

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
 Data File : VU027172.D
 Acq On : 26 Sep 2018 13:06
 Operator : MD/SY
 Sample : J5032-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17-092018

Quant Time: Sep 27 01:06:12 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	92253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	161042	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	69685	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	99770	53.73	ug/l	0.00
Spiked Amount			Recovery	=	107.46%	
35) Dibromofluoromethane	4.88	113	68060	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	7.57	98	253711	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	10.31	95	82229	45.05	ug/l	0.00
Spiked Amount			Recovery	=	90.10%	

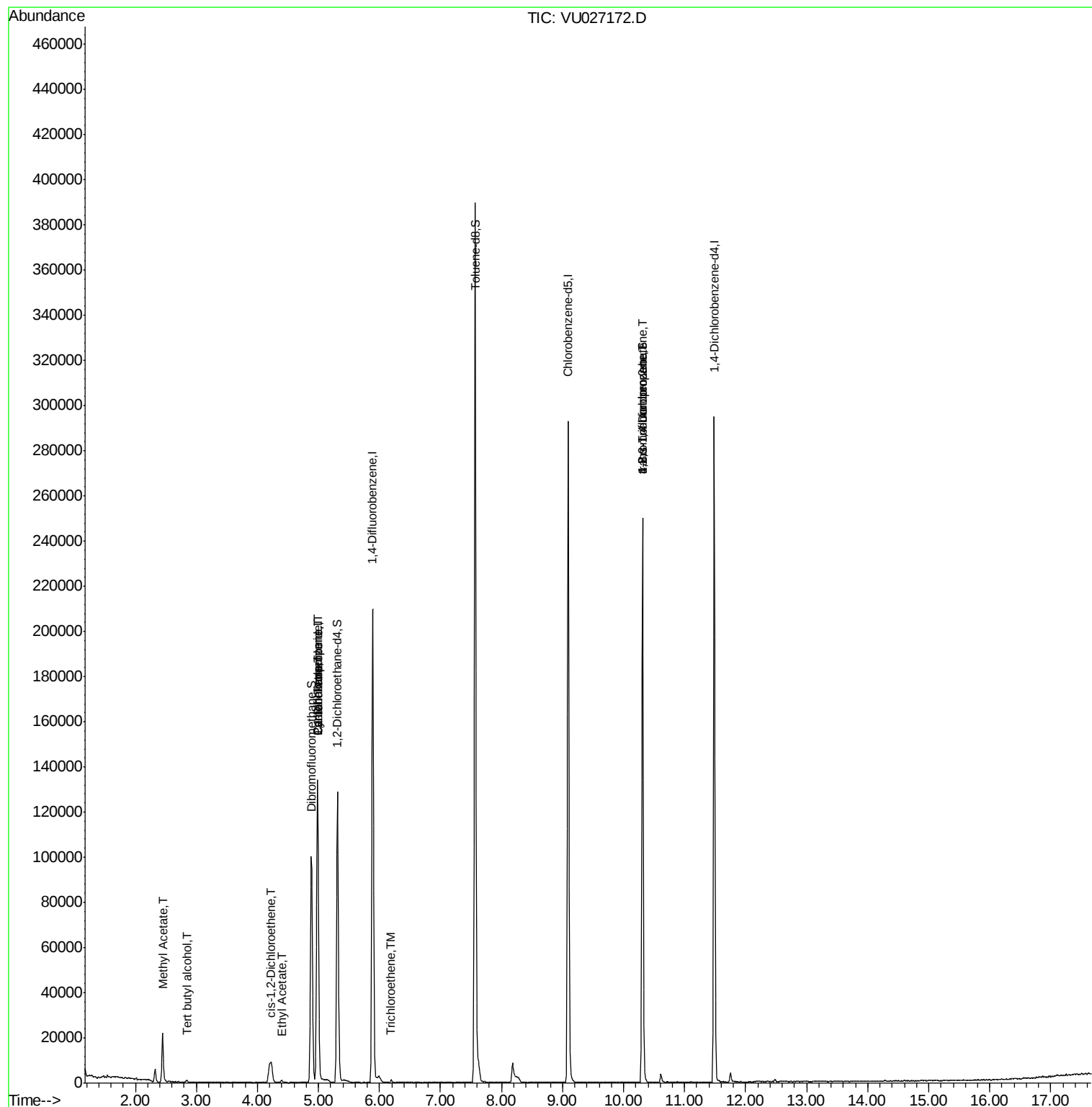
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	1051	2.470	ug/l #	72
16) Acetone	2.32	43	6332	Below Cal		94
18) Methyl Acetate	2.45	43	5425	2.053	ug/l #	55
27) cis-1,2-Dichloroethene	4.23	96	3386	2.204	ug/l	93
31) Cyclohexane	4.99	56	2512	0.337	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8949	4.164	ug/l #	49
37) Ethyl Acetate	4.40	43	1805	0.620	ug/l #	70
38) Carbon Tetrachloride	4.99	117	9866	4.824	ug/l #	17
44) Trichloroethene	6.20	130	297	0.214	ug/l	87
76) 1,2,3-Trichloropropane	10.31	75	44784	21.154	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	44784	67.698	ug/l #	100

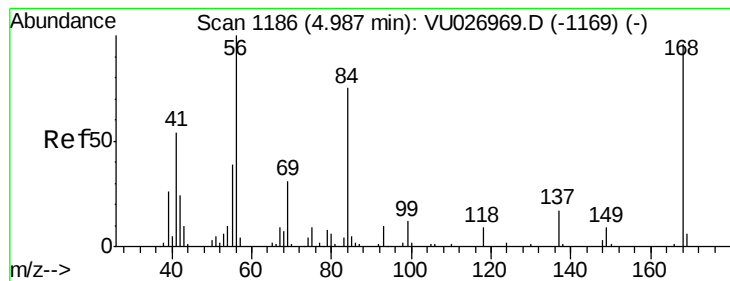
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092618\
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Quant Time: Sep 27 01:06:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 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: VU027172.D

Acq: 26 Sep 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

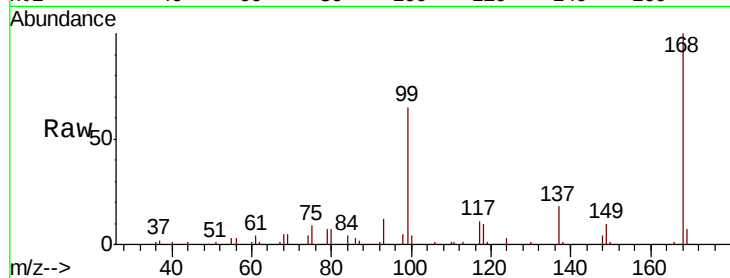
MW-17-092018

Tgt Ion:168 Resp: 92253

Ion Ratio Lower Upper

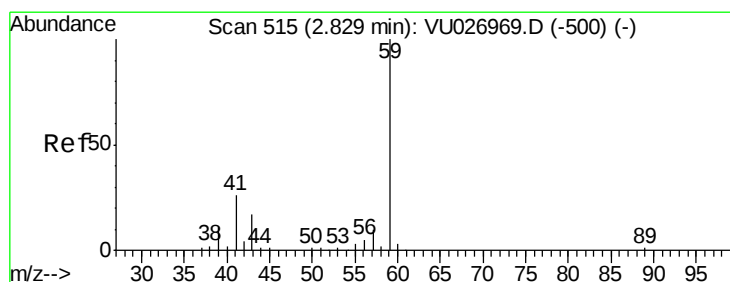
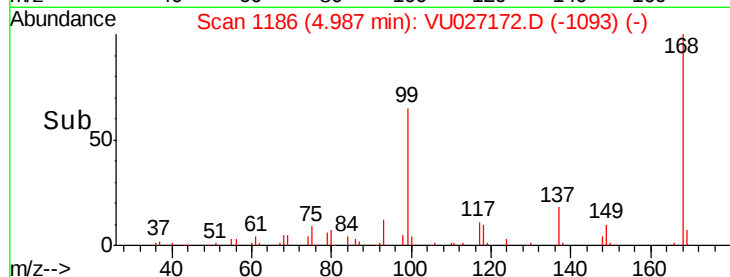
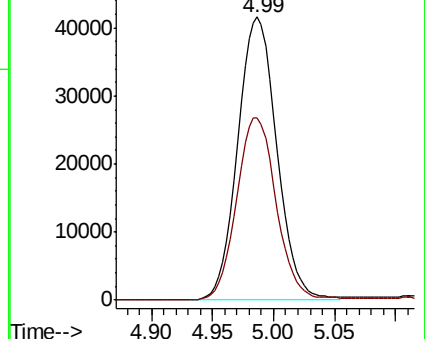
168 100

99 64.5 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) (-)



#11

Tert butyl alcohol

Concen: 2.470 ug/l

RT: 2.84 min Scan# 515

Delta R.T. 0.01 min

Lab File: VU027172.D

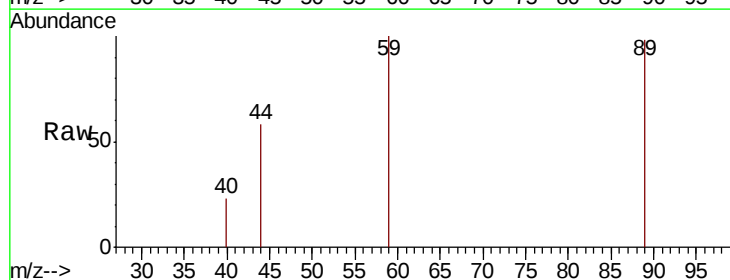
Acq: 26 Sep 2018 13:06

Tgt Ion: 59 Resp: 1051

Ion Ratio Lower Upper

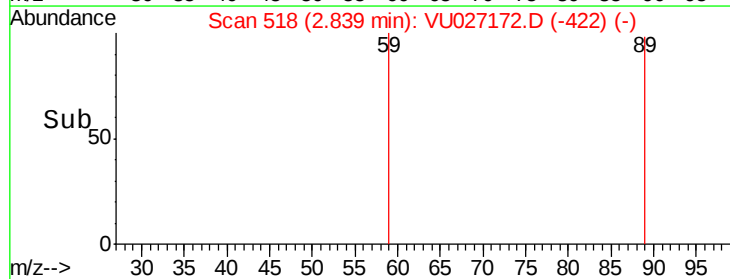
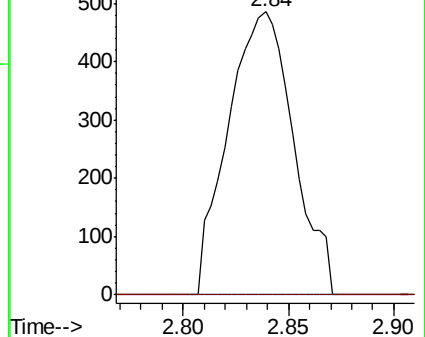
59 100

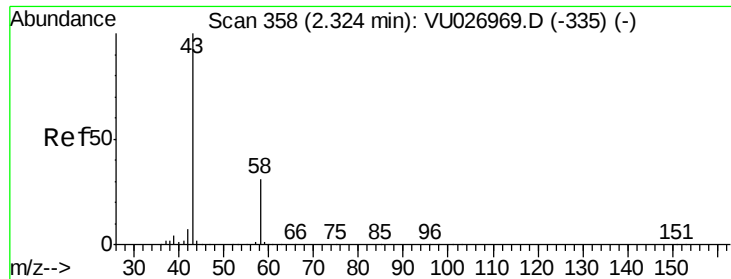
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027172.D

Acq: 26 Sep 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

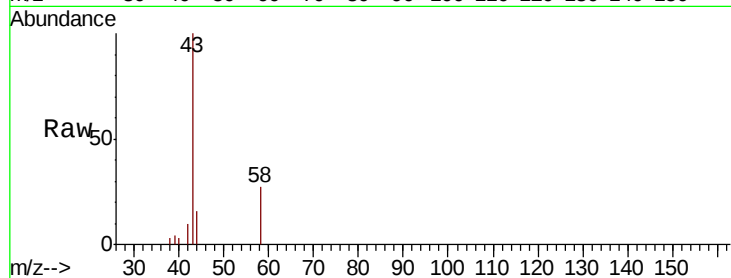
MW-17-092018

Tgt Ion: 43 Resp: 6332

Ion Ratio Lower Upper

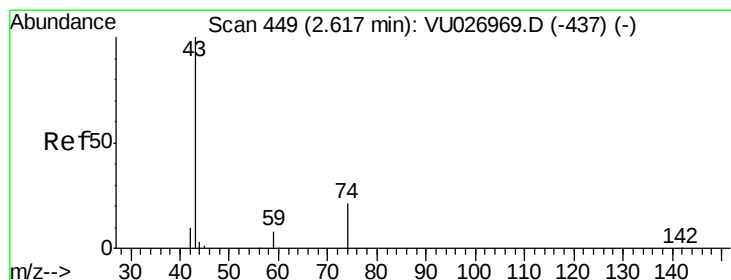
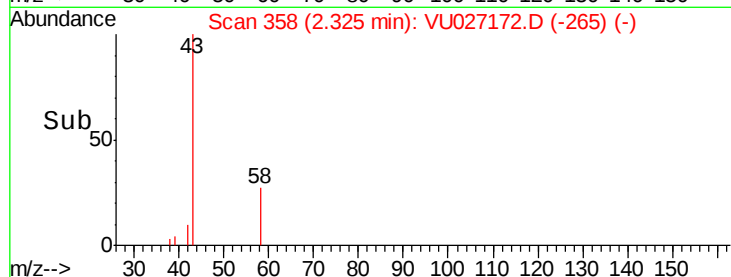
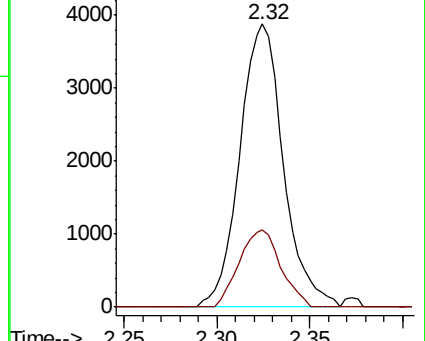
43 100

58 27.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#18

Methyl Acetate

Concen: 2.053 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.17 min

Lab File: VU027172.D

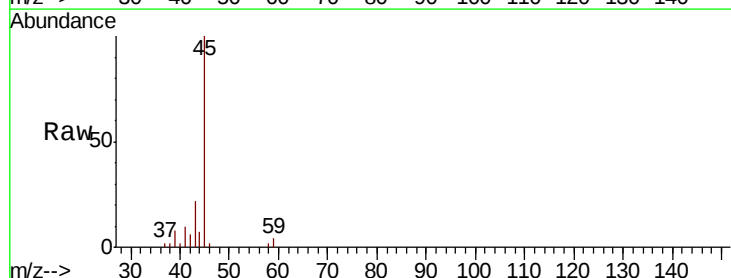
Acq: 26 Sep 2018 13:06

Tgt Ion: 43 Resp: 5425

Ion Ratio Lower Upper

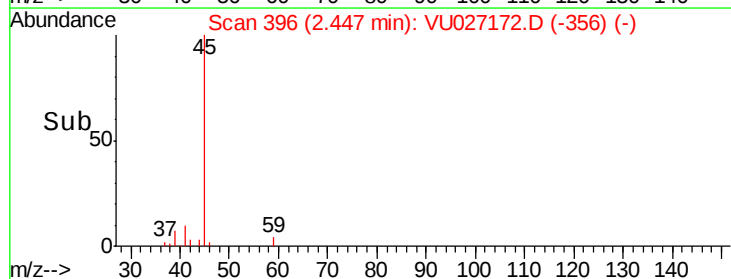
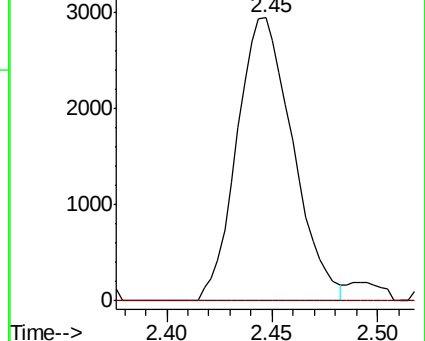
43 100

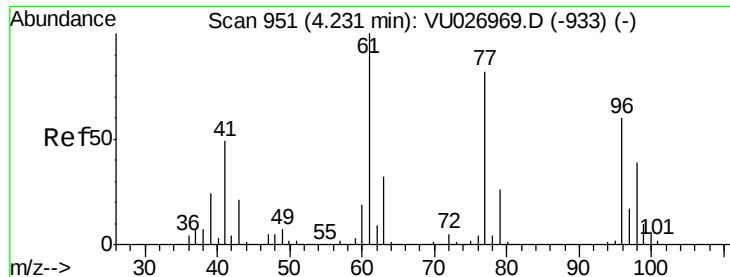
74 0.0 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



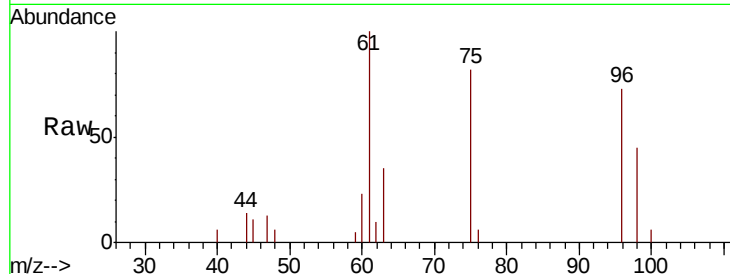


#27

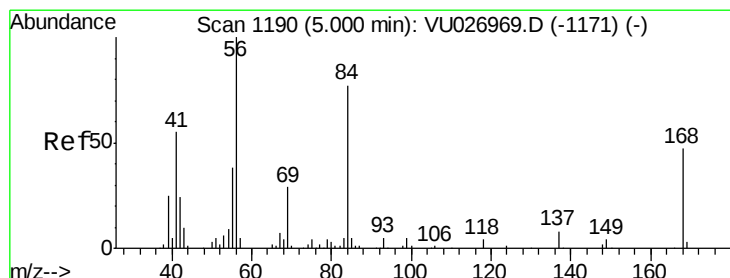
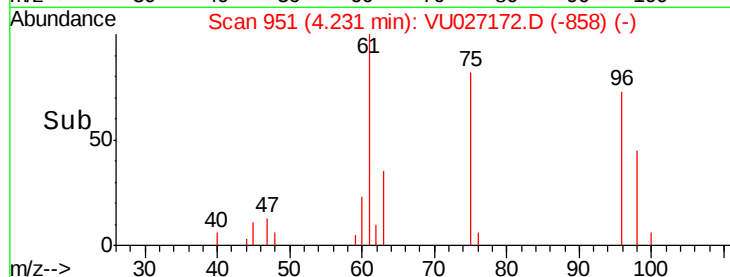
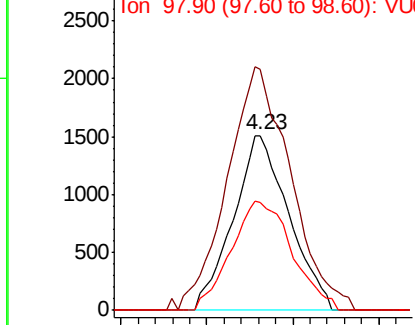
cis-1,2-Dichloroethene
Concen: 2.204 ug/l
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027172.D
Acq: 26 Sep 2018 13:06

Instrument :
MSVOA_U
ClientSampleId :
MW-17-092018

Tgt Ion: 96 Resp: 3386
Ion Ratio Lower Upper
96 100
61 159.1 0.0 337.2
98 68.5 0.0 127.6



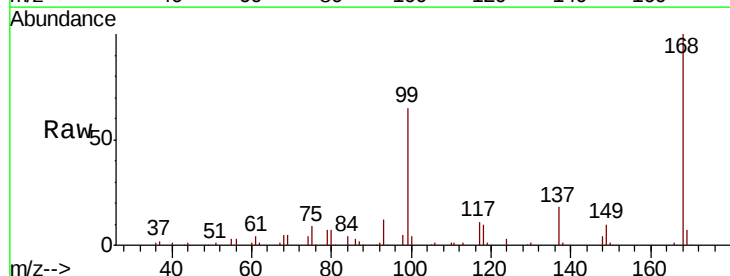
Abundance Ion 95.90 (95.60 to 96.60): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 97.90 (97.60 to 98.60): VU0



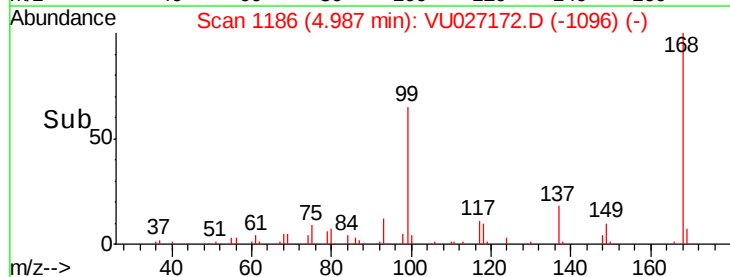
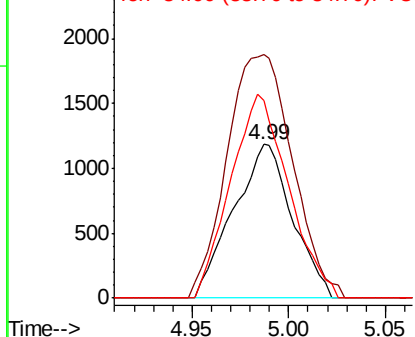
#31

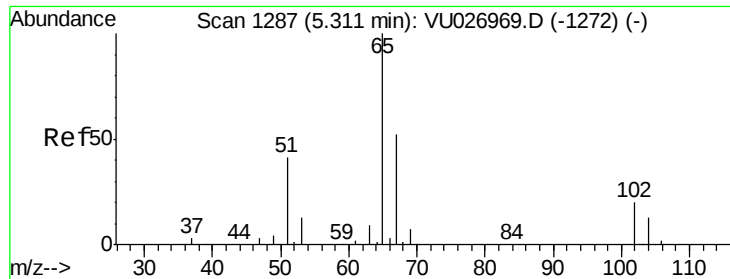
Cyclohexane
Concen: 0.337 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027172.D
Acq: 26 Sep 2018 13:06

Tgt Ion: 56 Resp: 2512
Ion Ratio Lower Upper
56 100
69 158.3 23.0 34.4#
84 128.8 61.4 92.2#



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

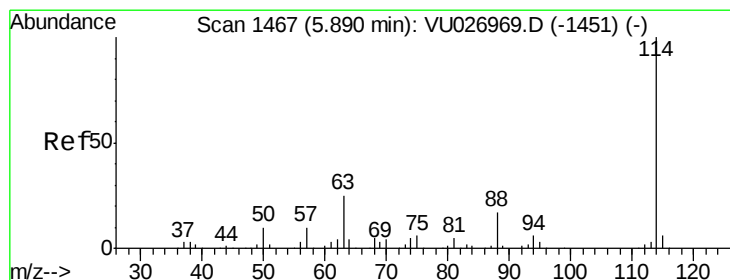
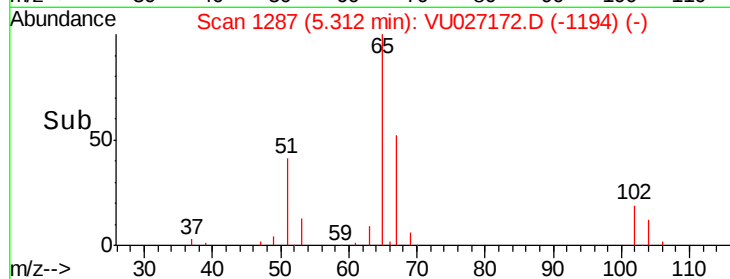
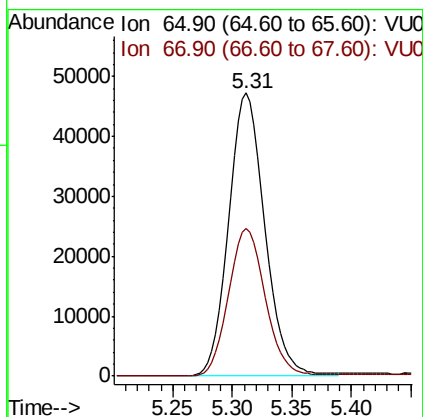
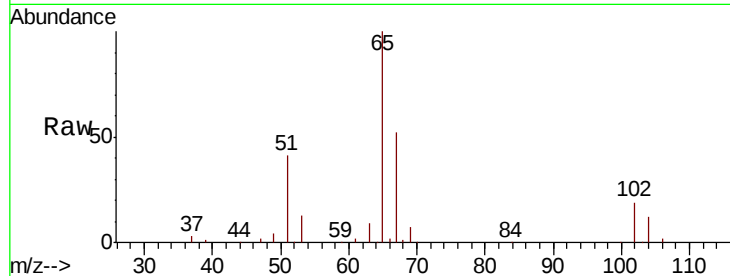




#33
 1,2-Dichloroethane-d4
 Concen: 53.734 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027172.D
 Acq: 26 Sep 2018 13:06

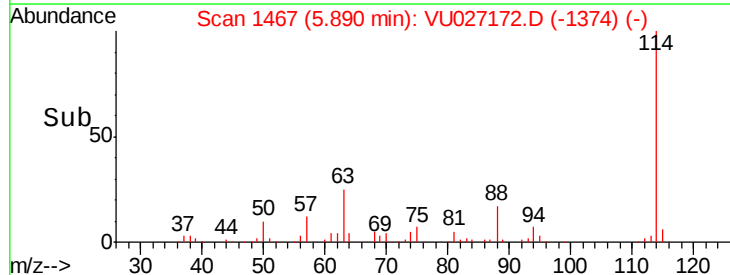
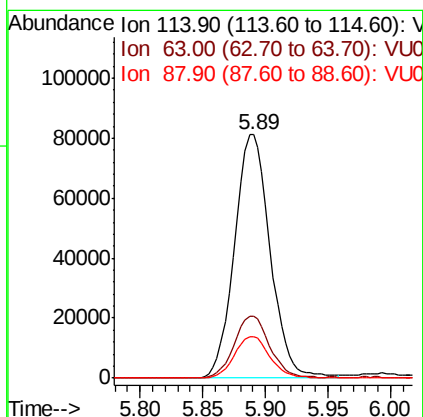
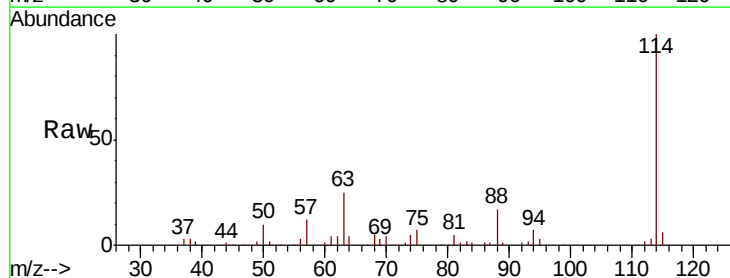
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17-092018

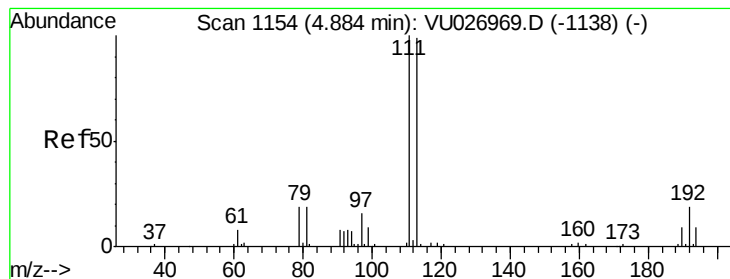
Tgt Ion: 65 Resp: 99770
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027172.D
 Acq: 26 Sep 2018 13:06

Tgt Ion: 114 Resp: 161042
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 49.2
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.757 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027172.D

Acq: 26 Sep 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

MW-17-092018

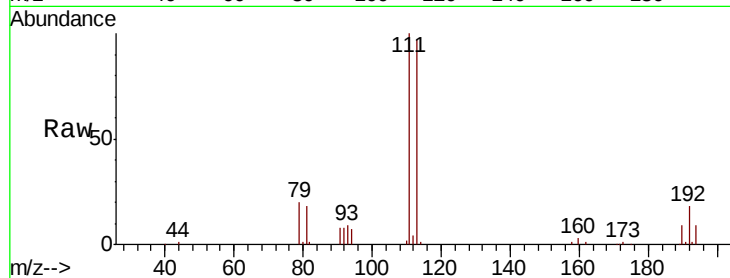
Tgt Ion:113 Resp: 68060

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

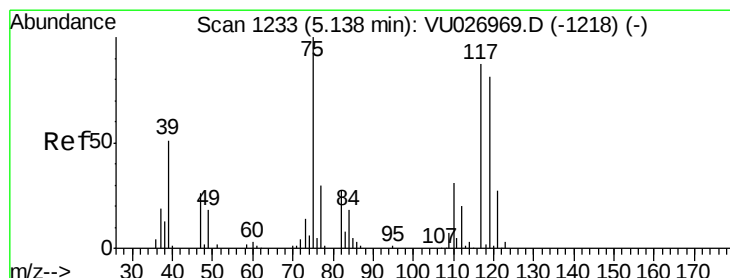
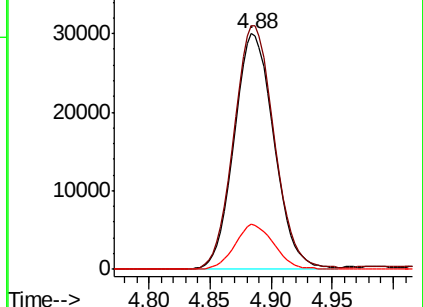
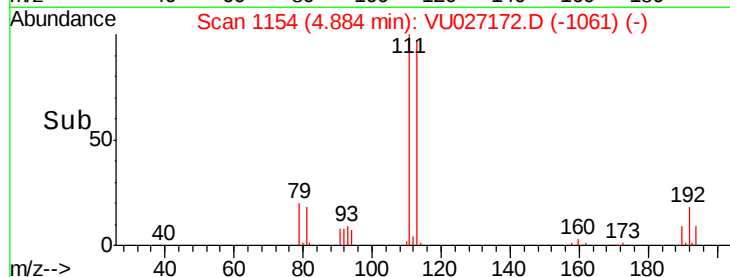
192 18.4 15.2 22.8



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



#36

1,1-Dichloropropene

Concen: 4.164 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027172.D

Acq: 26 Sep 2018 13:06

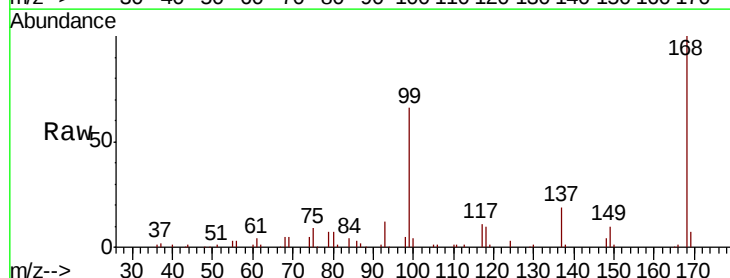
Tgt Ion: 75 Resp: 8949

Ion Ratio Lower Upper

75 100

110 6.5 16.1 48.2#

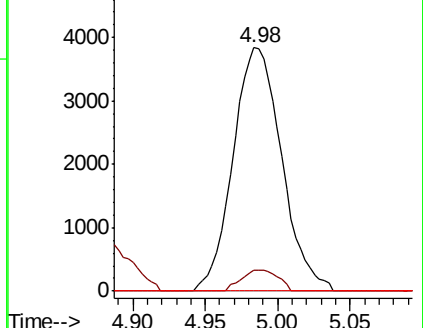
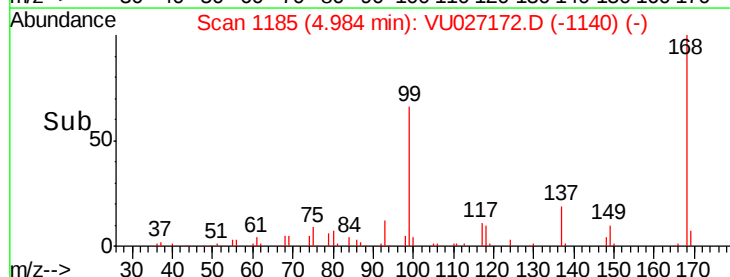
77 0.0 24.6 36.8#

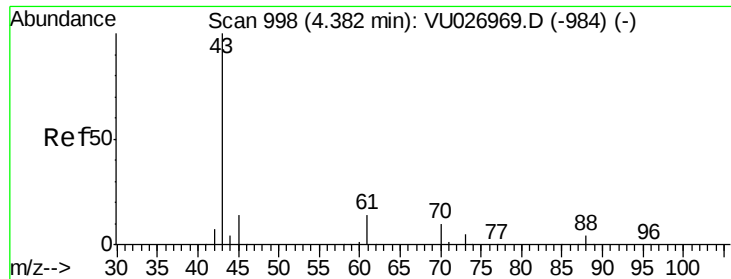


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 0.620 ug/l

RT: 4.40 min Scan# 1004

Delta R.T. 0.02 min

Lab File: VU027172.D

Acq: 26 Sep 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

MW-17-092018

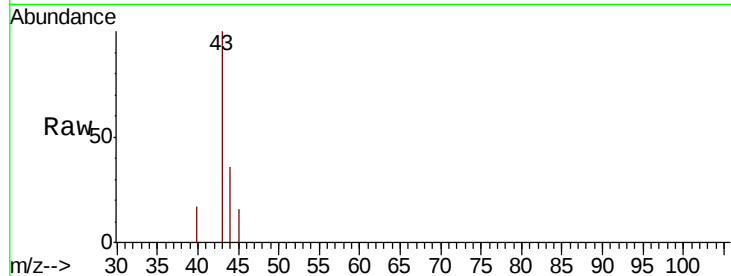
Tgt Ion: 43 Resp: 1805

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 0.0 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VU027172.D (-1004) (-)

Ion 60.90 (60.60 to 61.60): VU027172.D (-1004) (-)

Ion 70.00 (69.70 to 70.70): VU027172.D (-1004) (-)

4.40

600

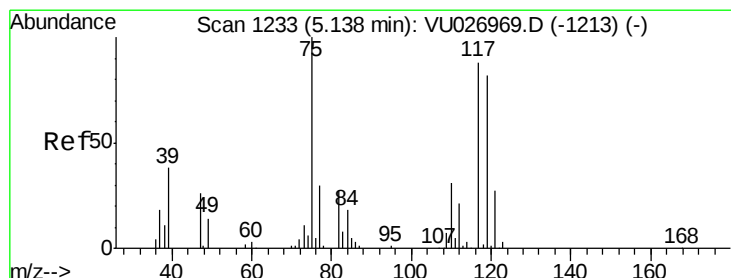
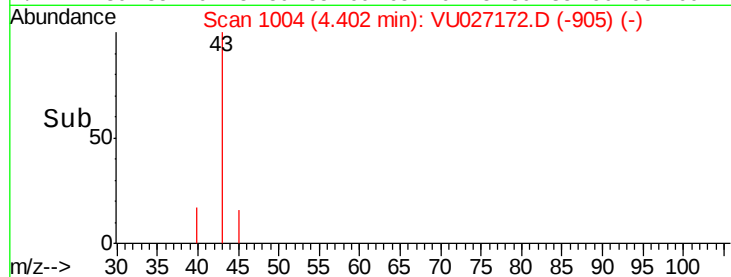
400

200

0

4.35 4.40 4.45 4.50

Time-->



#38

Carbon Tetrachloride

Concen: 4.824 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027172.D

Acq: 26 Sep 2018 13:06

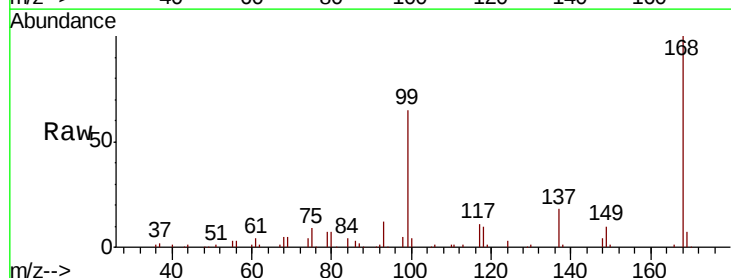
Tgt Ion: 117 Resp: 9866

Ion Ratio Lower Upper

117 100

119 5.4 74.4 111.6#

121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): VU027172.D (-1186) (-)

Ion 118.80 (118.50 to 119.50): VU027172.D (-1186) (-)

Ion 120.80 (120.50 to 121.50): VU027172.D (-1186) (-)

4.99

6000

5000

4000

3000

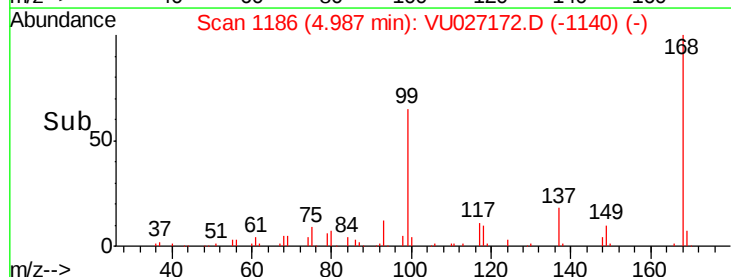
2000

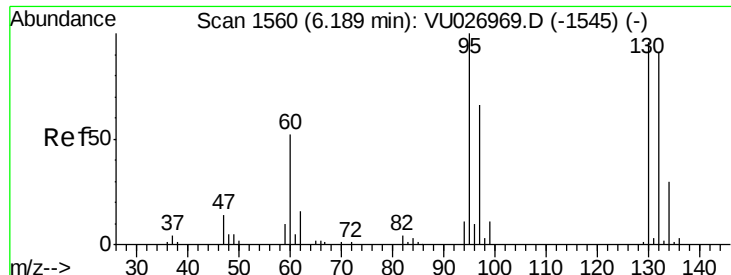
1000

0

4.90 4.95 5.00 5.05

Time-->





#44

Trichloroethene

Concen: 0.214 ug/l

RT: 6.20 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VU027172.D

Acq: 26 Sep 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

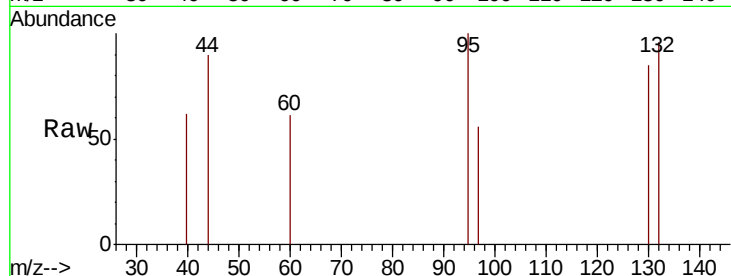
MW-17-092018

Tgt Ion:130 Resp: 297

Ion Ratio Lower Upper

130 100

95 117.5 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) (-)

300

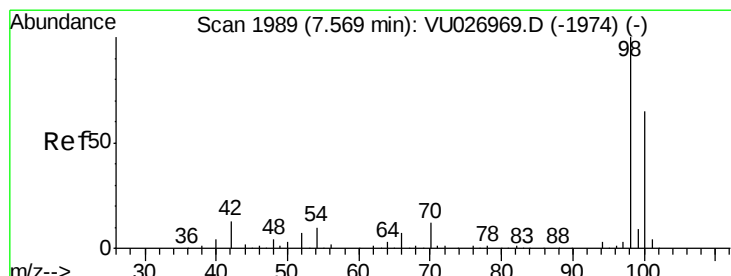
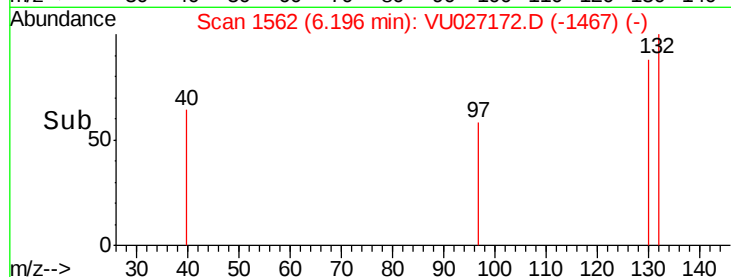
200

100

0

6.16 6.18 6.20 6.22

Time-->



#50

Toluene-d8

Concen: 47.691 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027172.D

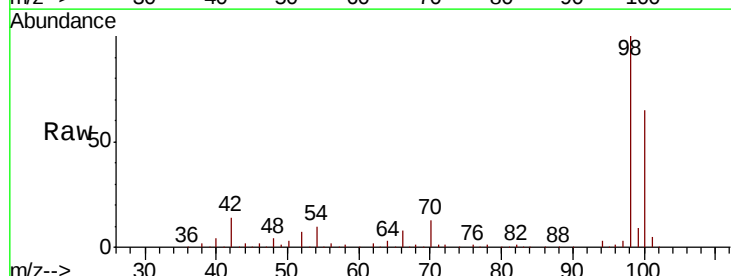
Acq: 26 Sep 2018 13:06

Tgt Ion: 98 Resp: 253711

Ion Ratio Lower Upper

98 100

100 62.9 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) (-)

150000

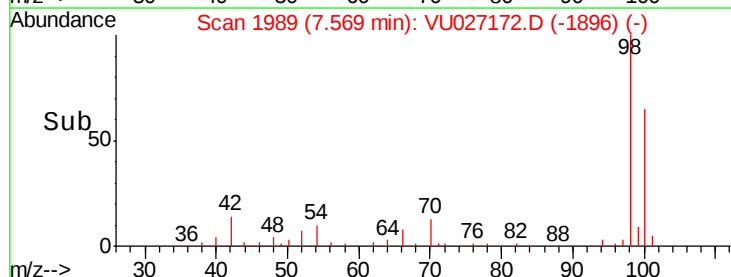
100000

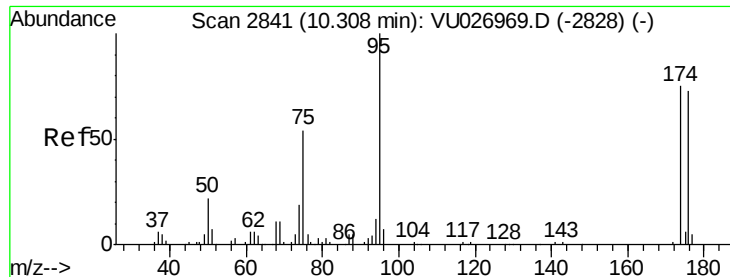
50000

0

7.50 7.55 7.60 7.65

Time-->

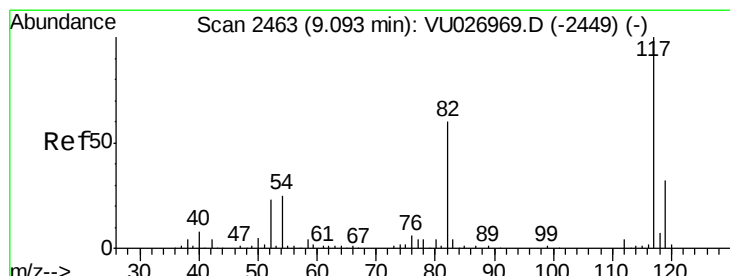
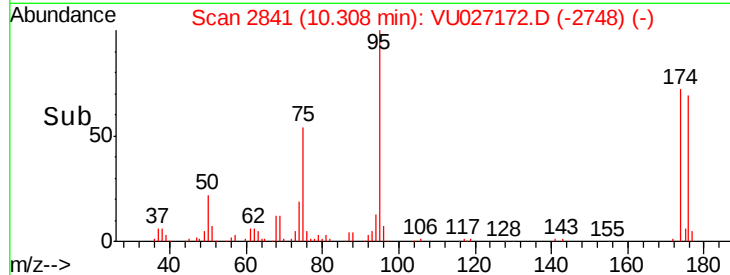
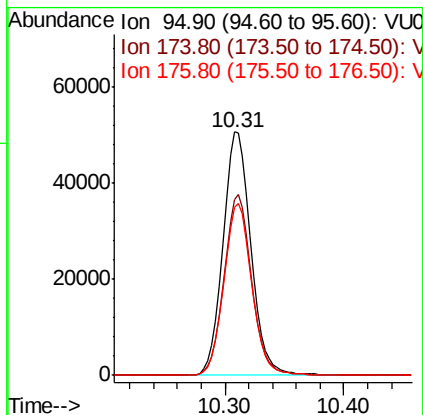
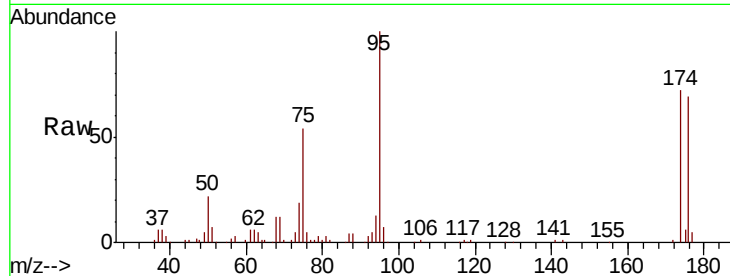




#62
 4-Bromofluorobenzene
 Concen: 45.047 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027172.D
 Acq: 26 Sep 2018 13:06

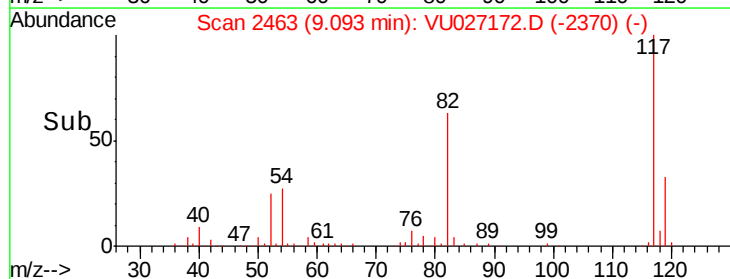
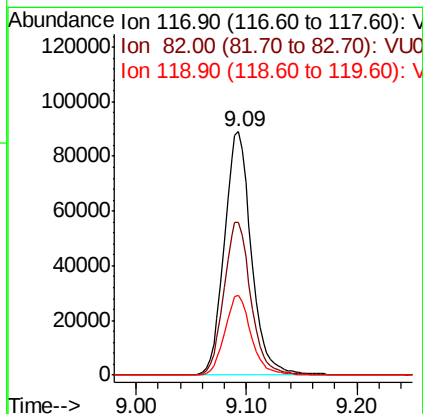
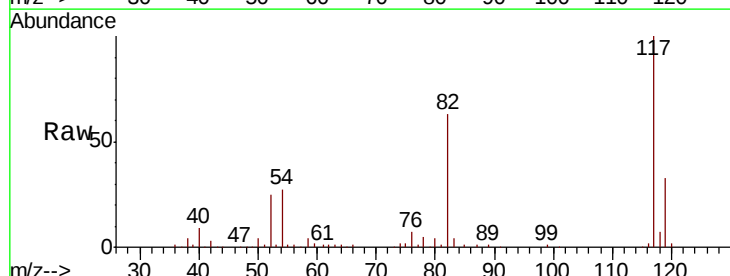
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-17-092018

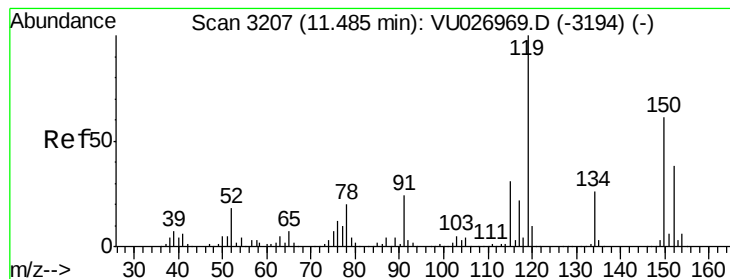
Tgt Ion: 95 Resp: 82229
 Ion Ratio Lower Upper
 95 100
 174 73.4 0.0 150.2
 176 70.6 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VU027172.D
 Acq: 26 Sep 2018 13:06

Tgt Ion: 117 Resp: 151431
 Ion Ratio Lower Upper
 117 100
 82 62.7 48.0 72.0
 119 32.7 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027172.D

Acq: 26 Sep 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

MW-17-092018

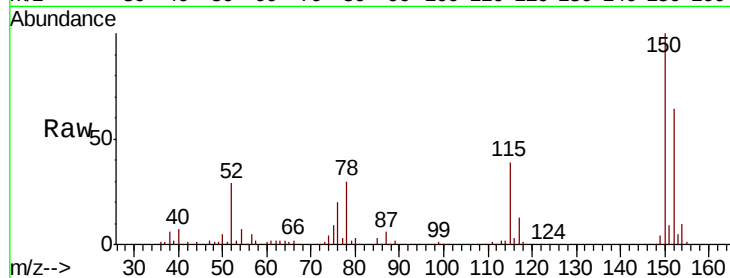
Tgt Ion: 152 Resp: 69685

Ion Ratio Lower Upper

152 100

115 61.3 44.9 134.5

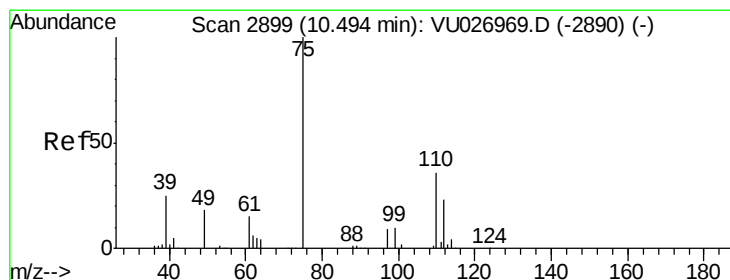
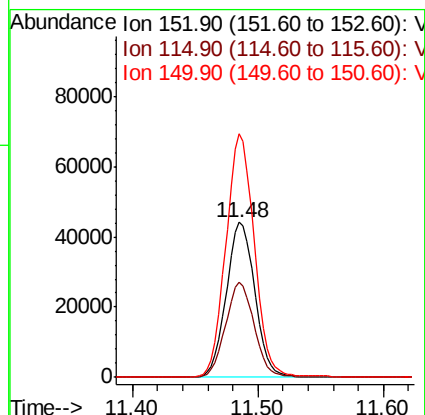
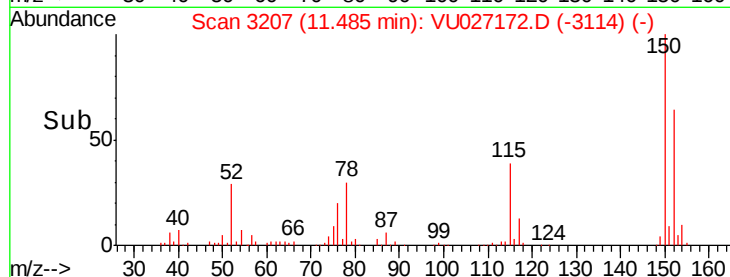
150 155.9 0.0 355.8



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



#76

1,2,3-Trichloropropane

Concen: 21.154 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU027172.D

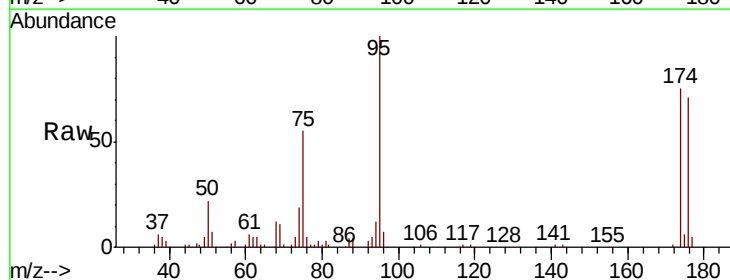
Acq: 26 Sep 2018 13:06

Tgt Ion: 75 Resp: 44784

Ion Ratio Lower Upper

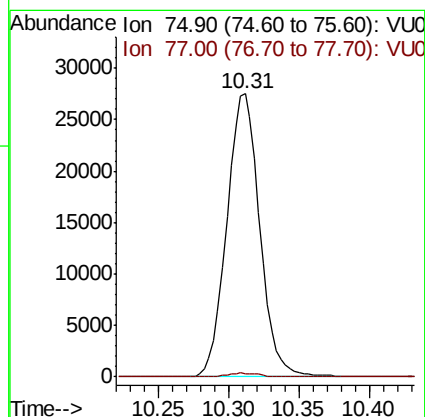
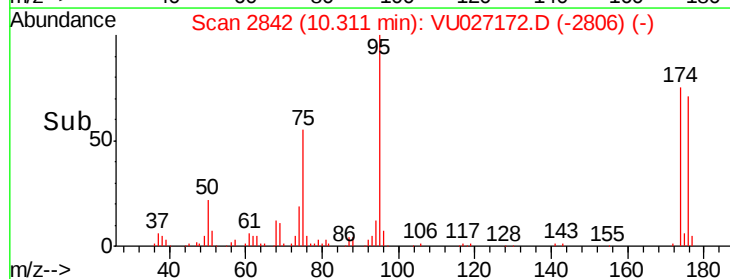
75 100

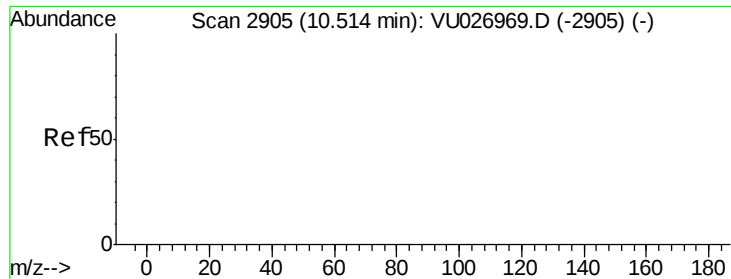
77 1.2 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 67.698 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.20 min

Lab File: VU027172.D

Acq: 26 Sep 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

MW-17-092018

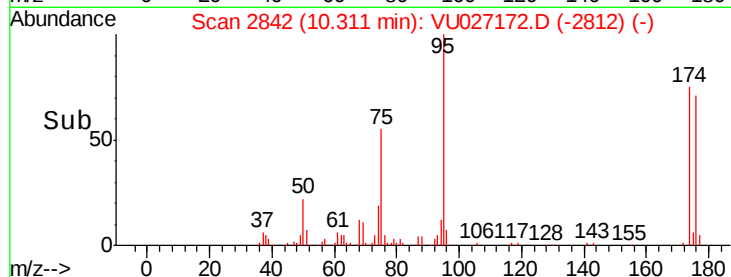
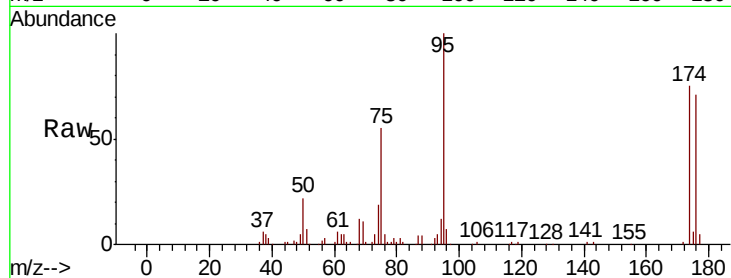
Tgt Ion: 75 Resp: 44784

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

