

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029114.D
 Acq On : 10 Jan 2019 13:27
 Operator : MD/SY
 Sample : K1099-01ME
 Misc : 5.92g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15ME

Quant Time: Jan 11 03:32:38 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	141640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	244948	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	234647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	116873	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.30	65	89628	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
35) Dibromofluoromethane	4.88	113	79028	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	7.56	98	308167	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	10.31	95	118282	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	

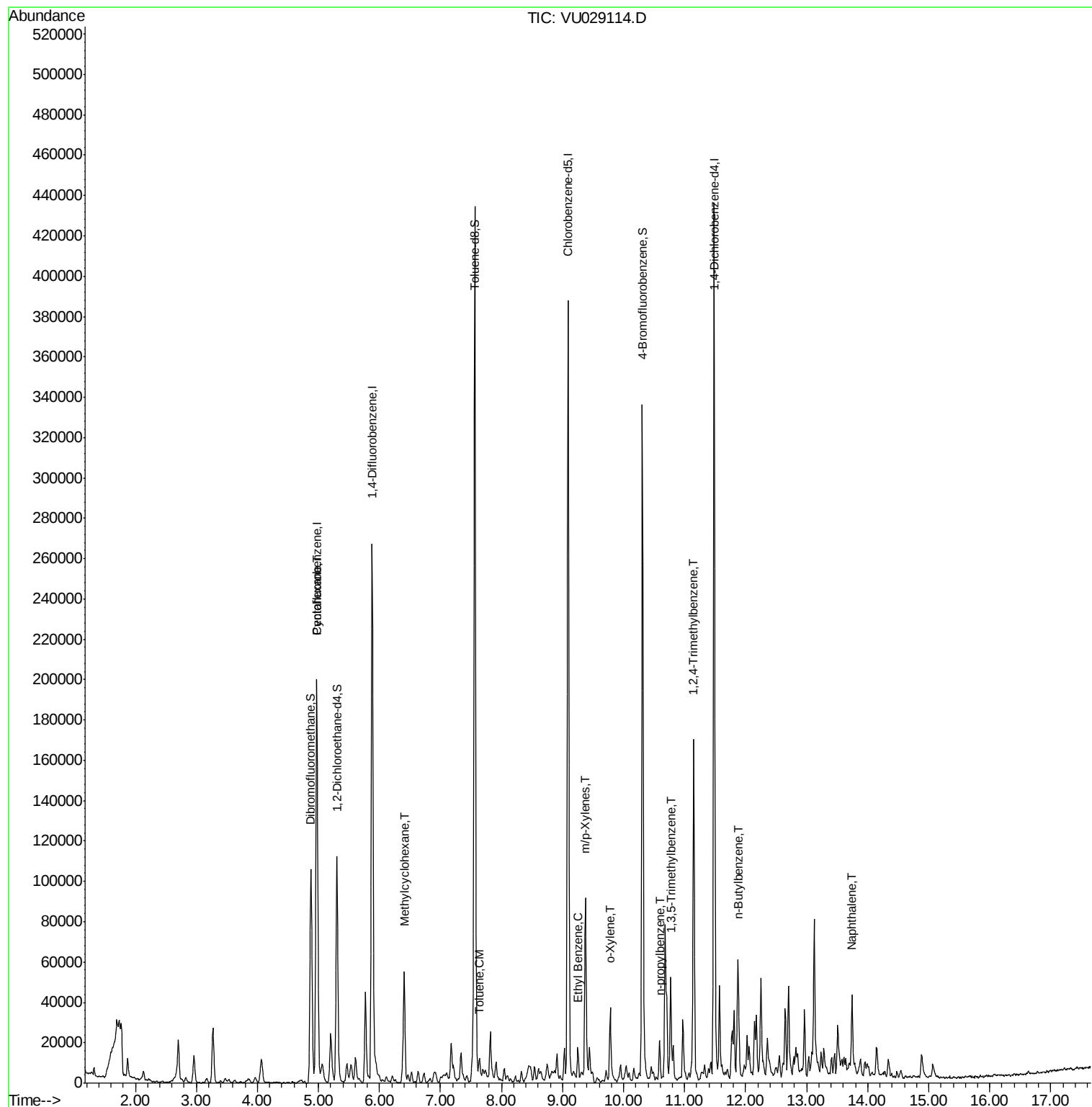
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	4.97	56	13123	3.476	ug/l #	88
39) Methylcyclohexane	6.40	83	23745	7.889	ug/l	98
52) Toluene	7.64	92	4226	0.909	ug/l	93
67) Ethyl Benzene	9.25	91	12423	1.415	ug/l	98
68) m/p-Xylenes	9.38	106	27432	8.040	ug/l	98
69) o-Xylene	9.78	106	10208	3.105	ug/l	94
78) n-propylbenzene	10.59	91	16651	1.633	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	26432	3.659	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	95201	13.200	ug/l	99
89) n-Butylbenzene	11.89	91	13238	2.021	ug/l #	36
95) Naphthalene	13.75	128	33038	3.653	ug/l	98

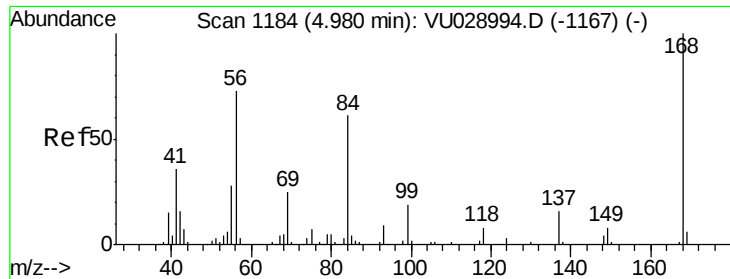
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
Data File : VU029114.D
Acq On : 10 Jan 2019 13:27
Operator : MD/SY
Sample : K1099-01ME
Misc : 5.92g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TP-15ME

Quant Time: Jan 11 03:32:38 2019
Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU029114.D

Acq: 10 Jan 2019 13:27

Instrument :

MSVOA_U

ClientSampleId :

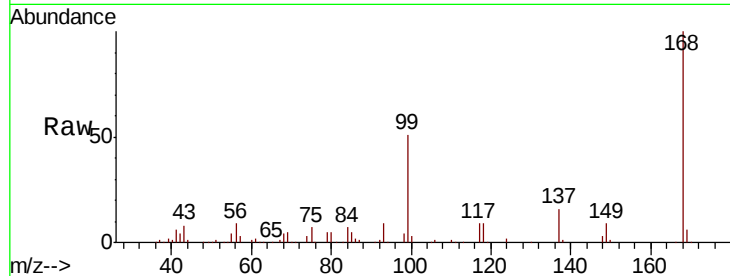
TP-15ME

Tgt Ion:168 Resp: 141640

Ion Ratio Lower Upper

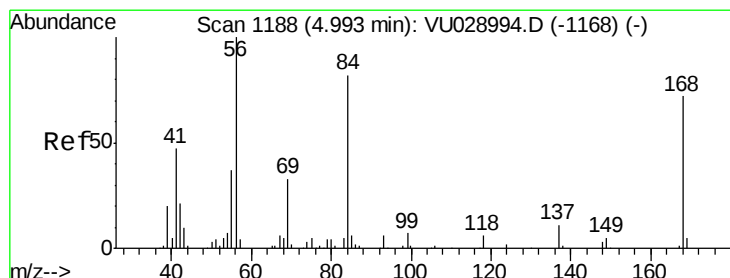
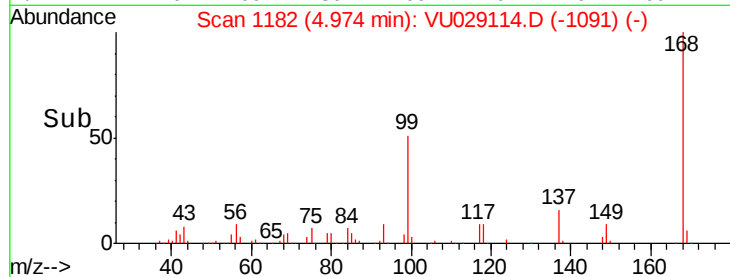
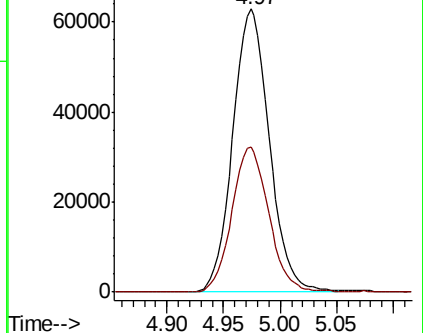
168 100

99 51.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#31

Cyclohexane

Concen: 3.476 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VU029114.D

Acq: 10 Jan 2019 13:27

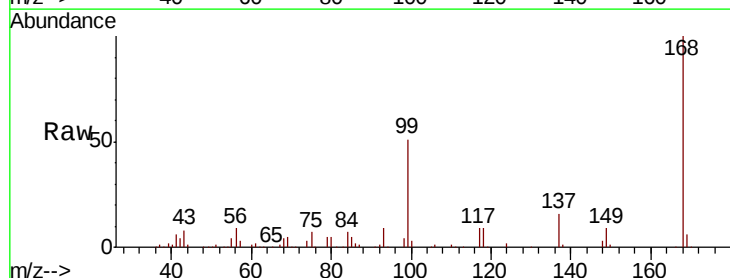
Tgt Ion: 56 Resp: 13123

Ion Ratio Lower Upper

56 100

69 57.4 26.7 40.1#

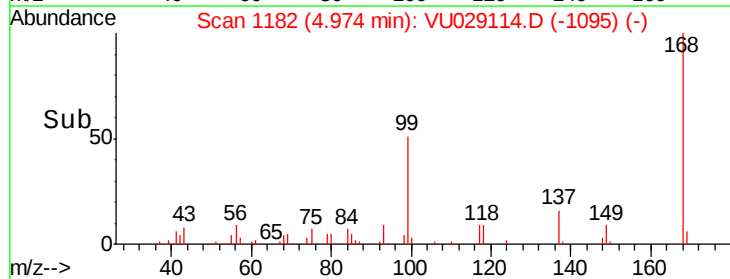
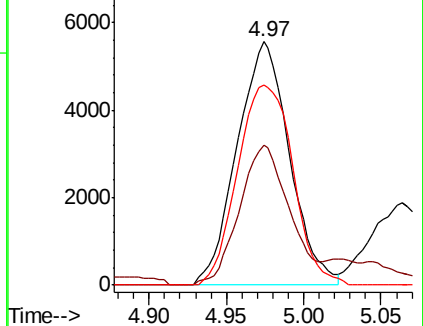
84 82.4 65.7 98.5

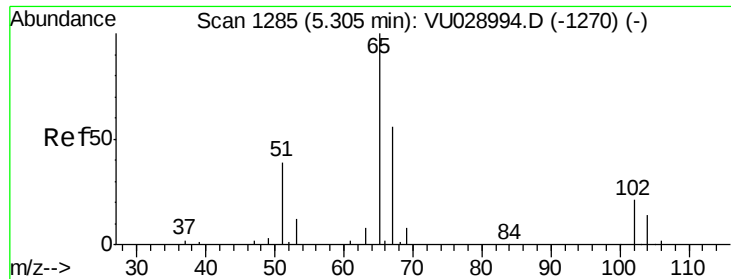


Abundance Ion 56.00 (55.70 to 56.70): VU028994.D (-1168) (-)

Ion 69.00 (68.70 to 69.70): VU028994.D (-1168) (-)

Ion 84.00 (83.70 to 84.70): VU028994.D (-1168) (-)

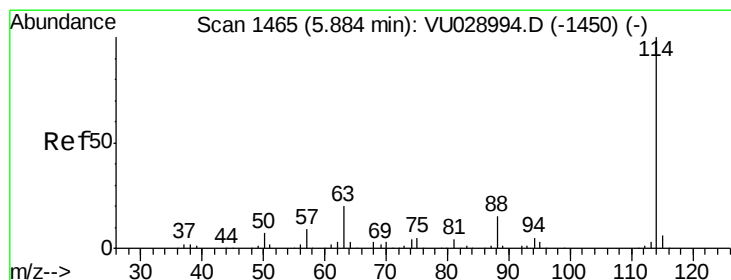
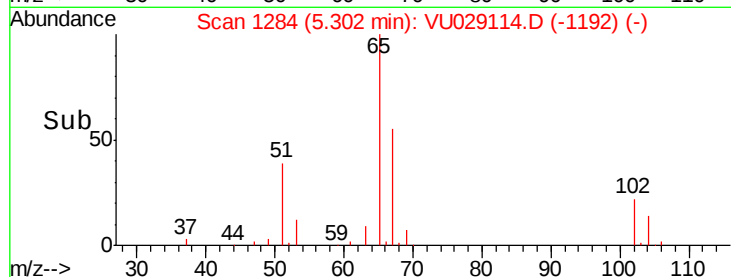
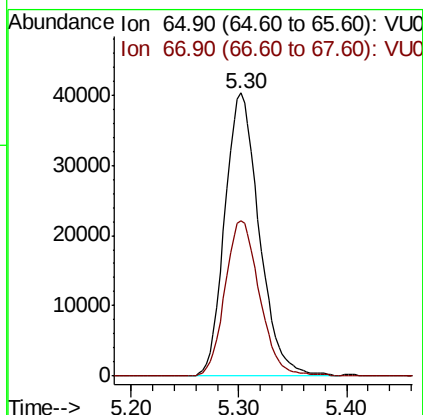
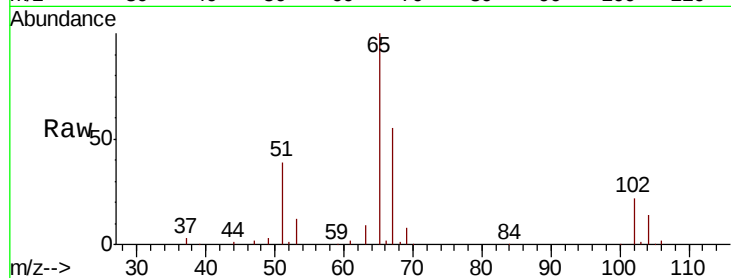




#33
 1,2-Dichloroethane-d4
 Concen: 51.188 ug/l
 RT: 5.30 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VU029114.D
 Acq: 10 Jan 2019 13:27

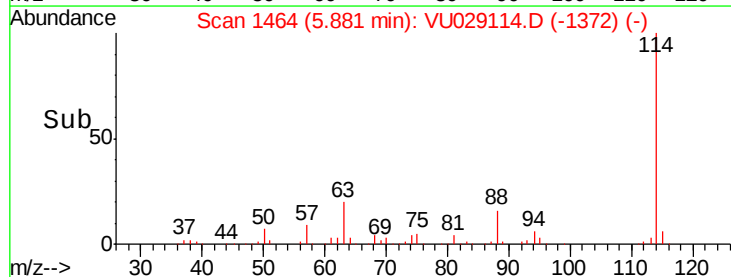
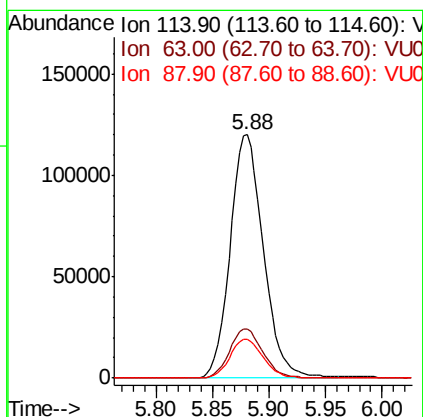
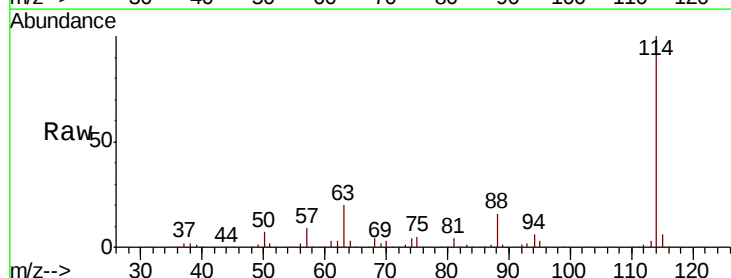
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15ME

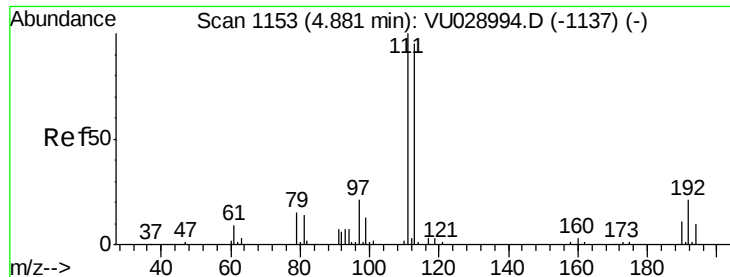
Tgt Ion: 65 Resp: 89628
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VU029114.D
 Acq: 10 Jan 2019 13:27

Tgt Ion: 114 Resp: 244948
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.2
 88 15.8 0.0 30.4

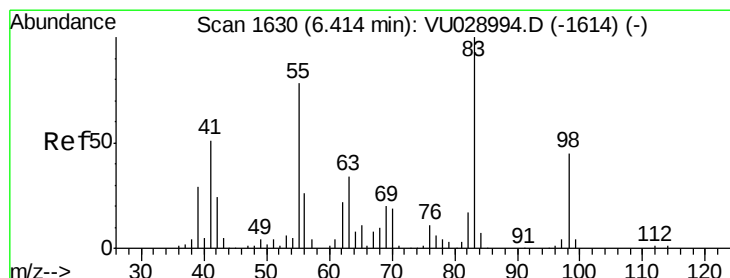
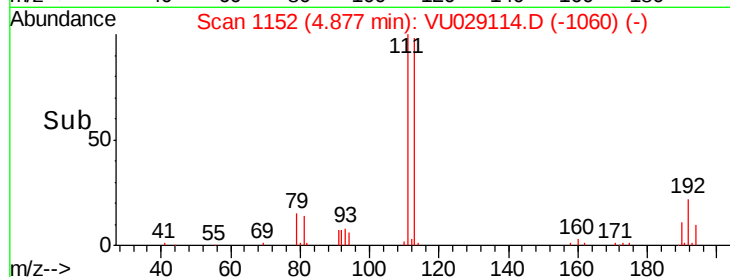
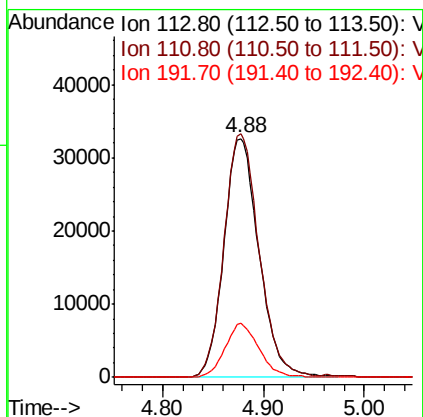
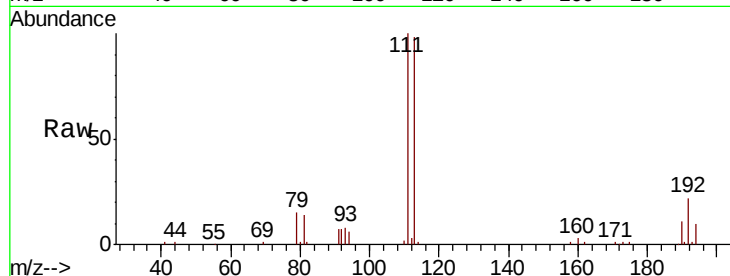




#35
Dibromofluoromethane
Concen: 49.771 ug/l
RT: 4.88 min Scan# 1152
Delta R.T. -0.00 min
Lab File: VU029114.D
Acq: 10 Jan 2019 13:27

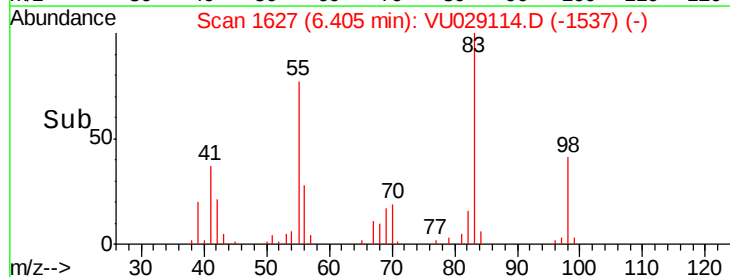
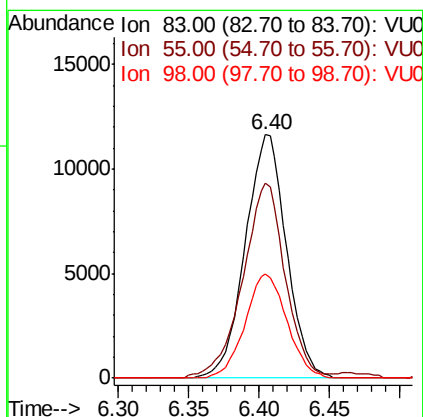
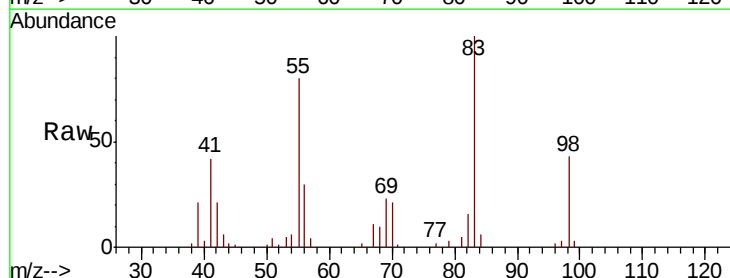
Instrument :
MSVOA_U
ClientSampleId :
TP-15ME

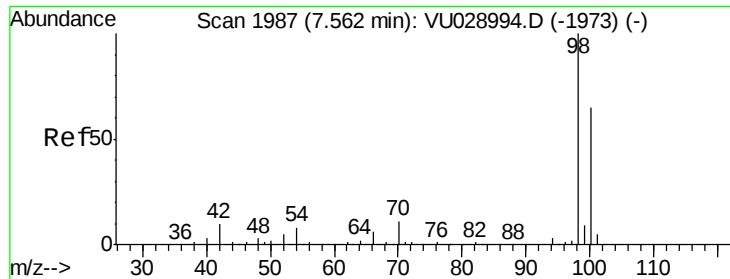
Tgt Ion:113 Resp: 79028
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 21.7 16.8 25.2



#39
Methylcyclohexane
Concen: 7.889 ug/l
RT: 6.40 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VU029114.D
Acq: 10 Jan 2019 13:27

Tgt Ion: 83 Resp: 23745
Ion Ratio Lower Upper
83 100
55 79.1 62.4 93.6
98 42.9 36.2 54.2





#50

Toluene-d8

Concen: 49.161 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029114.D

Acq: 10 Jan 2019 13:27

Instrument :

MSVOA_U

ClientSampleId :

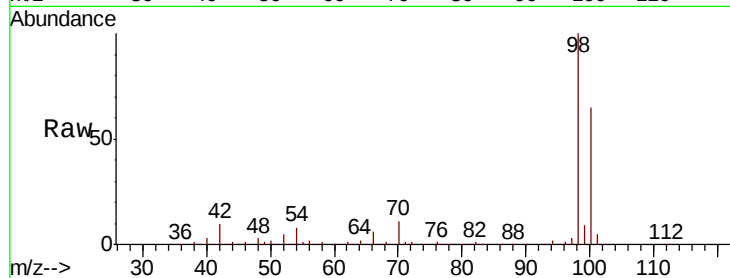
TP-15ME

Tgt Ion: 98 Resp: 308167

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028994.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028994.D (-1973) (-)

7.56

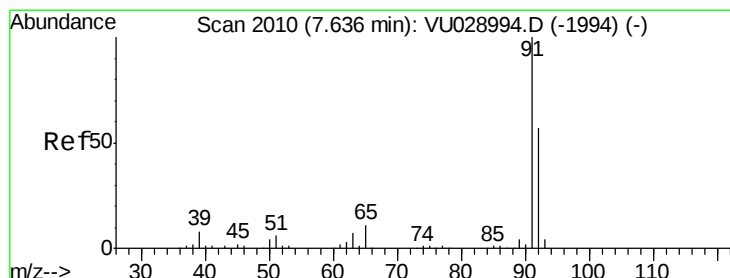
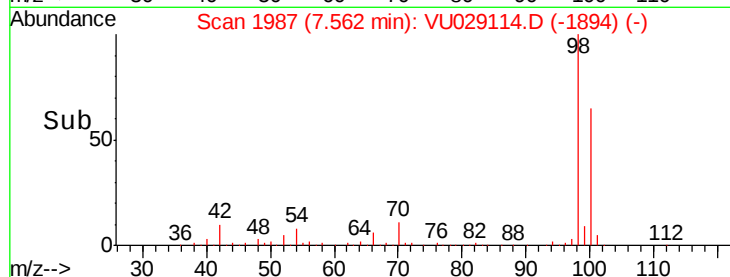
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 0.909 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU029114.D

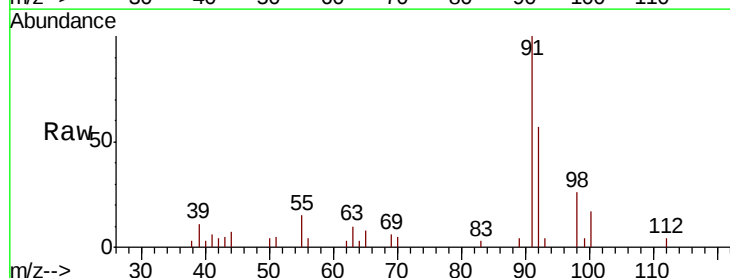
Acq: 10 Jan 2019 13:27

Tgt Ion: 92 Resp: 4226

Ion Ratio Lower Upper

92 100

91 184.4 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU028994.D (-1994) (-)

Ion 91.00 (90.70 to 91.70): VU028994.D (-1994) (-)

7.64

4000

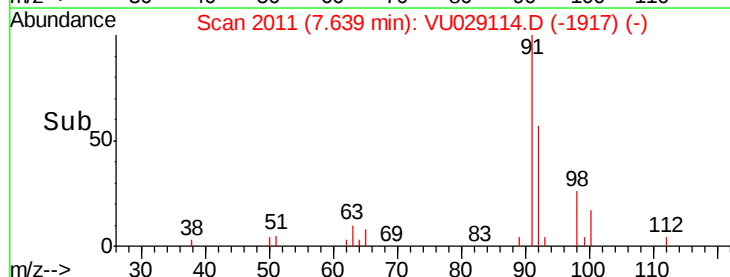
3000

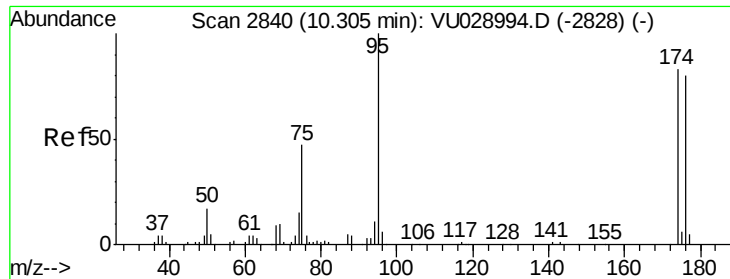
2000

1000

0

Time-->

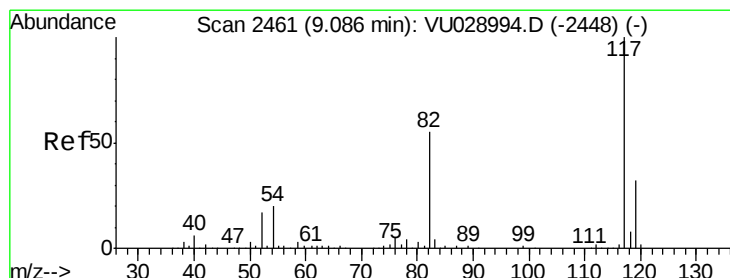
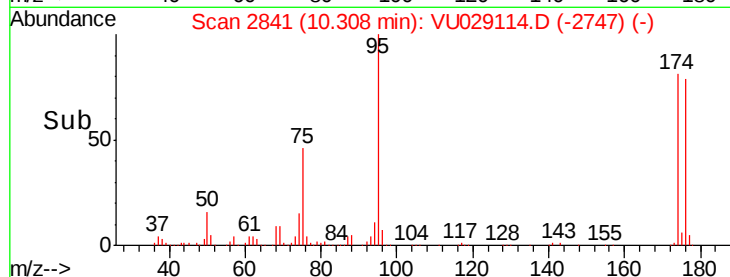
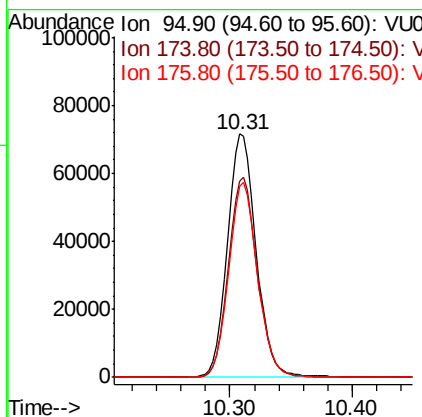
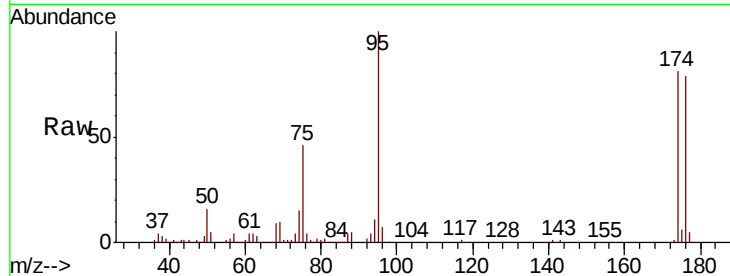




#62
4-Bromofluorobenzene
Concen: 52.505 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU029114.D
Acq: 10 Jan 2019 13:27

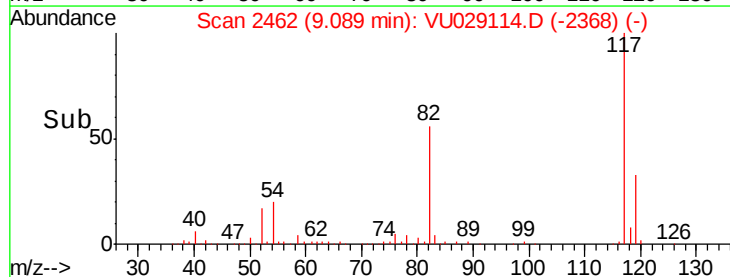
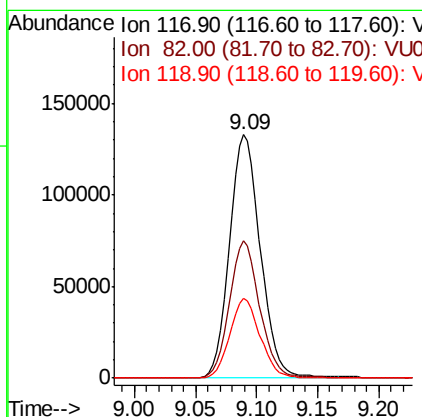
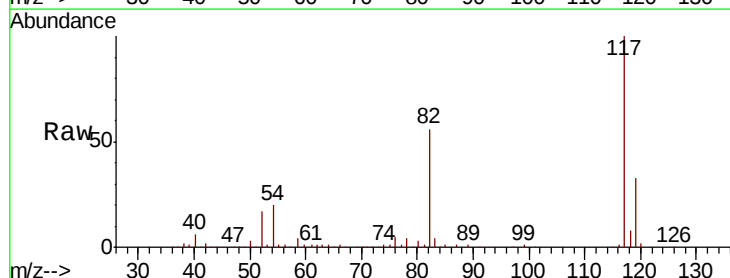
Instrument :
MSVOA_U
ClientSampled :
TP-15ME

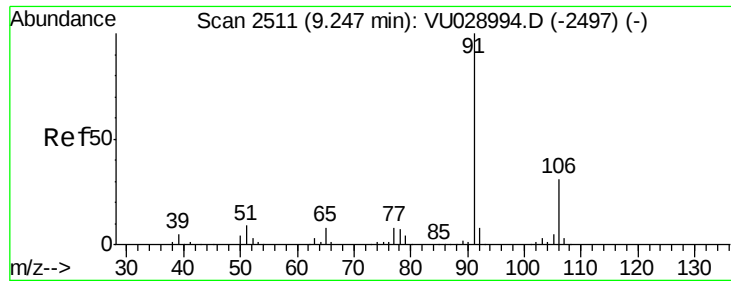
Tgt Ion: 95 Resp: 118282
Ion Ratio Lower Upper
95 100
174 82.6 0.0 170.6
176 80.2 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029114.D
Acq: 10 Jan 2019 13:27

Tgt Ion: 117 Resp: 234647
Ion Ratio Lower Upper
117 100
82 56.2 43.9 65.9
119 32.7 26.0 39.0

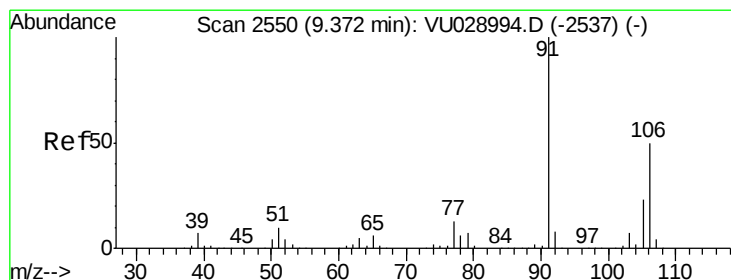
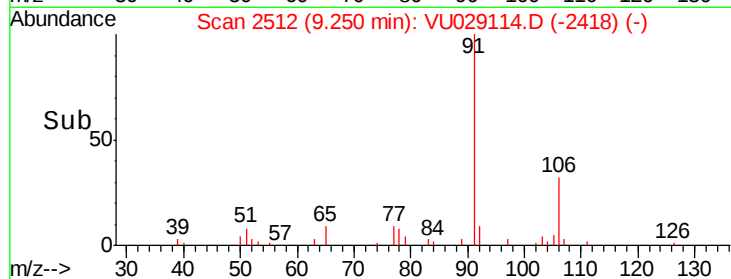
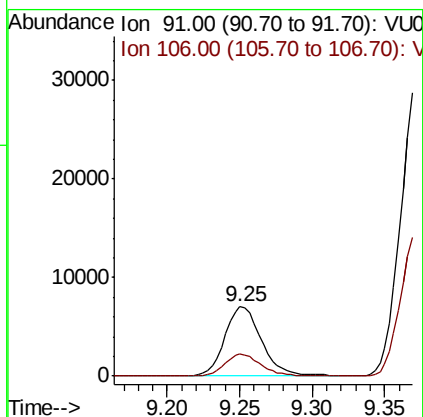
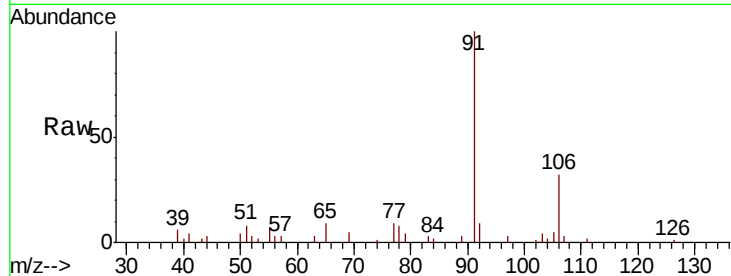




#67
Ethyl Benzene
Concen: 1.415 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU029114.D
Acq: 10 Jan 2019 13:27

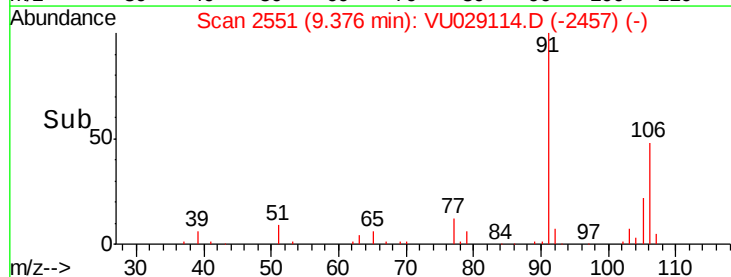
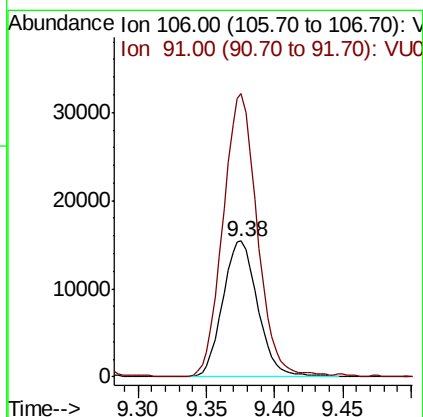
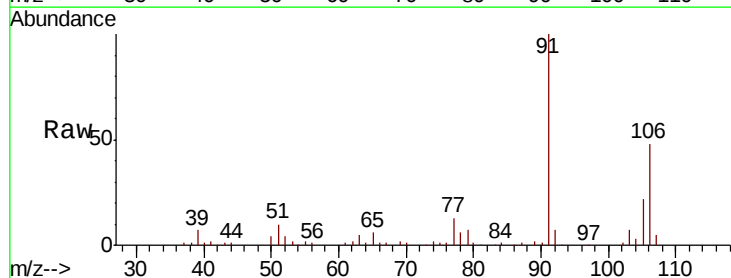
Instrument :
MSVOA_U
ClientSampleId :
TP-15ME

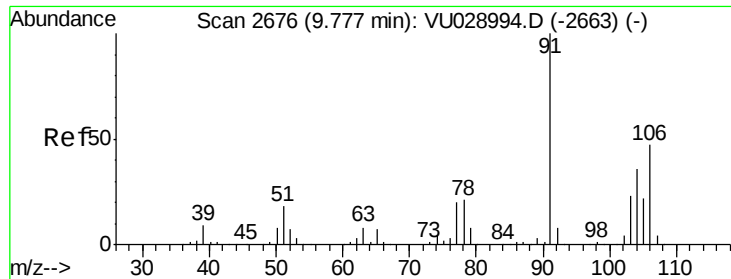
Tgt Ion: 91 Resp: 12423
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.4



#68
m/p-Xylenes
Concen: 8.040 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU029114.D
Acq: 10 Jan 2019 13:27

Tgt Ion: 106 Resp: 27432
Ion Ratio Lower Upper
106 100
91 204.9 161.7 242.5

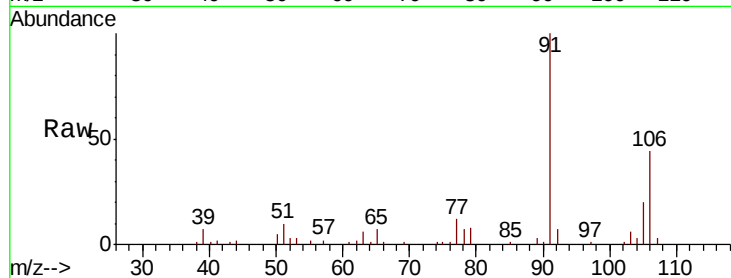




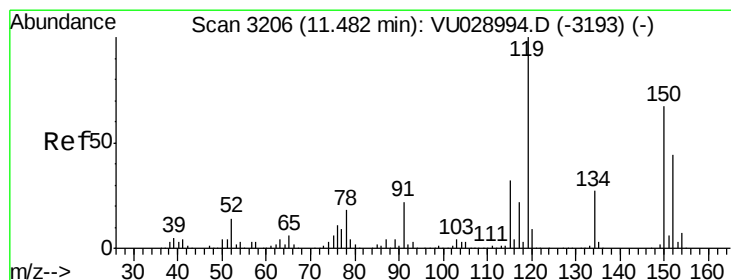
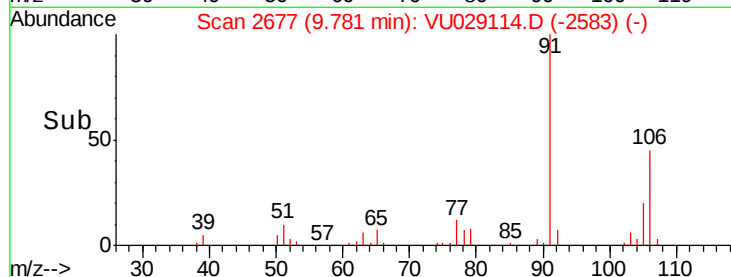
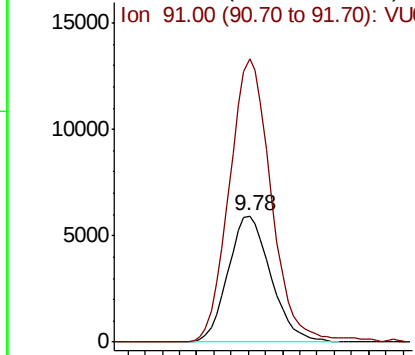
#69
o-Xylene
Concen: 3.105 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU029114.D
Acq: 10 Jan 2019 13:27

Instrument :
MSVOA_U
ClientSampleId :
TP-15ME

Tgt Ion:106 Resp: 10208
Ion Ratio Lower Upper
106 100
91 221.4 106.1 318.3

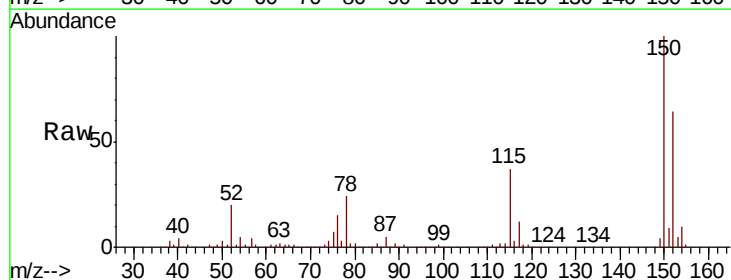


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

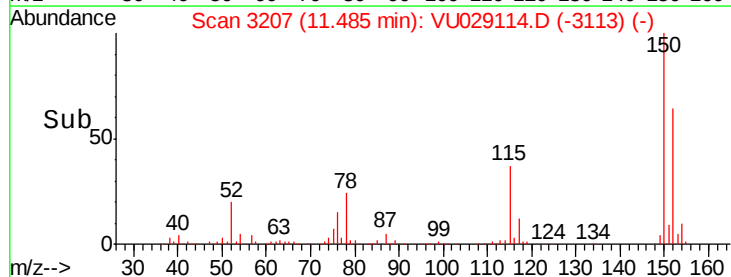
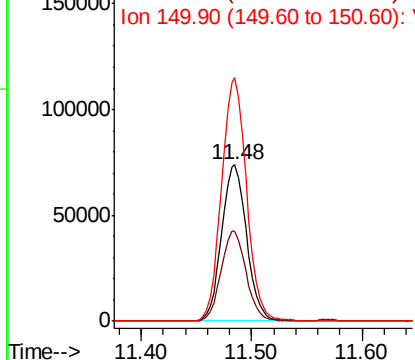


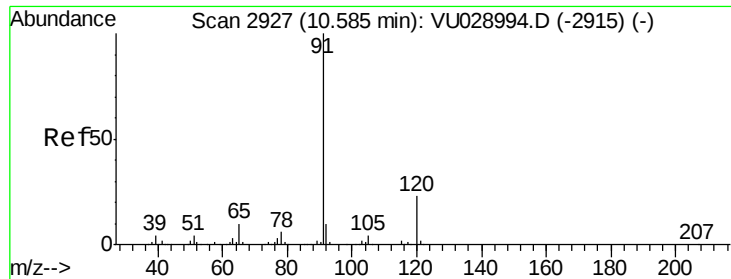
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU029114.D
Acq: 10 Jan 2019 13:27

Tgt Ion:152 Resp: 116873
Ion Ratio Lower Upper
152 100
115 57.0 40.1 120.3
150 154.7 0.0 345.2



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





#78

n-propylbenzene

Concen: 1.633 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU029114.D

Acq: 10 Jan 2019 13:27

Instrument :

MSVOA_U

ClientSampleId :

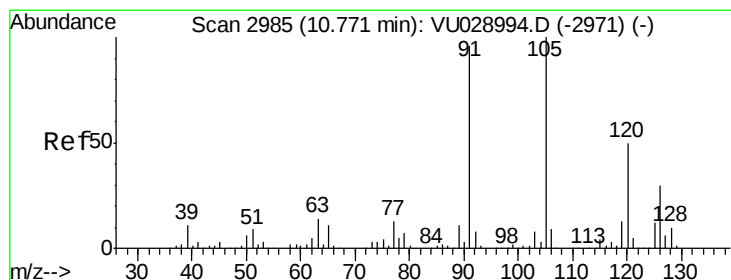
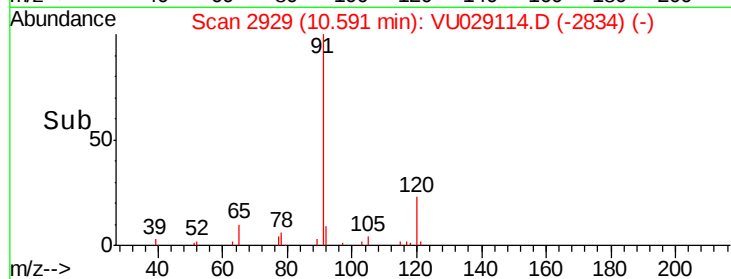
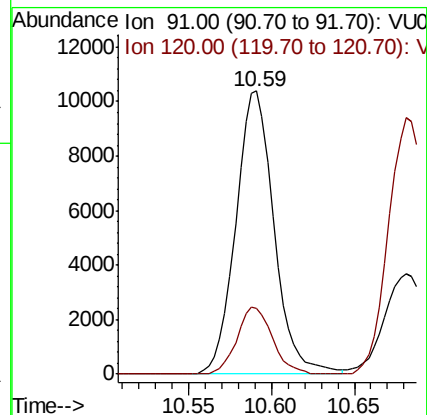
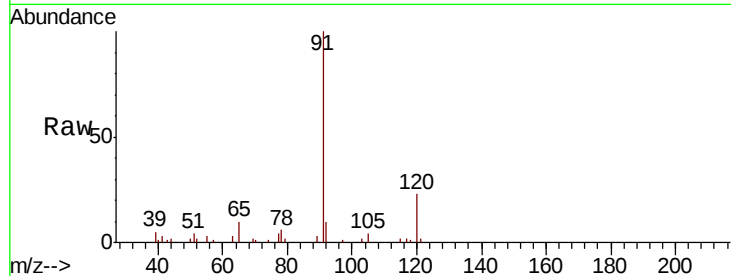
TP-15ME

Tgt Ion: 91 Resp: 16651

Ion Ratio Lower Upper

91 100

120 21.9 11.3 33.9



#80

1,3,5-Trimethylbenzene

Concen: 3.659 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029114.D

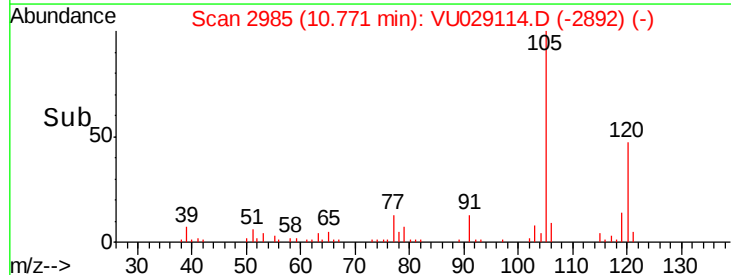
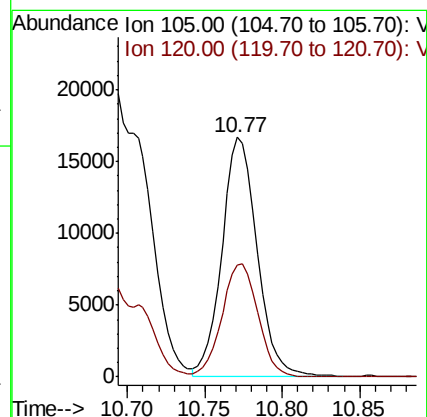
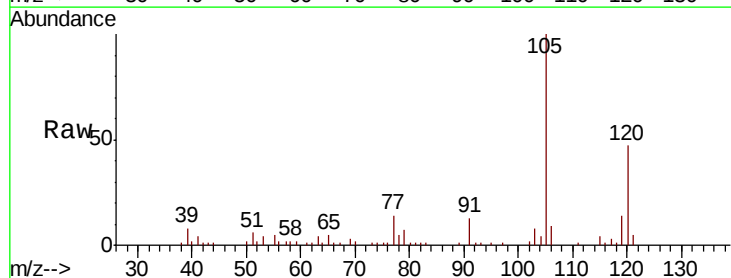
Acq: 10 Jan 2019 13:27

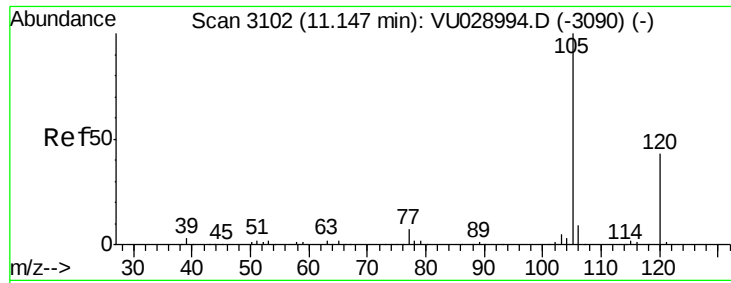
Tgt Ion: 105 Resp: 26432

Ion Ratio Lower Upper

105 100

120 48.1 24.8 74.4

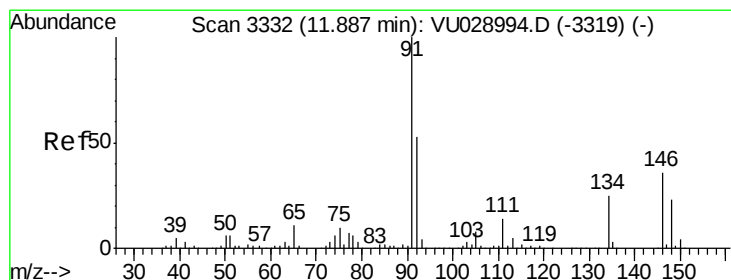
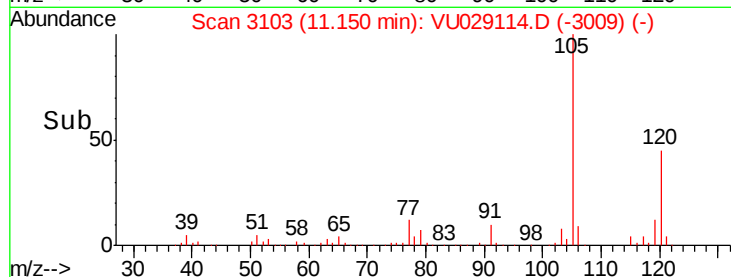
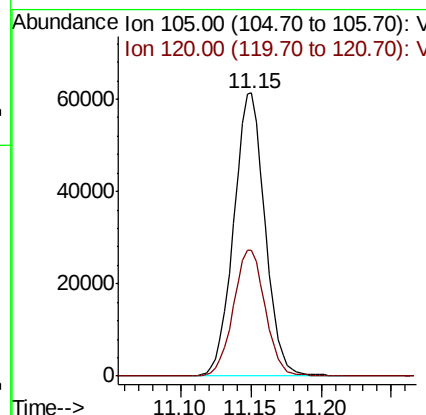
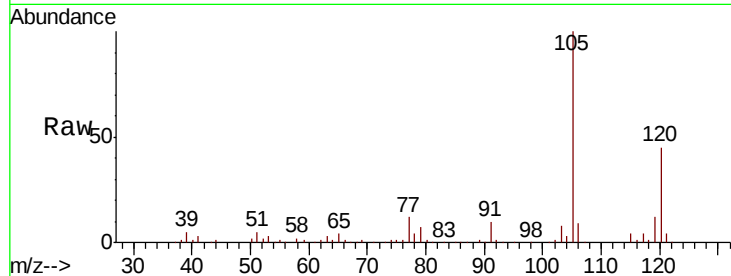




#84
 1,2,4-Trimethylbenzene
 Concen: 13.200 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU029114.D
 Acq: 10 Jan 2019 13:27

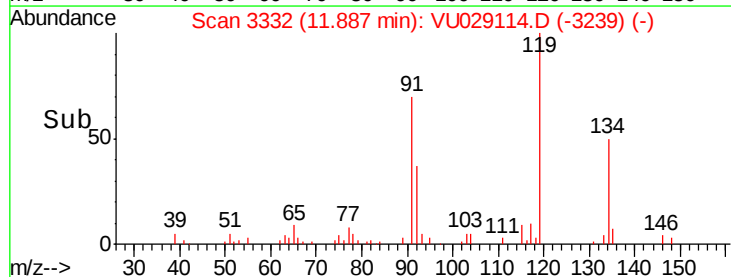
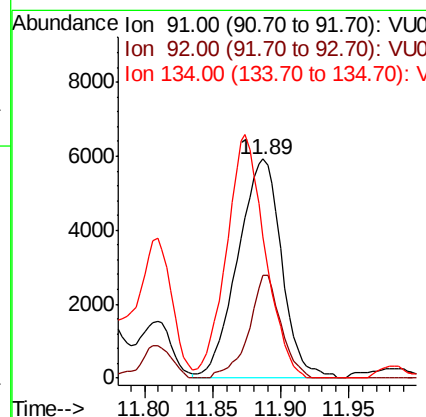
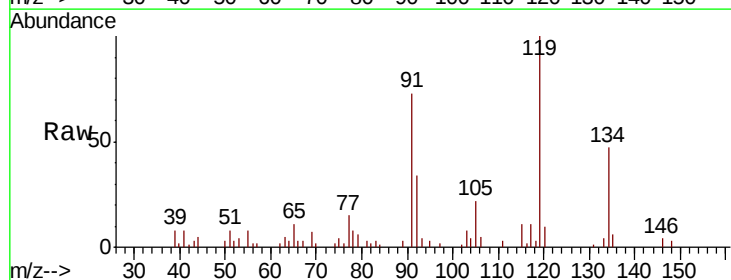
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15ME

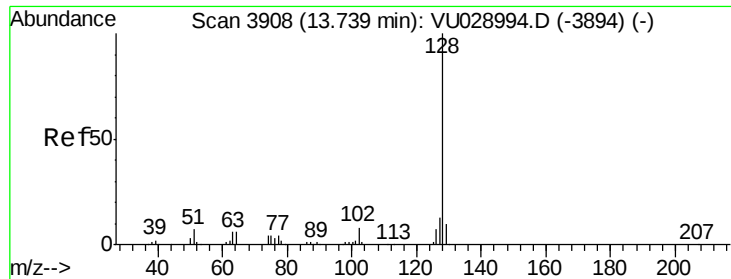
Tgt Ion: 105 Resp: 95201
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.1 69.3



#89
 n-Butylbenzene
 Concen: 2.021 ug/l
 RT: 11.89 min Scan# 3332
 Delta R.T. 0.00 min
 Lab File: VU029114.D
 Acq: 10 Jan 2019 13:27

Tgt Ion: 91 Resp: 13238
 Ion Ratio Lower Upper
 91 100
 92 34.1 26.2 78.5
 134 97.5 12.6 37.6#

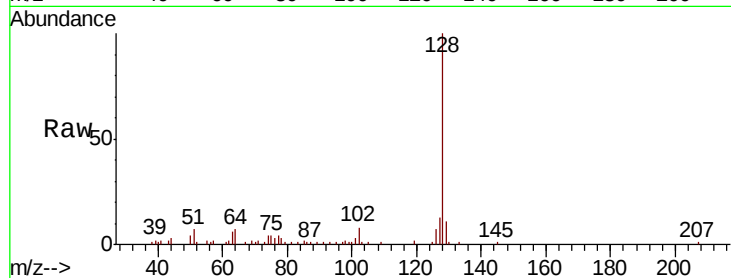




#95
 Naphthalene
 Concen: 3.653 ug/l
 RT: 13.75 min Scan# 3910
 Delta R.T. 0.01 min
 Lab File: VU029114.D
 Acq: 10 Jan 2019 13:27

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-15ME

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.1	15.1
129	11.4	8.5	12.7



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

