

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028732.D
 Acq On : 17 Dec 2018 19:56
 Operator : MD/SY
 Sample : J6440-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMP-4

Quant Time: Dec 18 07:01:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

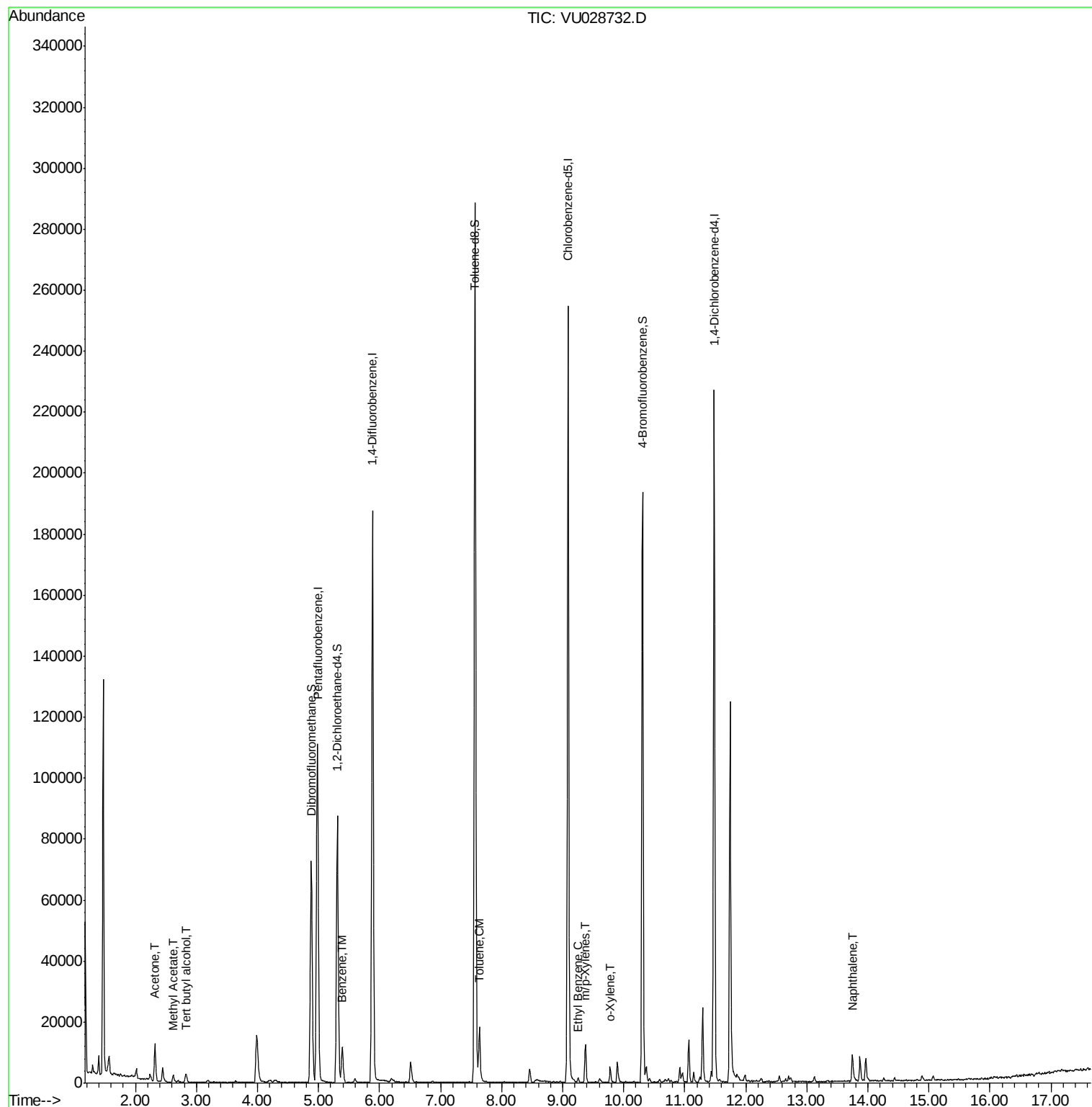
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	84461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	149166	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	55415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	66996	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	4.88	113	51074	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
50) Toluene-d8	7.57	98	189761	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	10.31	95	64620	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.83	59	3298	11.485	ug/l #	83
16) Acetone	2.32	43	12974	15.425	ug/l	93
18) Methyl Acetate	2.62	43	3054	1.401	ug/l #	87
40) Benzene	5.39	78	11544	2.401	ug/l	92
52) Toluene	7.64	92	7037	2.487	ug/l	95
67) Ethyl Benzene	9.25	91	1733	0.331	ug/l	100
68) m/p-Xylenes	9.37	106	3522	1.848	ug/l	93
69) o-Xylene	9.78	106	1391	0.751	ug/l	90
95) Naphthalene	13.75	128	7261	1.611	ug/l	95

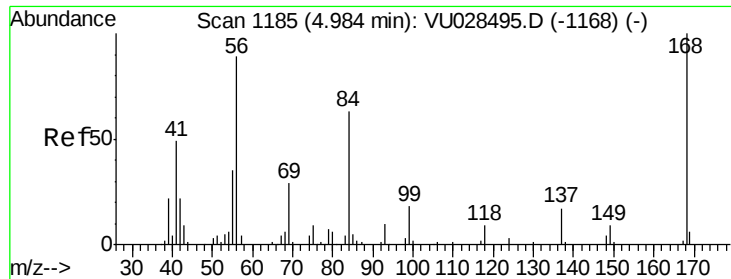
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028732.D

Acq: 17 Dec 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

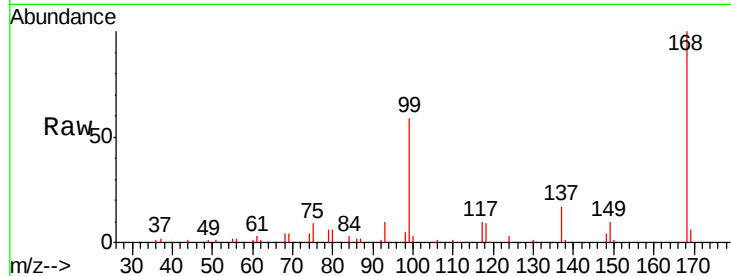
COMP-4

Tgt Ion:168 Resp: 84461

Ion Ratio Lower Upper

168 100

99 59.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D

Ion 98.90 (98.60 to 99.60): VU028495.D

4.98

40000

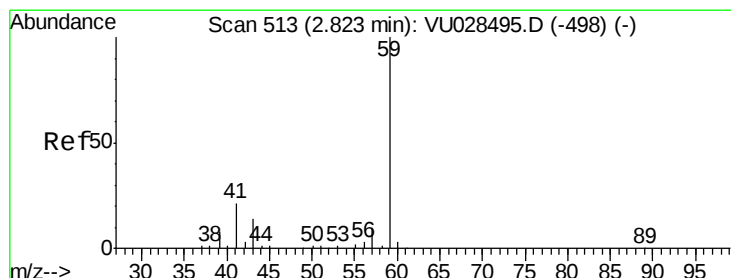
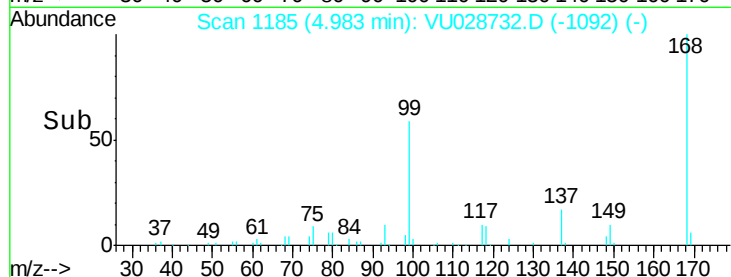
30000

20000

10000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.485 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.01 min

Lab File: VU028732.D

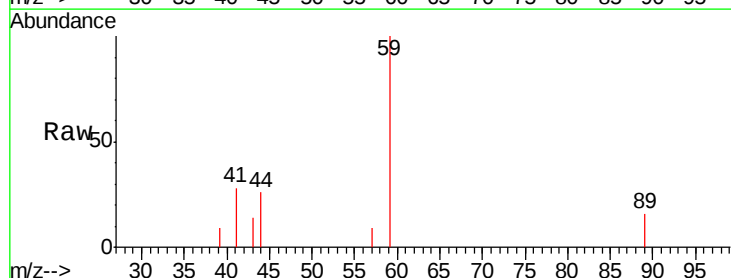
Acq: 17 Dec 2018 19:56

Tgt Ion: 59 Resp: 3298

Ion Ratio Lower Upper

59 100

57 3.8 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU028495.D

Ion 57.00 (56.70 to 57.70): VU028495.D

2.83

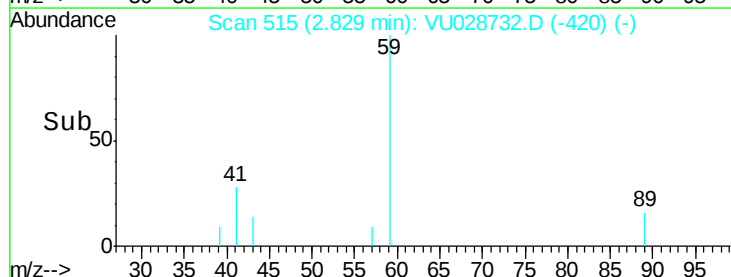
1500

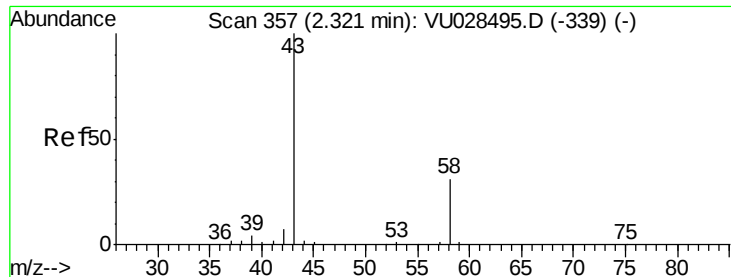
1000

500

0

Time-->





#16

Acetone

Concen: 15.425 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028732.D

Acq: 17 Dec 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

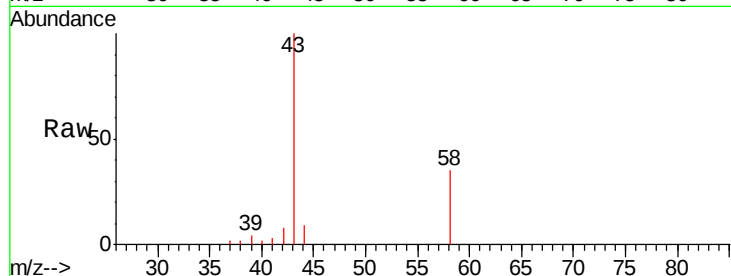
COMP-4

Tgt Ion: 43 Resp: 12974

Ion Ratio Lower Upper

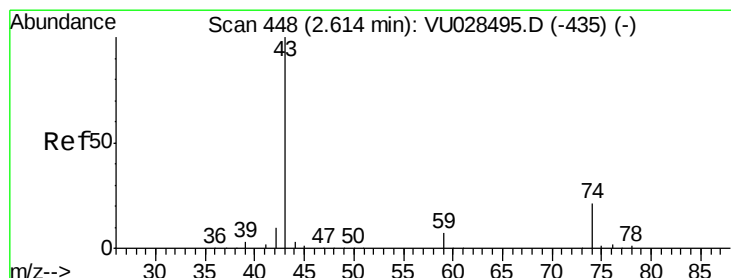
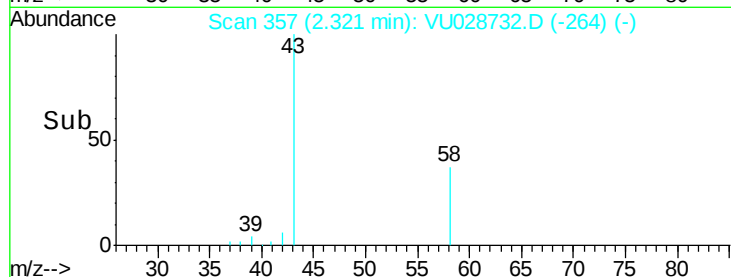
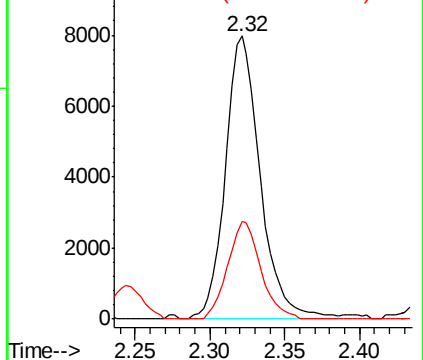
43 100

58 34.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 1.401 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.01 min

Lab File: VU028732.D

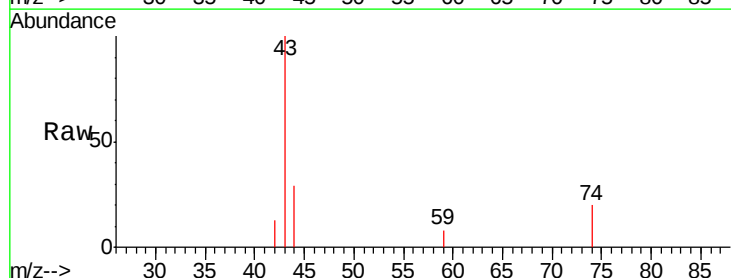
Acq: 17 Dec 2018 19:56

Tgt Ion: 43 Resp: 3054

Ion Ratio Lower Upper

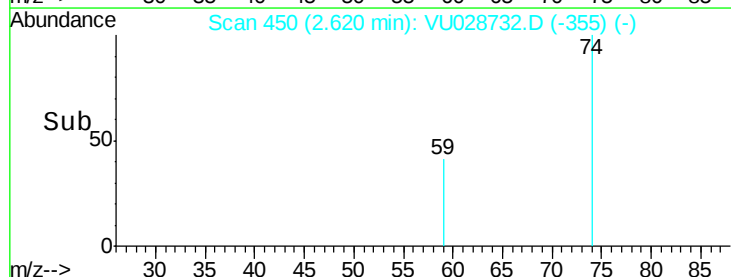
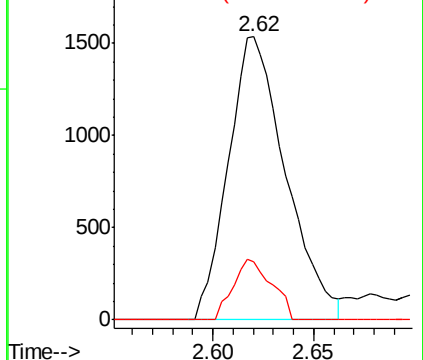
43 100

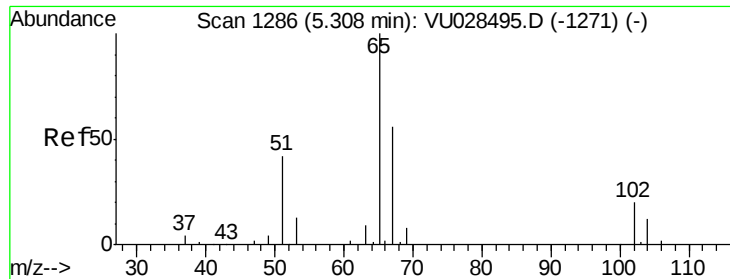
74 14.4 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

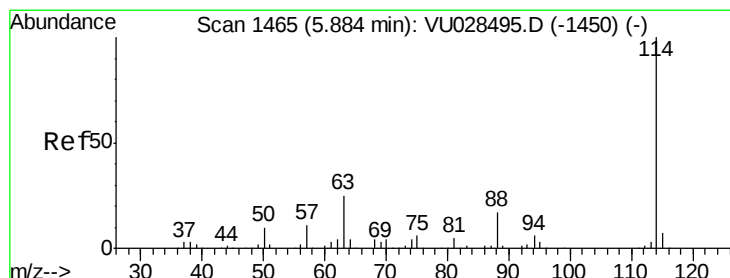
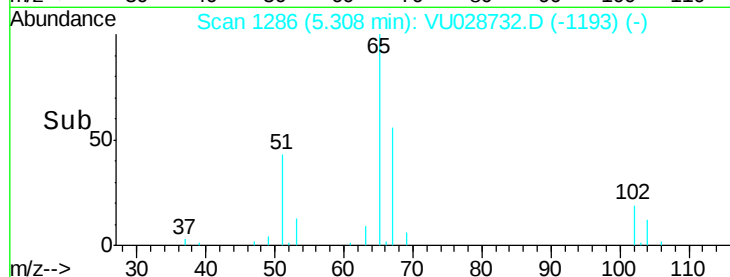
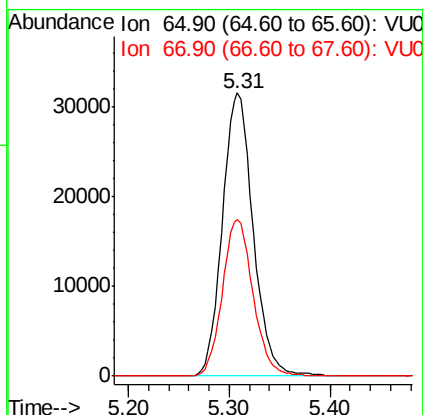
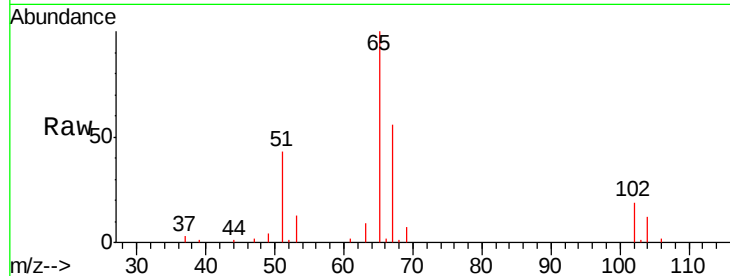




#33
 1,2-Dichloroethane-d4
 Concen: 51.978 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028732.D
 Acq: 17 Dec 2018 19:56

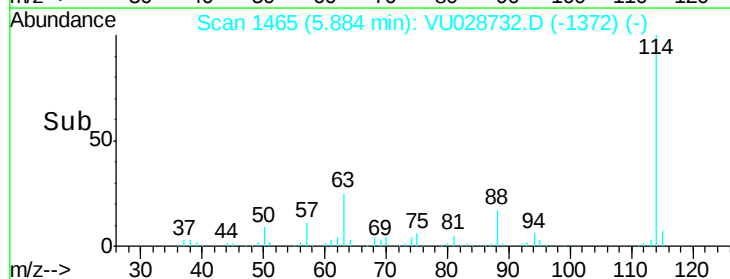
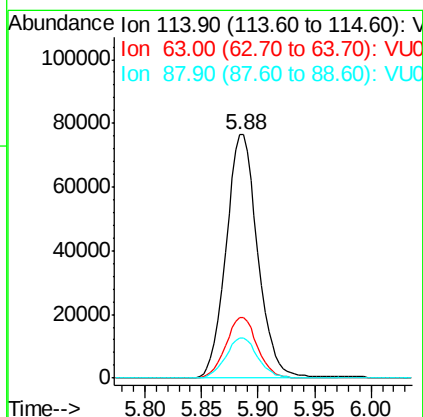
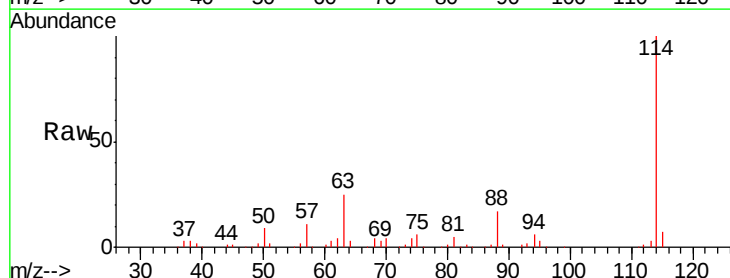
Instrument :
 MSVOA_U
 ClientSampleId :
 COMP-4

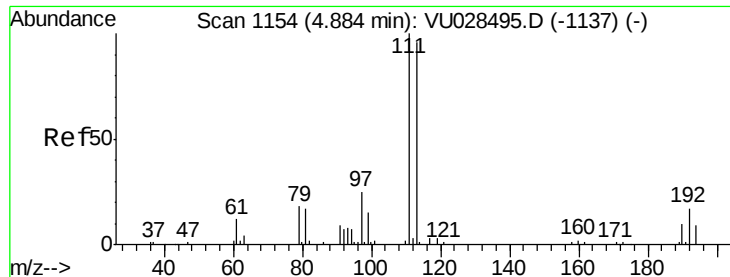
Tgt Ion: 65 Resp: 66996
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028732.D
 Acq: 17 Dec 2018 19:56

Tgt Ion: 114 Resp: 149166
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.409 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028732.D

Acq: 17 Dec 2018 19:56

Instrument :

MSVOA_U

ClientSampleId :

COMP-4

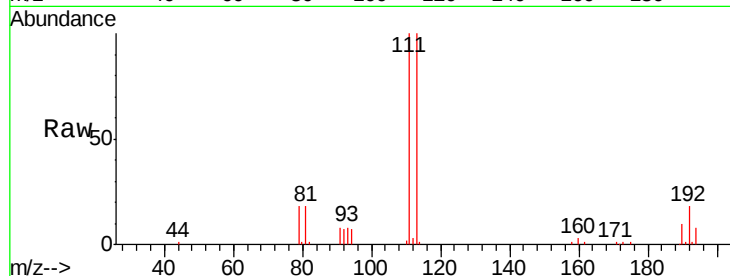
Tgt Ion:113 Resp: 51074

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

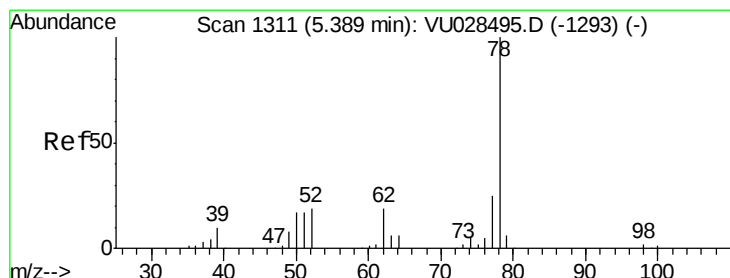
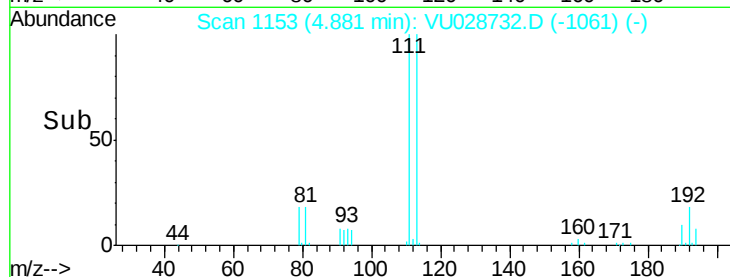
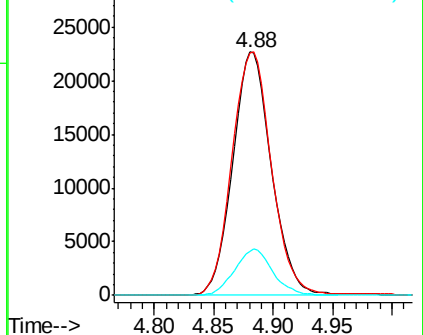
192 18.7 14.8 22.2



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



#40

Benzene

Concen: 2.401 ug/l

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028732.D

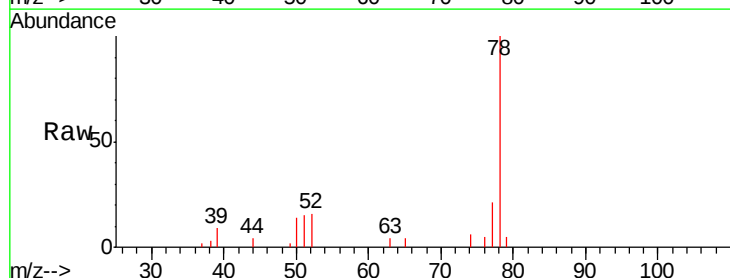
Acq: 17 Dec 2018 19:56

Tgt Ion: 78 Resp: 11544

Ion Ratio Lower Upper

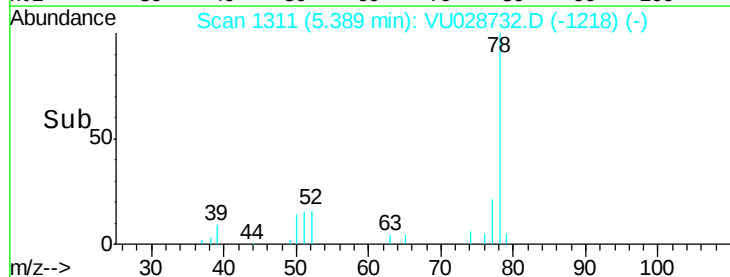
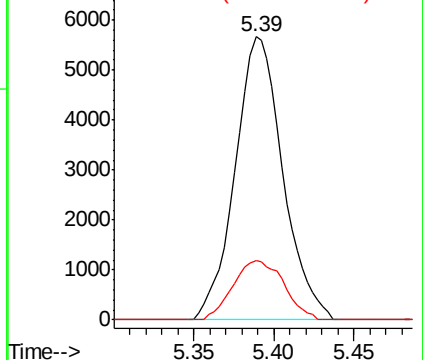
78 100

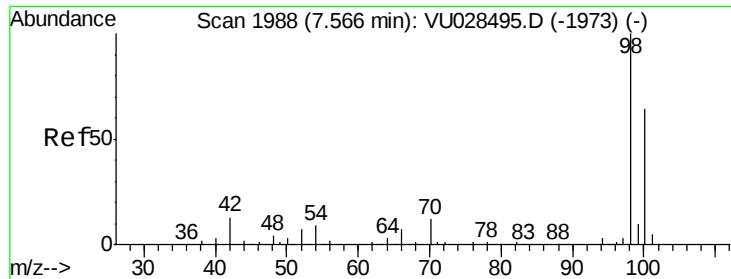
77 21.1 19.9 29.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

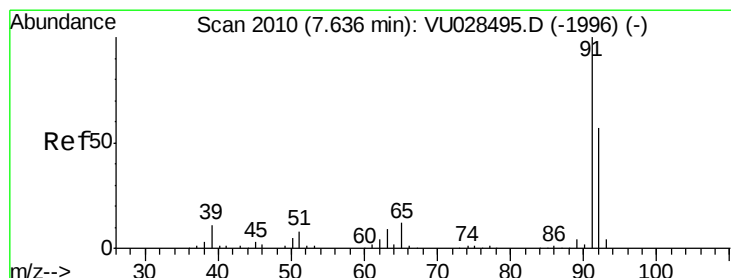
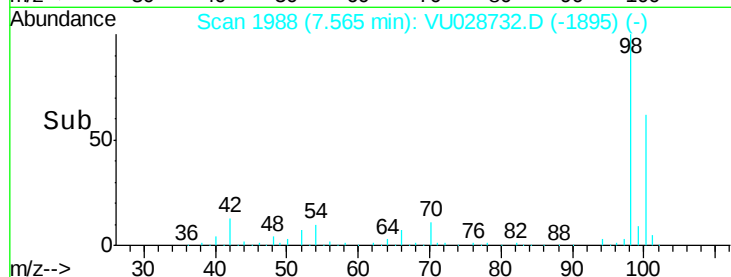
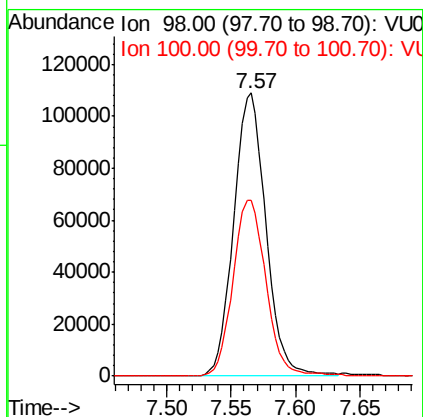
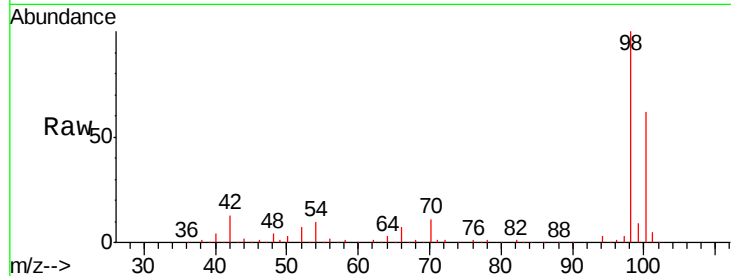




#50
Toluene-d8
Concen: 51.102 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028732.D
Acq: 17 Dec 2018 19:56

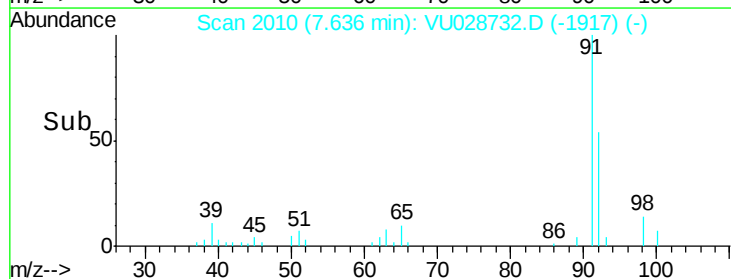
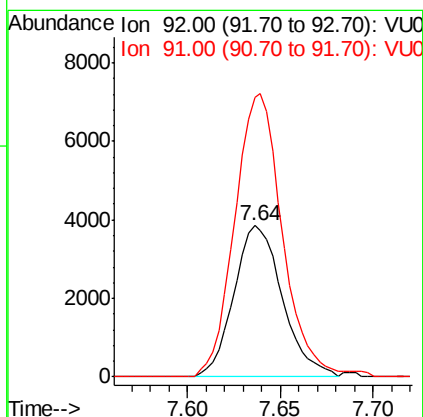
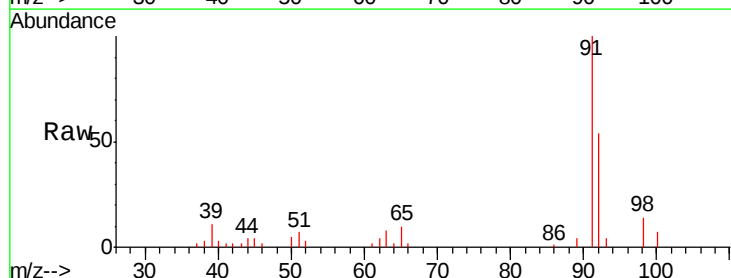
Instrument :
MSVOA_U
ClientSampleId :
COMP-4

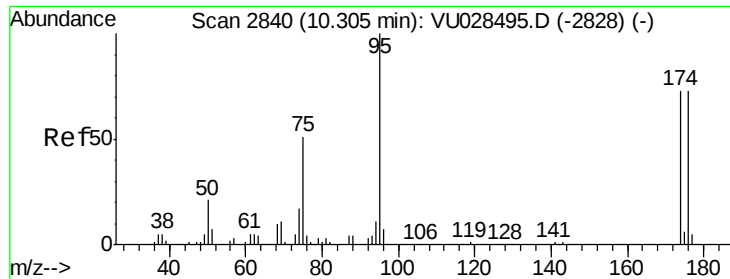
Tgt Ion: 98 Resp: 189761
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6



#52
Toluene
Concen: 2.487 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028732.D
Acq: 17 Dec 2018 19:56

Tgt Ion: 92 Resp: 7037
Ion Ratio Lower Upper
92 100
91 182.3 140.2 210.4





#62

4-Bromofluorobenzene

Concen: 46.559 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU028732.D

Acq: 17 Dec 2018 19:56

Instrument :

MSVOA_U

ClientSampled :

COMP-4

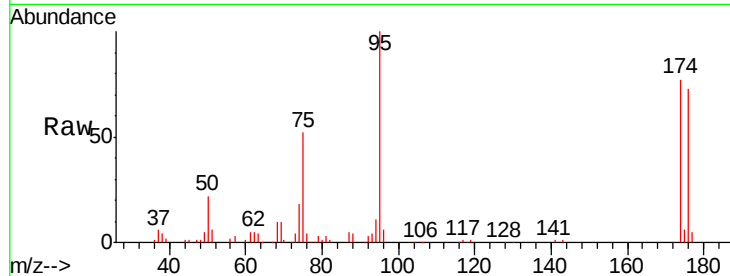
Tgt Ion: 95 Resp: 64620

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

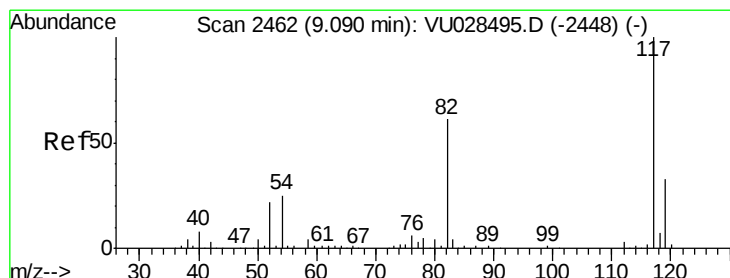
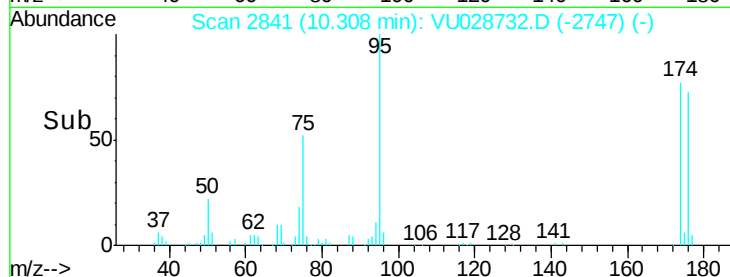
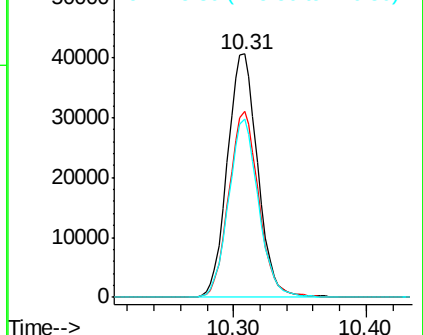
176 72.1 0.0 145.2



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: VU028732.D

Acq: 17 Dec 2018 19:56

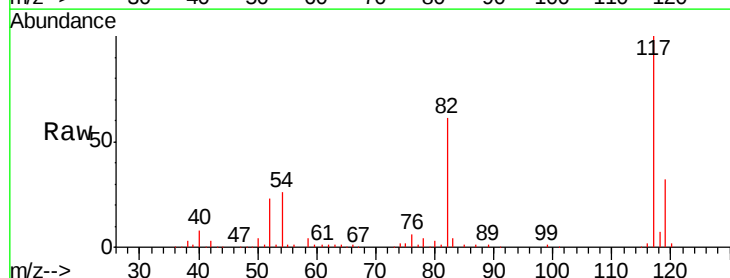
Tgt Ion: 117 Resp: 133723

Ion Ratio Lower Upper

117 100

82 60.6 48.9 73.3

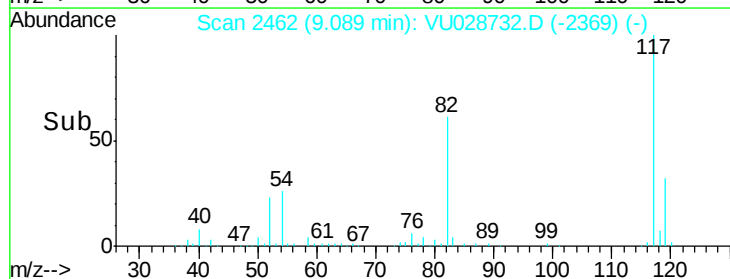
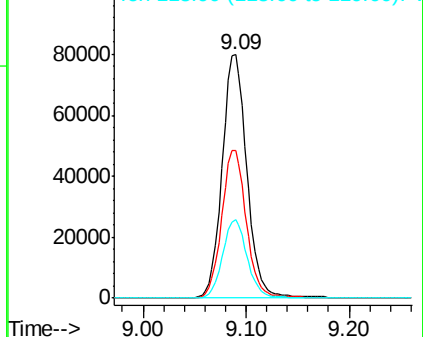
119 32.3 26.2 39.4

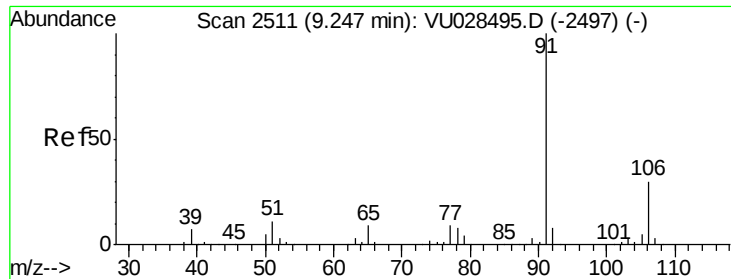


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V

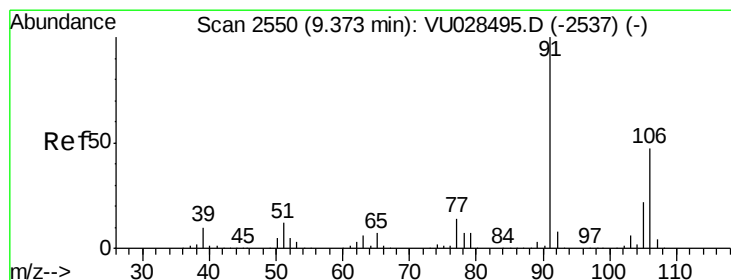
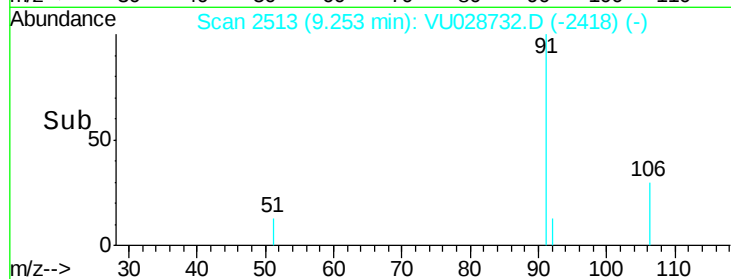
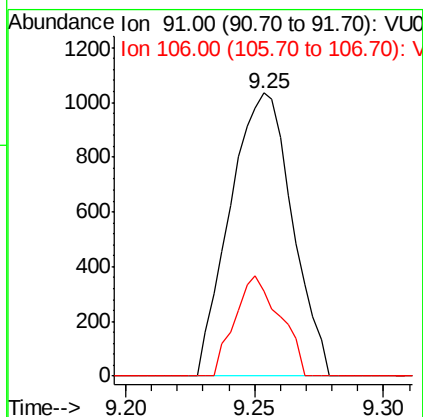
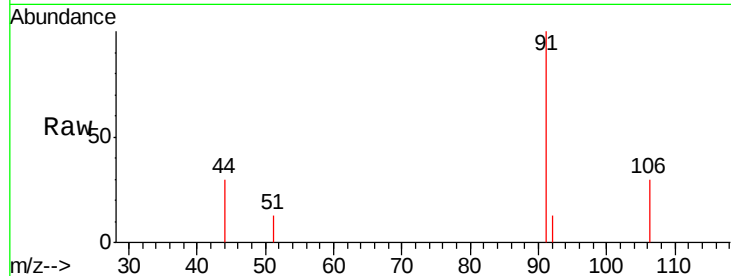




#67
Ethyl Benzene
Concen: 0.331 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU028732.D
Acq: 17 Dec 2018 19:56

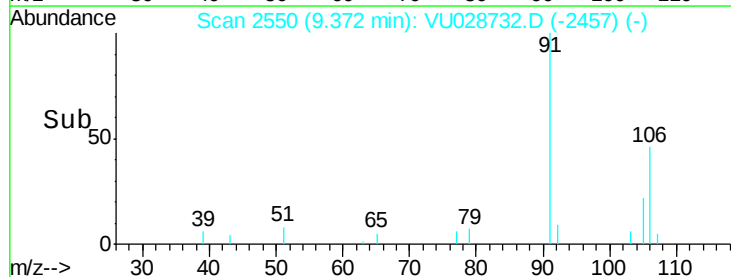
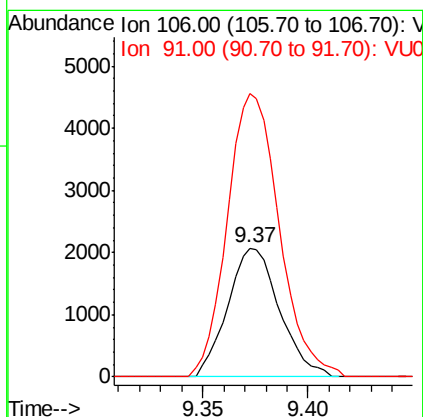
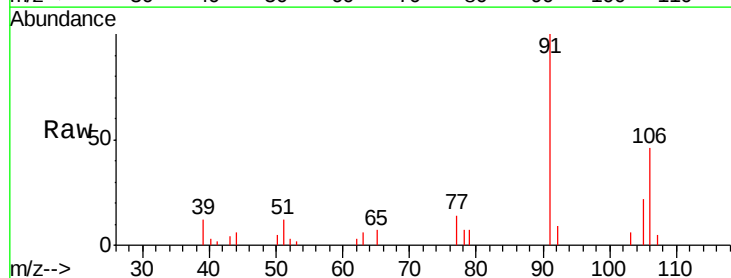
Instrument :
MSVOA_U
ClientSampleId :
COMP-4

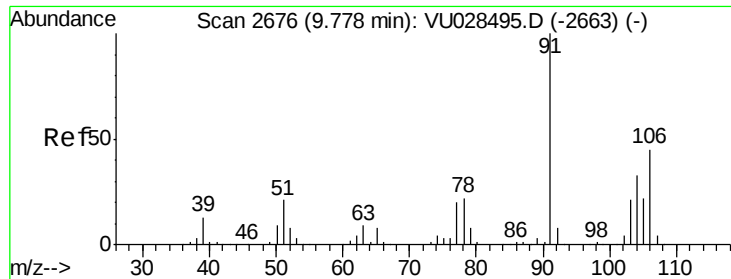
Tgt Ion: 91 Resp: 1733
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1



#68
m/p-Xylenes
Concen: 1.848 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028732.D
Acq: 17 Dec 2018 19:56

Tgt Ion: 106 Resp: 3522
Ion Ratio Lower Upper
106 100
91 220.8 167.4 251.0

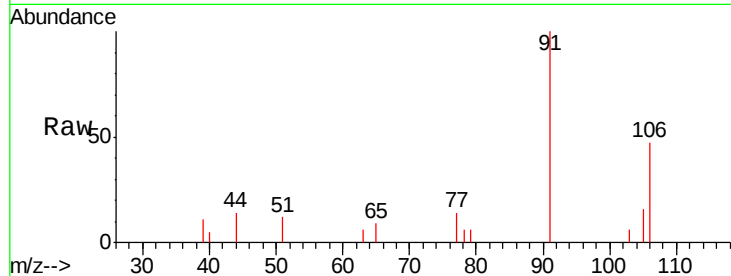




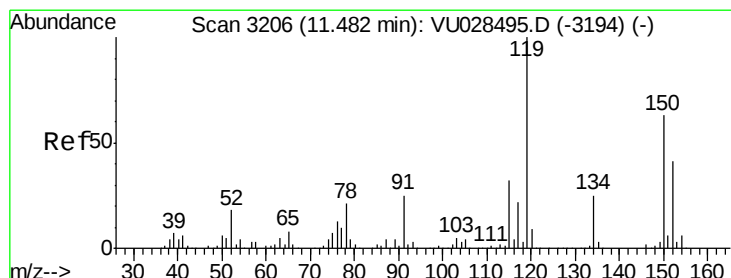
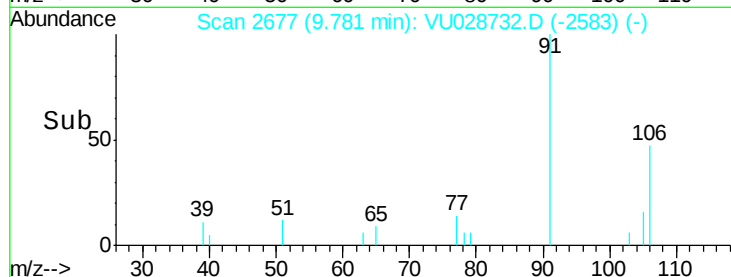
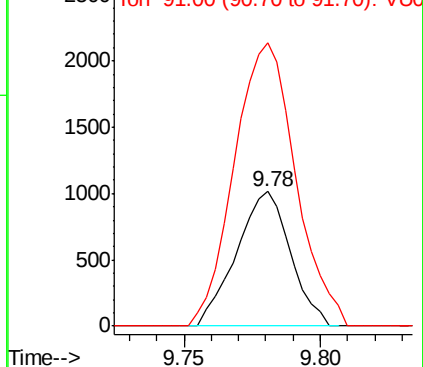
#69
o-Xylene
Concen: 0.751 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028732.D
Acq: 17 Dec 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
COMP-4

Tgt Ion:106 Resp: 1391
Ion Ratio Lower Upper
106 100
91 239.5 111.3 334.0

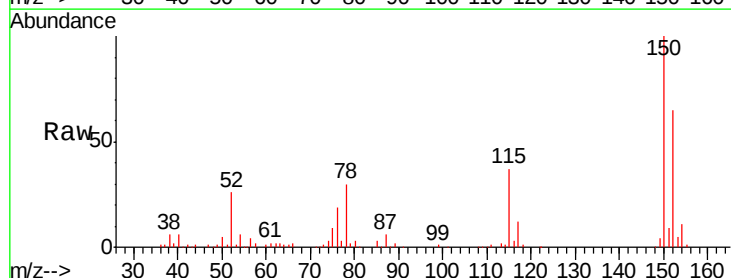


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

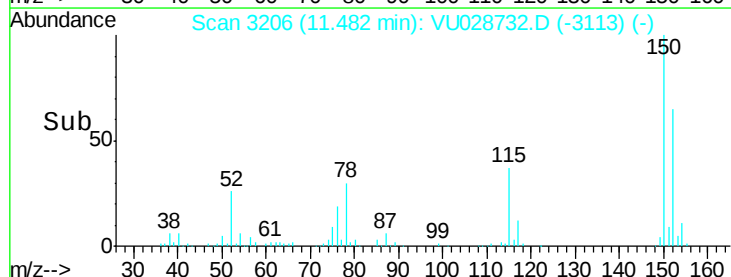
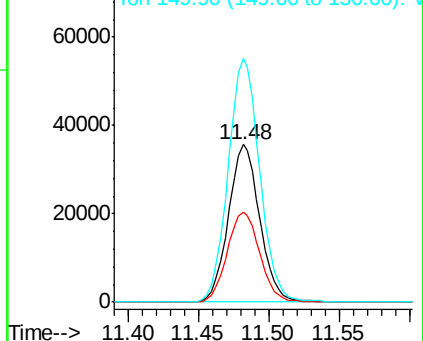


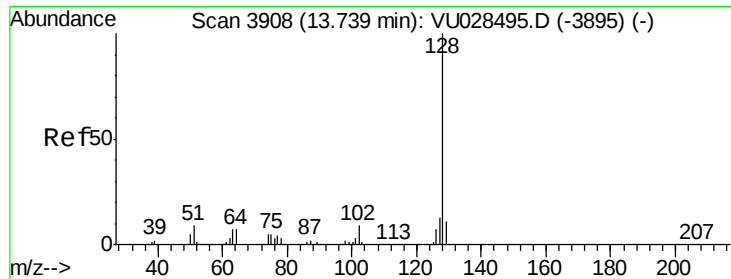
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028732.D
Acq: 17 Dec 2018 19:56

Tgt Ion:152 Resp: 55415
Ion Ratio Lower Upper
152 100
115 59.5 42.7 128.1
150 156.0 0.0 346.0



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





#95
Naphthalene
Concen: 1.611 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.01 min
Lab File: VU028732.D
Acq: 17 Dec 2018 19:56

Instrument :
MSVOA_U
ClientSampleId :
COMP-4

Tgt Ion	Ratio	Lower	Upper
128	100		
127	10.6	10.4	15.6
129	9.5	8.6	13.0

