

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028692.D
 Acq On : 14 Dec 2018 18:51
 Operator : MD/SY
 Sample : J6393-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10A_R1

Quant Time: Dec 15 01:15:00 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

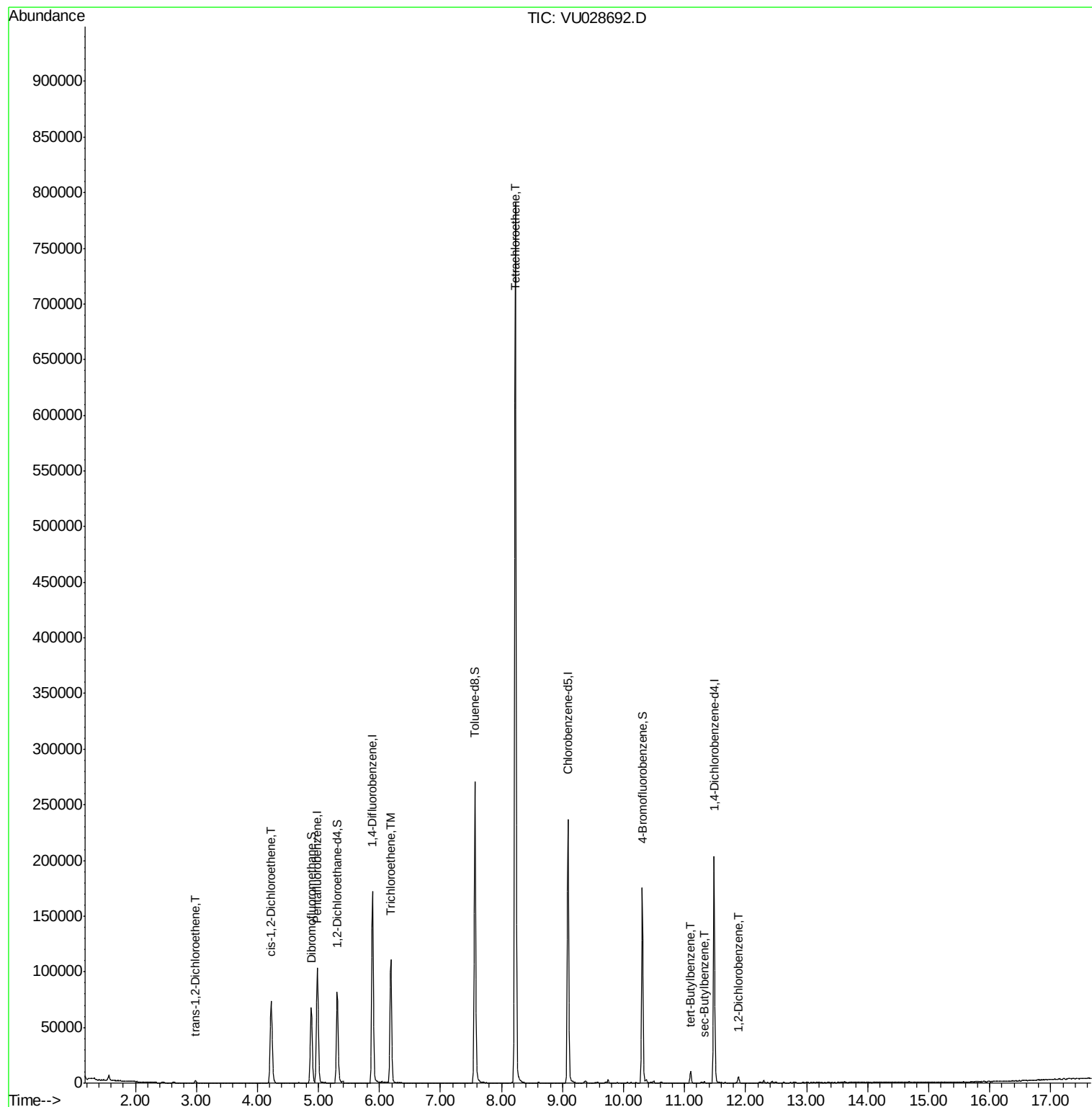
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	75725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	138012	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	124113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	49318	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	63129	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
35) Dibromofluoromethane	4.88	113	46804	53.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.78%	
50) Toluene-d8	7.57	98	176339	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	10.31	95	57931	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
21) trans-1,2-Dichloroethene	2.98	96	878	0.925	ug/l	96
27) cis-1,2-Dichloroethene	4.22	96	39417	36.686	ug/l	89
44) Trichloroethene	6.19	130	36455	36.860	ug/l	98
64) Tetrachloroethene	8.22	164	170260	205.662	ug/l	98
83) tert-Butylbenzene	11.10	119	4436	1.469	ug/l	79
85) sec-Butylbenzene	11.32	105	960	0.247	ug/l #	79
91) 1,2-Dichlorobenzene	11.88	146	2760	1.651	ug/l	97

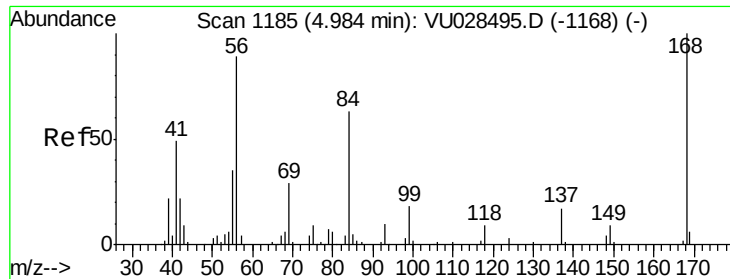
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
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Quant Title : SW846 8260
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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: VU028692.D

Acq: 14 Dec 2018 18:51

Instrument :

MSVOA_U

ClientSampleId :

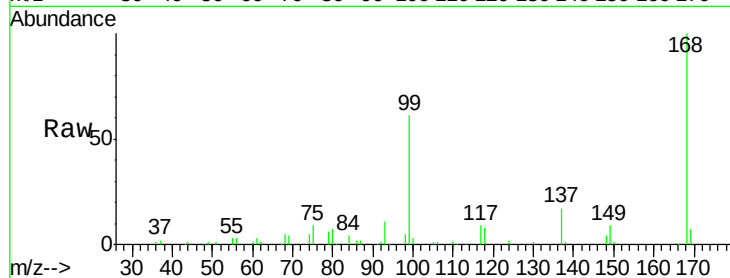
MW-10A_R1

Tgt Ion:168 Resp: 75725

Ion Ratio Lower Upper

168 100

99 60.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

30000

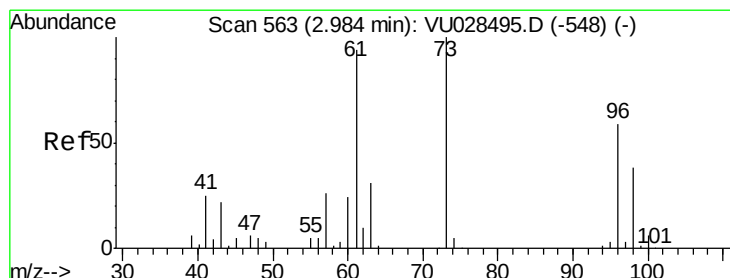
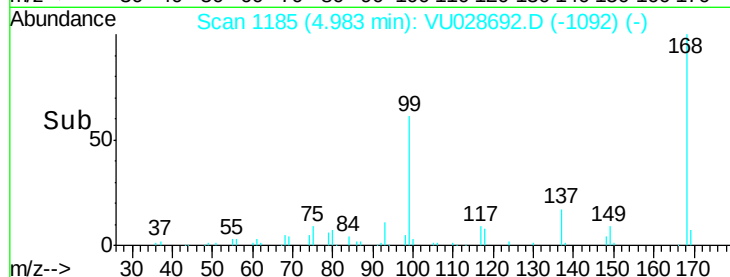
20000

10000

0

4.90 5.00 5.10

Time-->



#21

trans-1,2-Dichloroethene

Concen: 0.925 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028692.D

Acq: 14 Dec 2018 18:51

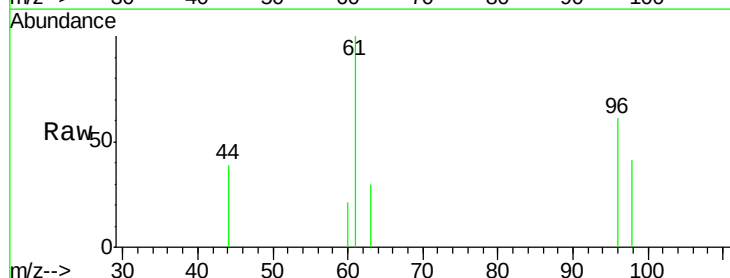
Tgt Ion: 96 Resp: 878

Ion Ratio Lower Upper

96 100

61 164.5 127.0 190.4

98 67.7 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VU028495.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU028495.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU028495.D (-548) (-)

2.98

1200

1000

800

600

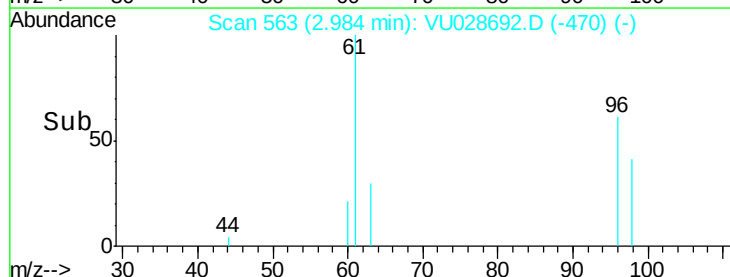
400

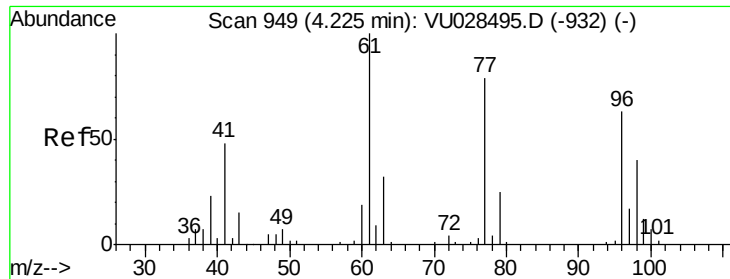
200

0

2.95 3.00

Time-->



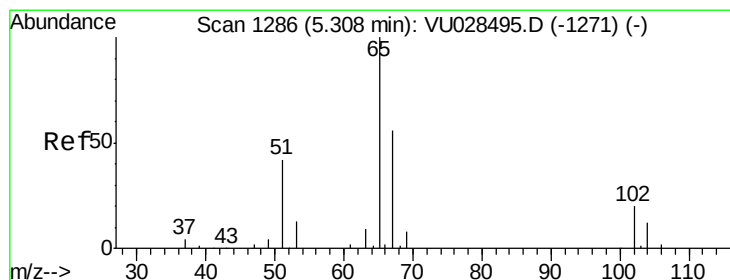
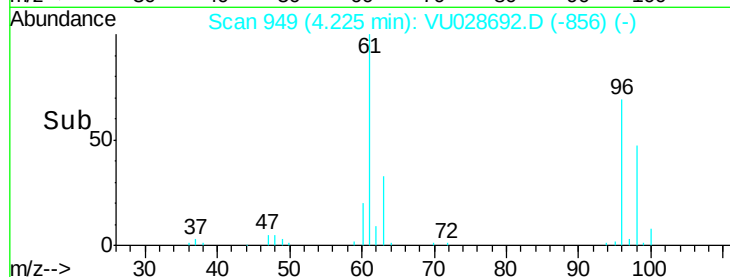
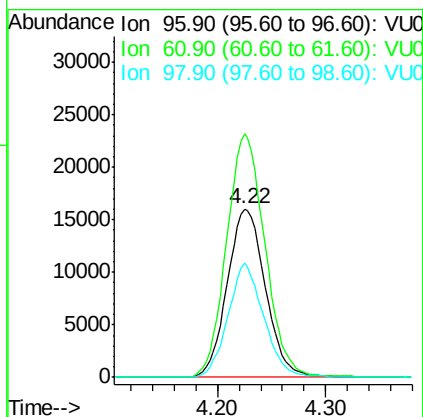
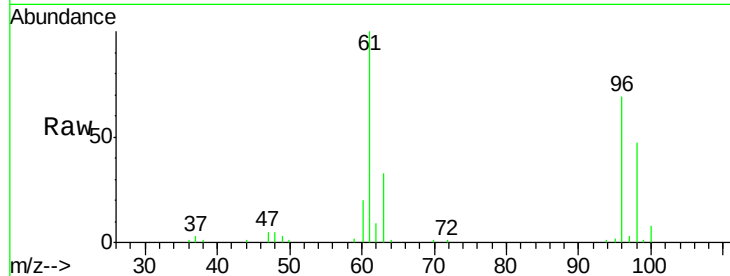


#27

cis-1,2-Dichloroethene
 Concen: 36.686 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028692.D
 Acq: 14 Dec 2018 18:51

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10A_R1

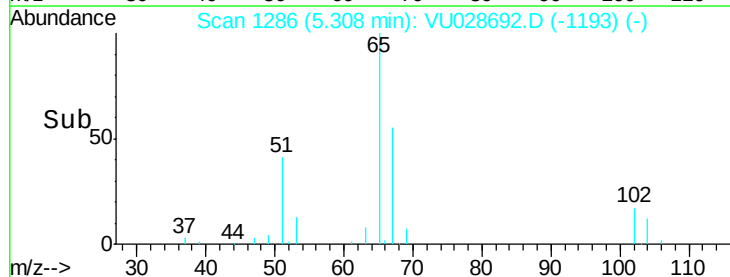
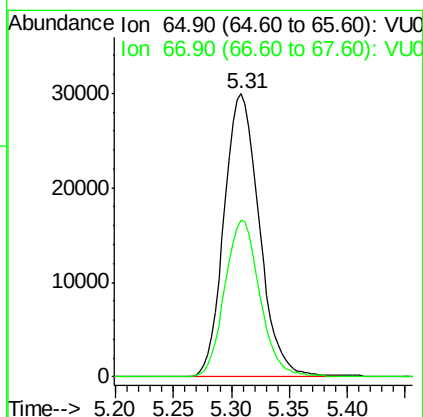
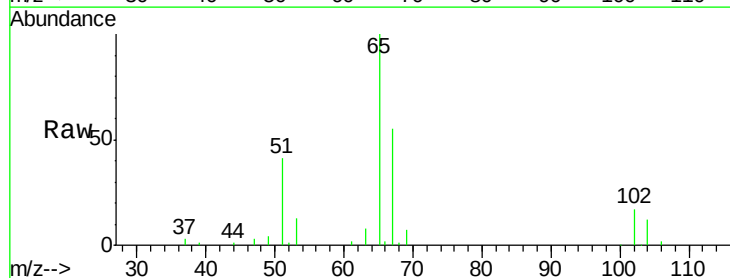
Tgt Ion: 96 Resp: 39417
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 332.4
 98 63.6 0.0 129.0

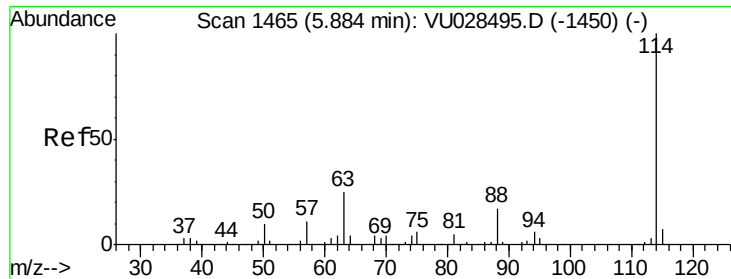


#33

1,2-Dichloroethane-d4
 Concen: 54.628 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028692.D
 Acq: 14 Dec 2018 18:51

Tgt Ion: 65 Resp: 63129
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.6

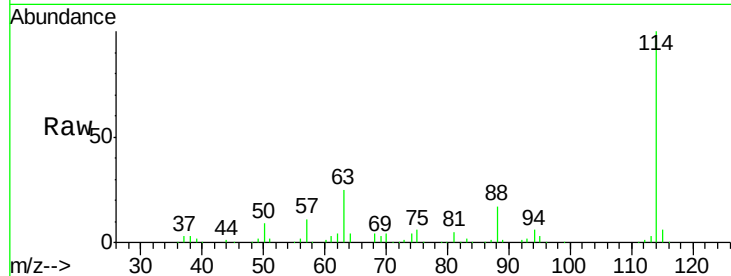




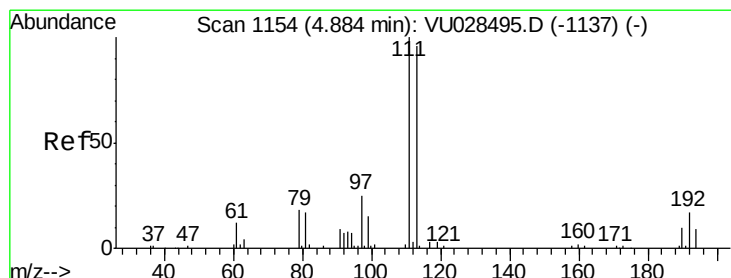
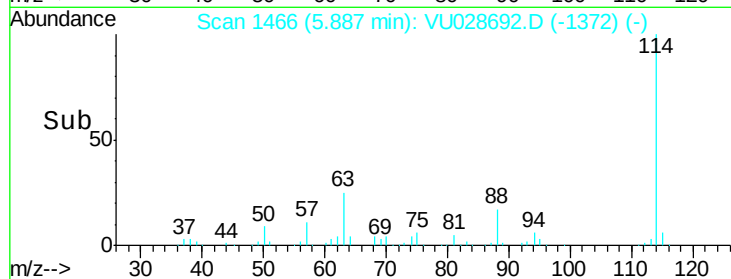
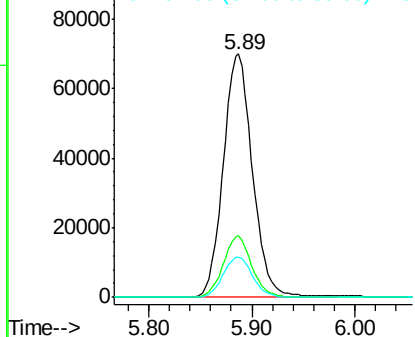
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028692.D
 Acq: 14 Dec 2018 18:51

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10A_R1

Tgt Ion:114 Resp: 138012
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.2
 88 16.6 0.0 33.4

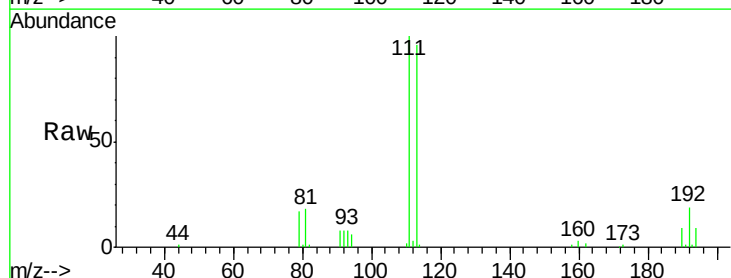


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

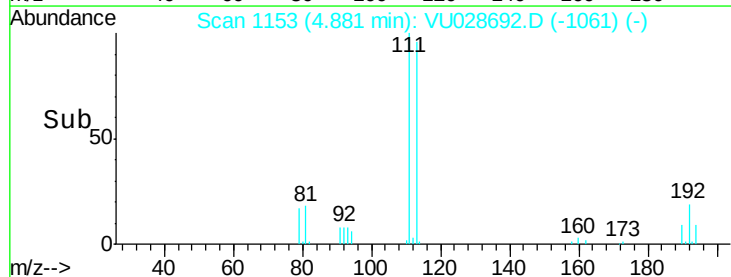
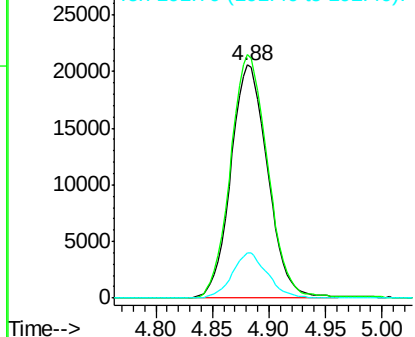


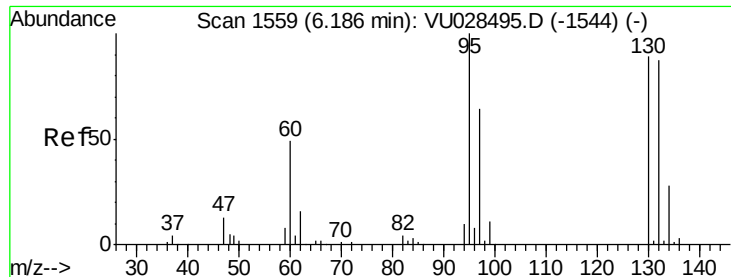
#35
 Dibromofluoromethane
 Concen: 53.889 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028692.D
 Acq: 14 Dec 2018 18:51

Tgt Ion:113 Resp: 46804
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.4 125.0
 192 18.6 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





#44

Trichloroethene

Concen: 36.860 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028692.D

Acq: 14 Dec 2018 18:51

Instrument :

MSVOA_U

ClientSampleId :

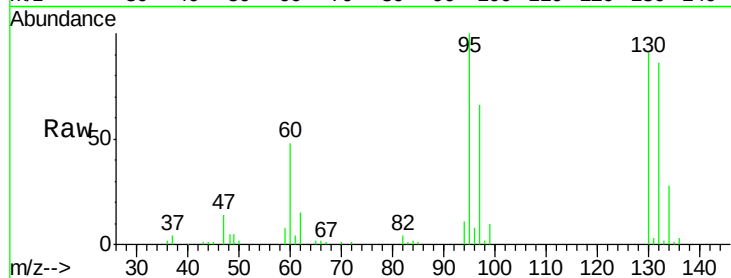
MW-10A_R1

Tgt Ion:130 Resp: 36455

Ion Ratio Lower Upper

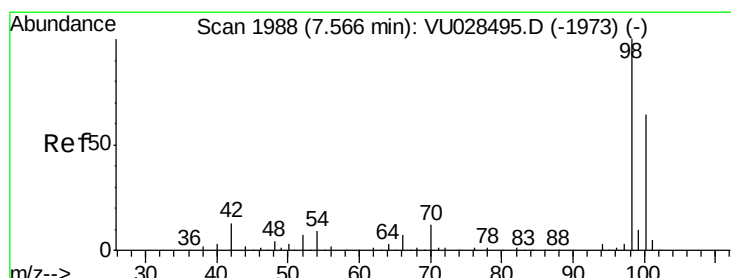
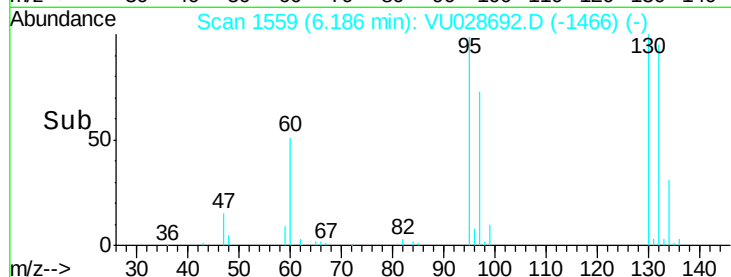
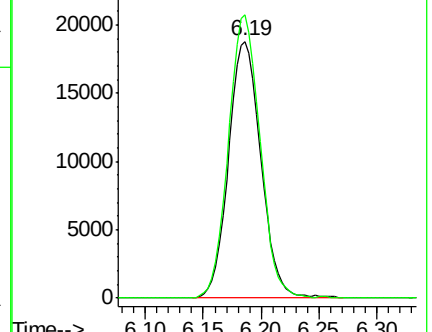
130 100

95 110.3 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)



#50

Toluene-d8

Concen: 51.325 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028692.D

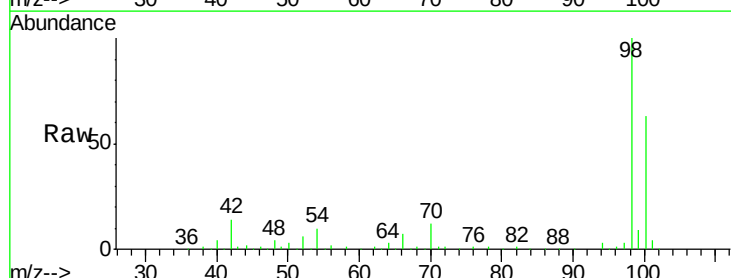
Acq: 14 Dec 2018 18:51

Tgt Ion: 98 Resp: 176339

Ion Ratio Lower Upper

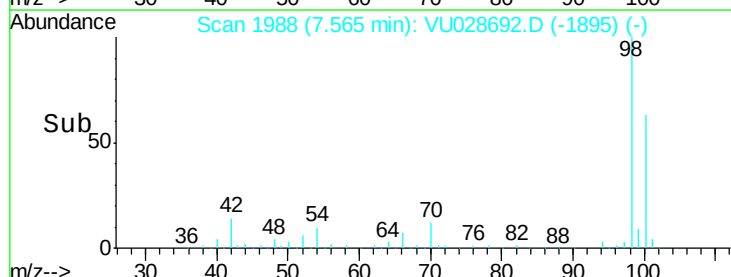
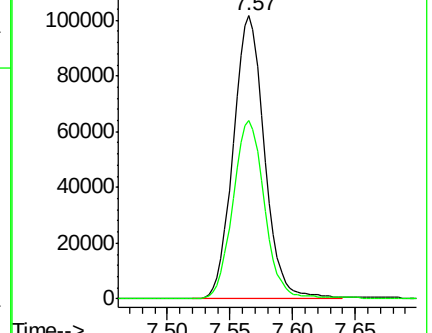
98 100

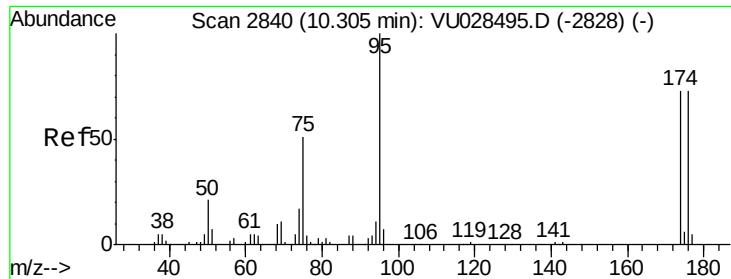
100 64.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

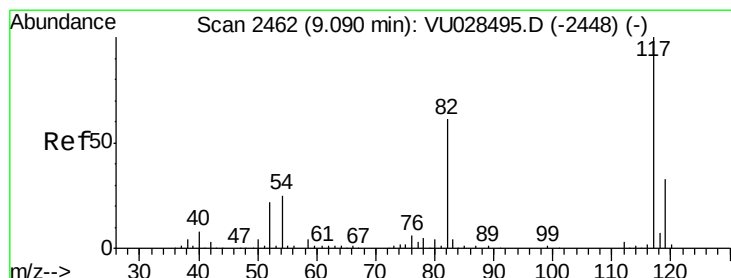
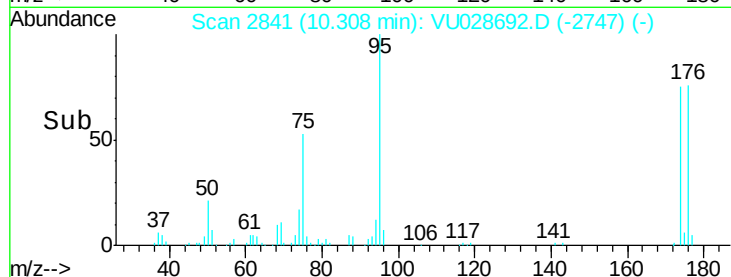
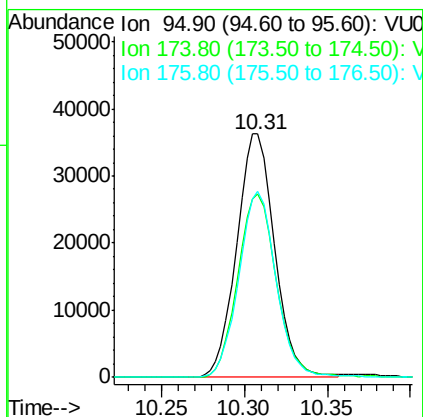
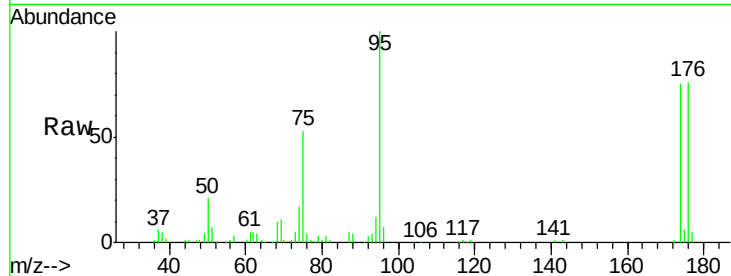




#62
 4-Bromofluorobenzene
 Concen: 45.113 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU028692.D
 Acq: 14 Dec 2018 18:51

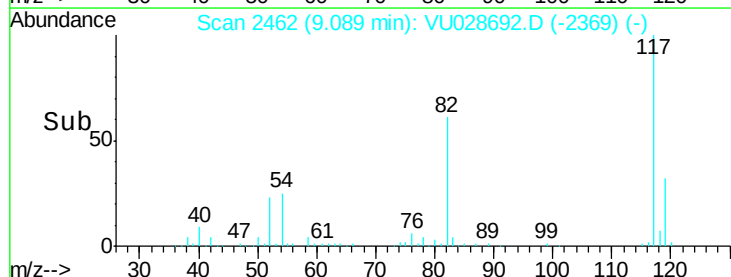
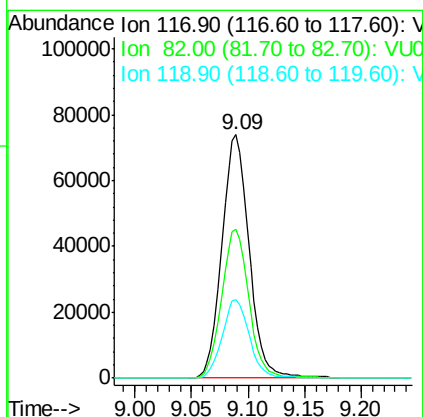
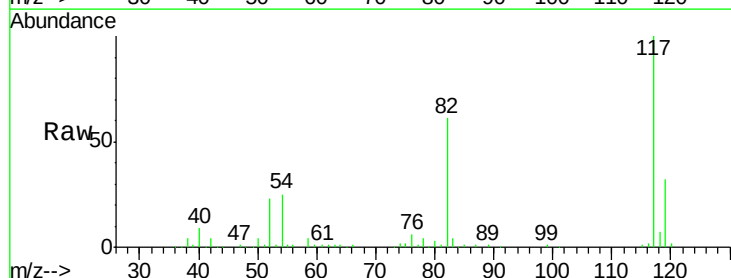
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 MW-10A_R1

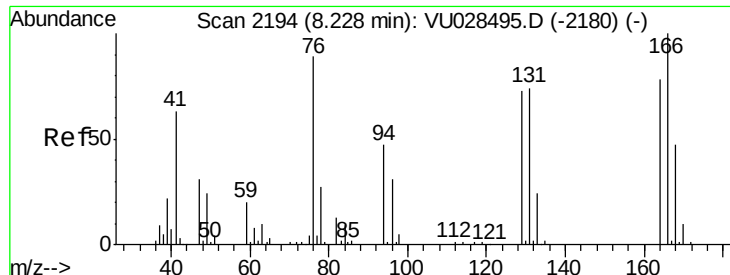
Tgt Ion: 95 Resp: 57931
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 150.4
 176 74.8 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028692.D
 Acq: 14 Dec 2018 18:51

Tgt Ion: 117 Resp: 124113
 Ion Ratio Lower Upper
 117 100
 82 61.3 48.9 73.3
 119 32.4 26.2 39.4

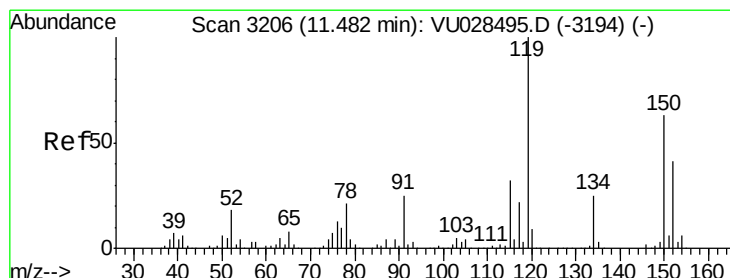
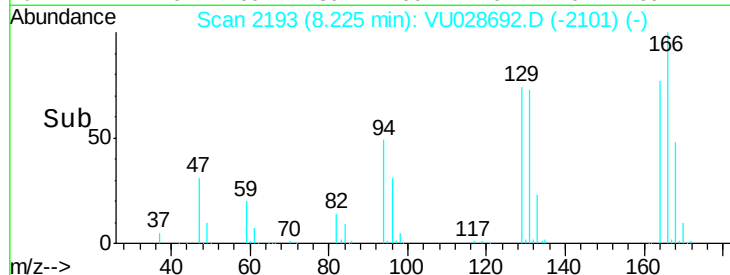
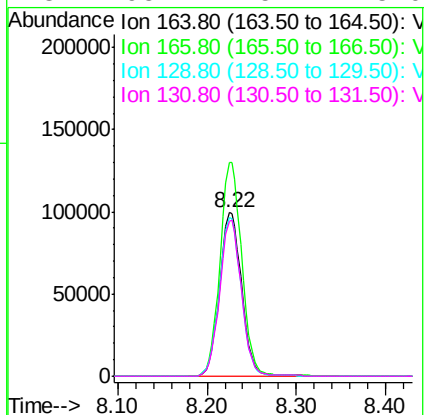
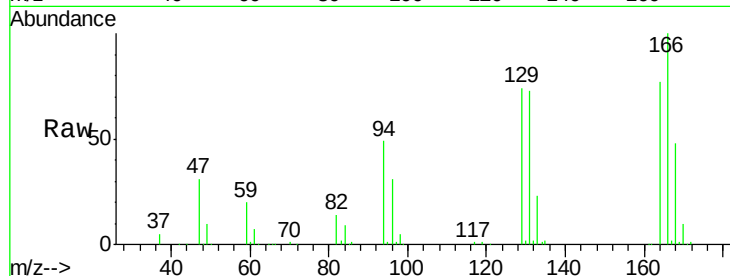




#64
Tetrachloroethene
Concen: 205.662 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028692.D
Acq: 14 Dec 2018 18:51

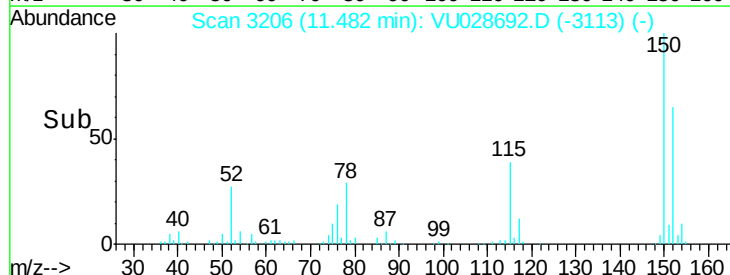
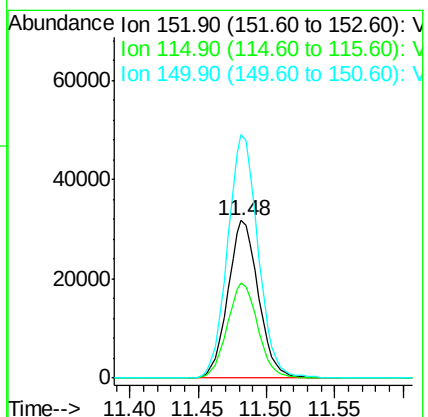
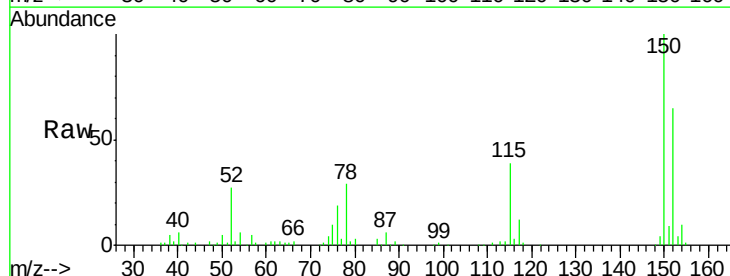
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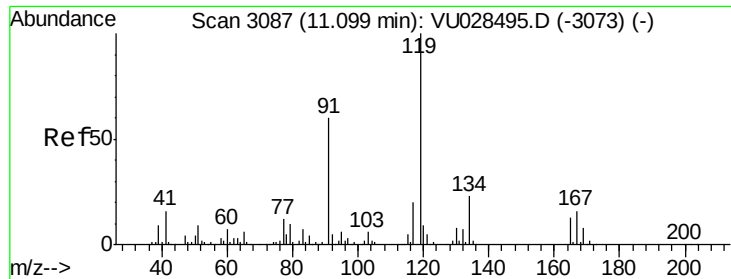
Tgt Ion:164 Resp: 170260
Ion Ratio Lower Upper
164 100
166 130.6 101.9 152.9
129 97.0 74.9 112.3
131 95.1 75.4 113.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028692.D
Acq: 14 Dec 2018 18:51

Tgt Ion:152 Resp: 49318
Ion Ratio Lower Upper
152 100
115 60.5 42.7 128.1
150 154.4 0.0 346.0

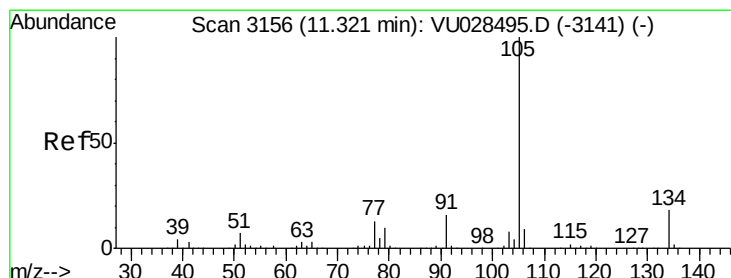
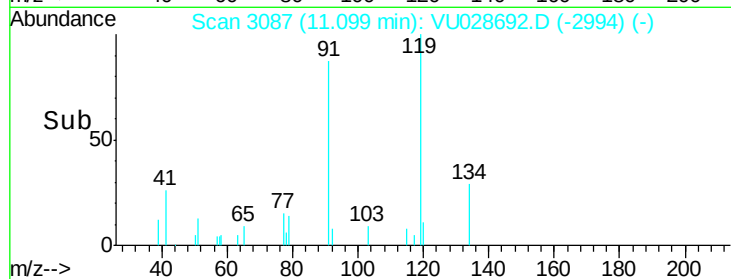
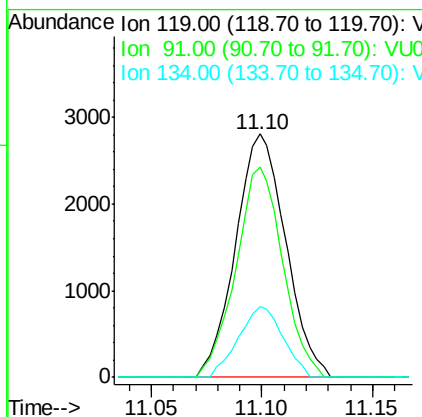
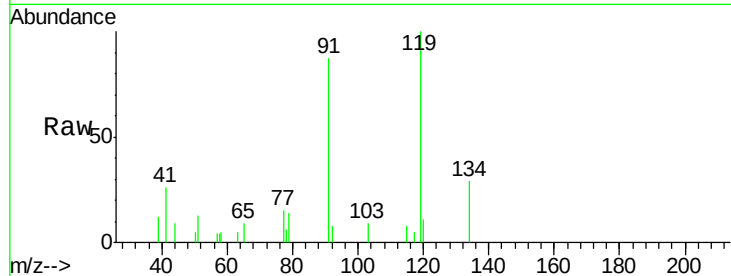




#83
tert-Butylbenzene
Concen: 1.469 ug/l
RT: 11.10 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VU028692.D
Acq: 14 Dec 2018 18:51

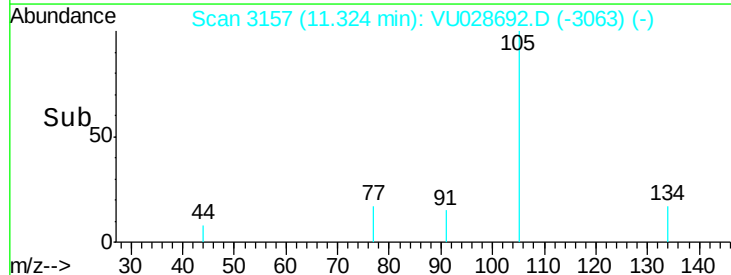
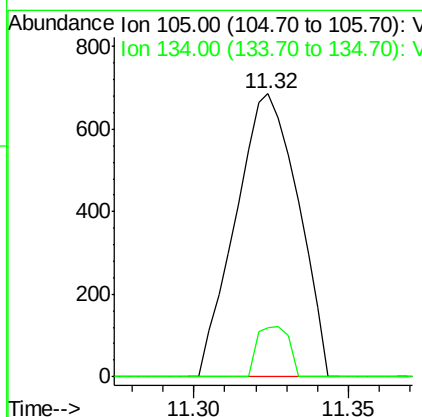
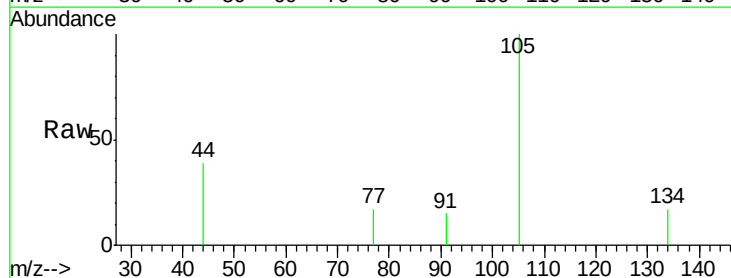
Instrument :
MSVOA_U
ClientSampleId :
MW-10A_R1

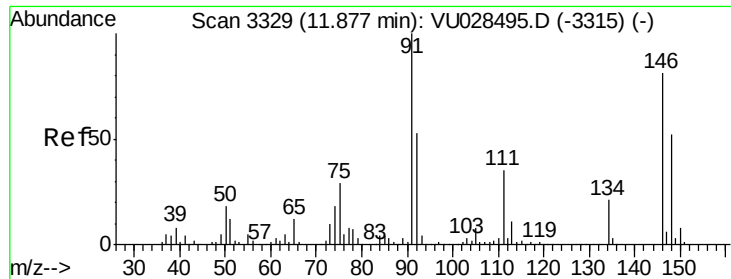
Tgt Ion:119 Resp: 4436
Ion Ratio Lower Upper
119 100
91 80.8 30.3 91.0
134 25.8 11.2 33.5



#85
sec-Butylbenzene
Concen: 0.247 ug/l
RT: 11.32 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VU028692.D
Acq: 14 Dec 2018 18:51

Tgt Ion:105 Resp: 960
Ion Ratio Lower Upper
105 100
134 9.1 9.2 27.6#

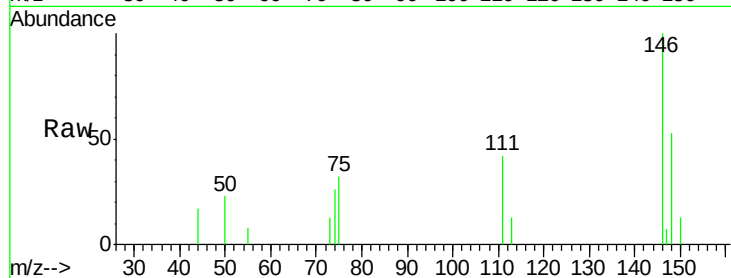




#91
 1,2-Dichlorobenzene
 Concen: 1.651 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028692.D
 Acq: 14 Dec 2018 18:51

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10A_R1

Tgt Ion:146 Resp: 2760
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.4
 148 59.4 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

