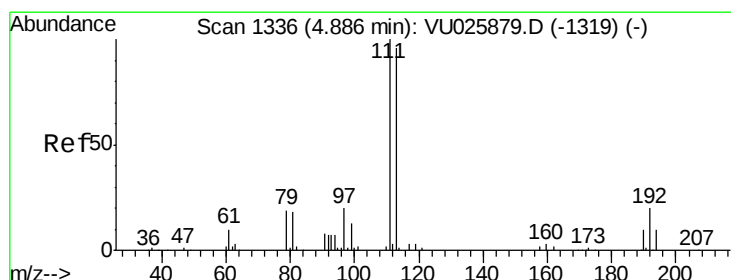
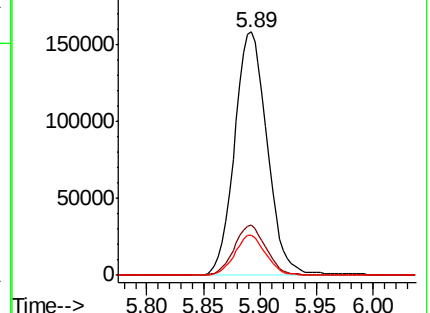
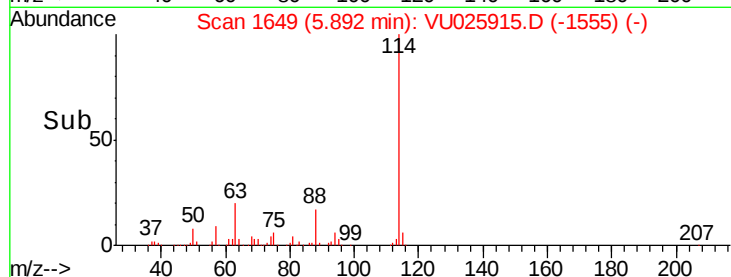
88 16.7 0.0 32.4



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: 47.85 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VU025915.D

Acq: 07 Aug 2018 03:27

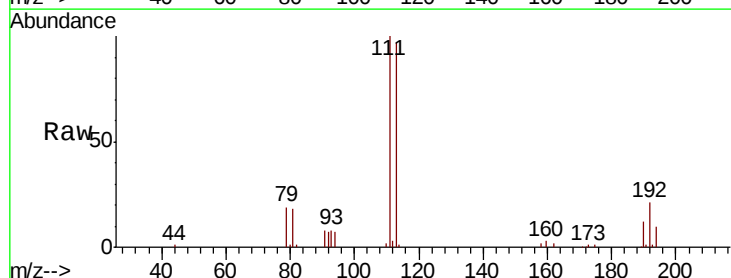
Tgt Ion:113 Resp: 132400

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

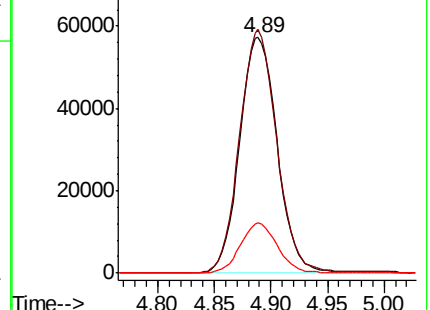
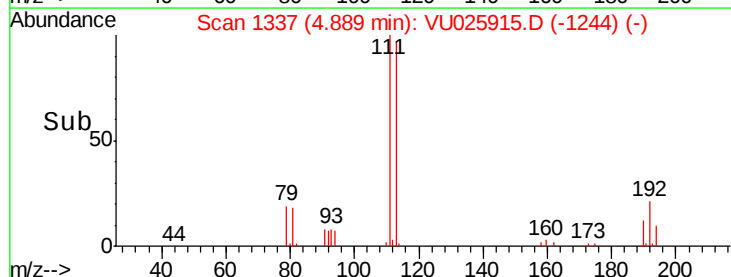
192 21.0 17.1 25.7

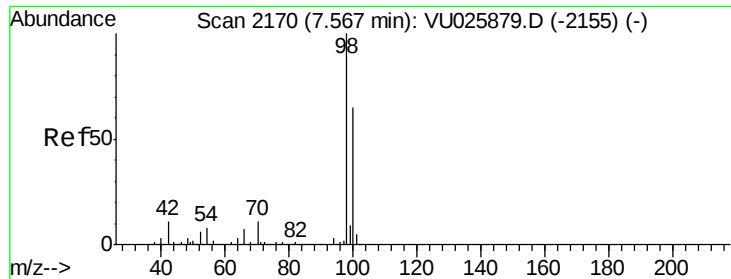


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

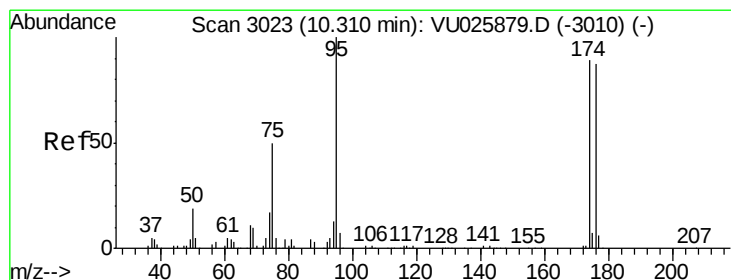
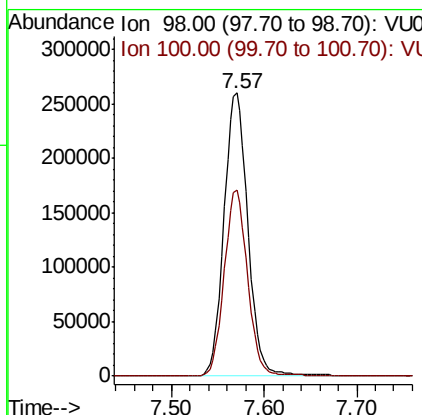
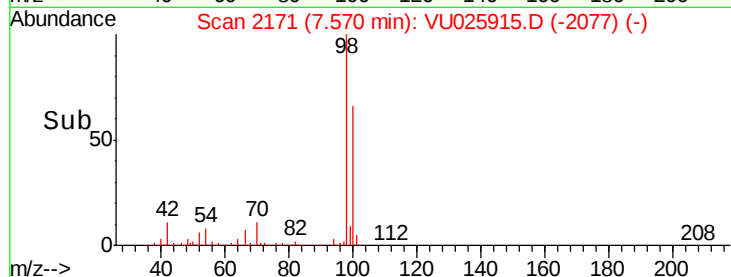
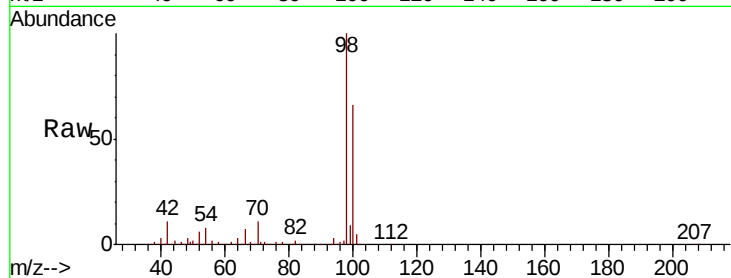




#50
Toluene-d8
Concen: 48.02 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025915.D
Acq: 07 Aug 2018 03:27

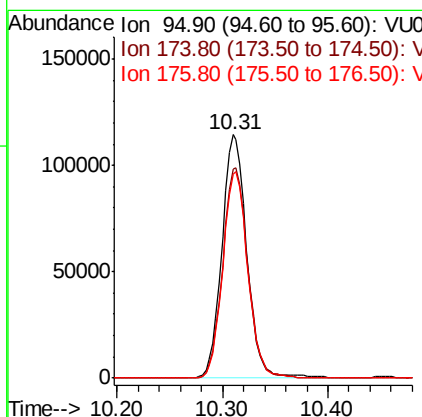
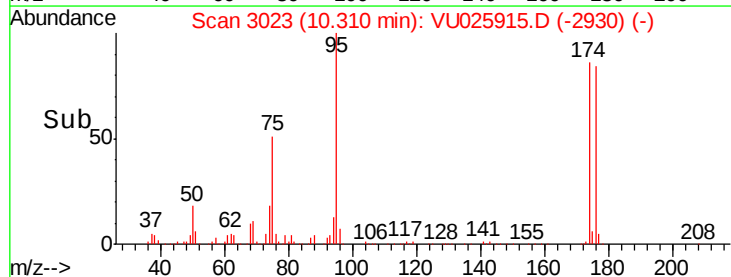
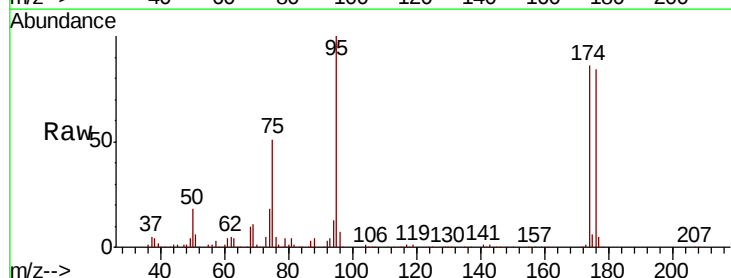
Instrument :
MSVOA_U
ClientSampleId :
FL-0564

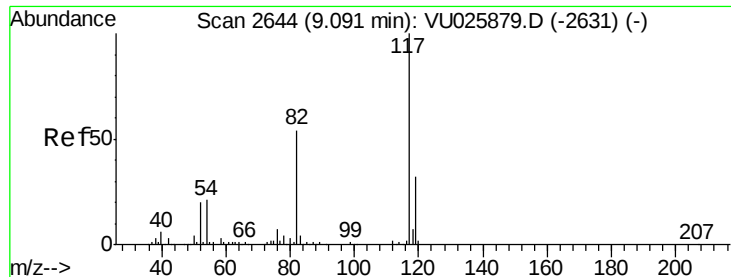
Tot Ion: 98 Resp: 464956
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 49.62 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025915.D
Acq: 07 Aug 2018 03:27

Tgt Ion: 95 Resp: 186479
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.2
176 85.1 0.0 162.6

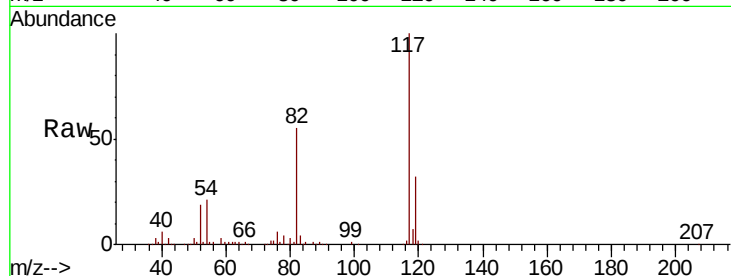




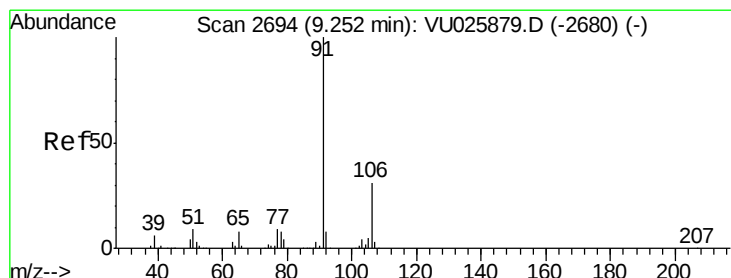
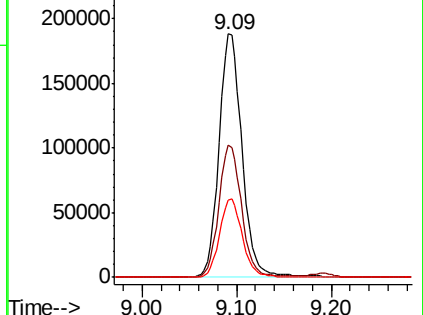
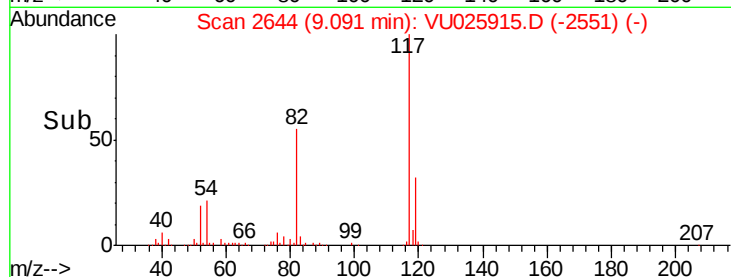
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025915.D
Acq: 07 Aug 2018 03:27

Instrument :
MSVOA_U
ClientSampleId :
FL-0564

Tot Ion:117 Resp: 318456
Ion Ratio Lower Upper
117 100
82 54.4 46.0 69.0
119 32.0 26.0 39.0

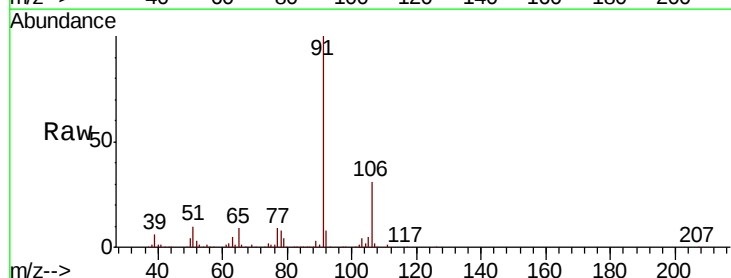


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

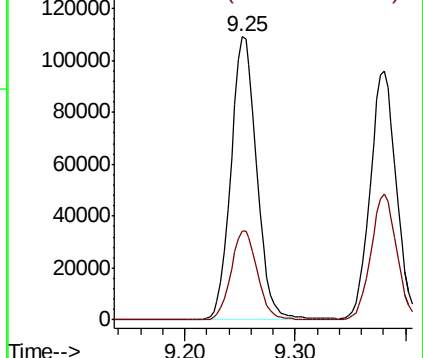
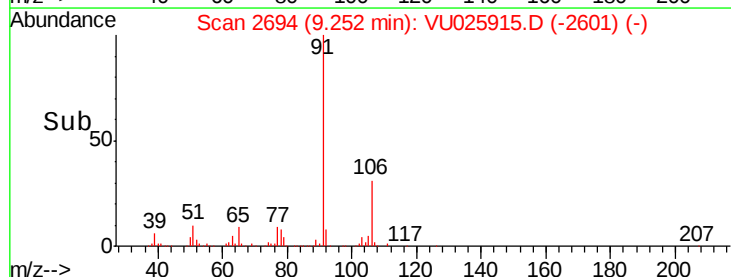


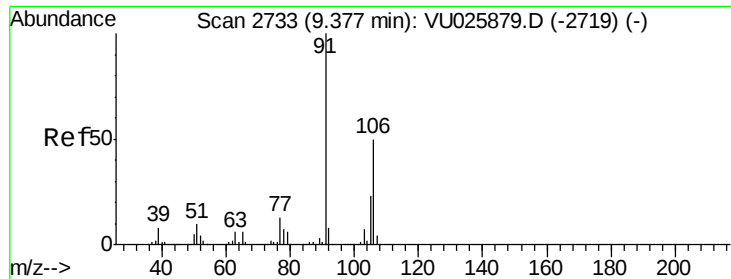
#67
Ethyl Benzene
Concen: 13.07 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025915.D
Acq: 07 Aug 2018 03:27

Tgt Ion: 91 Resp: 177796
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



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

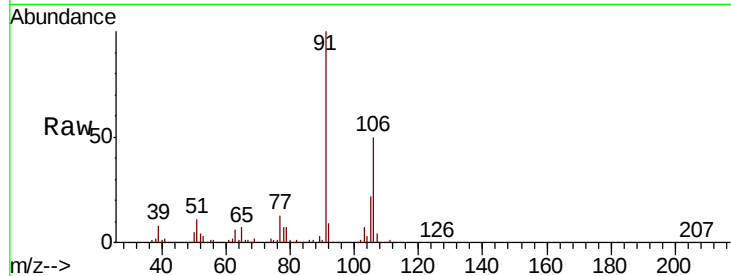




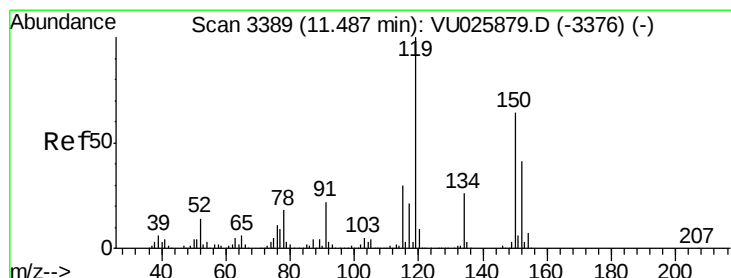
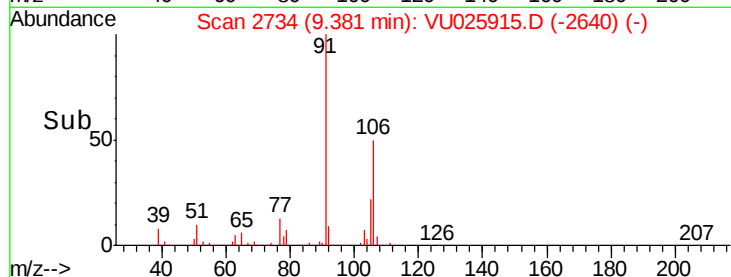
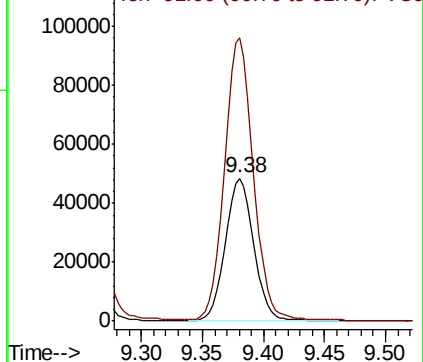
#68
m/p-Xvlenes
Concen: 15.29 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU025915.D
Acq: 07 Aug 2018 03:27

Instrument :
MSVOA_U
ClientSampleId :
FL-0564

Tot Ion:106 Resp: 79860
Ion Ratio Lower Upper
106 100
91 197.6 162.3 243.5

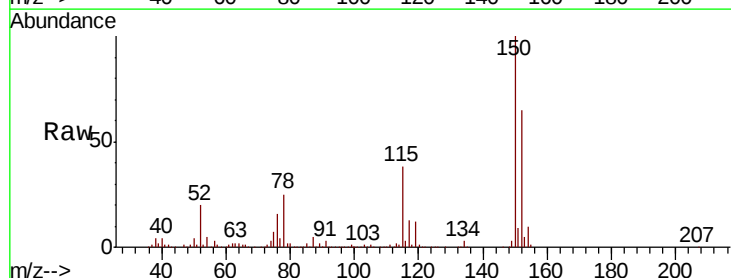


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

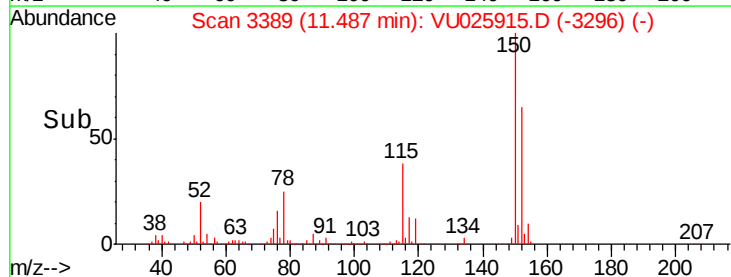
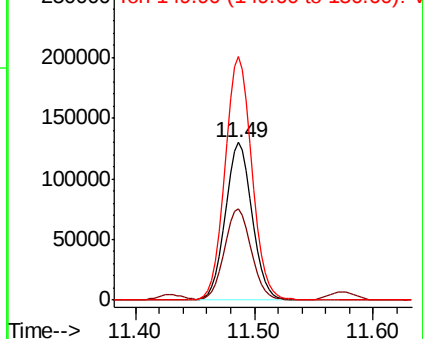


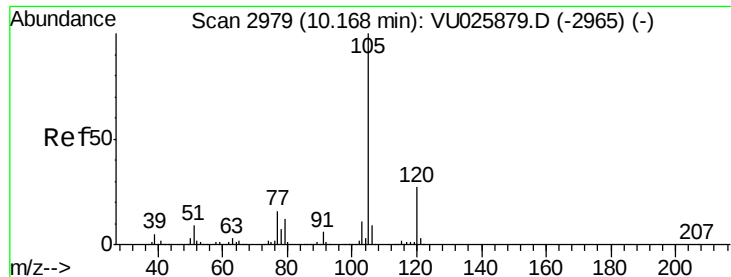
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025915.D
Acq: 07 Aug 2018 03:27

Tgt Ion:152 Resp: 202259
Ion Ratio Lower Upper
152 100
115 58.3 40.1 120.3
150 155.1 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: 5.15 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025915.D

Acq: 07 Aug 2018 03:27

Instrument :

MSVOA_U

ClientSampleId :

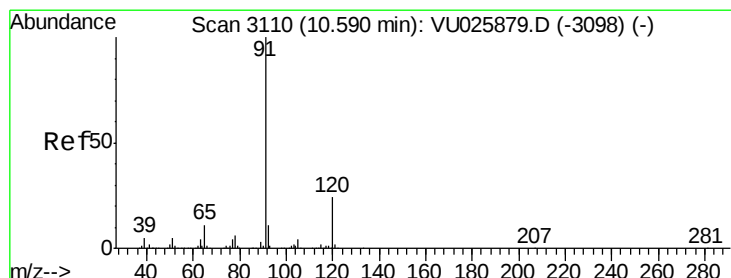
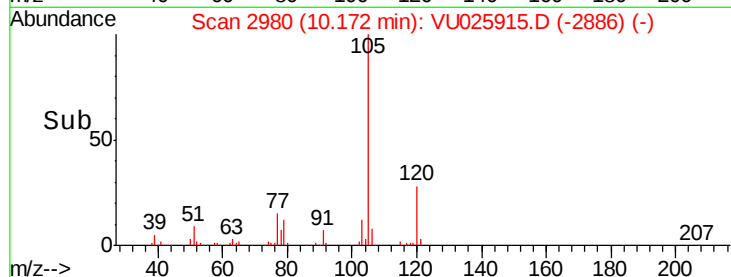
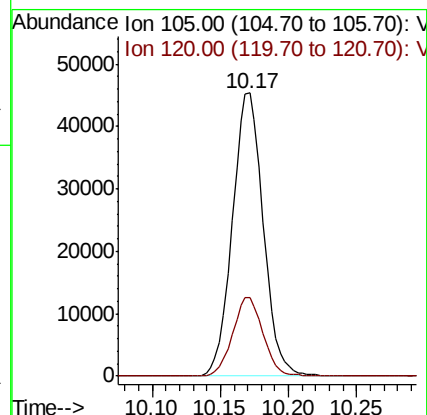
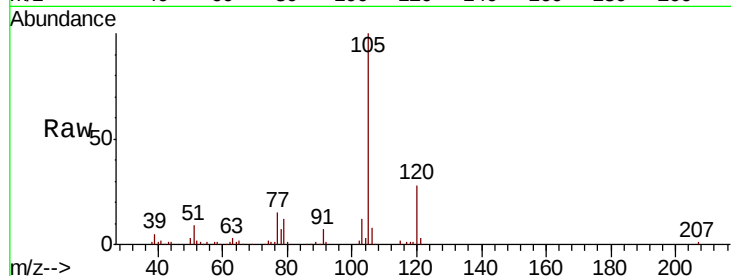
FL-0564

Tot Ion:105 Resp: 71131

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.5



#78

n-propylbenzene

Concen: 8.82 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU025915.D

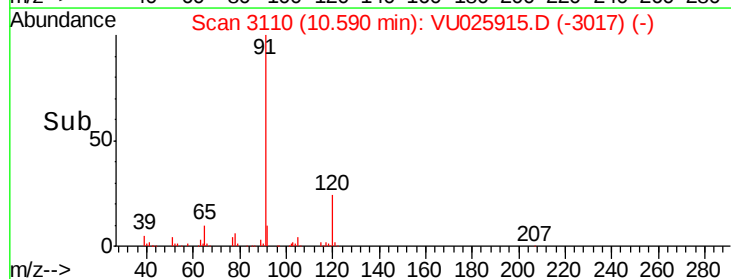
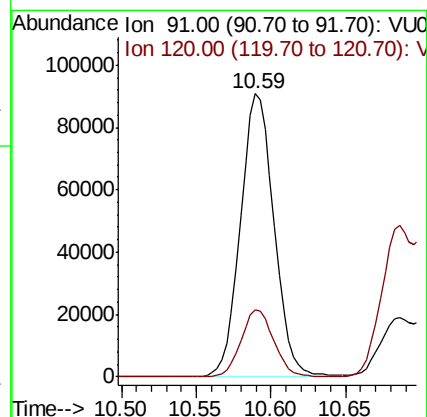
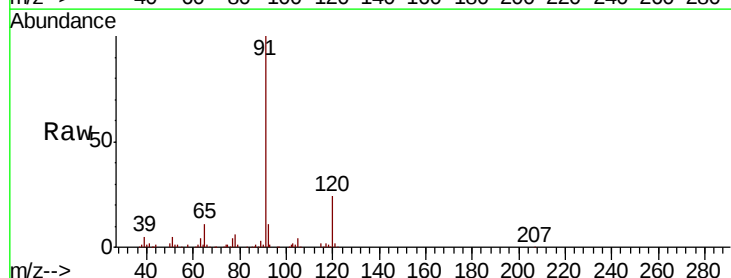
Acq: 07 Aug 2018 03:27

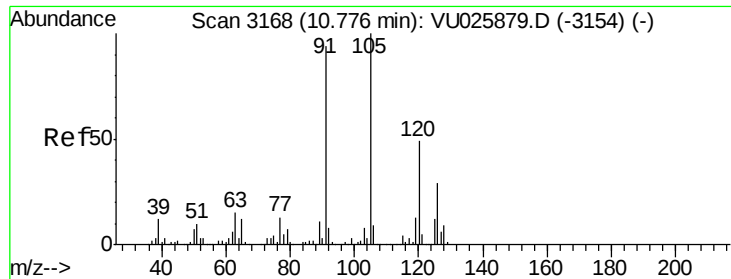
Tgt Ion: 91 Resp: 142041

Ion Ratio Lower Upper

91 100

120 23.2 11.8 35.3





#80

1,3,5-Trimethylbenzene

Concen: 11.34 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025915.D

Acq: 07 Aug 2018 03:27

Instrument :

MSVOA_U

ClientSampleId :

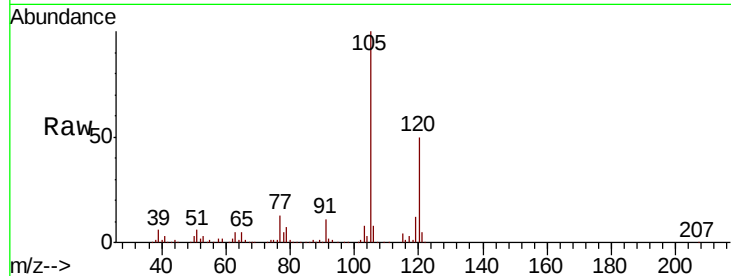
FL-0564

Tot Ion:105 Resp: 132919

Ion Ratio Lower Upper

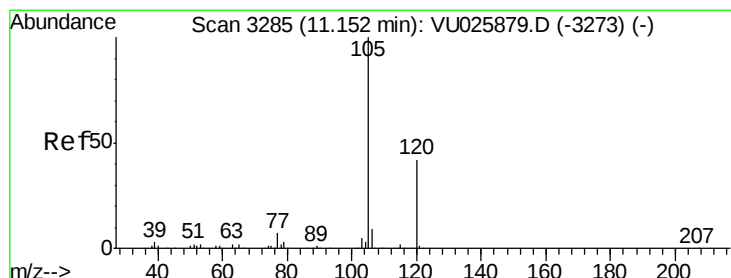
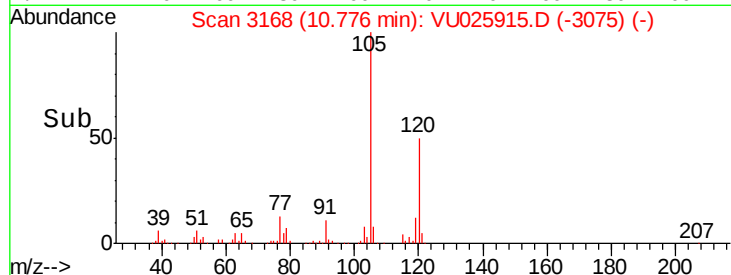
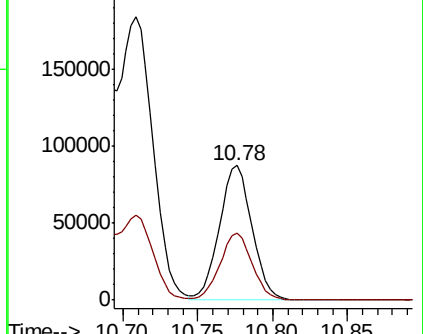
105 100

120 49.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 65.00 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. -0.00 min

Lab File: VU025915.D

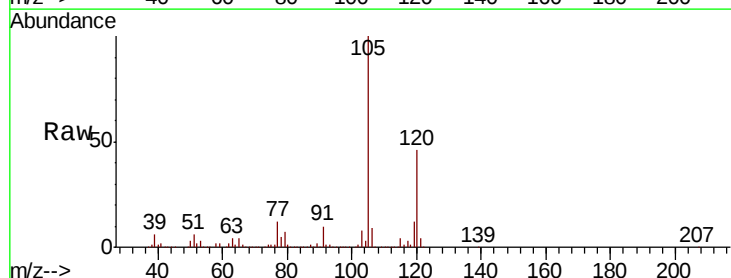
Acq: 07 Aug 2018 03:27

Tgt Ion:105 Resp: 772291

Ion Ratio Lower Upper

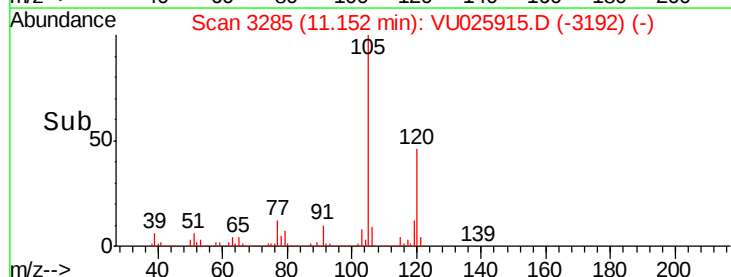
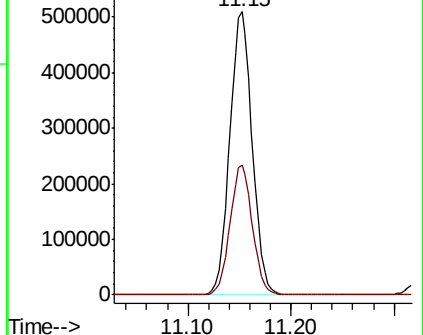
105 100

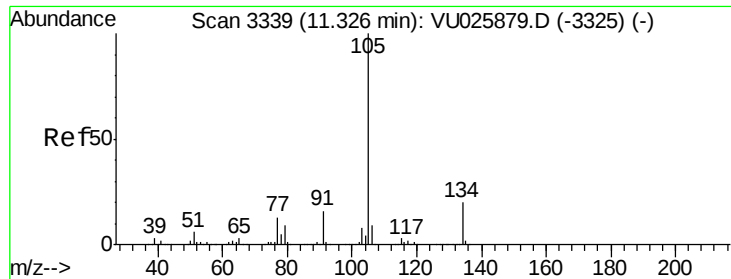
120 45.7 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.35 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025915.D

Acq: 07 Aug 2018 03:27

Instrument :

MSVOA_U

ClientSampleId :

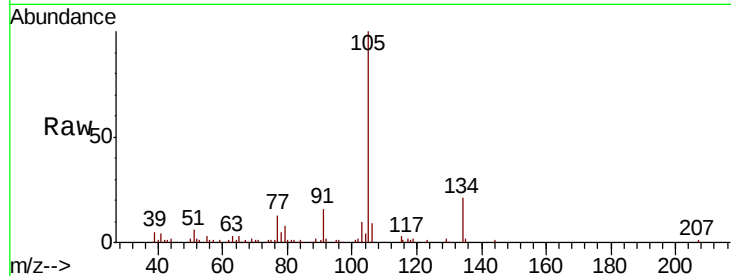
FL-0564

Tot Ion:105 Resp: 47660

Ion Ratio Lower Upper

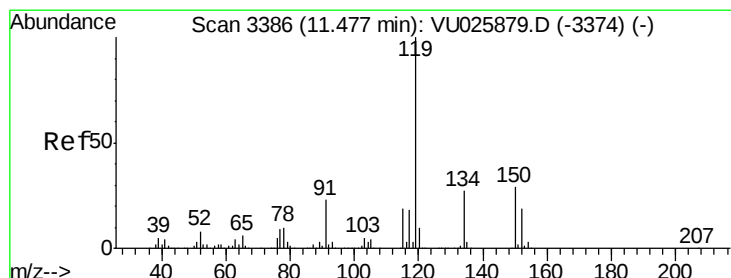
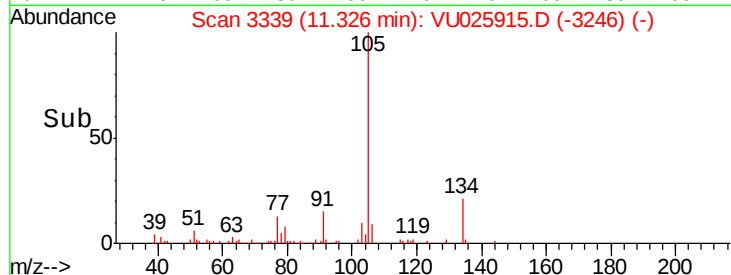
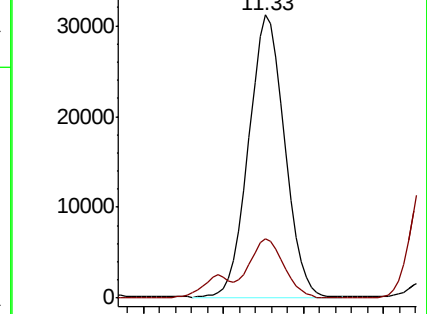
105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.88 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025915.D

Acq: 07 Aug 2018 03:27

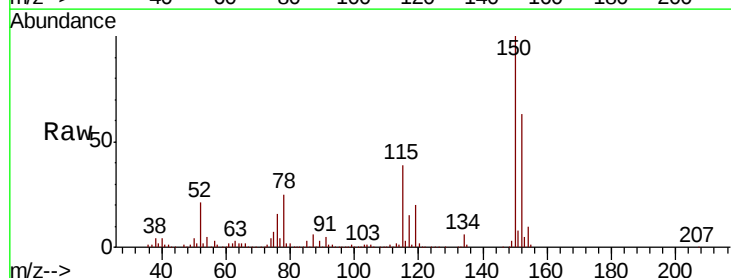
Tgt Ion:119 Resp: 49415

Ion Ratio Lower Upper

119 100

134 28.7 13.2 39.5

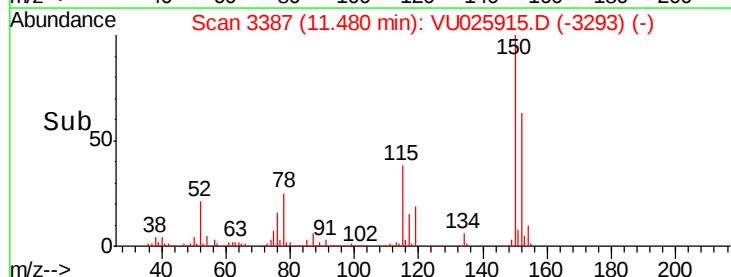
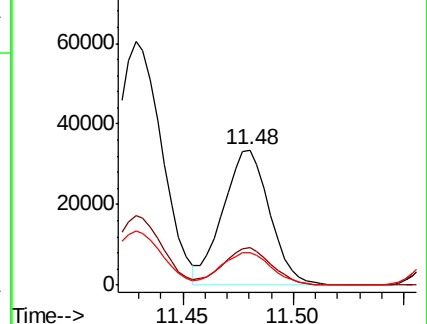
91 26.1 12.0 36.1

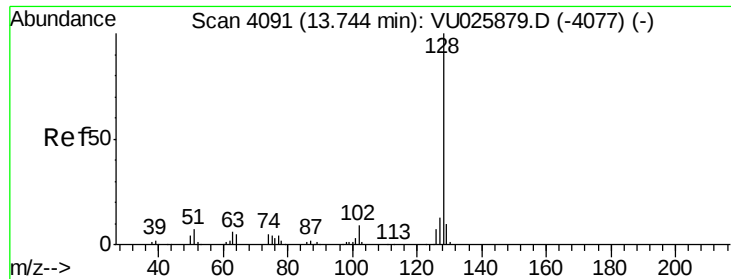


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU





#95
Naphthalene
Concen: 8.07 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025915.D
Acq: 07 Aug 2018 03:27

Instrument :
MSVOA_U
ClientSampleId :
FL-0564

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	12.1	8.3	12.5

