

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027484.D
 Acq On : 06 Oct 2018 03:18
 Operator : MD/SY
 Sample : J5268-03DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10DL

Quant Time: Oct 06 04:24:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	111340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	185376	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	175374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	102225	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	102872	55.33	ug/l	0.00
Spiked Amount			Recovery	=	110.66%	
35) Dibromofluoromethane	4.89	113	72809	57.31	ug/l	0.00
Spiked Amount			Recovery	=	114.62%	
50) Toluene-d8	7.57	98	286830	60.32	ug/l	0.00
Spiked Amount			Recovery	=	120.64%	
62) 4-Bromofluorobenzene	10.31	95	107606	60.89	ug/l	0.00
Spiked Amount			Recovery	=	121.78%	

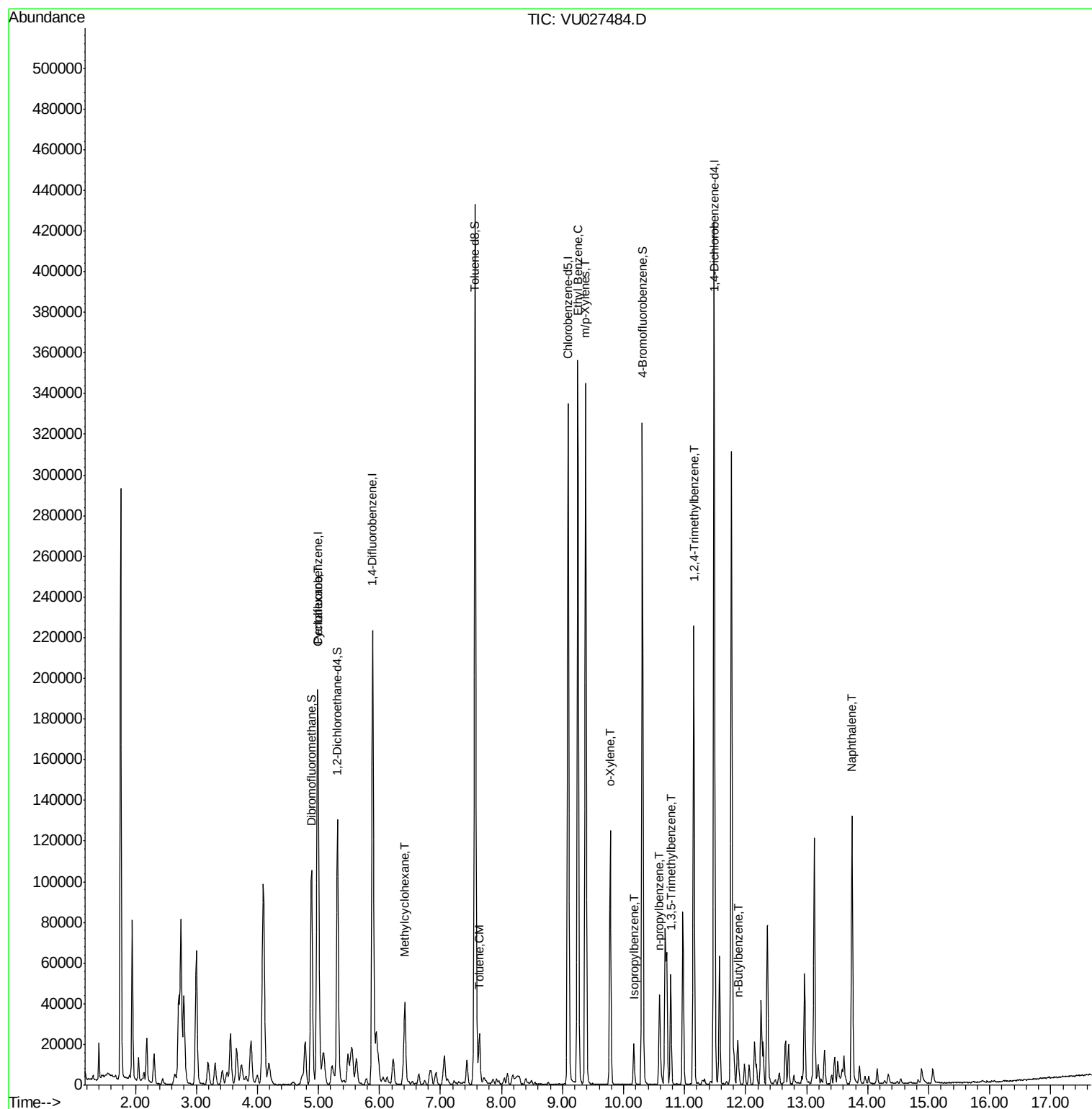
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.00	56	36457	12.046	ug/l	98
39) Methylcyclohexane	6.42	83	15456	6.569	ug/l	97
52) Toluene	7.64	92	9521	2.744	ug/l	99
67) Ethyl Benzene	9.25	91	248894	38.056	ug/l	100
68) m/p-Xylenes	9.38	106	91990	38.452	ug/l	100
69) o-Xylene	9.78	106	30994	13.633	ug/l	97
73) Isopropylbenzene	10.17	105	12598	1.697	ug/l	98
78) n-propylbenzene	10.59	91	34022	3.814	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	28718	4.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	119433	19.343	ug/l	99
89) n-Butylbenzene	11.88	91	4529	2.600	ug/l #	64
95) Naphthalene	13.74	128	100711	14.258	ug/l	99

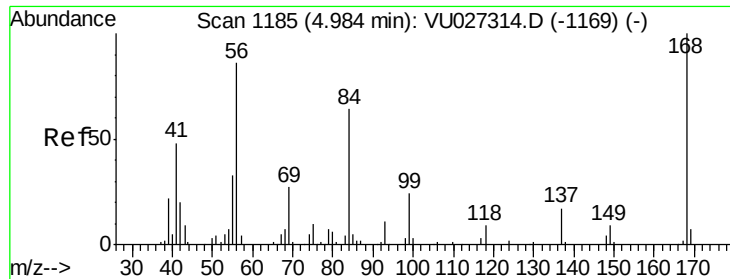
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
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QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027484.D

Acq: 06 Oct 2018 03:18

Instrument :

MSVOA_U

ClientSampled :

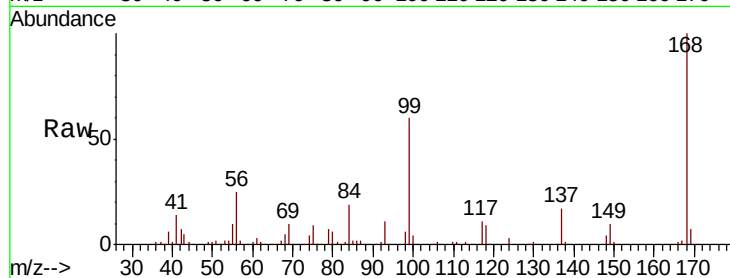
MW-10DL

Tot Ion:168 Resp: 111340

Ion Ratio Lower Upper

168 100

99 60.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

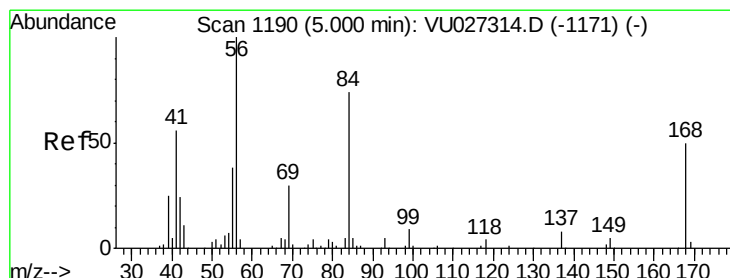
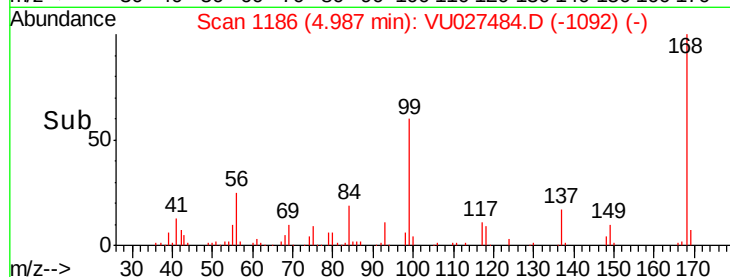
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#31

Cyclohexane

Concen: 12.046 ug/l

RT: 5.00 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VU027484.D

Acq: 06 Oct 2018 03:18

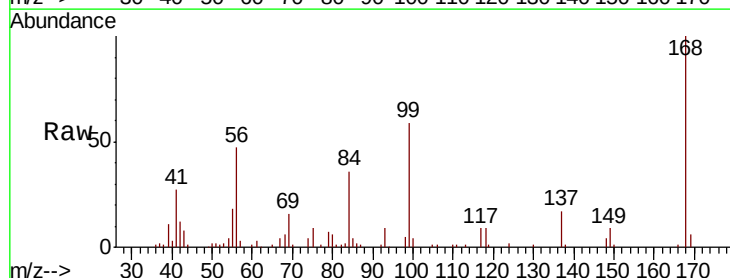
Tgt Ion: 56 Resp: 36457

Ion Ratio Lower Upper

56 100

69 32.4 24.1 36.1

84 75.1 59.1 88.7



Abundance Ion 56.00 (55.70 to 56.70): VU027314.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU027314.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU027314.D (-1171) (-)

5.00

20000

15000

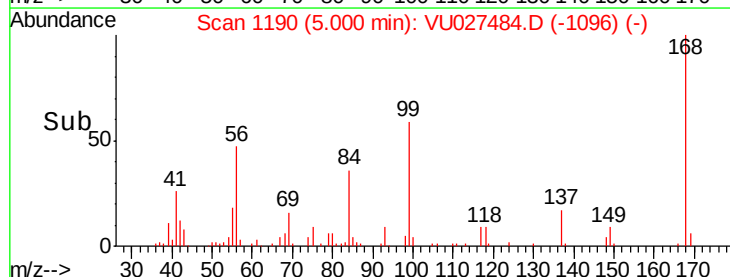
10000

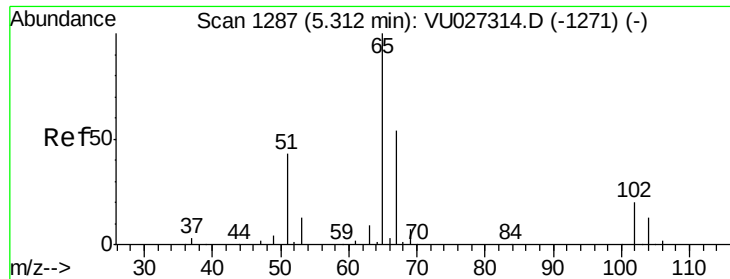
5000

0

4.90 4.95 5.00 5.05

Time-->

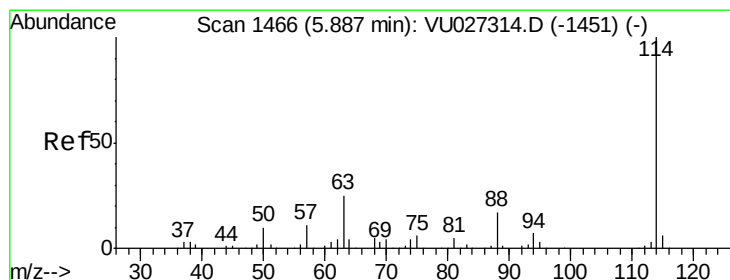
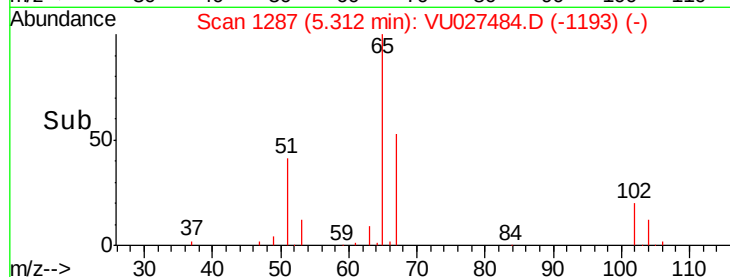
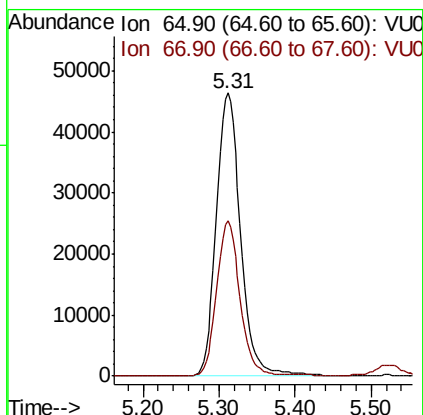
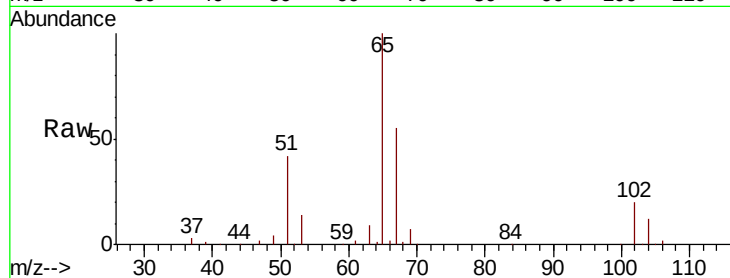




#33
 1,2-Dichloroethane-d4
 Concen: 55.332 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027484.D
 Acq: 06 Oct 2018 03:18

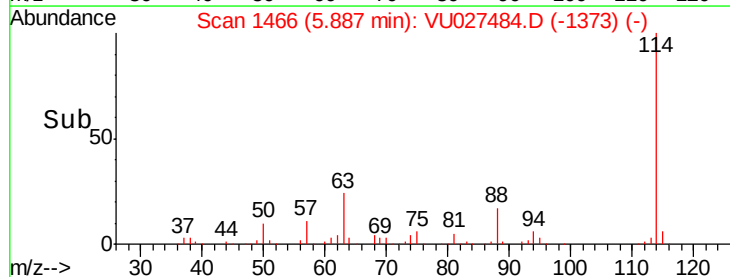
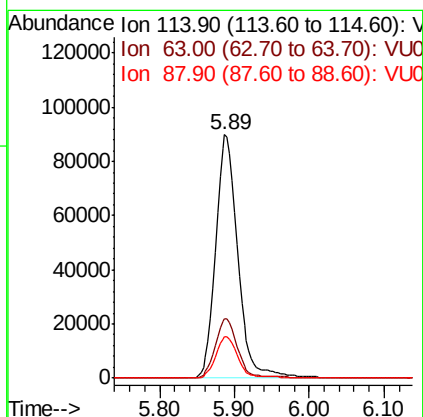
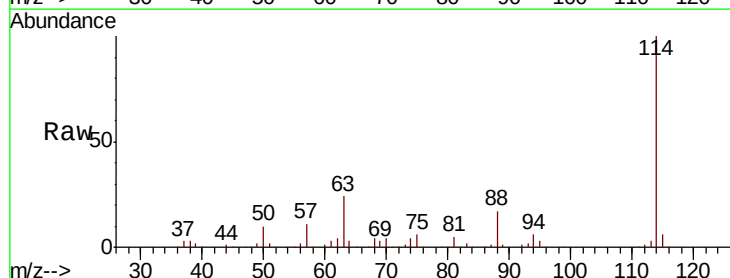
Instrument :
 MSVOA_U
 ClientSampled :
 MW-10DL

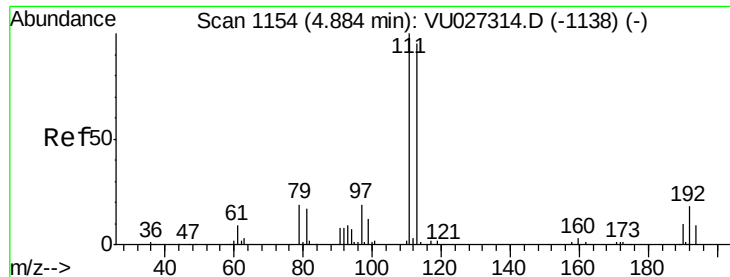
Tot Ion: 65 Resp: 102872
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027484.D
 Acq: 06 Oct 2018 03:18

Tgt Ion: 114 Resp: 185376
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.2
 88 16.8 0.0 33.8

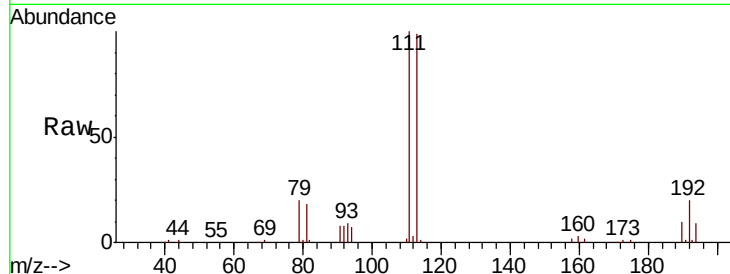




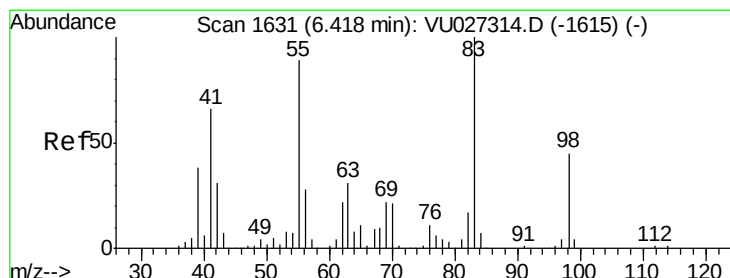
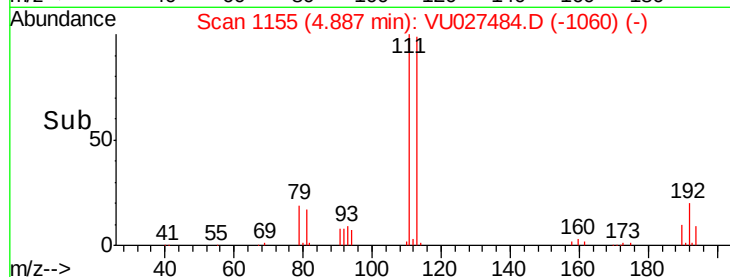
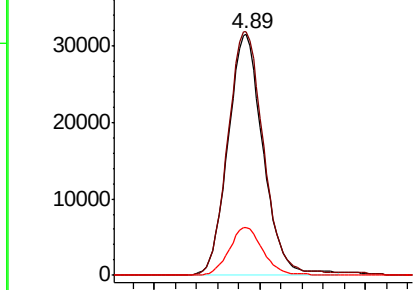
#35
Dibromofluoromethane
Concen: 57.310 ug/l
RT: 4.89 min Scan# 1155
Delta R.T. 0.00 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :
MW-10DL

Tot Ion:113 Resp: 72809
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 19.1 15.4 23.0

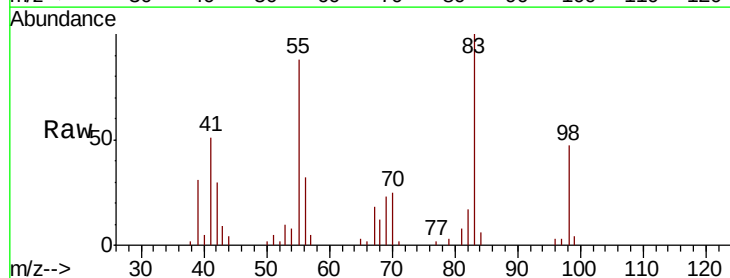


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

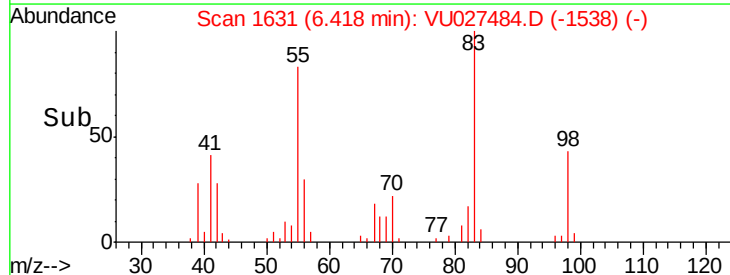
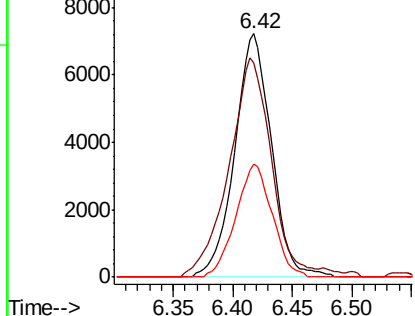


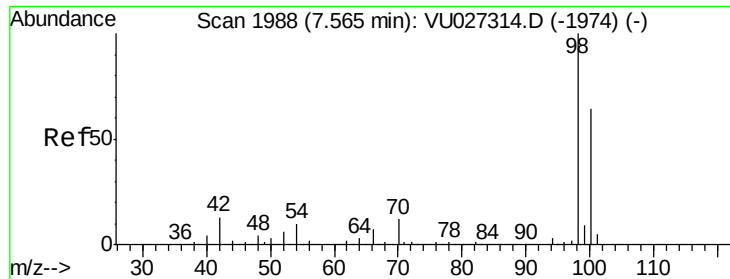
#39
Methylcyclohexane
Concen: 6.569 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

Tgt Ion: 83 Resp: 15456
Ion Ratio Lower Upper
83 100
55 85.9 71.1 106.7
98 46.6 36.3 54.5



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

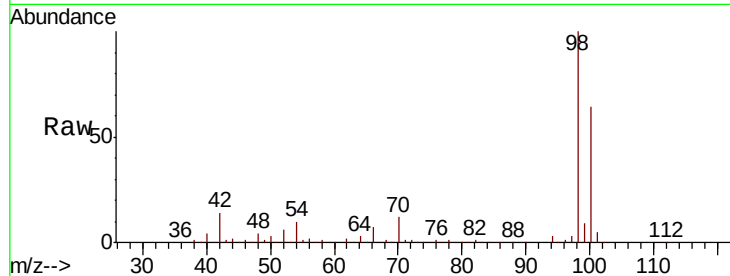




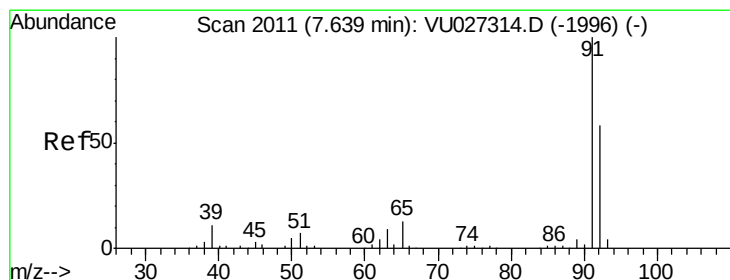
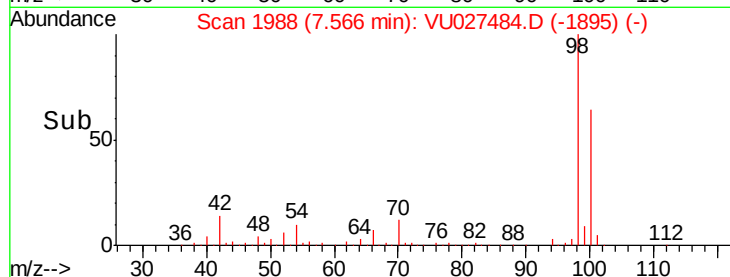
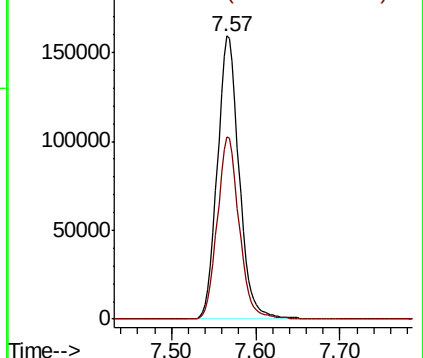
#50
Toluene-d8
Concen: 60.324 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :
MW-10DL

Tot Ion: 98 Resp: 286830
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

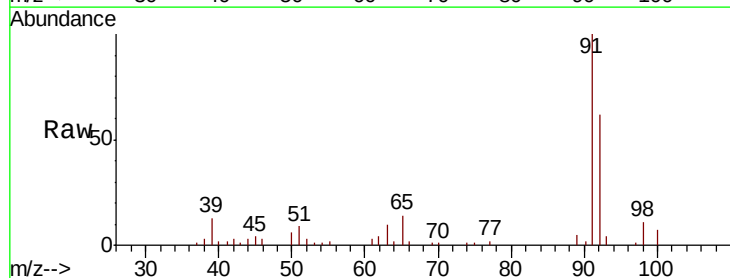


Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)
Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

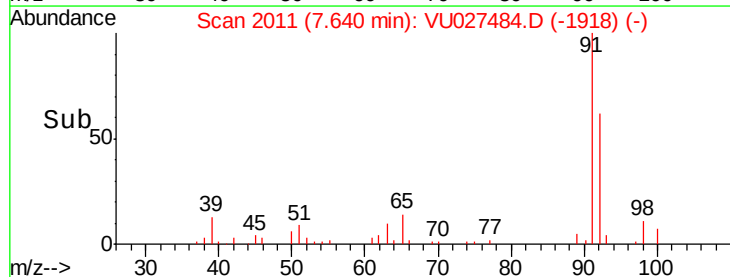
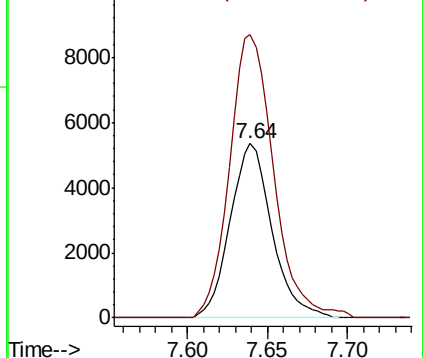


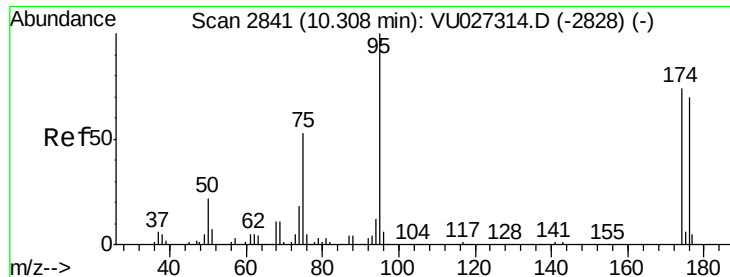
#52
Toluene
Concen: 2.744 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

Tgt Ion: 92 Resp: 9521
Ion Ratio Lower Upper
92 100
91 171.5 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)
Ion 91.00 (90.70 to 91.70): VU027314.D (-1996) (-)





#62

4-Bromofluorobenzene

Concen: 60.895 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027484.D

Acq: 06 Oct 2018 03:18

Instrument :

MSVOA_U

ClientSampled :

MW-10DL

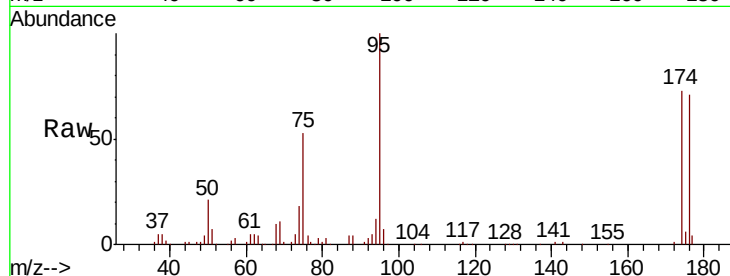
Tot Ion: 95 Resp: 107606

Ion Ratio Lower Upper

95 100

174 73.8 0.0 147.8

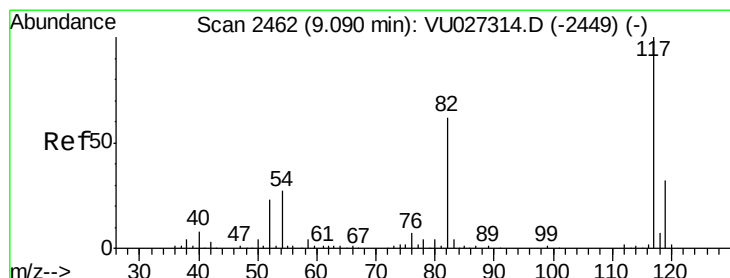
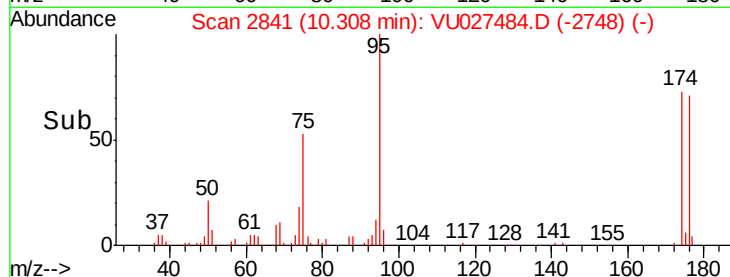
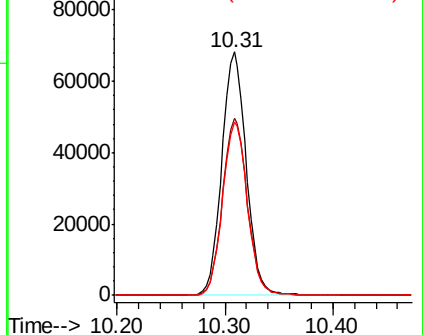
176 72.2 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VU027484.D

Acq: 06 Oct 2018 03:18

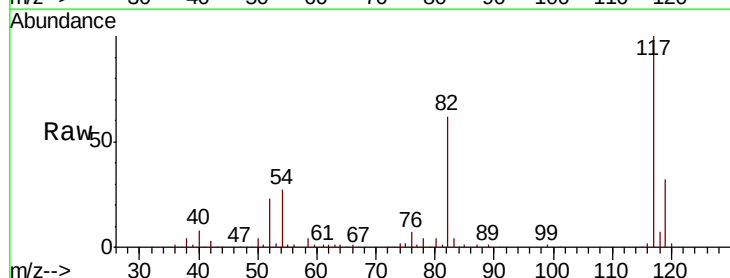
Tgt Ion: 117 Resp: 175374

Ion Ratio Lower Upper

117 100

82 62.4 49.2 73.8

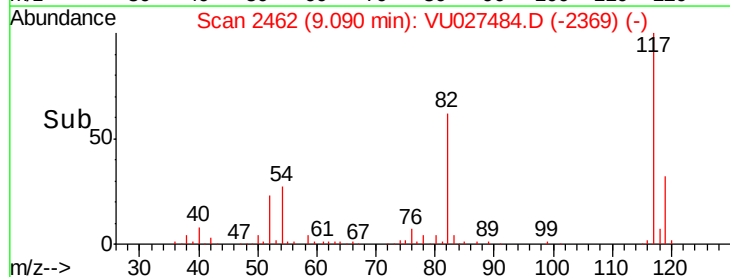
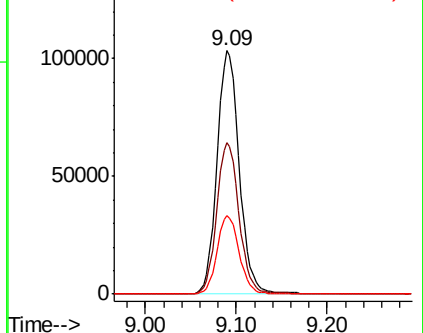
119 32.3 25.7 38.5

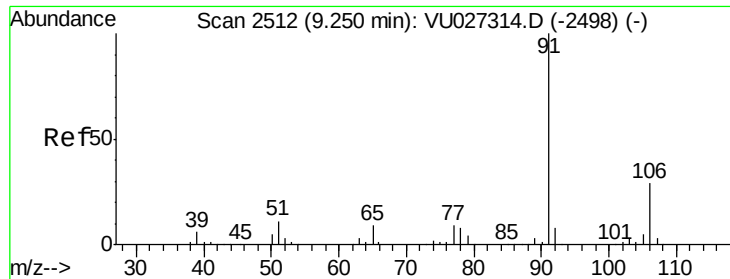


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

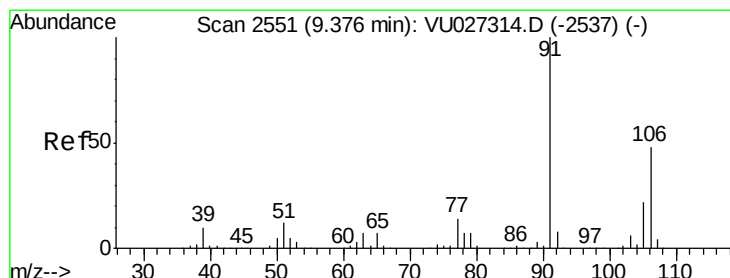
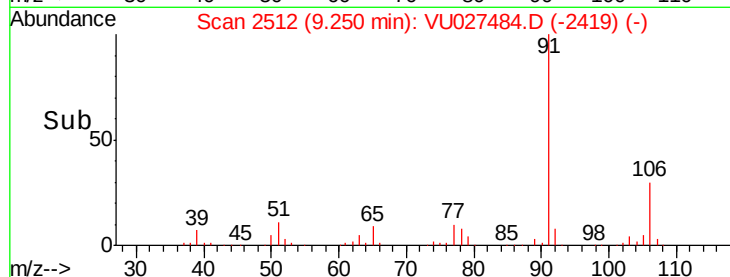
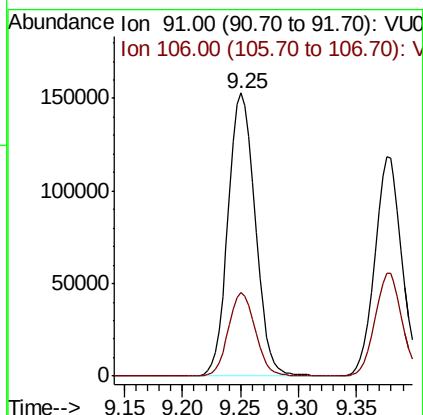
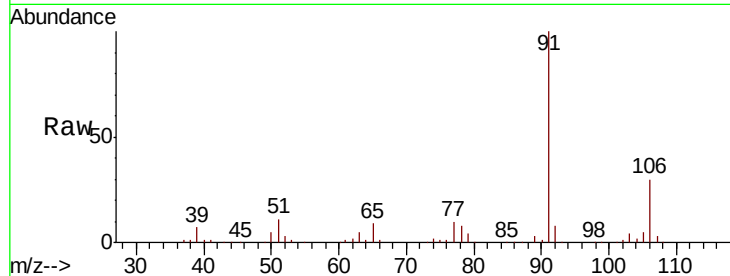




#67
Ethyl Benzene
Concen: 38.056 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

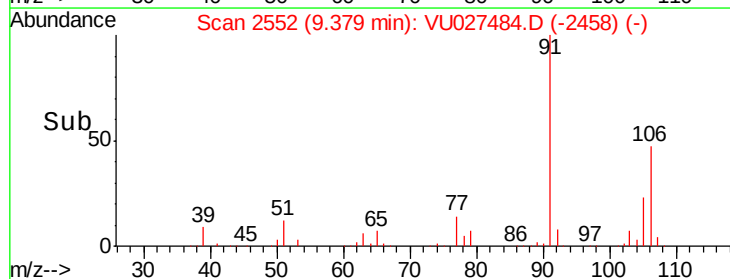
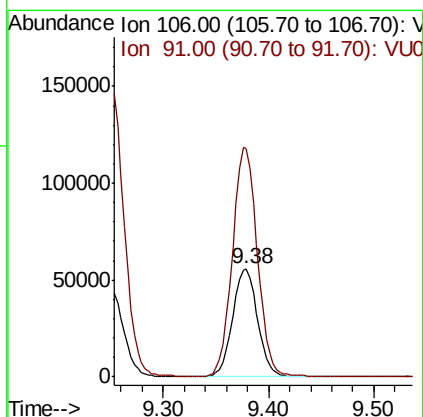
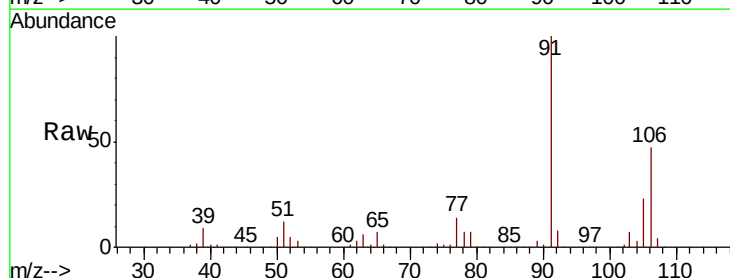
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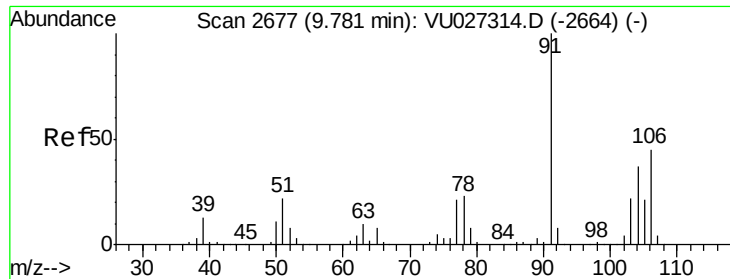
Tot Ion: 91 Resp: 248894
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 38.452 ug/l
RT: 9.38 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

Tgt Ion: 106 Resp: 91990
Ion Ratio Lower Upper
106 100
91 209.8 168.1 252.1

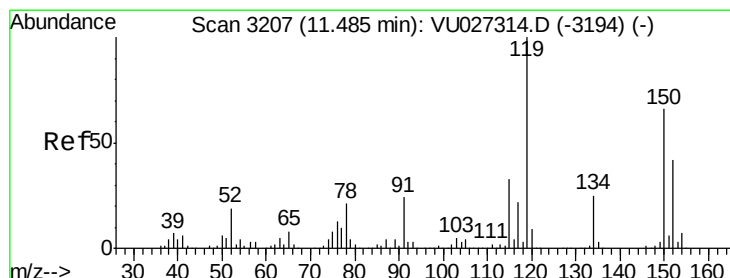
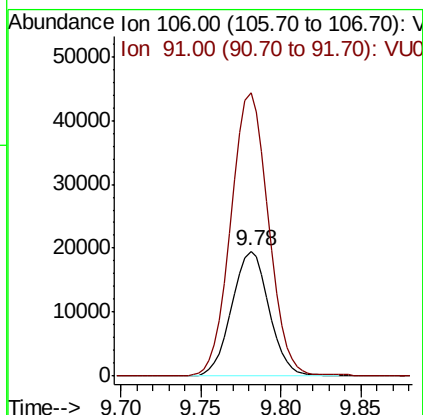
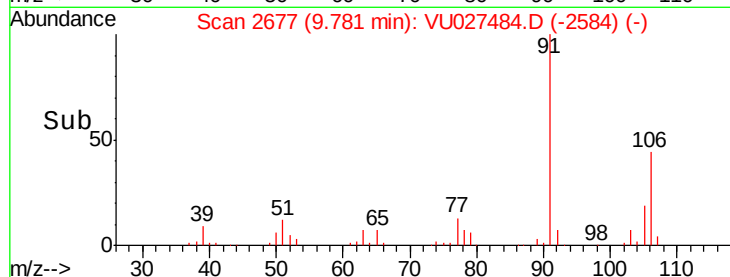
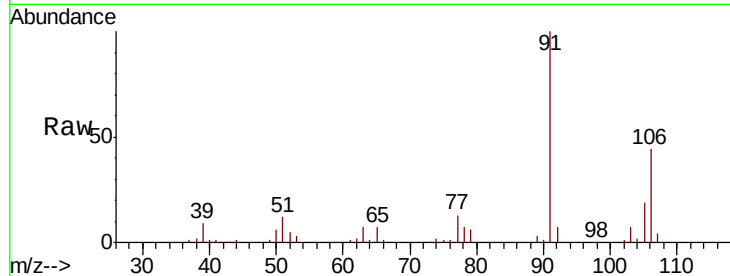




#69
o-Xylene
Concen: 13.633 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

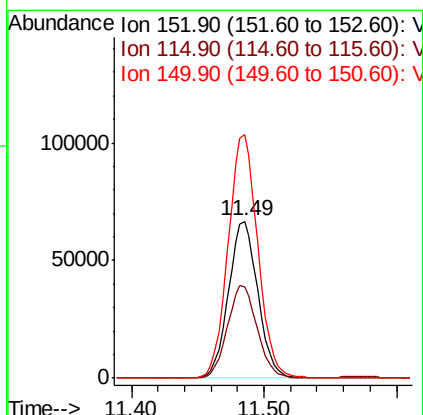
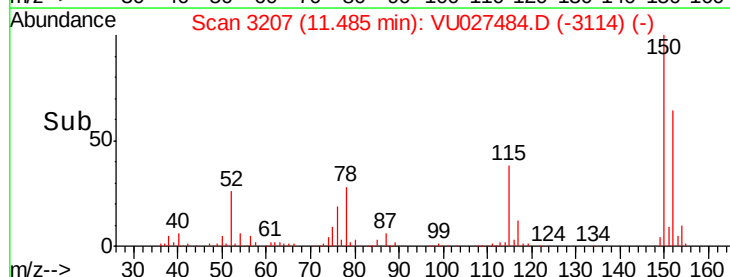
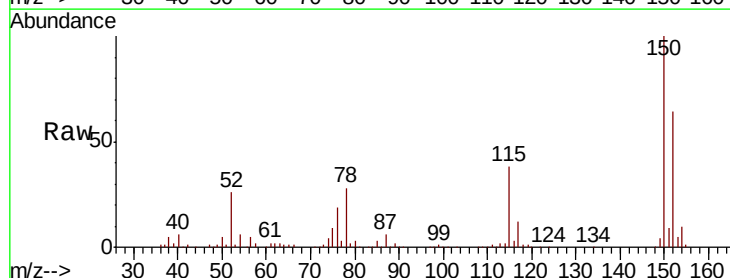
Instrument :
MSVOA_U
ClientSampleId :
MW-10DL

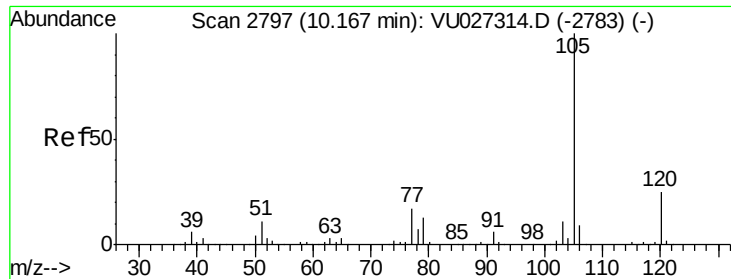
Tot Ion:106 Resp: 30994
Ion Ratio Lower Upper
106 100
91 228.1 111.7 334.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

Tgt Ion:152 Resp: 102225
Ion Ratio Lower Upper
152 100
115 59.9 43.4 130.2
150 156.7 0.0 349.2





#73

Isopropylbenzene

Concen: 1.697 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027484.D

Acq: 06 Oct 2018 03:18

Instrument :

MSVOA_U

ClientSampleId :

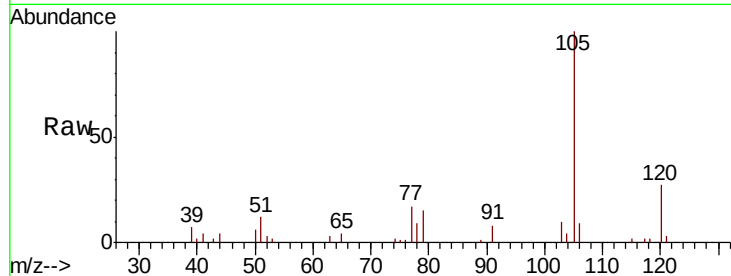
MW-10DL

Tot Ion:105 Resp: 12598

Ion Ratio Lower Upper

105 100

120 26.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.17

8000

6000

4000

2000

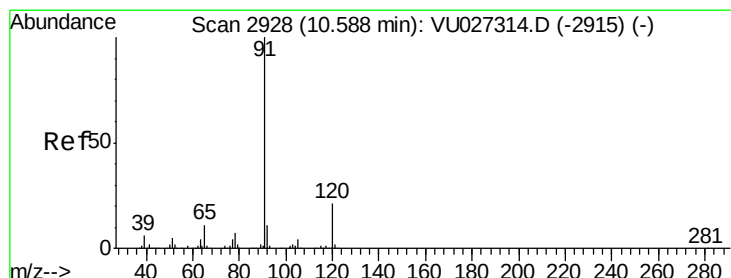
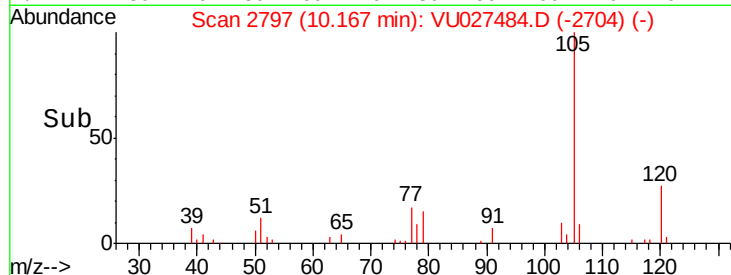
0

Time-->

10.10

10.15

10.20



#78

n-propylbenzene

Concen: 3.814 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027484.D

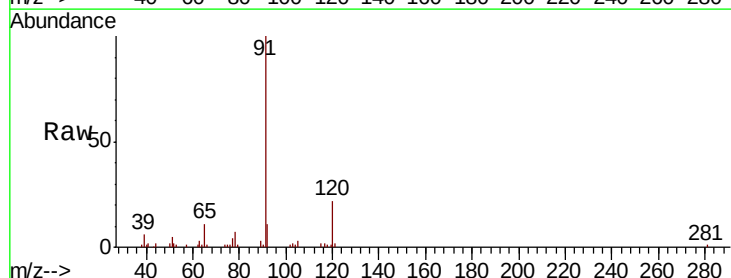
Acq: 06 Oct 2018 03:18

Tgt Ion: 91 Resp: 34022

Ion Ratio Lower Upper

91 100

120 21.0 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

25000

20000

15000

10000

5000

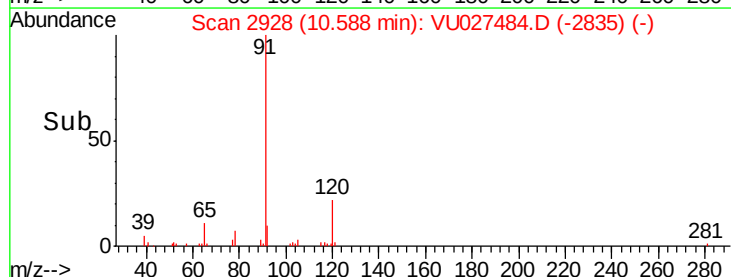
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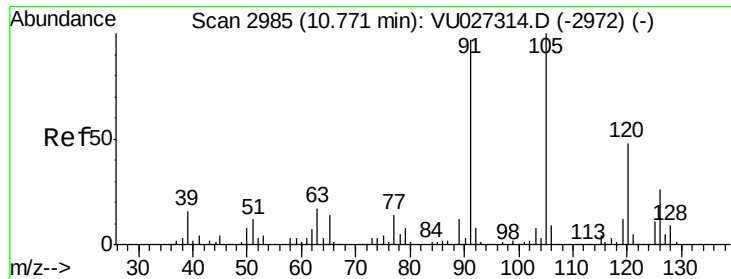
Time-->

10.55

10.60

10.65

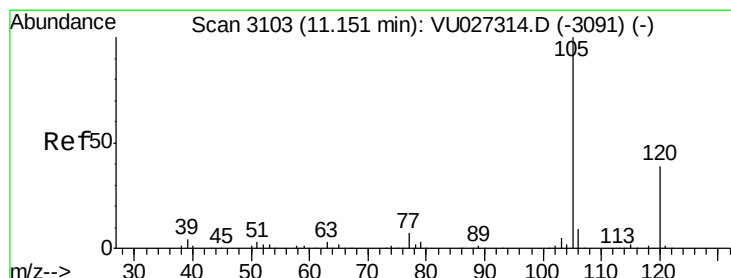
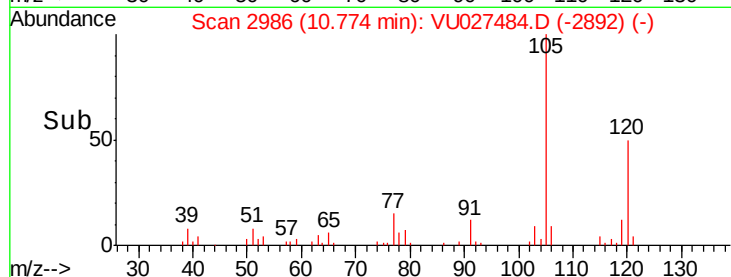
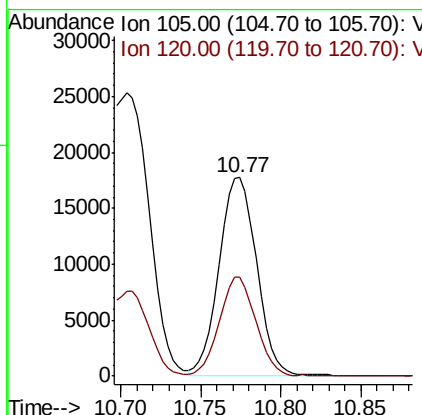
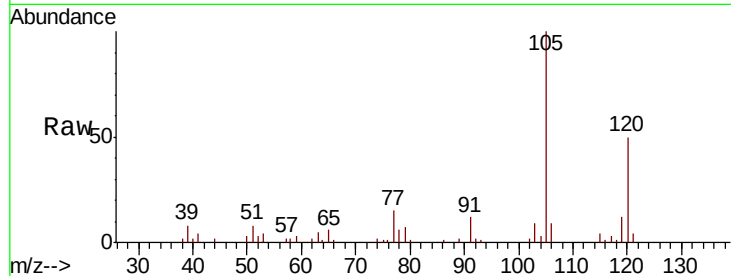




#80
 1,3,5-Trimethylbenzene
 Concen: 4.751 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027484.D
 Acq: 06 Oct 2018 03:18

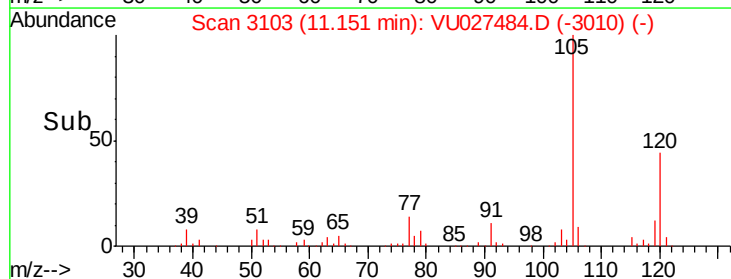
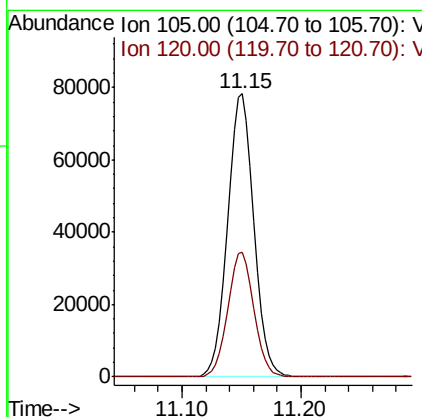
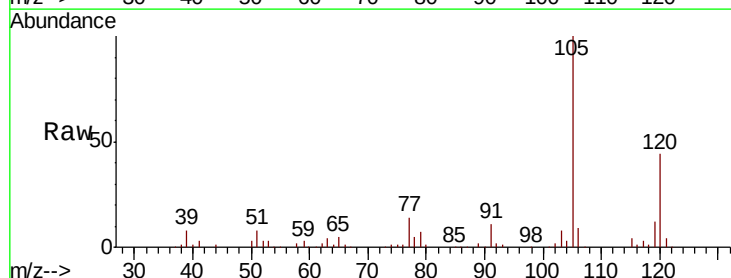
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10DL

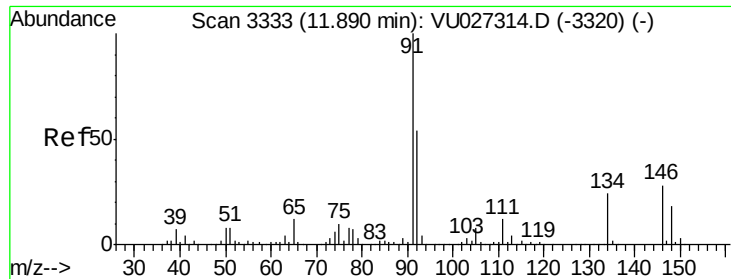
Tot Ion:105 Resp: 28718
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.343 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027484.D
 Acq: 06 Oct 2018 03:18

Tgt Ion:105 Resp: 119433
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.5

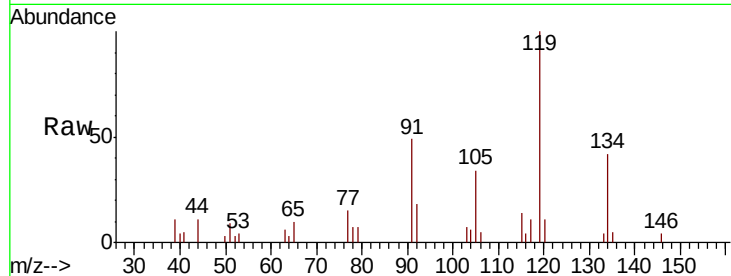




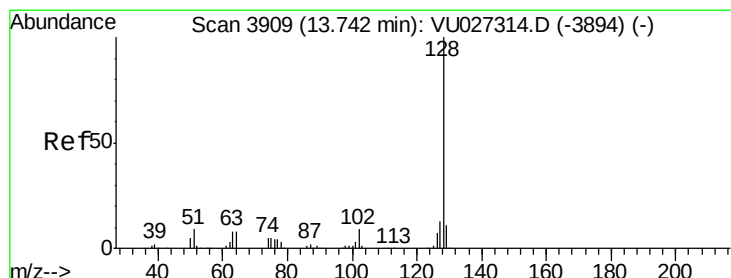
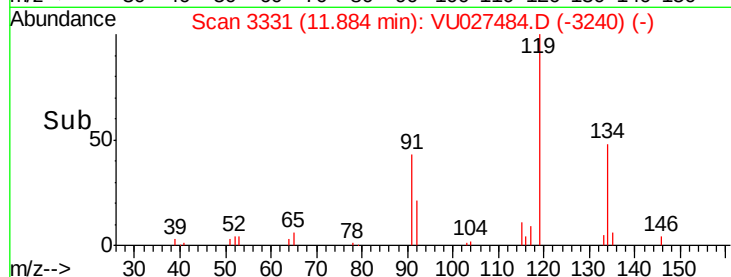
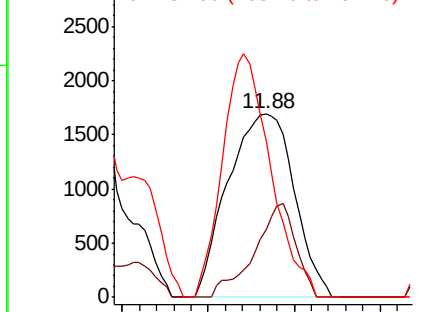
#89
n-Butylbenzene
Concen: 2.600 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.01 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

Instrument :
MSVOA_U
ClientSampleId :
MW-10DL

Tot Ion: 91 Resp: 4529
Ion Ratio Lower Upper
91 100
92 31.8 27.0 81.0
134 0.0 11.7 35.1#

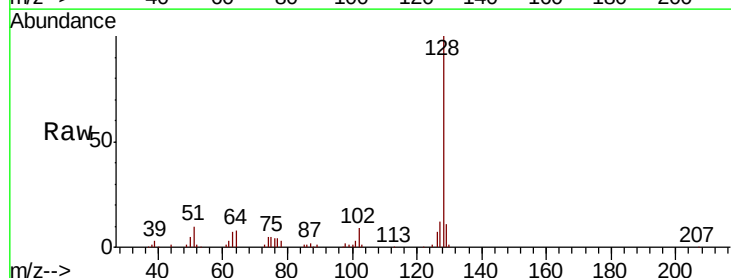


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V



#95
Naphthalene
Concen: 14.258 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027484.D
Acq: 06 Oct 2018 03:18

Tgt Ion: 128 Resp: 100711
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.2 8.6 12.8



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

