

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025917.D
 Acq On : 07 Aug 2018 04:14
 Operator : MD/SY
 Sample : J4344-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0533

Quant Time: Aug 07 05:21:50 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	202519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	323085	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	316766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	209321	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	153697	48.71	ug/l	0.00
Spiked Amount						
			Recovery	=	97.42%	
35) Dibromofluoromethane	4.89	113	132187	47.04	ug/l	0.00
Spiked Amount						
			Recovery	=	94.08%	
50) Toluene-d8	7.57	98	478926	48.70	ug/l	0.00
Spiked Amount						
			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	10.31	95	190705	49.97	ug/l	0.00
Spiked Amount						
			Recovery	=	99.94%	

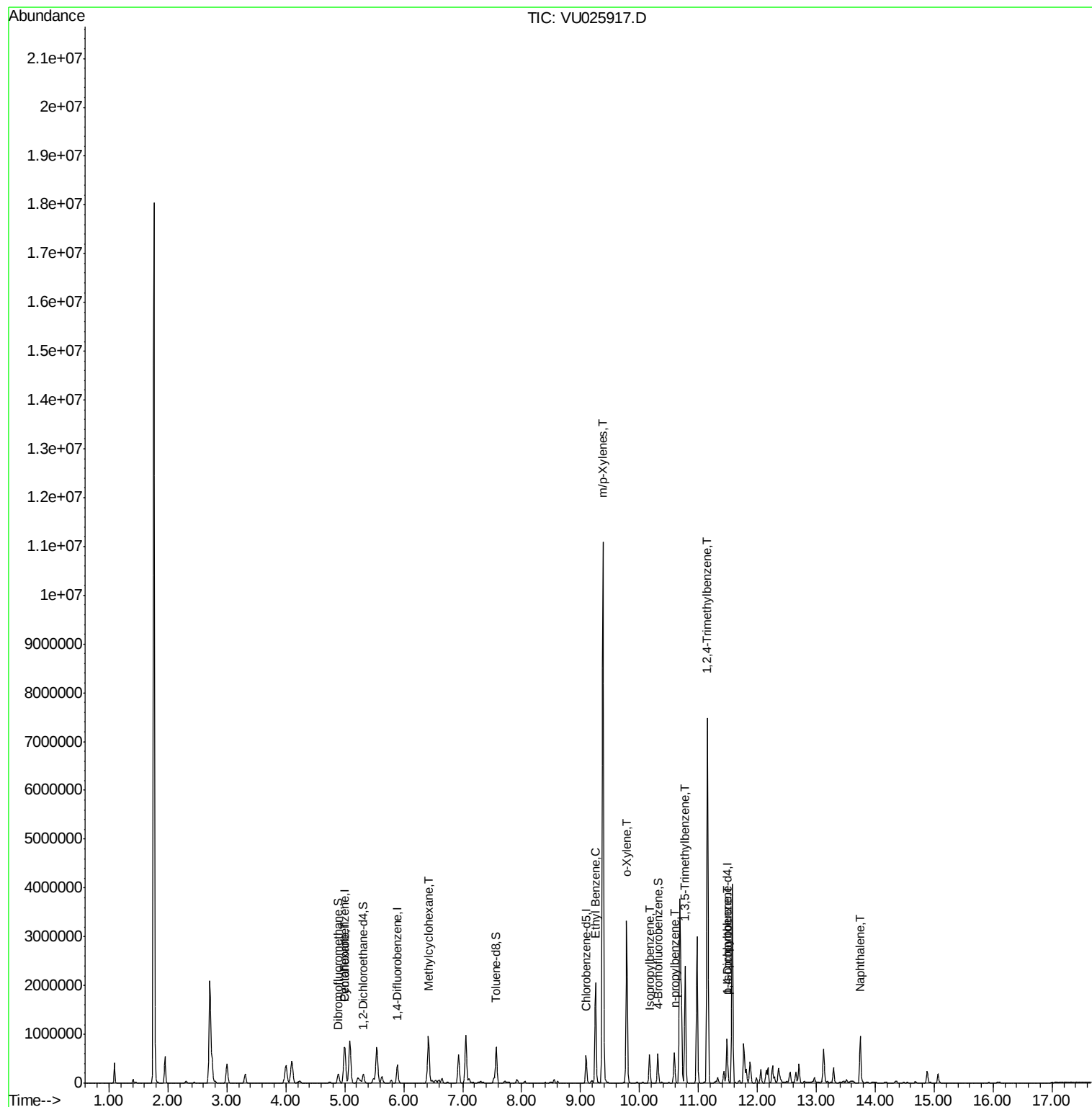
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	280638	70.35	ug/l	99
39) Methylcyclohexane	6.42	83	413398	95.56	ug/l	99
67) Ethyl Benzene	9.25	91	1455399	107.58	ug/l	100
68) m/p-Xylenes	9.38	106	3147644	606.05	ug/l	99
69) o-Xylene	9.78	106	875902	172.56	ug/l	98
73) Isopropylbenzene	10.17	105	379976	26.60	ug/l	99
78) n-propylbenzene	10.59	91	468271	28.08	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	1299708	107.12	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	4055979	329.88	ug/l	98
86) p-Isopropyltoluene	11.48	119	82120	6.23	ug/l	97
95) Naphthalene	13.74	128	765133	49.25	ug/l	99

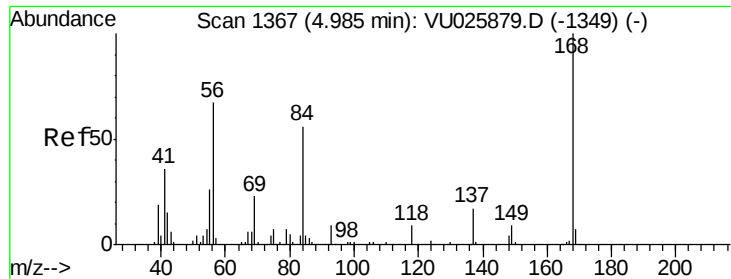
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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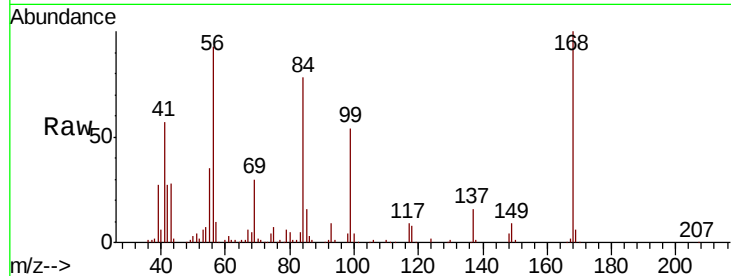




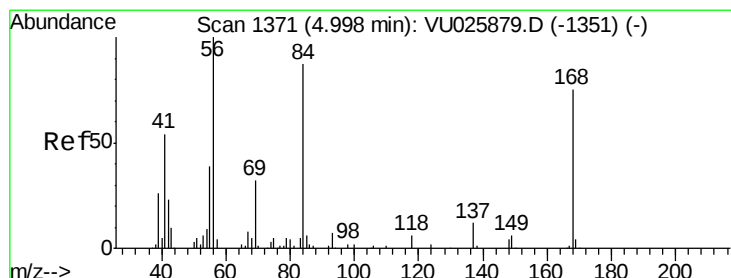
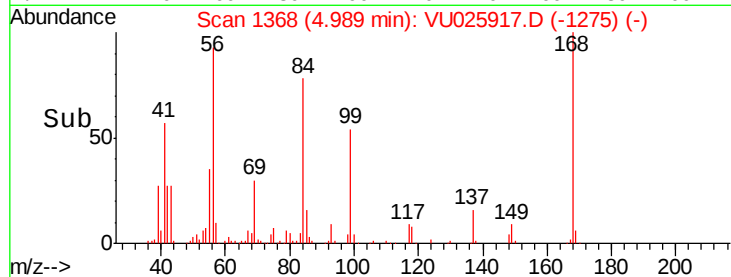
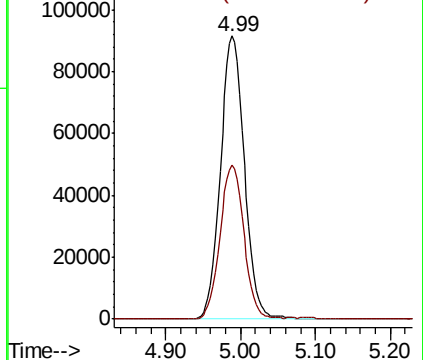
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 4.99 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VU025917.D
Acq: 07 Aug 2018 04:14

Instrument :
MSVOA_U
ClientSampleId :
FL-0533

Tot Ion:168 Resp: 202519
Ion Ratio Lower Upper
168 100
99 54.2 42.8 64.2

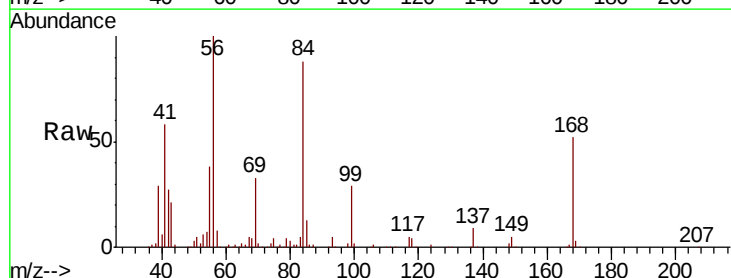


Abundance Ion 167.90 (167.60 to 168.60): VU025917.D (-1275) (-)
Ion 98.90 (98.60 to 99.60): VU025917.D (-1275) (-)

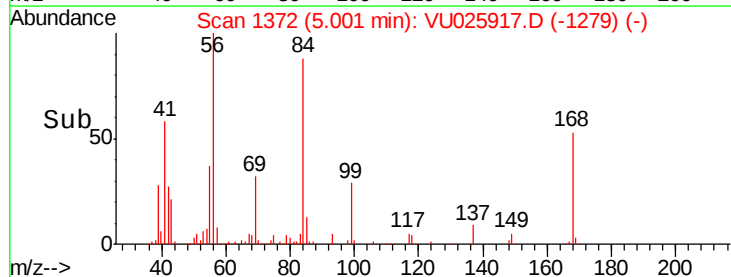
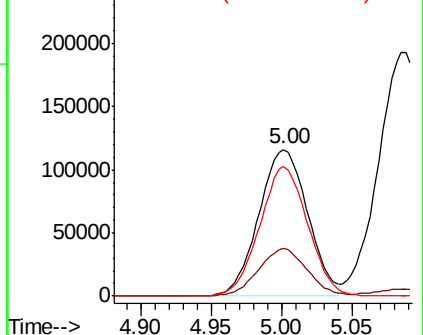


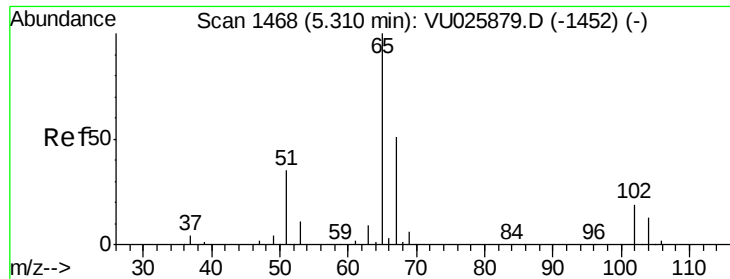
#31
Cyclohexane
Concen: 70.35 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU025917.D
Acq: 07 Aug 2018 04:14

Tgt Ion: 56 Resp: 280638
Ion Ratio Lower Upper
56 100
69 32.5 26.8 40.2
84 88.0 69.7 104.5



Abundance Ion 56.00 (55.70 to 56.70): VU025917.D (-1279) (-)
Ion 69.00 (68.70 to 69.70): VU025917.D (-1279) (-)
Ion 84.00 (83.70 to 84.70): VU025917.D (-1279) (-)

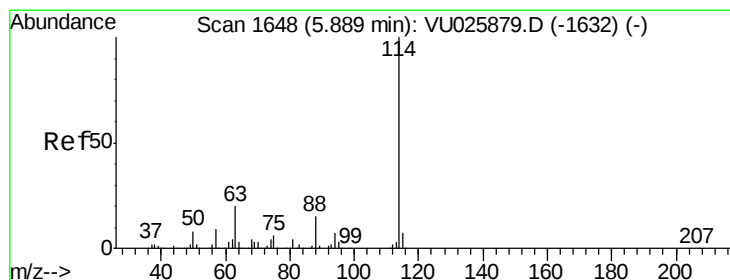
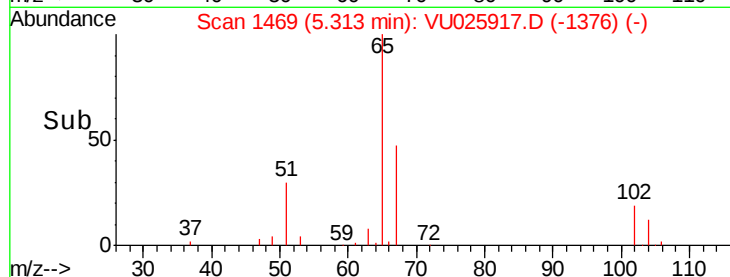
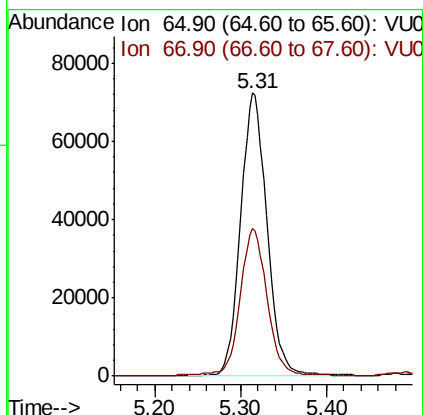
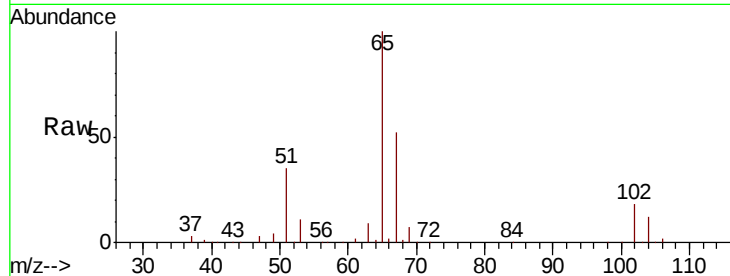




#33
 1,2-Dichloroethane-d4
 Concen: 48.71 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025917.D
 Acq: 07 Aug 2018 04:14

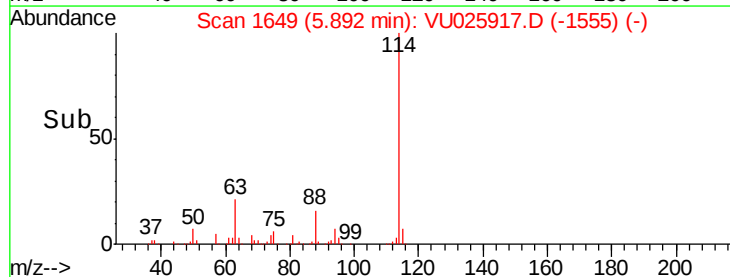
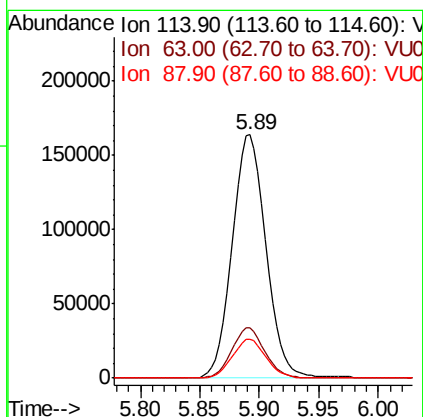
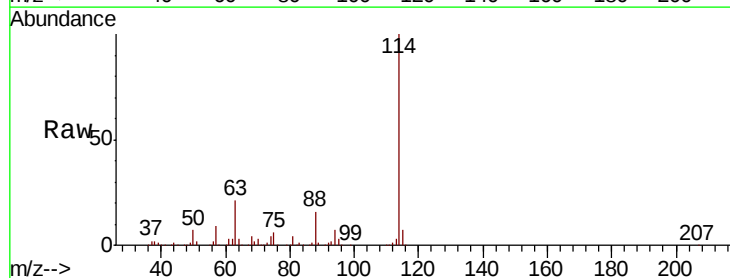
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0533

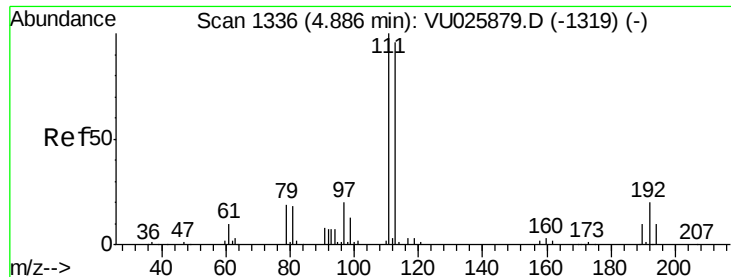
Tot Ion: 65 Resp: 153697
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025917.D
 Acq: 07 Aug 2018 04:14

Tgt Ion: 114 Resp: 323085
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.6
 88 16.1 0.0 32.4

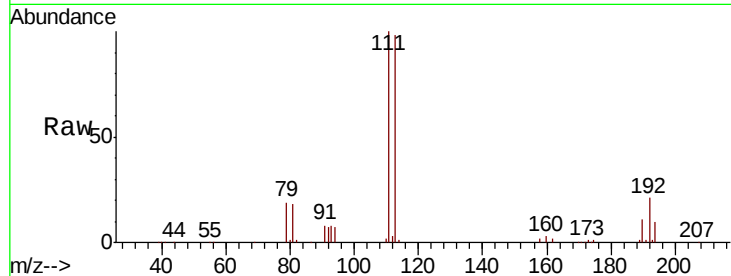




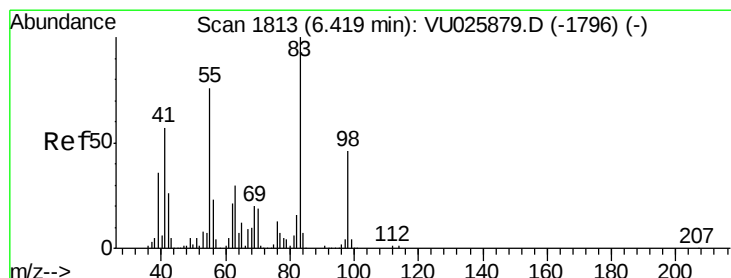
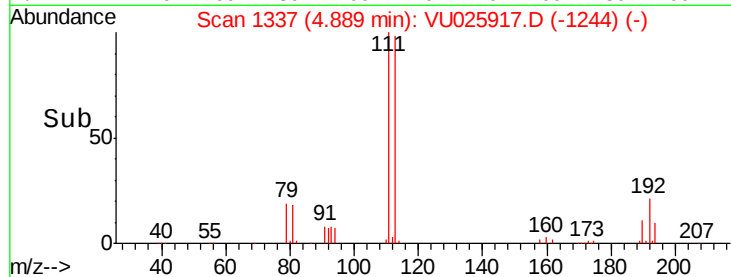
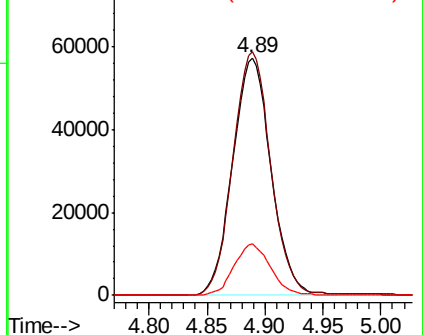
#35
Dibromofluoromethane
Concen: 47.04 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025917.D
Acq: 07 Aug 2018 04:14

Instrument :
MSVOA_U
ClientSampleId :
FL-0533

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.7	122.5
192	20.6	17.1	25.7

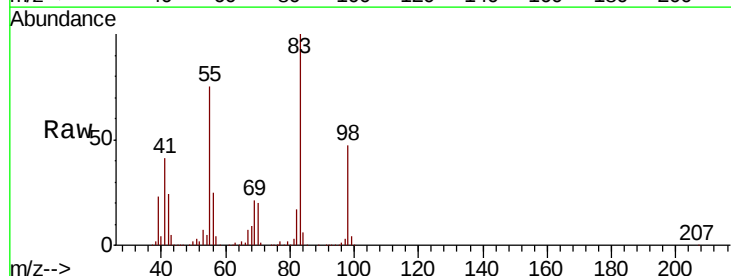


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

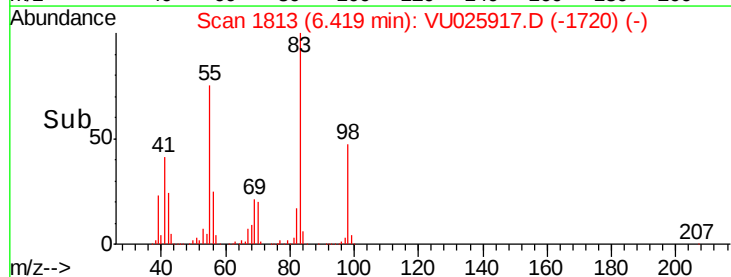
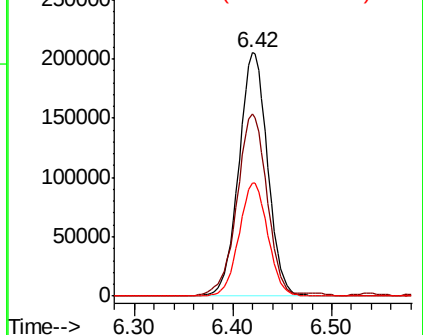


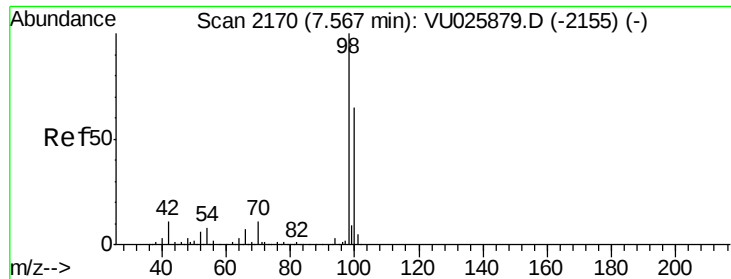
#39
Methylcyclohexane
Concen: 95.56 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU025917.D
Acq: 07 Aug 2018 04:14

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.7	60.0	90.0
98	46.6	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

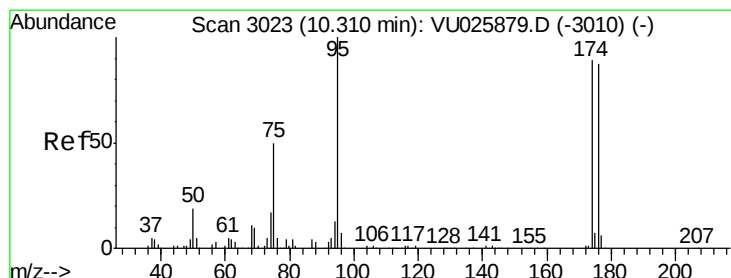
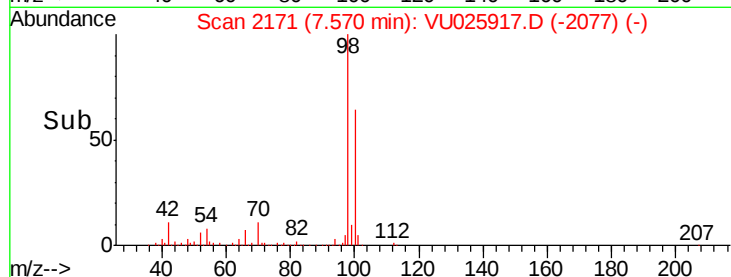
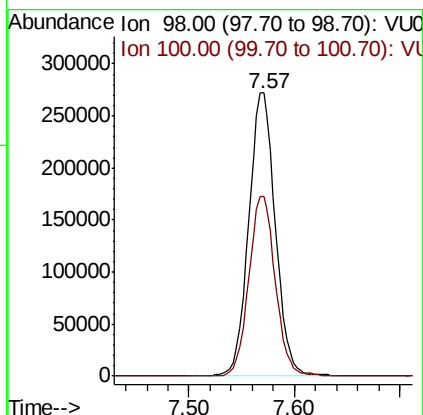
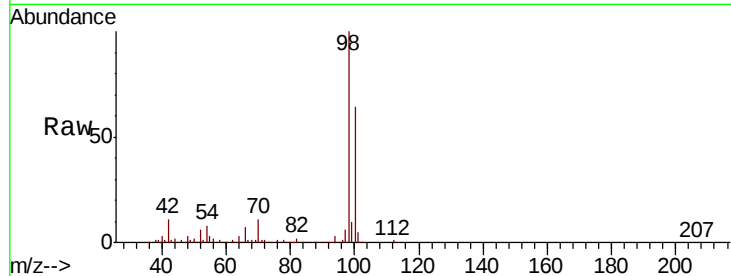




#50
Toluene-d8
Concen: 48.70 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025917.D
Acq: 07 Aug 2018 04:14

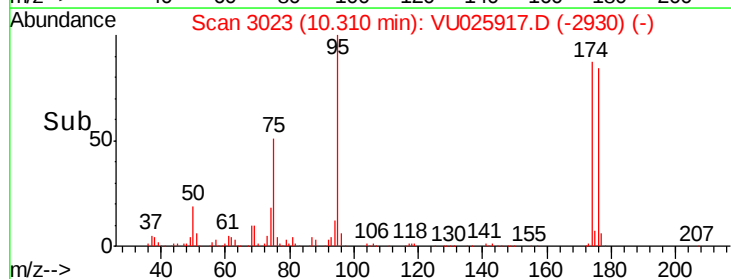
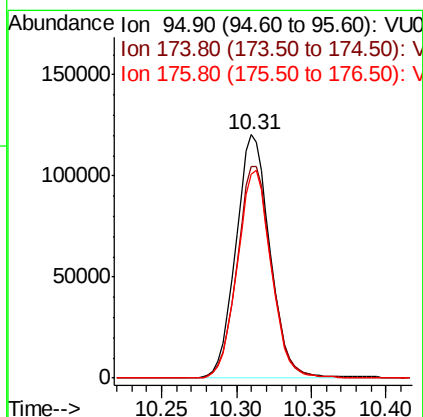
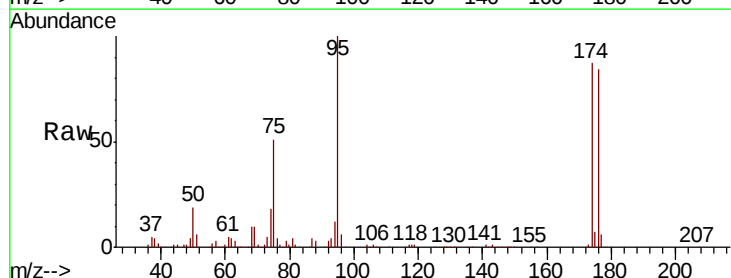
Instrument :
MSVOA_U
ClientSampleId :
FL-0533

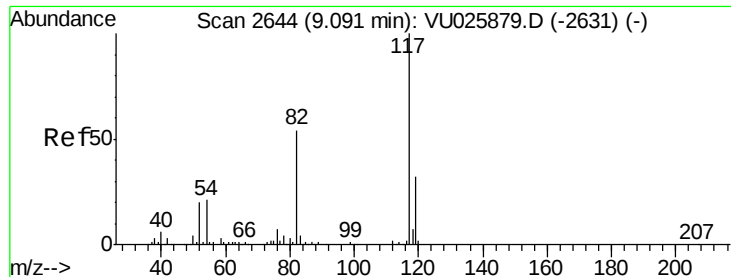
Tot Ion: 98 Resp: 478926
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 49.97 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025917.D
Acq: 07 Aug 2018 04:14

Tgt Ion: 95 Resp: 190705
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.2
176 85.0 0.0 162.6

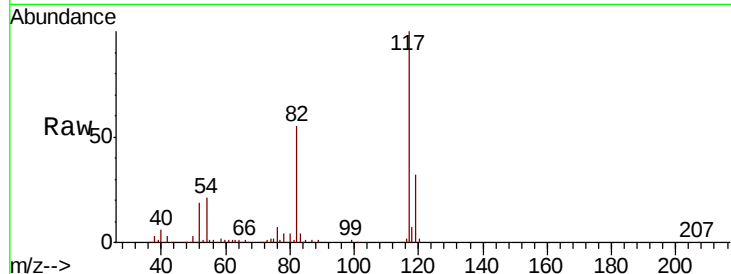




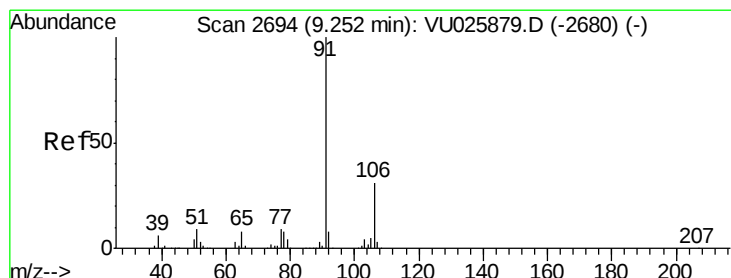
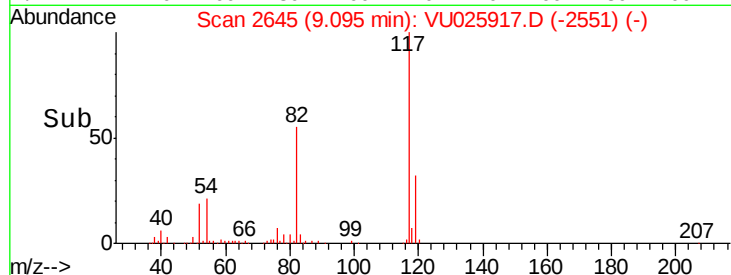
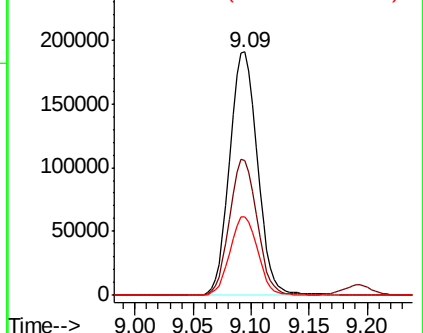
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025917.D
Acq: 07 Aug 2018 04:14

Instrument :
MSVOA_U
ClientSampleId :
FL-0533

Tot Ion:117 Resp: 316766
Ion Ratio Lower Upper
117 100
82 55.4 46.0 69.0
119 32.3 26.0 39.0

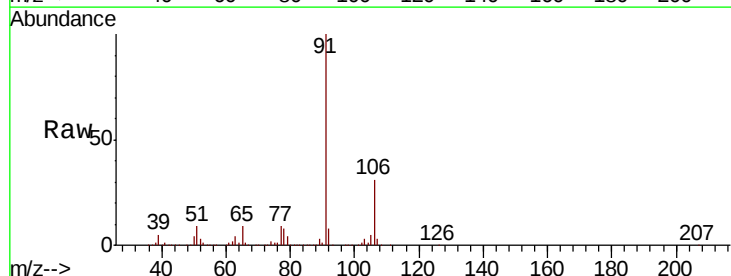


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

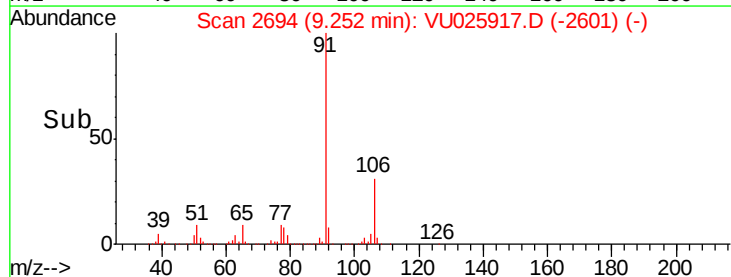
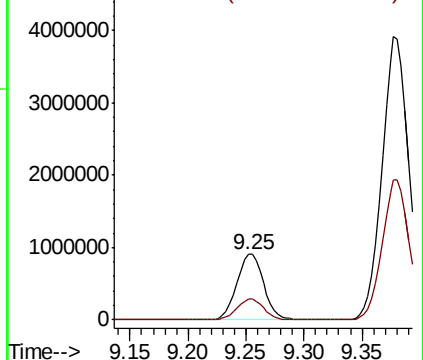


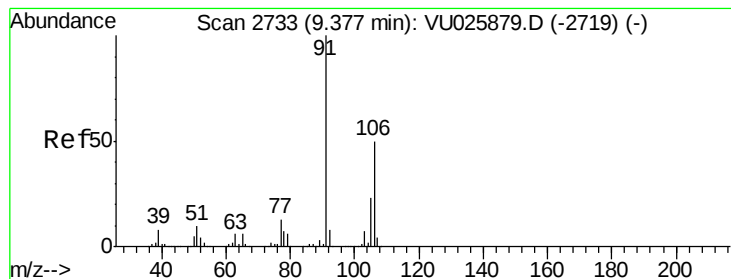
#67
Ethyl Benzene
Concen: 107.58 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. 0.00 min
Lab File: VU025917.D
Acq: 07 Aug 2018 04:14

Tgt Ion: 91 Resp: 1455399
Ion Ratio Lower Upper
91 100
106 31.5 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: 606.05 ug/l

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU025917.D

Acq: 07 Aug 2018 04:14

Instrument :

MSVOA_U

ClientSampled :

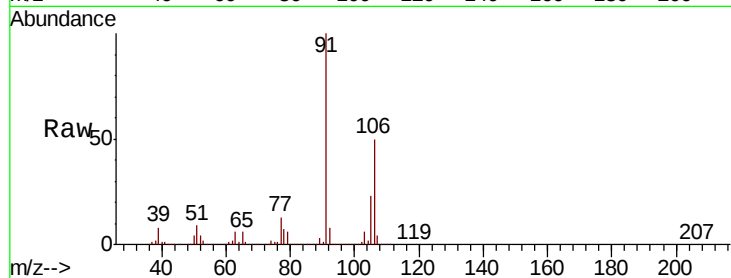
FL-0533

Tot Ion:106 Resp: 3147644

Ion Ratio Lower Upper

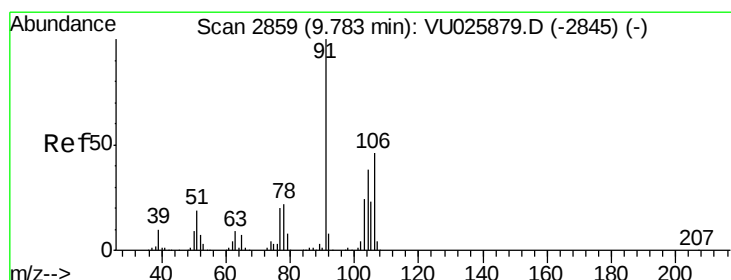
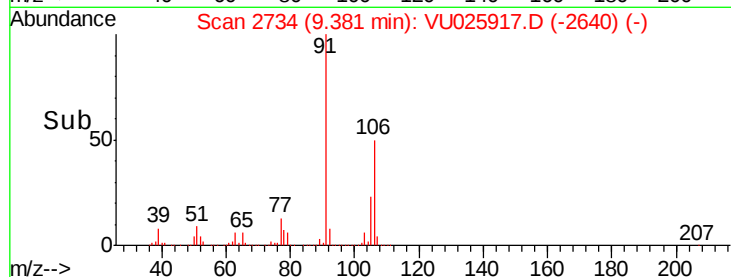
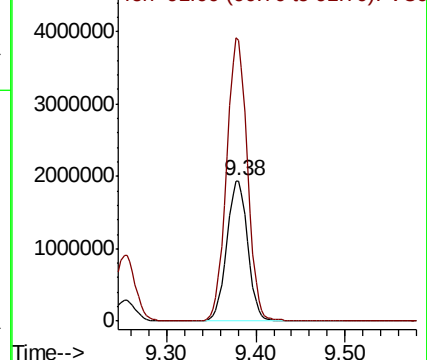
106 100

91 201.0 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#69

o-Xylene

Concen: 172.56 ug/l

RT: 9.78 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VU025917.D

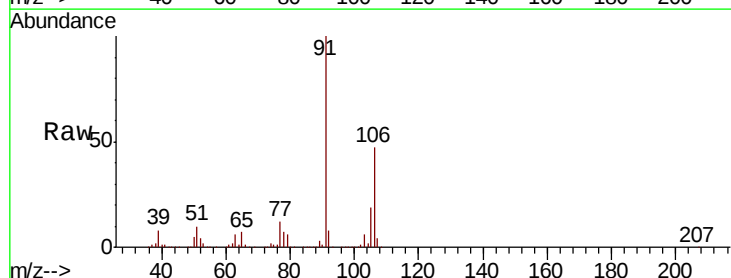
Acq: 07 Aug 2018 04:14

Tgt Ion:106 Resp: 875902

Ion Ratio Lower Upper

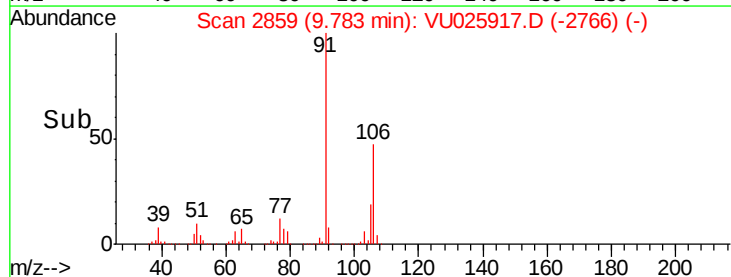
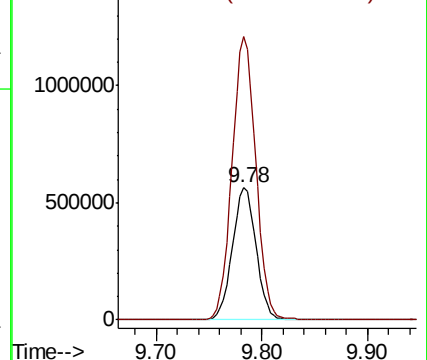
106 100

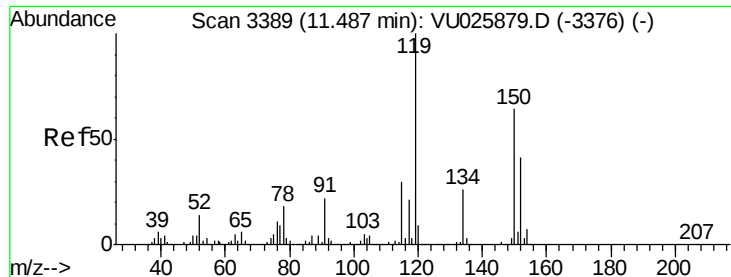
91 214.4 105.3 315.8



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: VU025917.D

Acq: 07 Aug 2018 04:14

Instrument :

MSVOA_U

ClientSampleId :

FL-0533

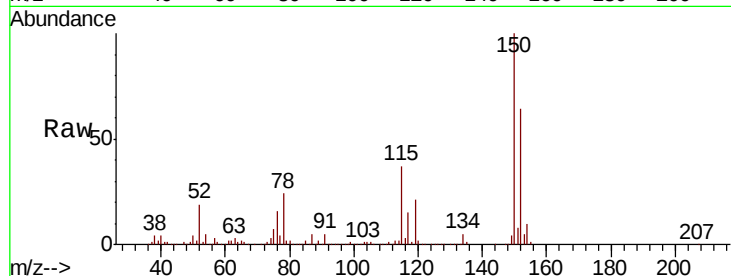
Tot Ion:152 Resp: 209321

Ion Ratio Lower Upper

152 100

115 59.7 40.1 120.3

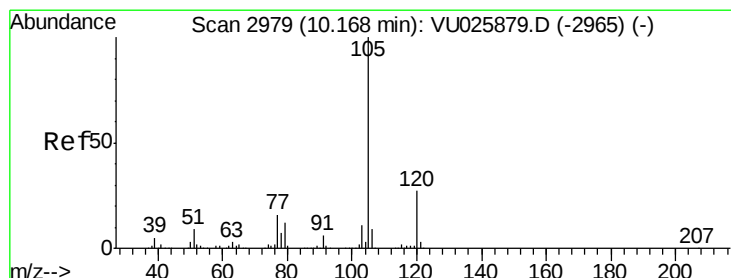
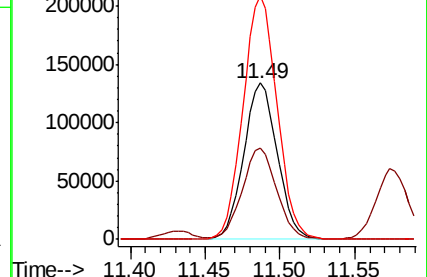
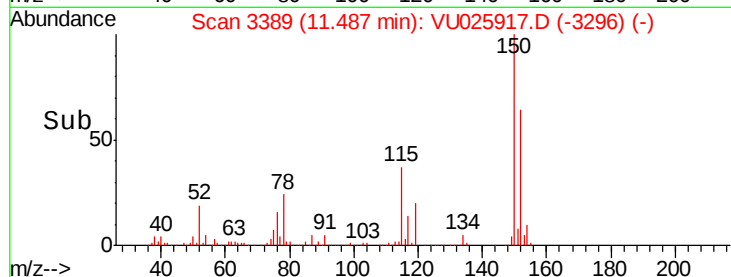
150 157.7 0.0 351.4



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: 26.60 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU025917.D

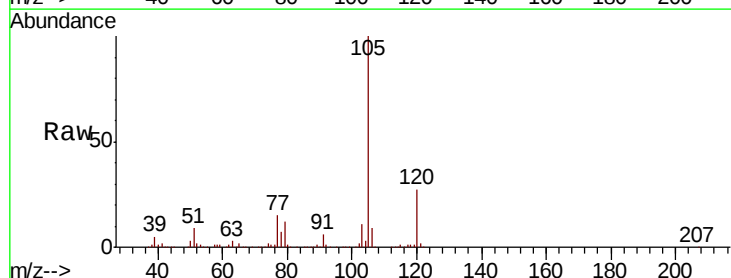
Acq: 07 Aug 2018 04:14

Tgt Ion:105 Resp: 379976

Ion Ratio Lower Upper

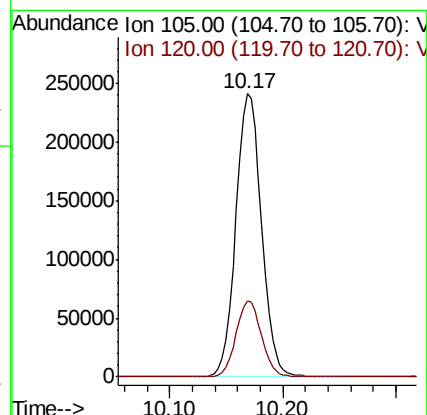
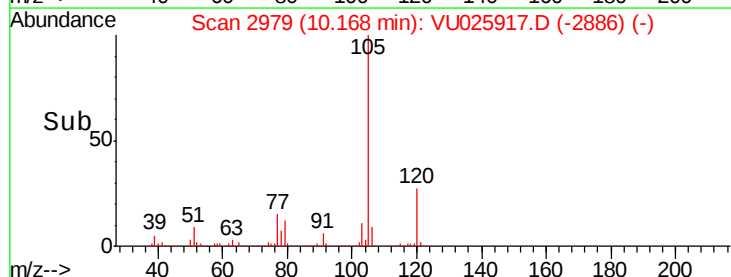
105 100

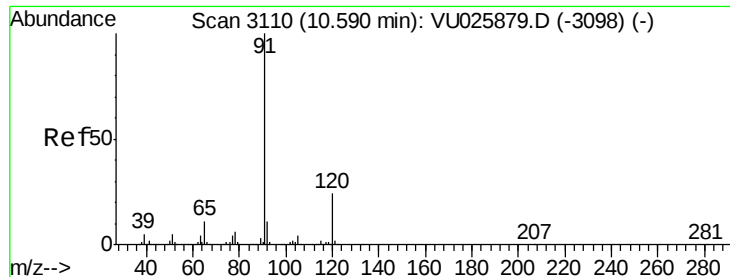
120 26.7 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 28.08 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. 0.00 min

Lab File: VU025917.D

Acq: 07 Aug 2018 04:14

Instrument :

MSVOA_U

ClientSampled :

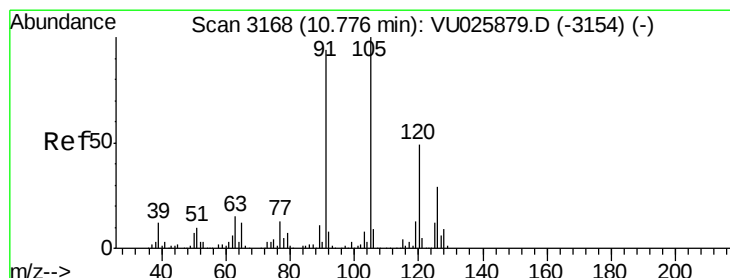
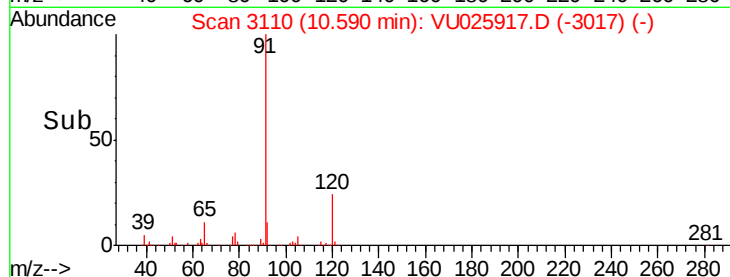
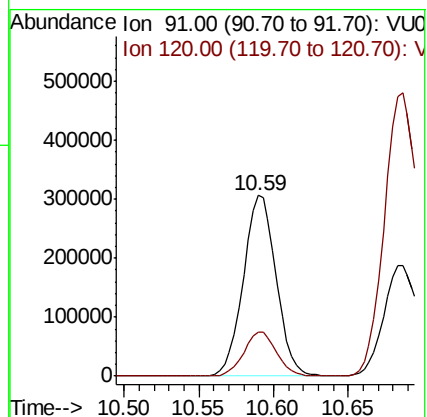
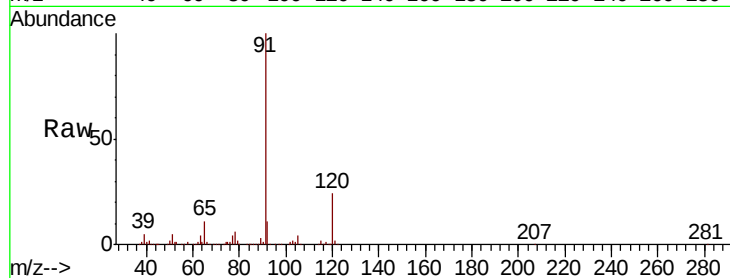
FL-0533

Tot Ion: 91 Resp: 468271

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 107.12 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025917.D

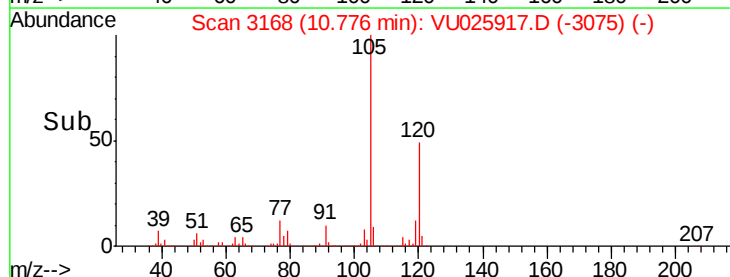
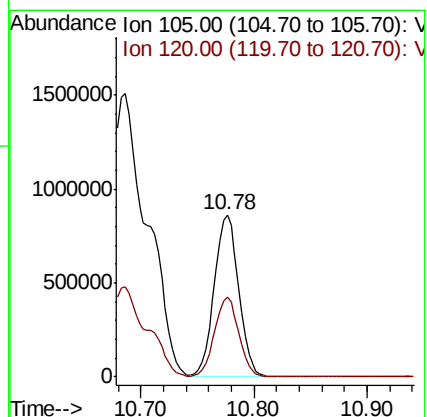
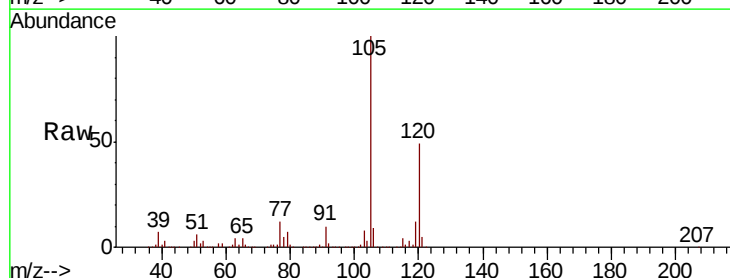
Acq: 07 Aug 2018 04:14

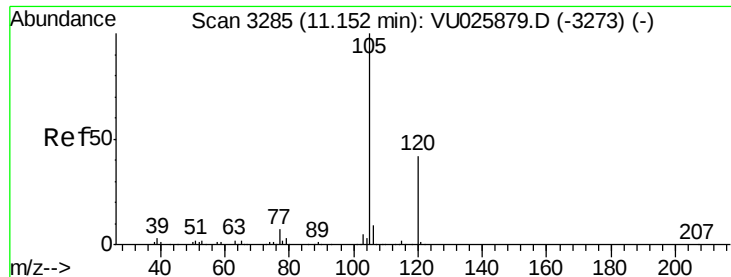
Tgt Ion:105 Resp: 1299708

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2

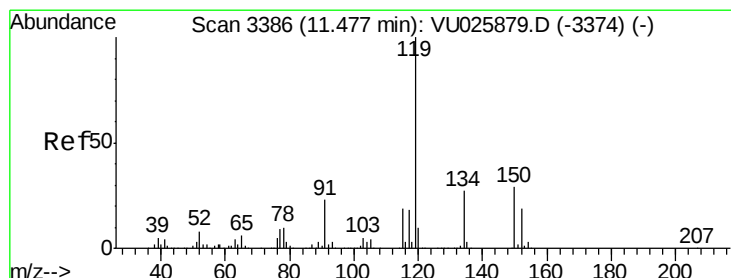
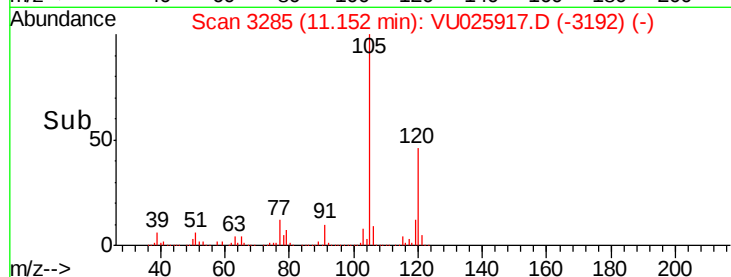
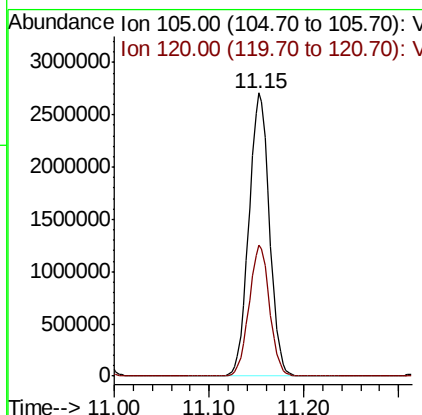
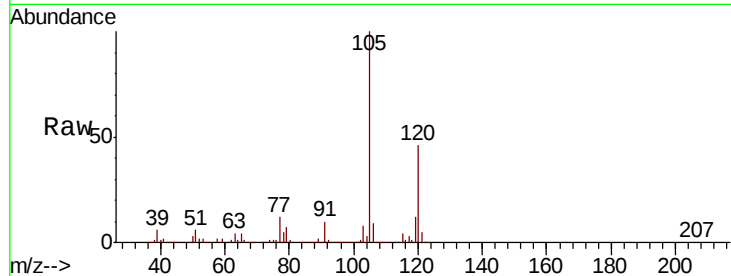




#84
 1,2,4-Trimethylbenzene
 Concen: 329.88 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025917.D
 Acq: 07 Aug 2018 04:14

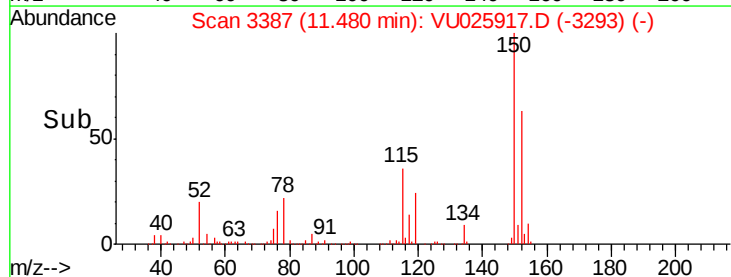
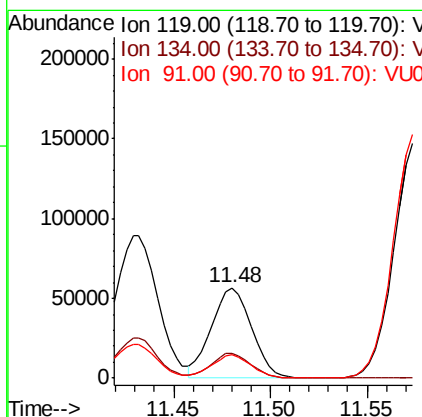
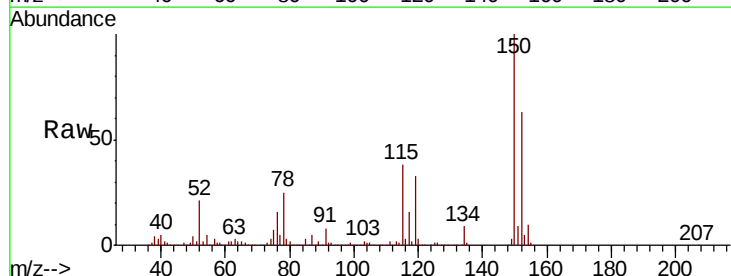
Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0533

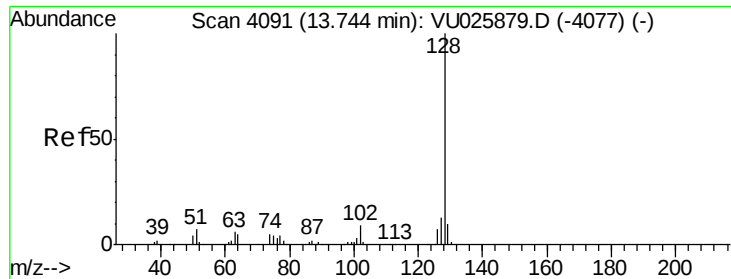
Tot Ion:105 Resp: 4055979
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8



#86
 p-Isopropyltoluene
 Concen: 6.23 ug/l
 RT: 11.48 min Scan# 3387
 Delta R.T. 0.00 min
 Lab File: VU025917.D
 Acq: 07 Aug 2018 04:14

Tgt Ion:119 Resp: 82120
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.2 39.5
 91 25.6 12.0 36.1





#95
 Naphthalene
 Concen: 49.25 ug/l
 RT: 13.74 min Scan# 4091
 Delta R.T. 0.00 min
 Lab File: VU025917.D
 Acq: 07 Aug 2018 04:14

Instrument :
 MSVOA_U
 ClientSampleId :
 FL-0533

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

