

Data File : VU027177.D
Acq On : 26 Sep 2018 15:03
Operator : MD/SY
Sample : J5049-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-125-SEP18

Quant Time: Oct 05 04:35:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	92361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	153840	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	158226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74769	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	95491	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
35) Dibromofluoromethane	4.89	113	66088	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	7.57	98	247842	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	10.31	95	85590	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

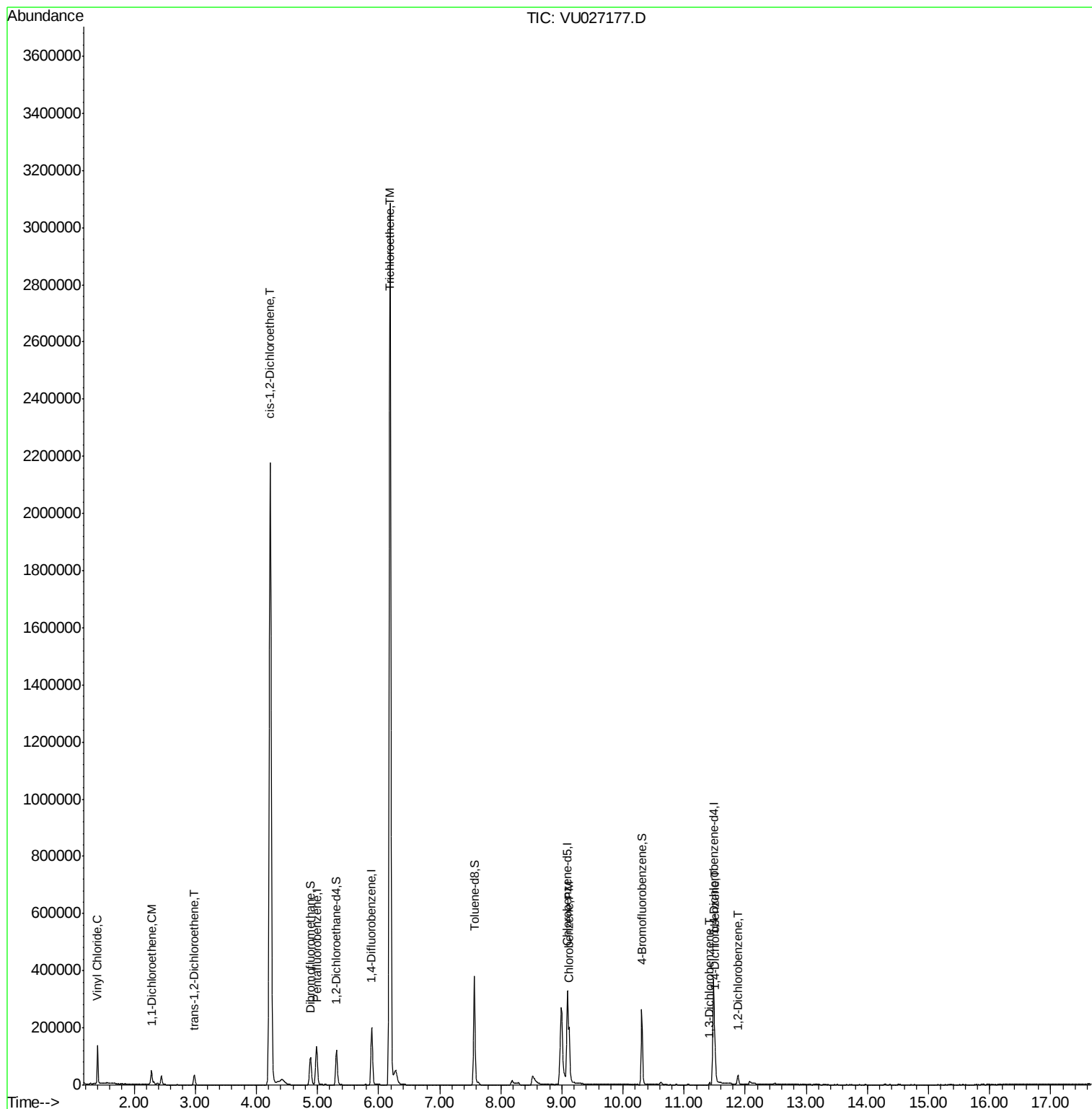
Target Compounds				Qvalue		
4) Vinyl Chloride	1.40	62	84446	43.512	ug/l	99
12) 1,1-Dichloroethene	2.29	96	14229	11.154	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	13104	9.621	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	1105384	718.669	ug/l	92
44) Trichloroethene	6.19	130	978725	736.561	ug/l	96
65) Chlorobenzene	9.12	112	82896	19.759	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	3114	1.204	ug/l	97
88) 1,4-Dichlorobenzene	11.51	146	28888	10.248	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	12578	4.578	ug/l	99

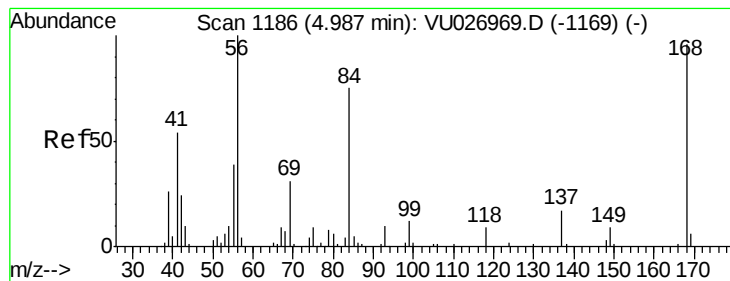
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027177.D

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Instrument :

MSVOA_U

ClientSampleId :

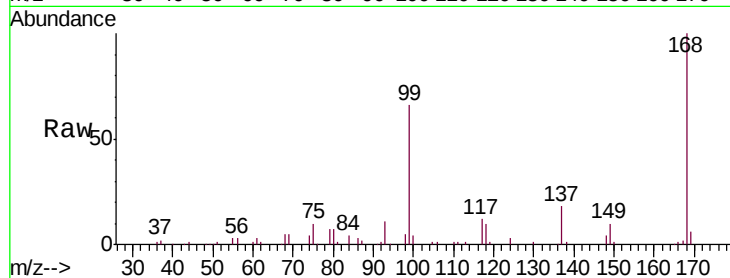
MW-125-SEP18

Tgt Ion:168 Resp: 92361

Ion Ratio Lower Upper

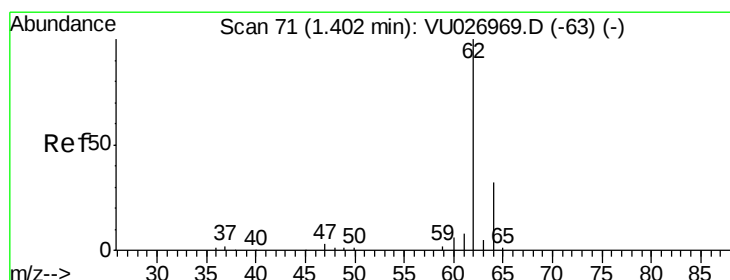
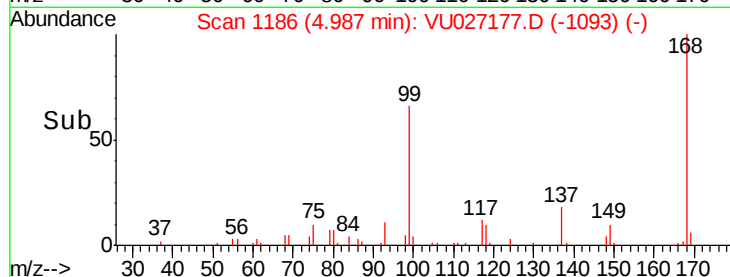
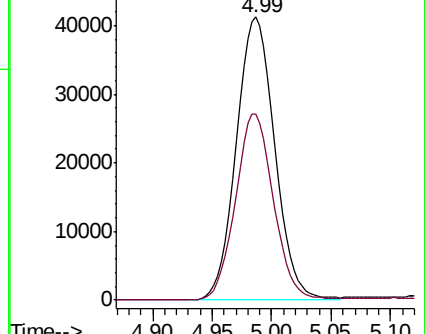
168 100

99 65.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)



#4

Vinyl Chloride

Concen: 43.512 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027177.D

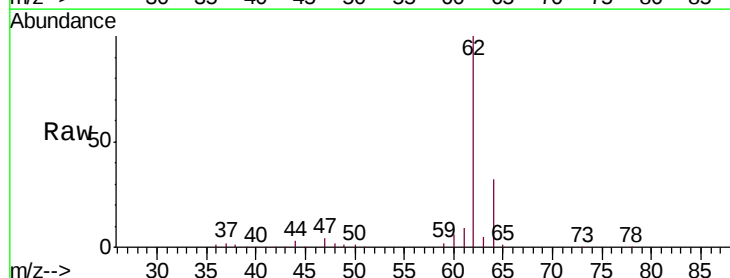
Acq: 26 Sep 2018 15:03

Tgt Ion: 62 Resp: 84446

Ion Ratio Lower Upper

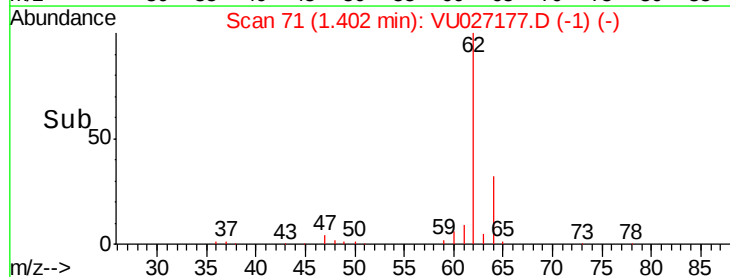
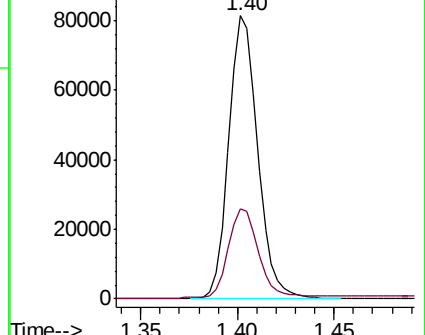
62 100

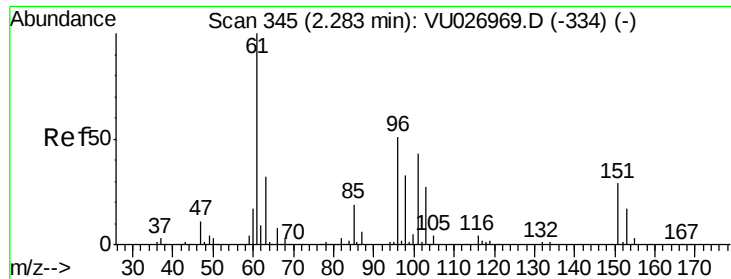
64 31.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

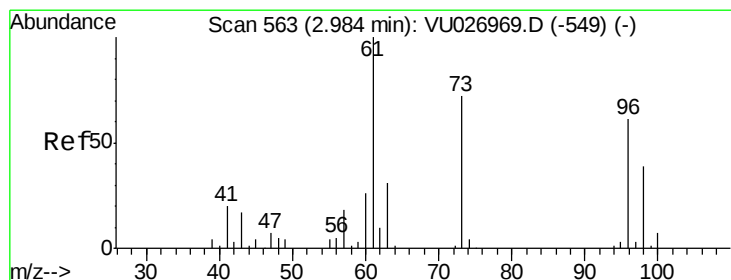
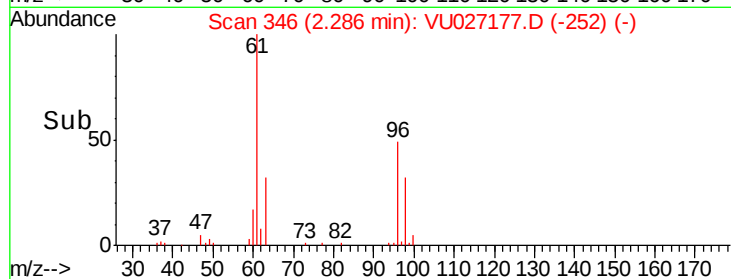
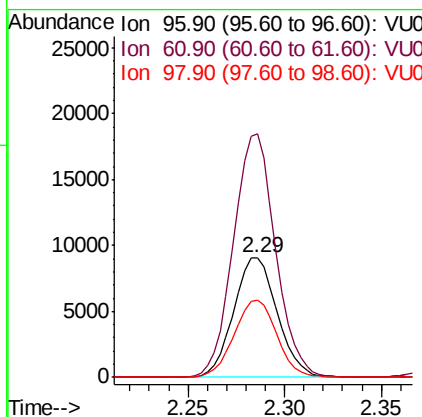
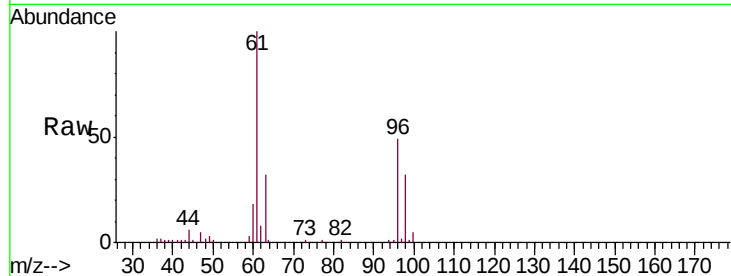




#12
 1,1-Dichloroethene
 Concen: 11.154 ug/l
 RT: 2.29 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: VU027177.D
 Acq: 26 Sep 2018 15:03

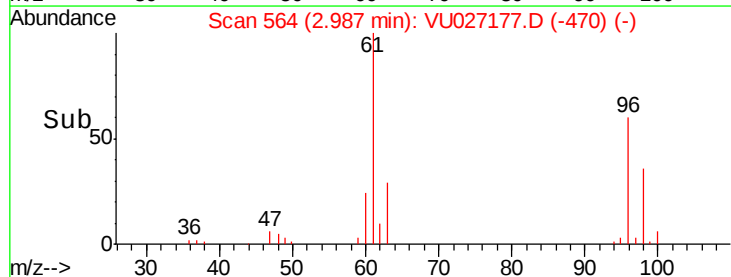
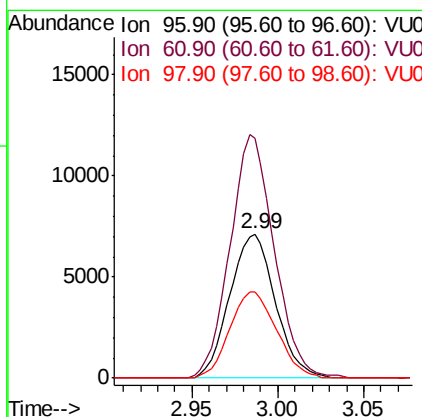
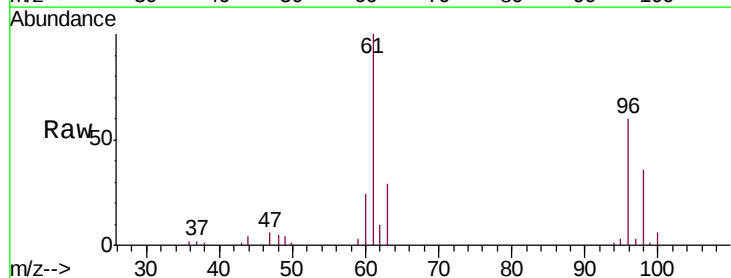
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-125-SEP18

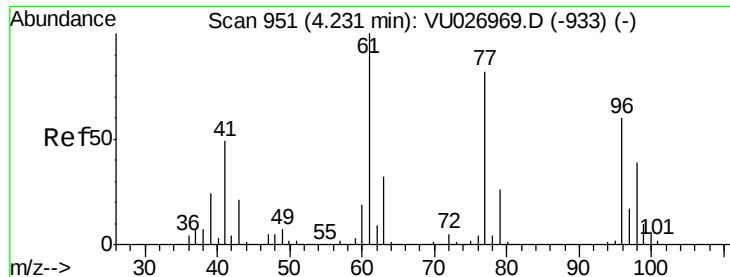
Tgt Ion: 96 Resp: 14229
 Ion Ratio Lower Upper
 96 100
 61 202.9 156.1 234.1
 98 64.7 51.4 77.0



#21
 trans-1,2-Dichloroethene
 Concen: 9.621 ug/l
 RT: 2.99 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VU027177.D
 Acq: 26 Sep 2018 15:03

Tgt Ion: 96 Resp: 13104
 Ion Ratio Lower Upper
 96 100
 61 166.4 131.8 197.6
 98 59.9 50.9 76.3



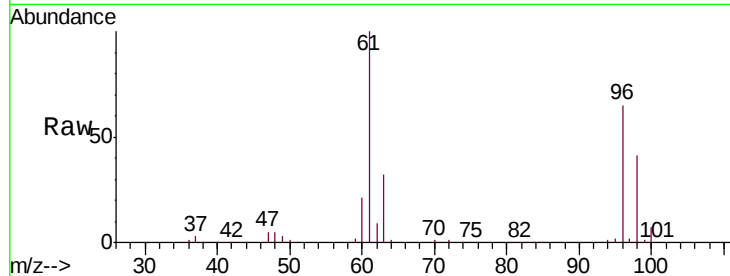


#27

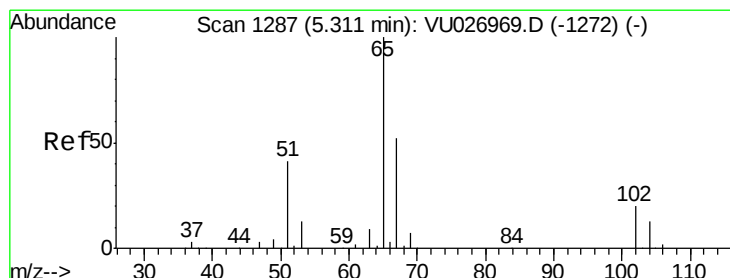
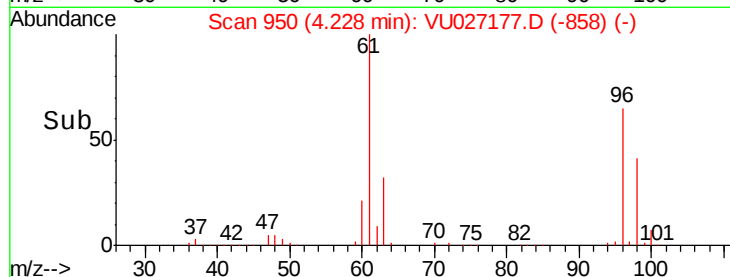
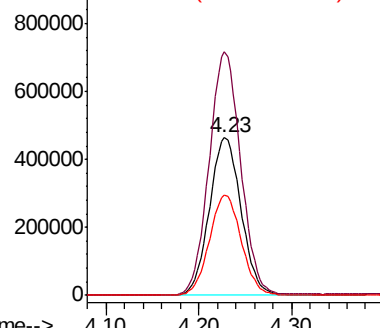
cis-1,2-Dichloroethene
Concen: 718.669 ug/l
RT: 4.23 min Scan# 950
Delta R.T. -0.00 min
Lab File: VU027177.D
Acq: 26 Sep 2018 15:03

Instrument :
MSVOA_U
ClientSampleId :
MW-125-SEP18

Tgt Ion: 96 Resp: 1105384
Ion Ratio Lower Upper
96 100
61 153.8 0.0 337.2
98 63.7 0.0 127.6



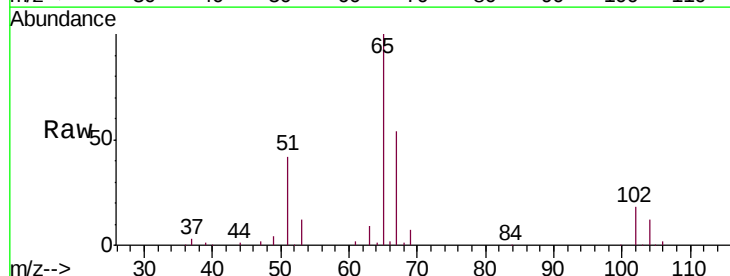
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



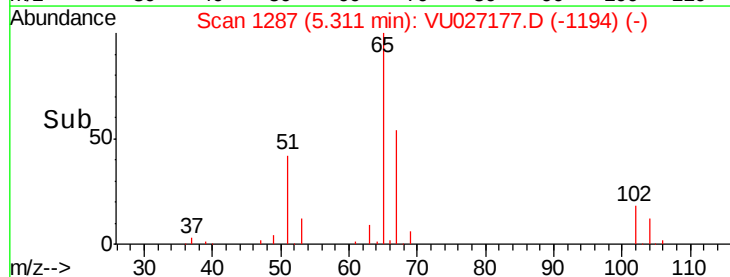
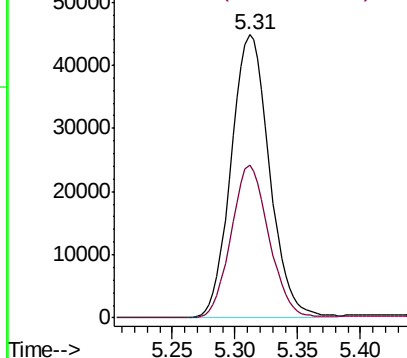
#33

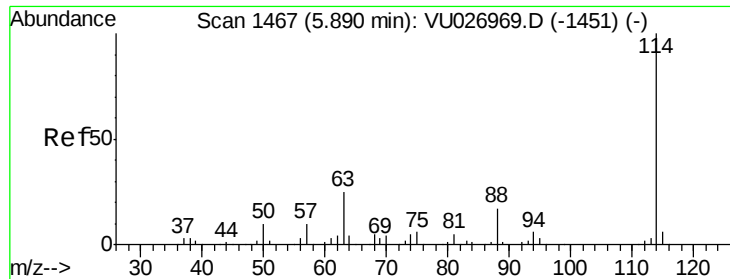
1,2-Dichloroethane-d4
Concen: 51.369 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VU027177.D
Acq: 26 Sep 2018 15:03

Tgt Ion: 65 Resp: 95491
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

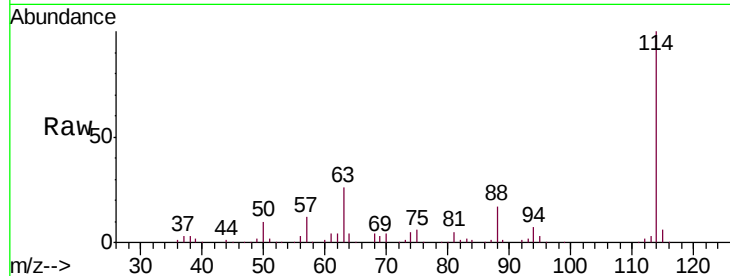




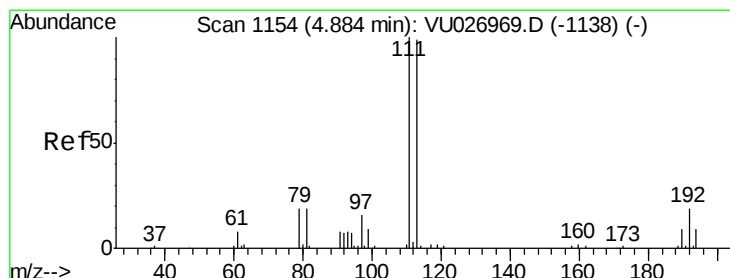
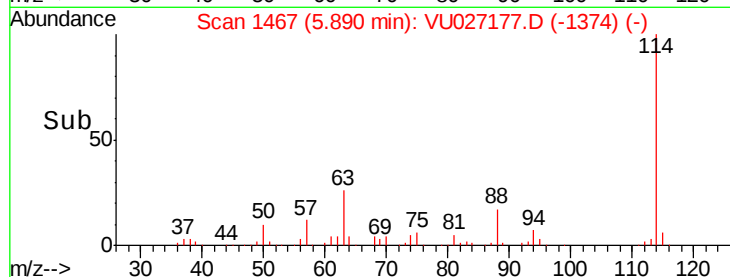
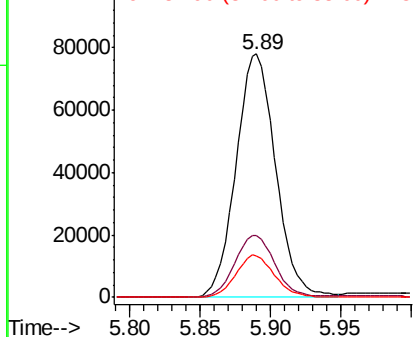
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: VU027177.D
 Acq: 26 Sep 2018 15:03

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-125-SEP18

Tgt Ion:114 Resp: 153840
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 49.2
 88 17.1 0.0 33.8

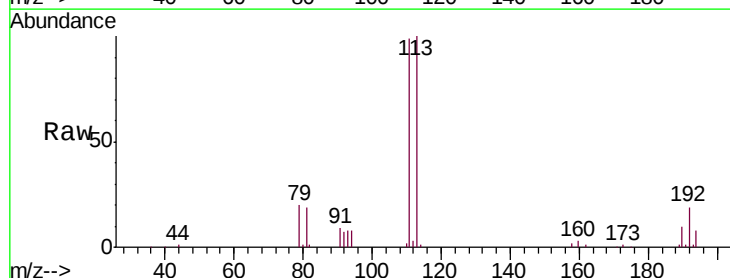


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

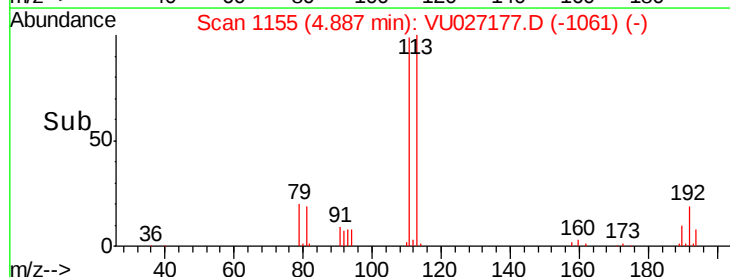
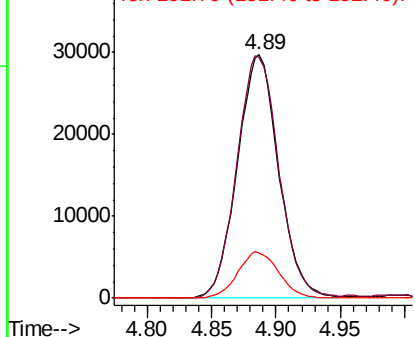


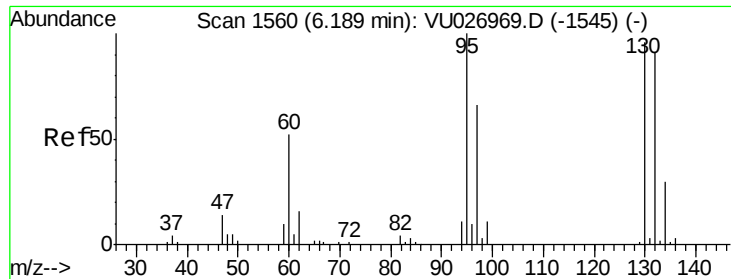
#35
 Dibromofluoromethane
 Concen: 49.560 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027177.D
 Acq: 26 Sep 2018 15:03

Tgt Ion:113 Resp: 66088
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.2 123.4
 192 18.7 15.2 22.8



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: 736.561 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU027177.D

Acq: 26 Sep 2018 15:03

Instrument :

MSVOA_U

ClientSampleId :

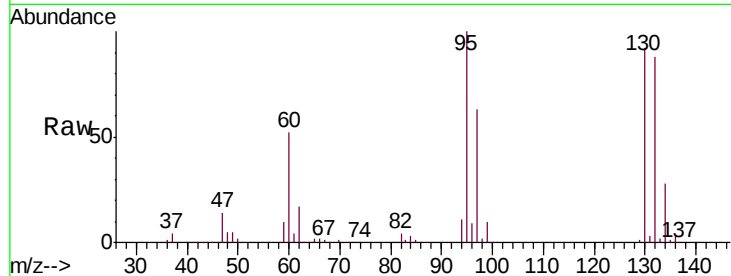
MW-125-SEP18

Tgt Ion:130 Resp: 978725

Ion Ratio Lower Upper

130 100

95 108.5 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): VU026969.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU026969.D (-1545) (-)

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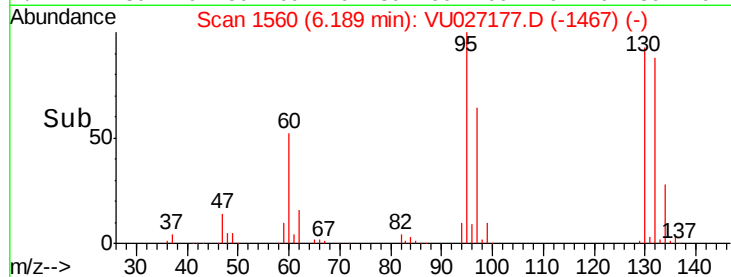
6.19

6.19

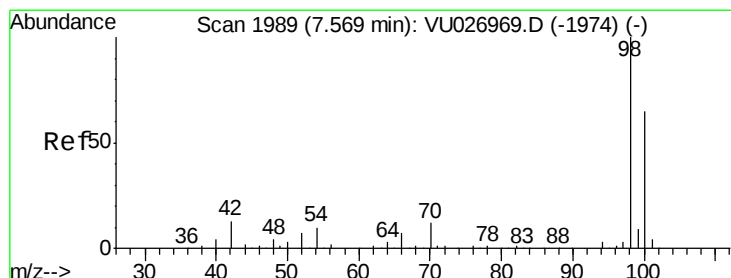
6.19

6.19

6.19



Time-->



#50

Toluene-d8

Concen: 48.769 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VU027177.D

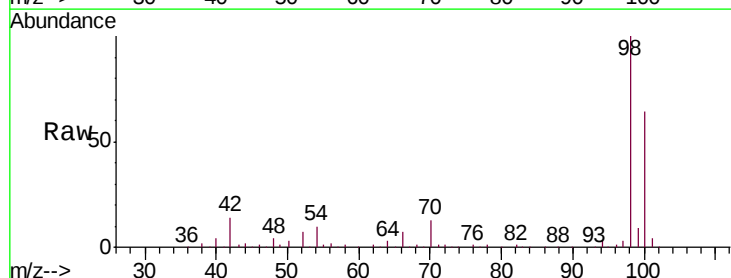
Acq: 26 Sep 2018 15:03

Tgt Ion: 98 Resp: 247842

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

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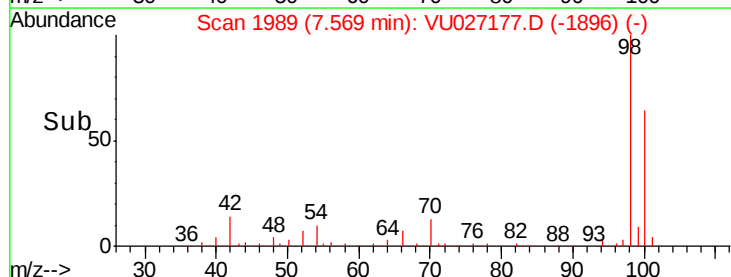
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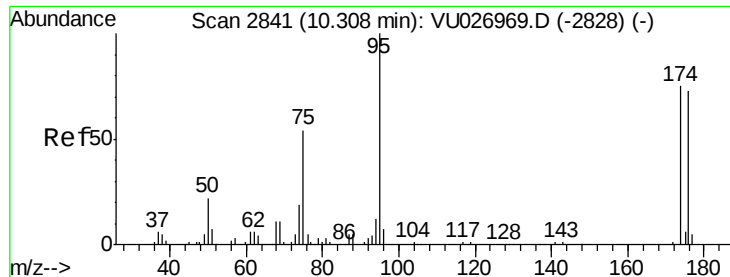
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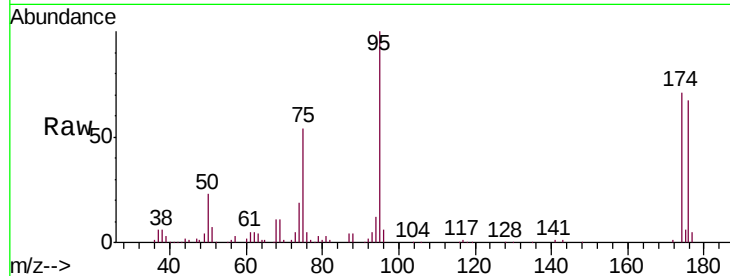
Time-->



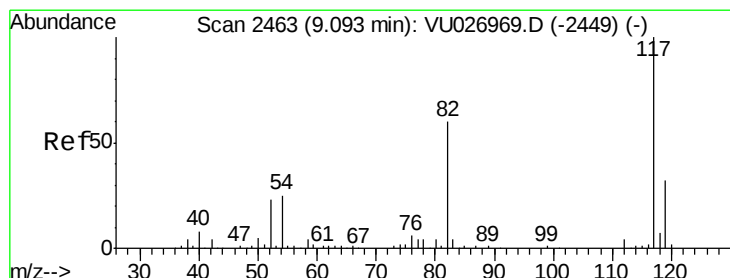
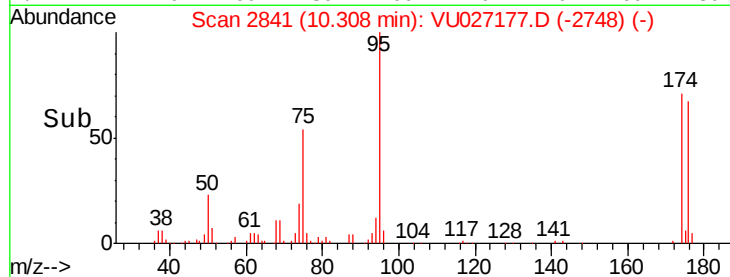
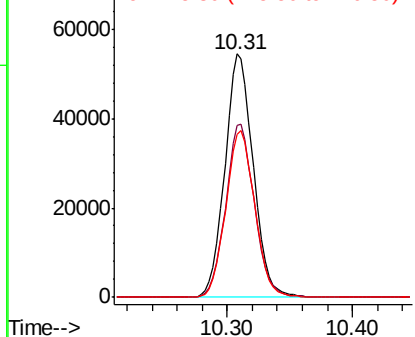
#62
 4-Bromofluorobenzene
 Concen: 49.083 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VU027177.D
 Acq: 26 Sep 2018 15:03

Instrument :
 MSVOA_U
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 MW-125-SEP18

Tgt Ion: 95 Resp: 85590
 Ion Ratio Lower Upper
 95 100
 174 72.1 0.0 150.2
 176 70.1 0.0 145.2

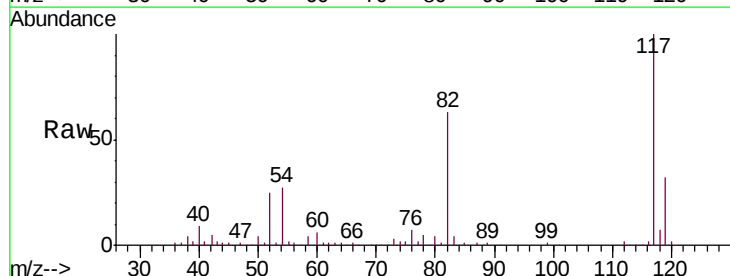


Abundance Ion 94.90 (94.60 to 95.60): VU0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

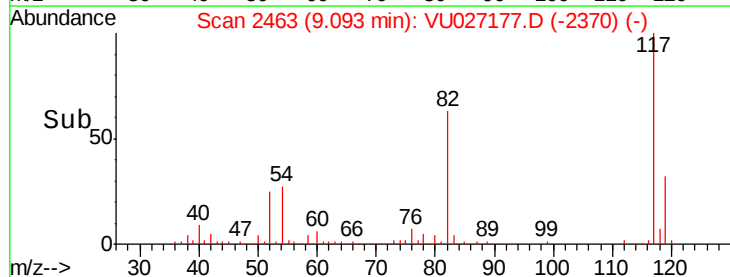
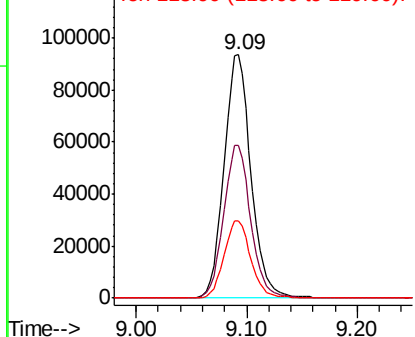


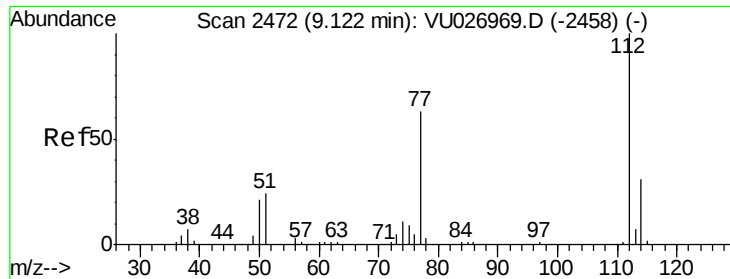
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VU027177.D
 Acq: 26 Sep 2018 15:03

Tgt Ion: 117 Resp: 158226
 Ion Ratio Lower Upper
 117 100
 82 62.8 48.0 72.0
 119 32.0 25.8 38.8



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

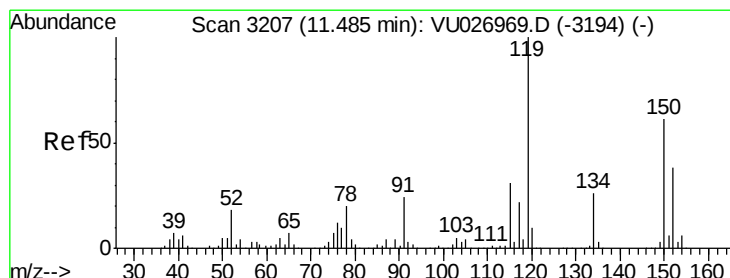
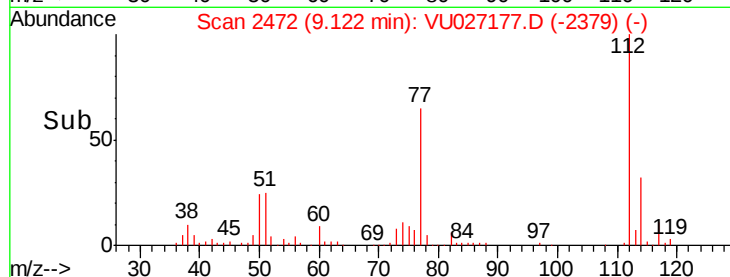
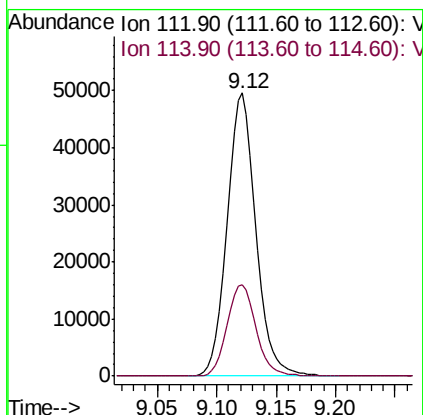
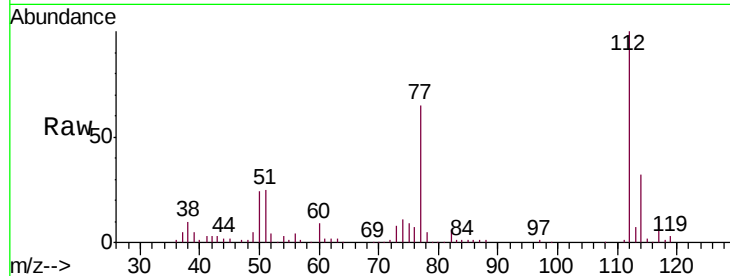




#65
Chlorobenzene
Concen: 19.759 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU027177.D
Acq: 26 Sep 2018 15:03

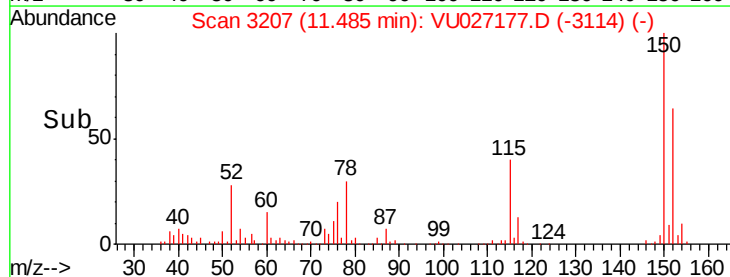
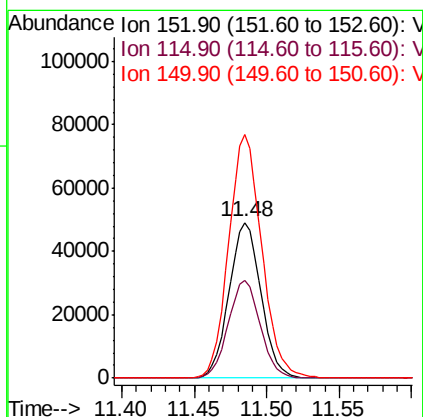
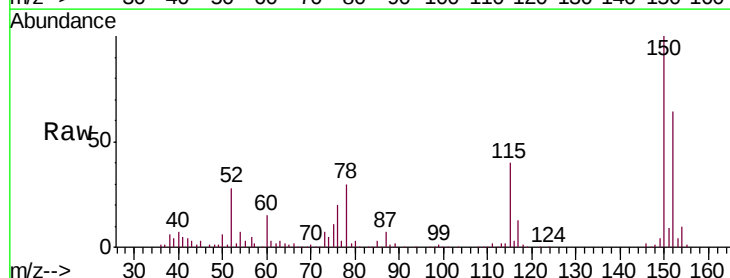
Instrument :
MSVOA_U
ClientSampleId :
MW-125-SEP18

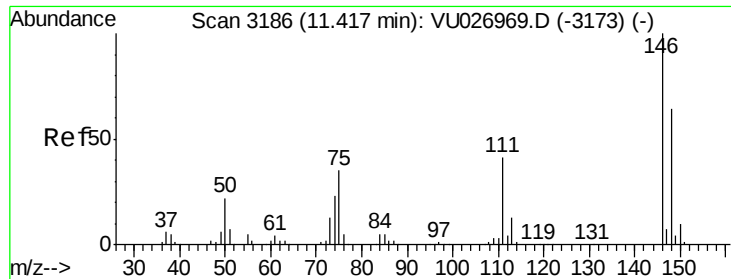
Tgt Ion:112 Resp: 82896
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027177.D
Acq: 26 Sep 2018 15:03

Tgt Ion:152 Resp: 74769
Ion Ratio Lower Upper
152 100
115 62.8 44.9 134.5
150 161.8 0.0 355.8

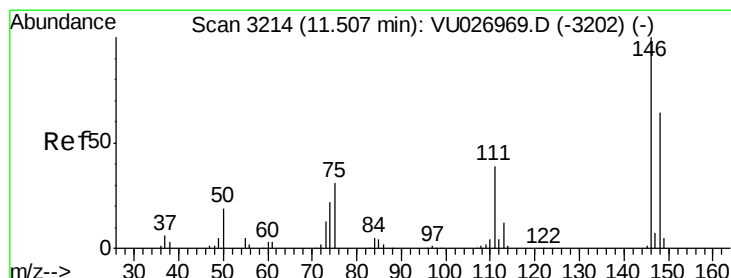
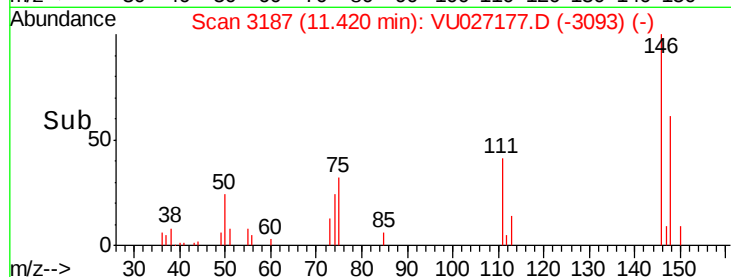
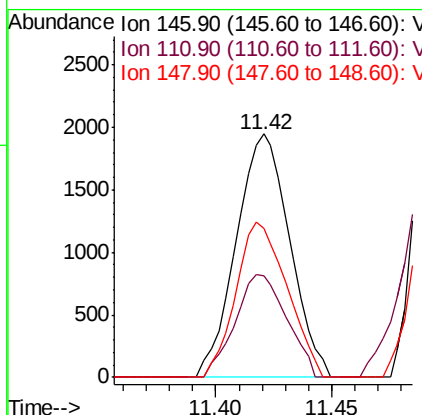
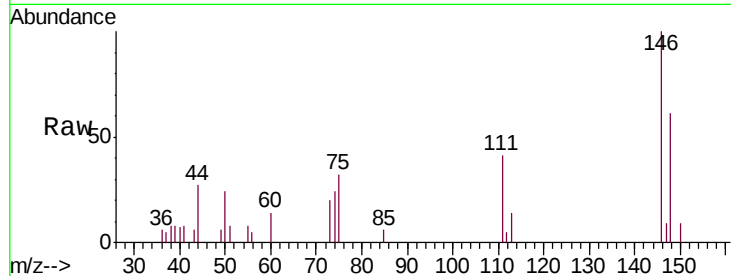




#87
 1,3-Dichlorobenzene
 Concen: 1.204 ug/l
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027177.D
 Acq: 26 Sep 2018 15:03

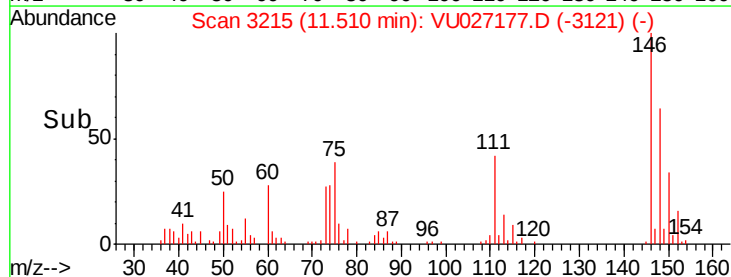
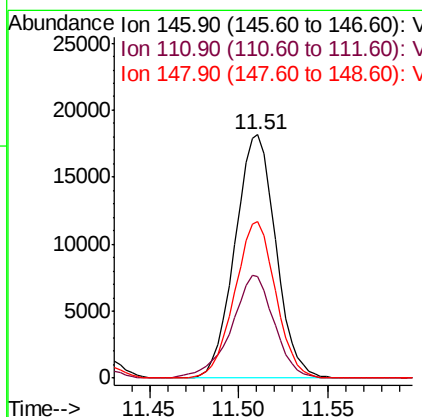
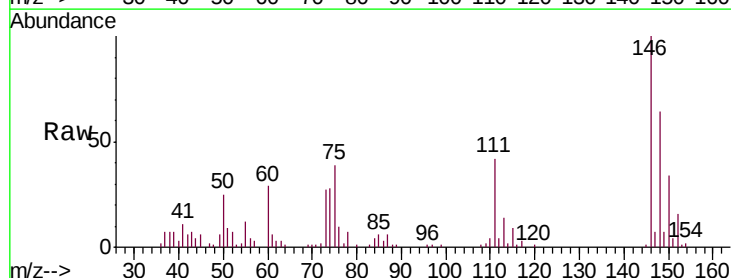
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-125-SEP18

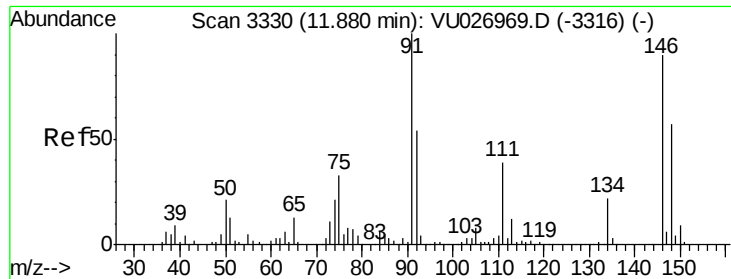
Tgt Ion:146 Resp: 3114
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.8 62.2
 148 60.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 10.248 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027177.D
 Acq: 26 Sep 2018 15:03

Tgt Ion:146 Resp: 28888
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.3 60.9
 148 64.5 31.9 95.9

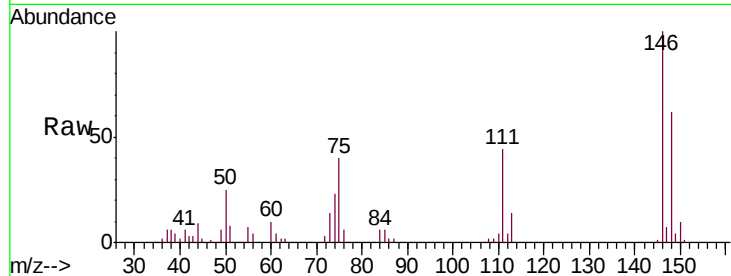




#91
 1,2-Dichlorobenzene
 Concen: 4.578 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU027177.D
 Acq: 26 Sep 2018 15:03

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-125-SEP18

Tgt Ion:146 Resp: 12578
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.3
 148 62.4 31.9 95.7



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

