

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092218\
 Data File : VU026987.D
 Acq On : 21 Sep 2018 23:11
 Operator : MD/SY
 Sample : J4916-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW126D-20180911

Quant Time: Sep 22 02:24:32 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	78488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	155864	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	156934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77335	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	91656	58.02	ug/l	0.00
Spiked Amount 50.000			Recovery =	116.04%		
35) Dibromofluoromethane	4.88	113	69743	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.24%		
50) Toluene-d8	7.57	98	245652	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.42%		
62) 4-Bromofluorobenzene	10.31	95	86596	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.02%		

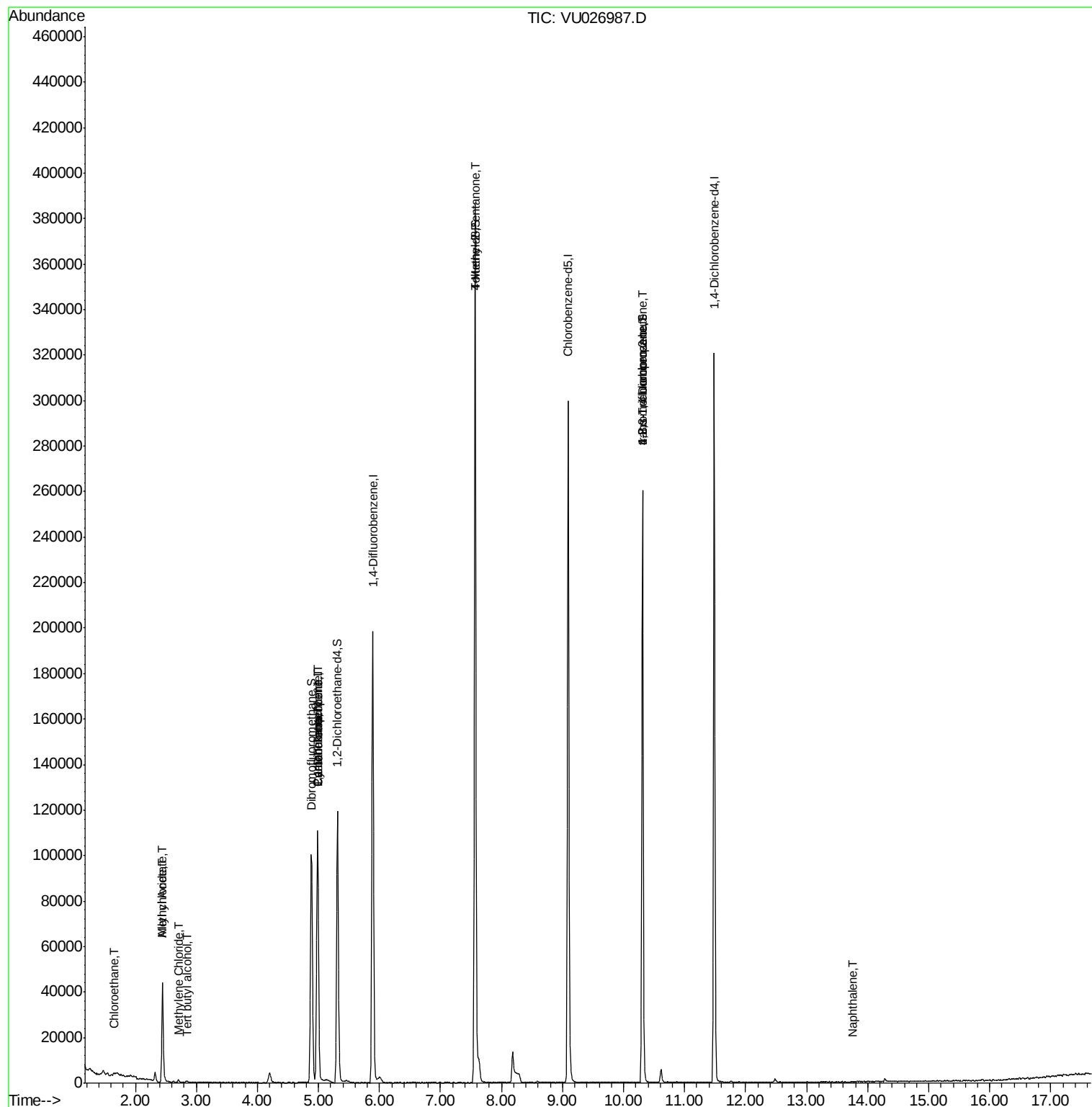
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.66	64	307	0.291	ug/l #	43
11) Tert butyl alcohol	2.84	59	591	1.632	ug/l #	72
14) Allyl chloride	2.44	41	4119	1.873	ug/l #	70
16) Acetone	2.32	43	4768	Below Cal		90
18) Methyl Acetate	2.45	43	11027	4.904	ug/l #	55
20) Methylene Chloride	2.70	84	387	0.274	ug/l #	93
31) Cyclohexane	4.98	56	1996	0.276	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	7557	3.633	ug/l #	50
38) Carbon Tetrachloride	4.99	117	8113	4.098	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1111	0.402	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	46998	20.004	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	46998	64.017	ug/l #	100
95) Naphthalene	13.76	128	20	1.692	ug/l #	69

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

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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: VU026987.D

Acq: 21 Sep 2018 23:11

Instrument :

MSVOA_U

ClientSampleId :

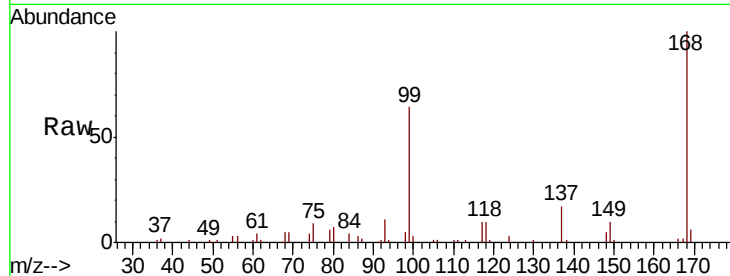
SA-MW126D-20180911

Tgt Ion:168 Resp: 78488

Ion Ratio Lower Upper

168 100

99 64.4 48.1 72.1



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

Ion 98.90 (98.60 to 99.60): VU026969.D

4.99

40000

30000

20000

10000

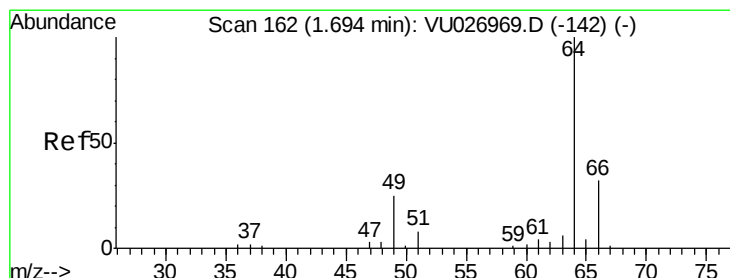
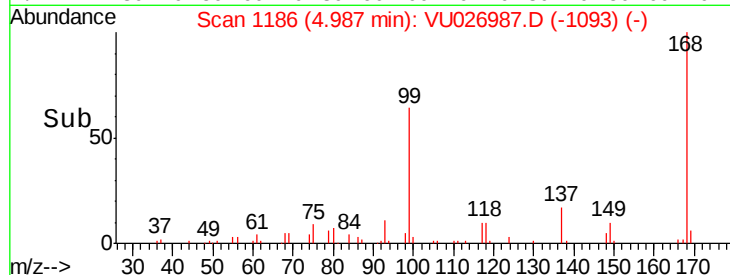
0

4.90

5.00

5.10

Time-->



#6

Chloroethane

Concen: 0.291 ug/l

RT: 1.66 min Scan# 151

Delta R.T. -0.04 min

Lab File: VU026987.D

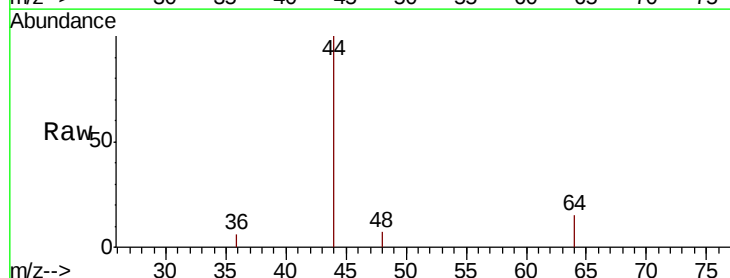
Acq: 21 Sep 2018 23:11

Tgt Ion: 64 Resp: 307

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D

Ion 65.90 (65.60 to 66.60): VU026969.D

1.66

600

500

400

300

200

100

0

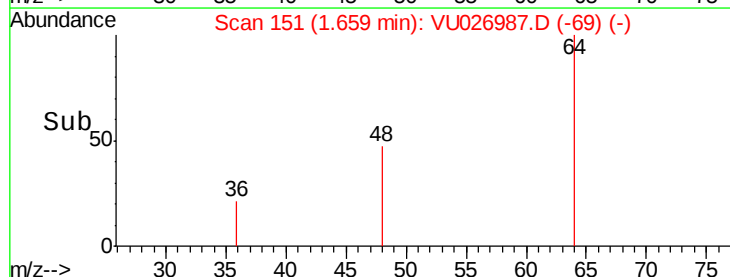
1.62

1.64

1.66

1.68

Time-->



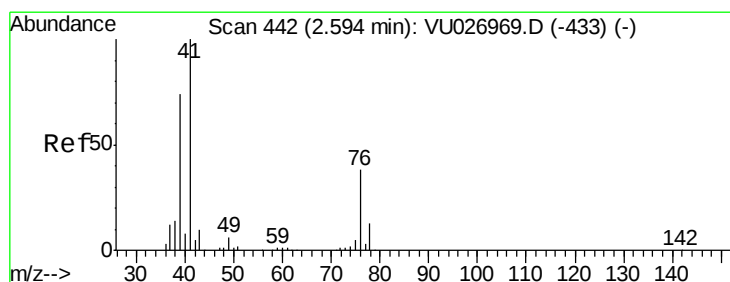
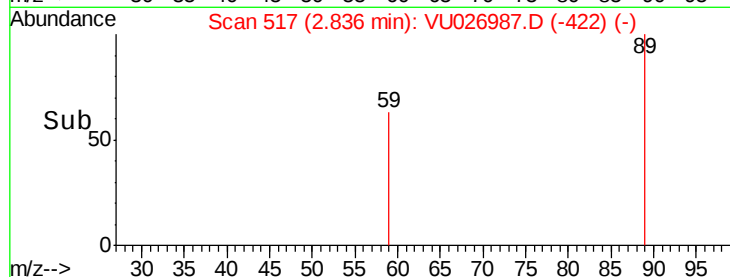
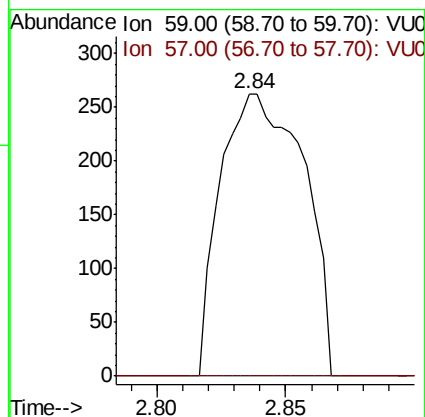
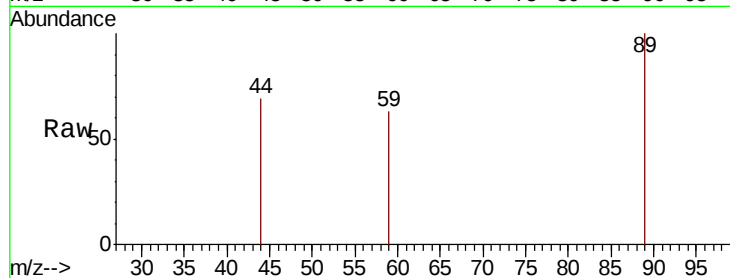


#11

Tert butyl alcohol
 Concen: 1.632 ug/l
 RT: 2.84 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW126D-20180911

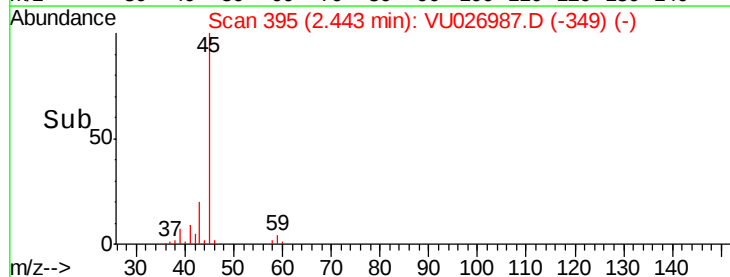
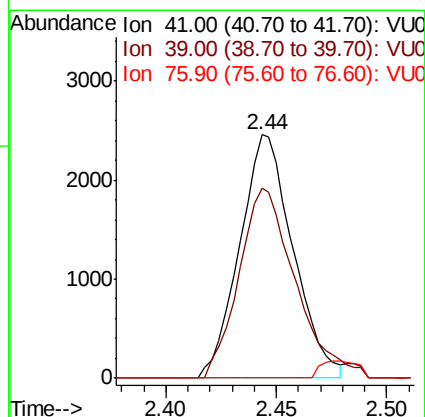
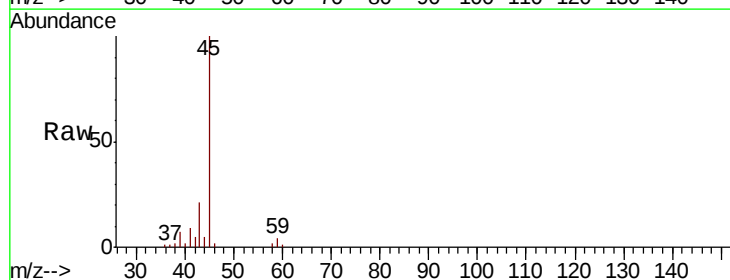
Tgt Ion: 59 Resp: 591
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#



#14

Allyl chloride
 Concen: 1.873 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

Tgt Ion: 41 Resp: 4119
 Ion Ratio Lower Upper
 41 100
 39 82.8 55.7 83.5
 76 0.0 26.5 39.7#





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026987.D

Acq: 21 Sep 2018 23:11

Instrument :

MSVOA_U

ClientSampleId :

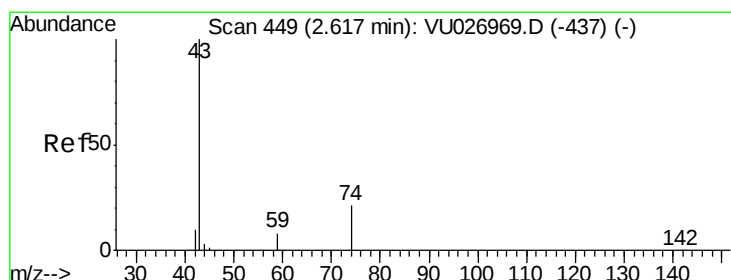
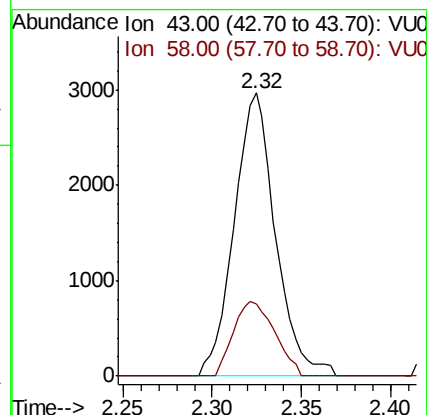
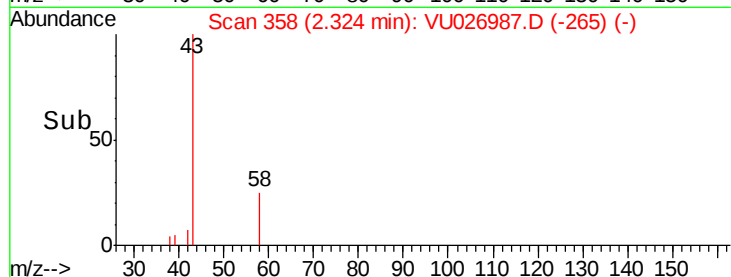
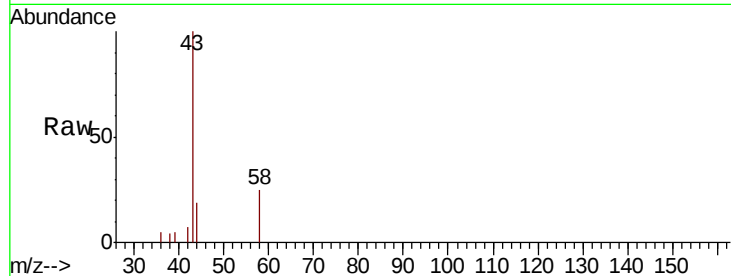
SA-MW126D-20180911

Tgt Ion: 43 Resp: 4768

Ion Ratio Lower Upper

43 100

58 25.3 24.6 36.8



#18

Methyl Acetate

Concen: 4.904 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.17 min

Lab File: VU026987.D

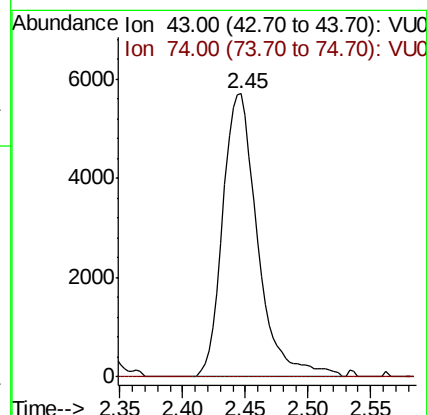
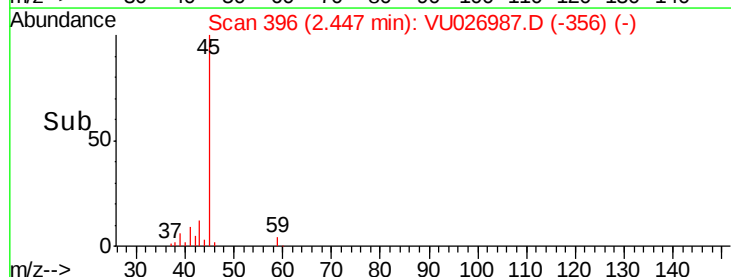
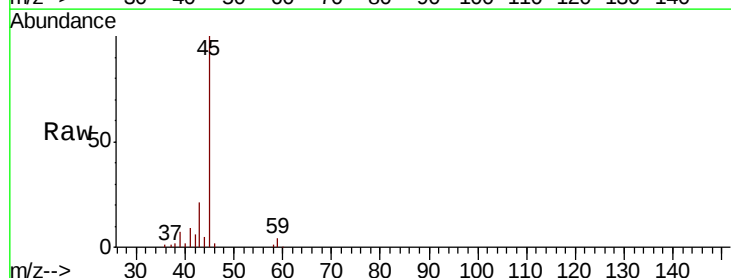
Acq: 21 Sep 2018 23:11

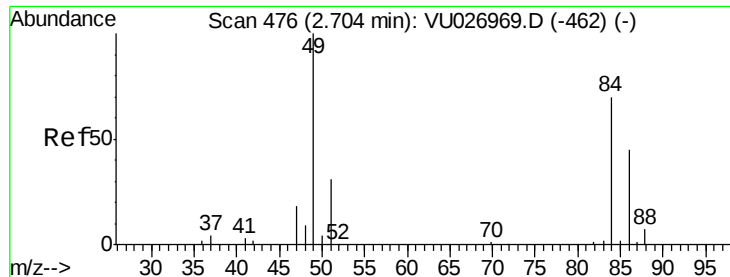
Tgt Ion: 43 Resp: 11027

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#

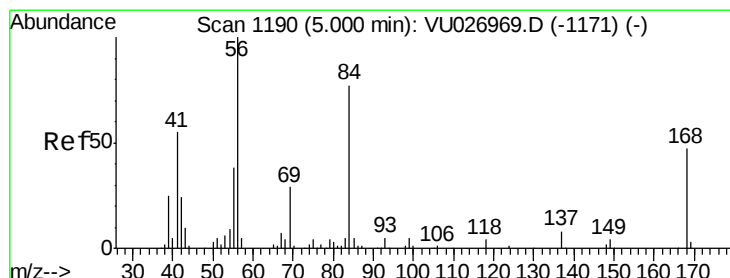
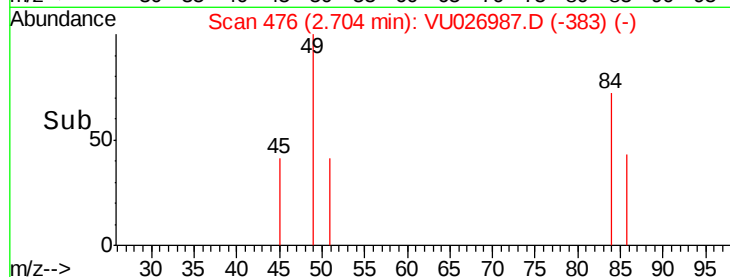
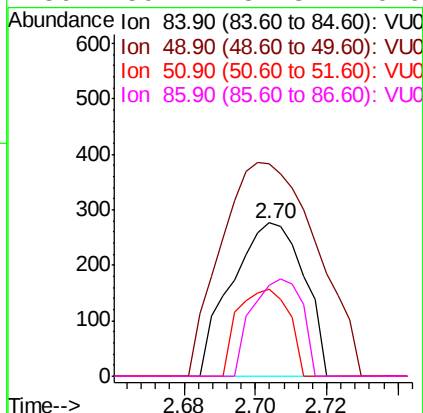
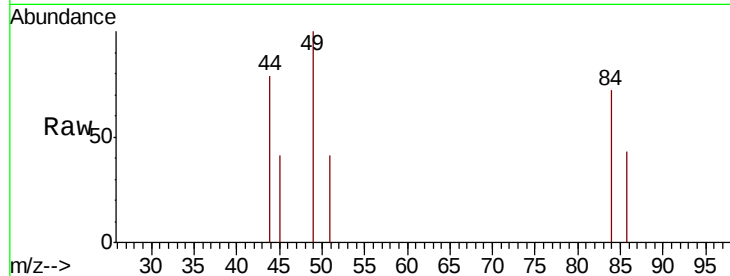




#20
Methylene Chloride
Concen: 0.274 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU026987.D
Acq: 21 Sep 2018 23:11

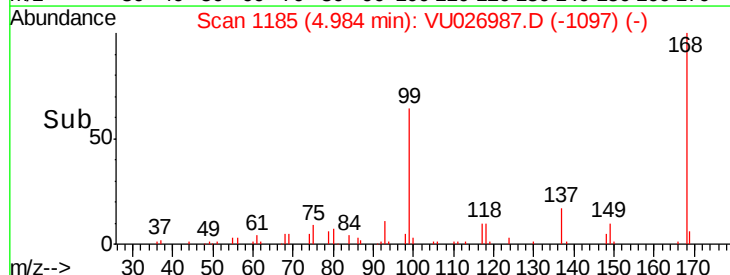
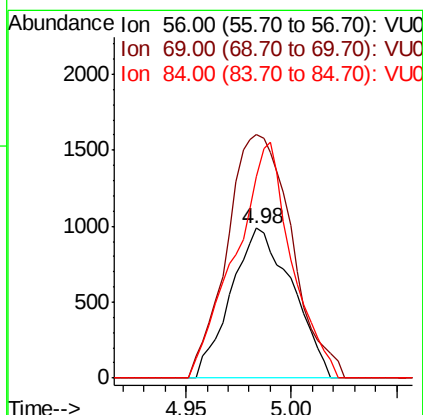
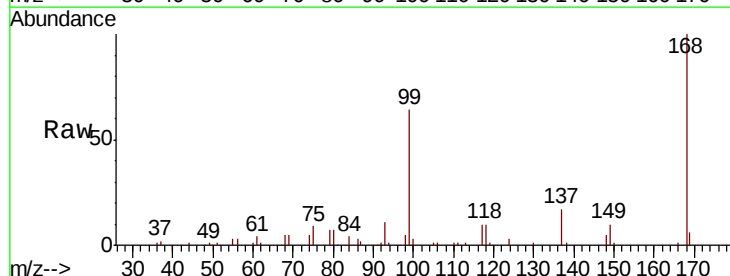
Instrument :
MSVOA_U
ClientSampleId :
SA-MW126D-20180911

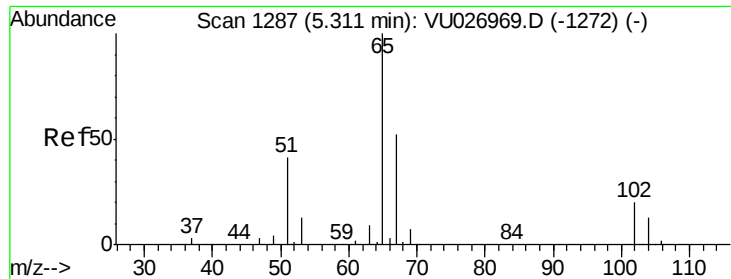
Tgt Ion:	84	Resp:	387
Ion	Ratio	Lower	Upper
84	100		
49	138.4	114.9	172.3
51	56.5	35.8	53.8#
86	59.4	51.3	76.9



#31
Cyclohexane
Concen: 0.276 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU026987.D
Acq: 21 Sep 2018 23:11

Tgt Ion:	56	Resp:	1996
Ion	Ratio	Lower	Upper
56	100		
69	162.7	23.0	34.4#
84	134.8	61.4	92.2#

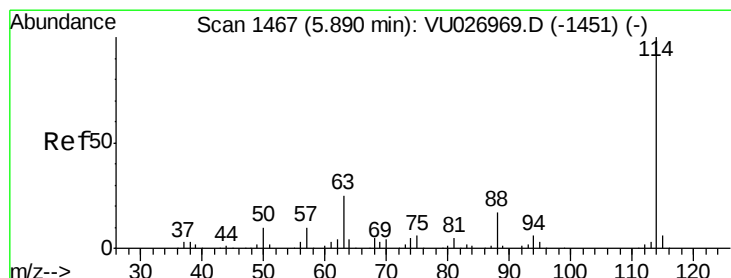
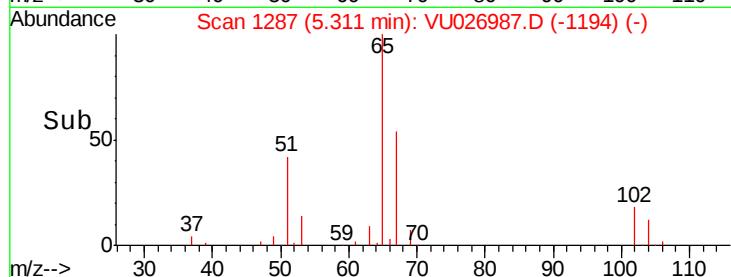
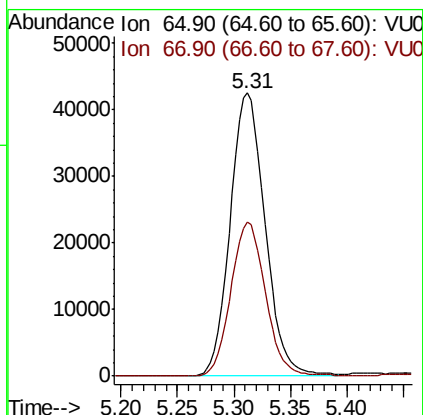
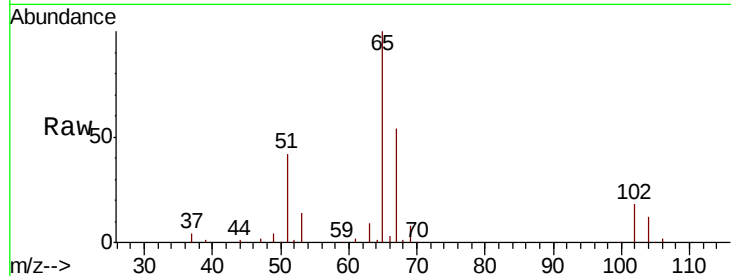




#33
 1,2-Dichloroethane-d4
 Concen: 58.021 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

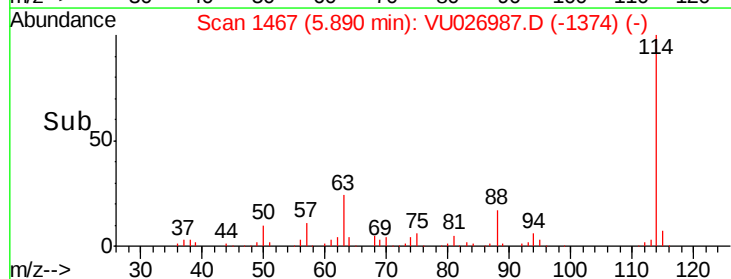
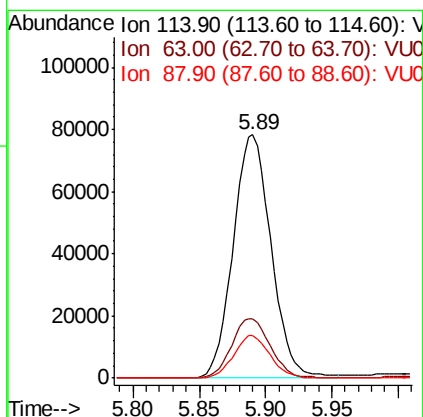
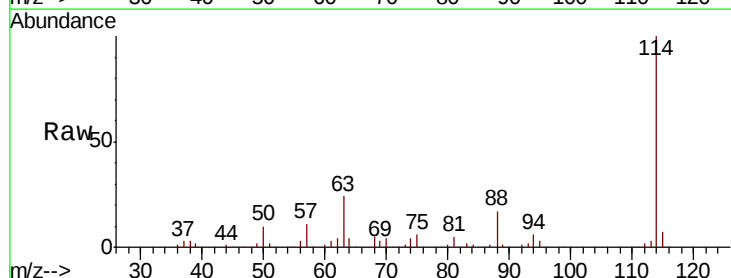
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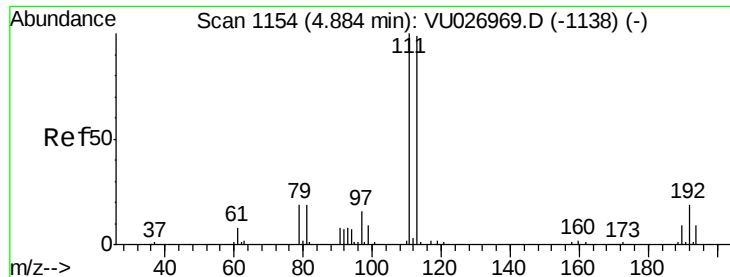
Tgt Ion: 65 Resp: 91656
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

Tgt Ion: 114 Resp: 155864
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 17.3 0.0 33.8

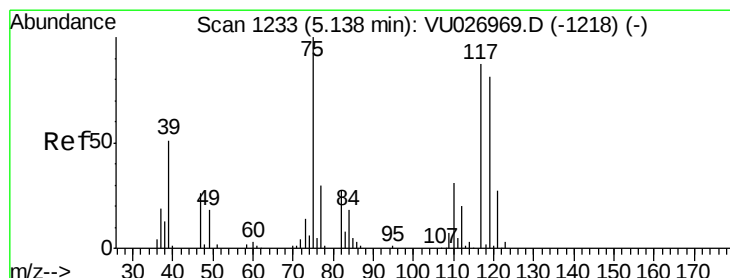
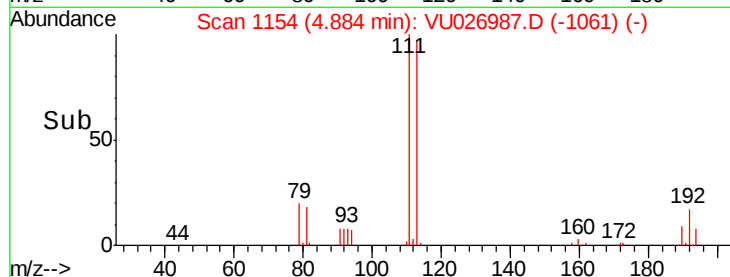
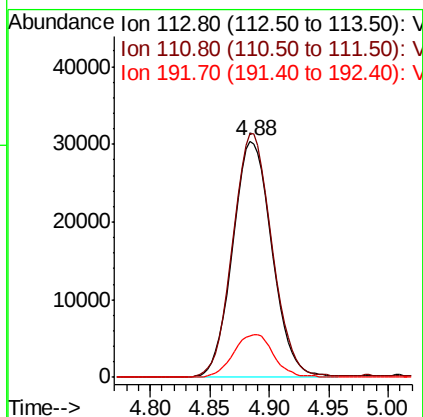
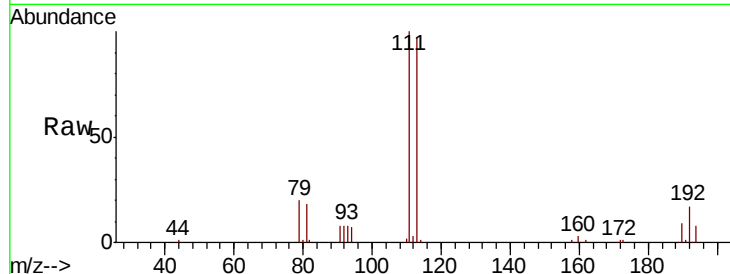




#35
 Dibromofluoromethane
 Concen: 51.622 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

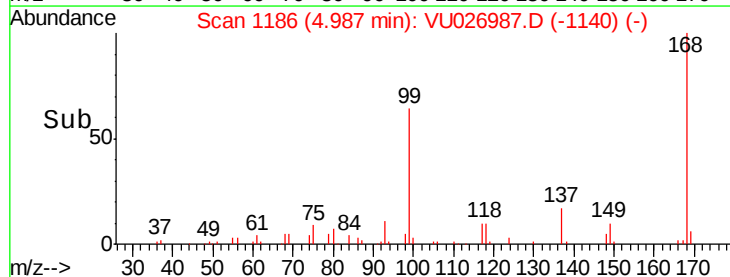
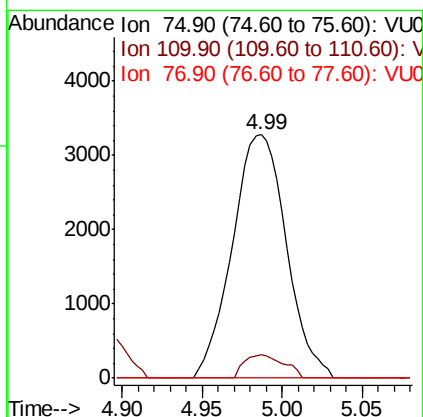
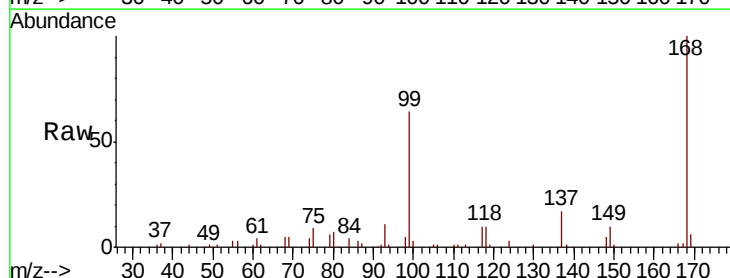
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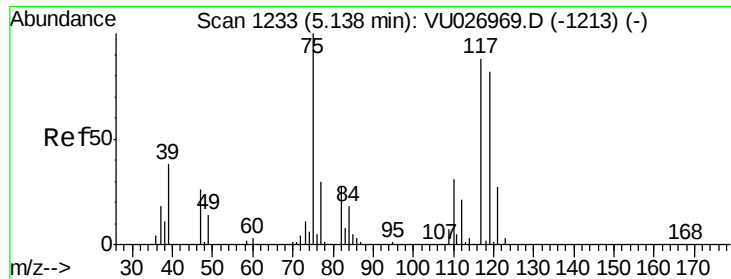
Tgt Ion:113 Resp: 69743
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 18.5 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 3.633 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

Tgt Ion: 75 Resp: 7557
 Ion Ratio Lower Upper
 75 100
 110 7.1 16.1 48.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.098 ug/l

RT: 4.99 min Scan# 1187

Delta R.T. -0.15 min

Lab File: VU026987.D

Acq: 21 Sep 2018 23:11

Instrument :

MSVOA_U

ClientSampleId :

SA-MW126D-20180911

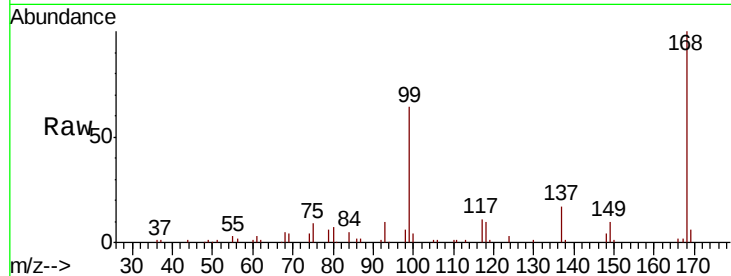
Tgt Ion:117 Resp: 8113

Ion Ratio Lower Upper

117 100

119 6.1 74.4 111.6#

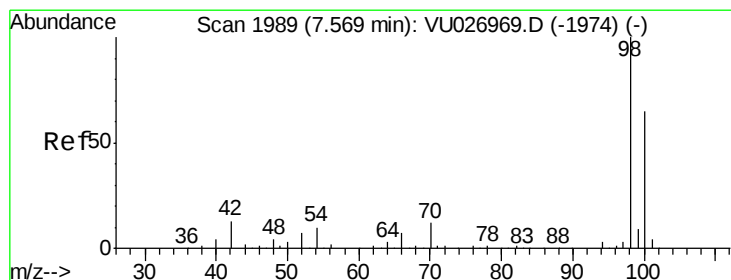
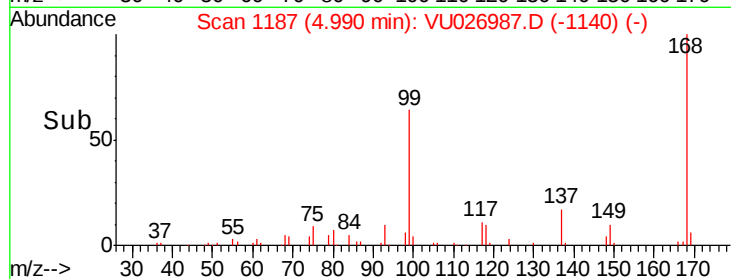
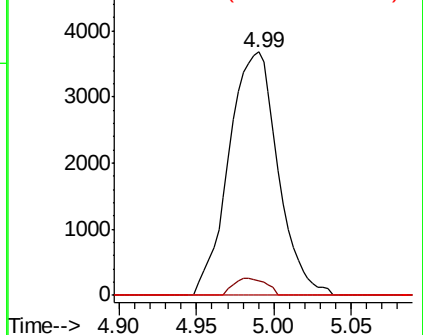
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 47.710 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026987.D

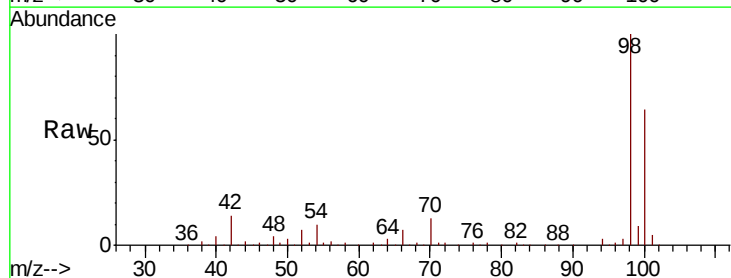
Acq: 21 Sep 2018 23:11

Tgt Ion: 98 Resp: 245652

Ion Ratio Lower Upper

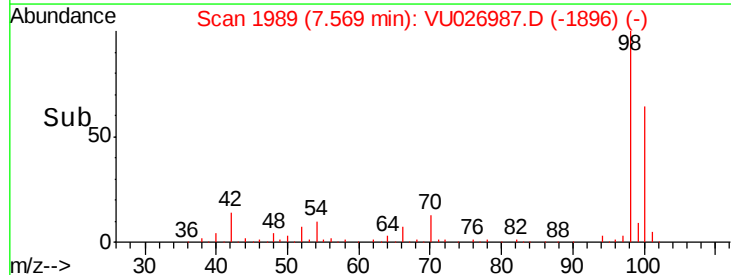
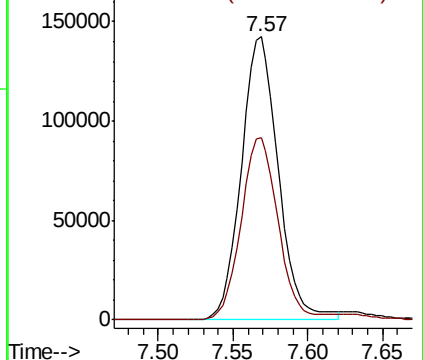
98 100

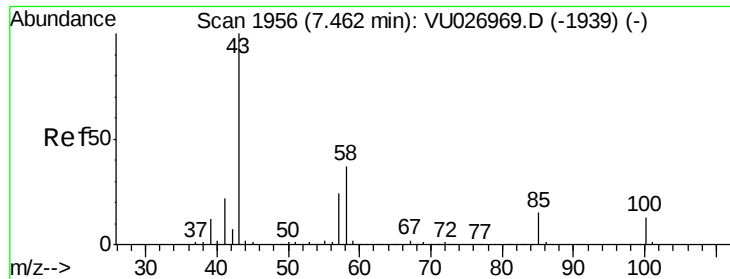
100 64.1 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

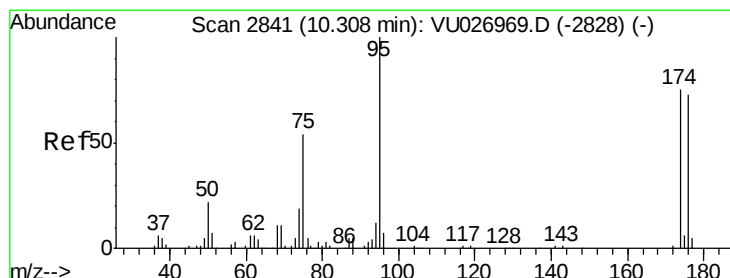
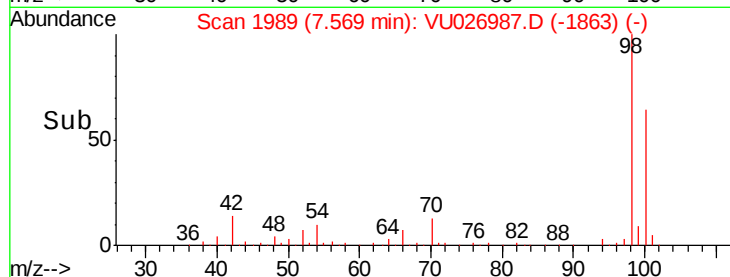
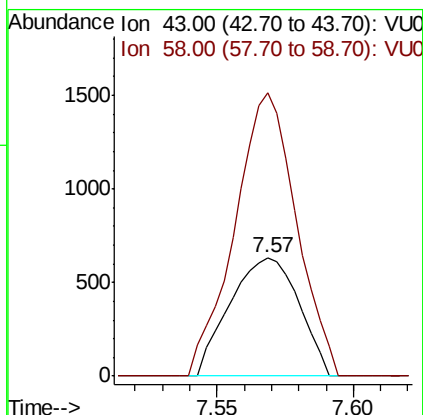
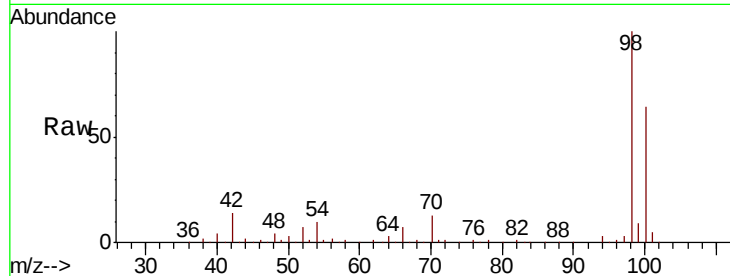




#51
 4-Methyl-2-Pentanone
 Concen: 0.402 ug/l
 RT: 7.57 min Scan# 1989
 Delta R.T. 0.11 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

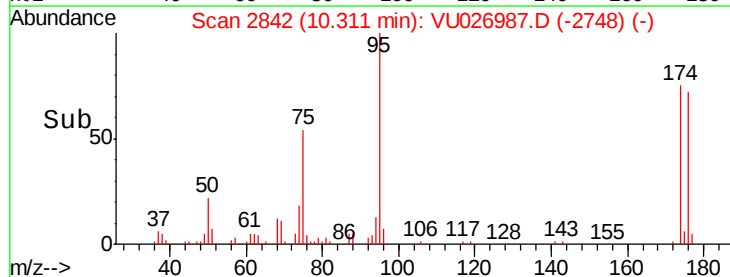
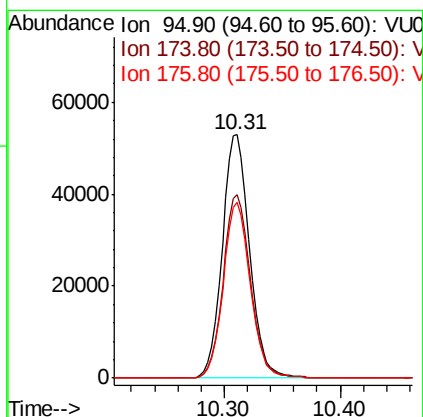
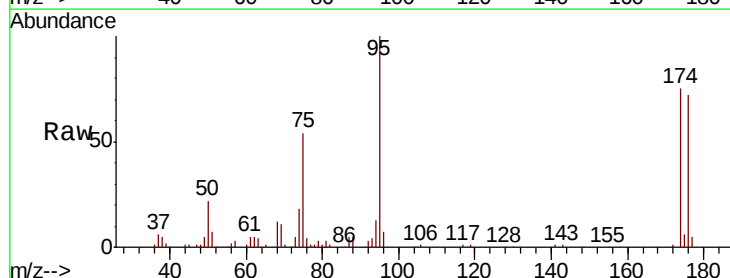
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW126D-20180911

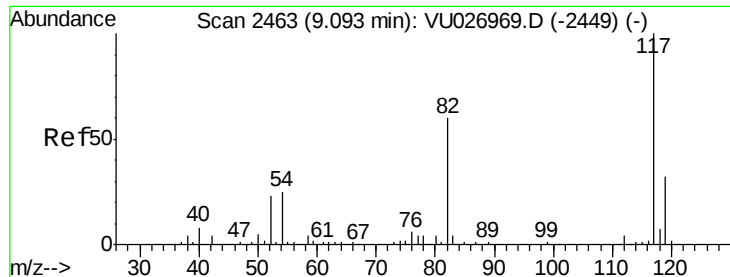
Tgt Ion: 43 Resp: 1111
 Ion Ratio Lower Upper
 43 100
 58 213.0 29.8 44.6#



#62
 4-Bromofluorobenzene
 Concen: 49.015 ug/l
 RT: 10.31 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

Tgt Ion: 95 Resp: 86596
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 150.2
 176 71.7 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: VU026987.D

Acq: 21 Sep 2018 23:11

Instrument :

MSVOA_U

ClientSampleId :

SA-MW126D-20180911

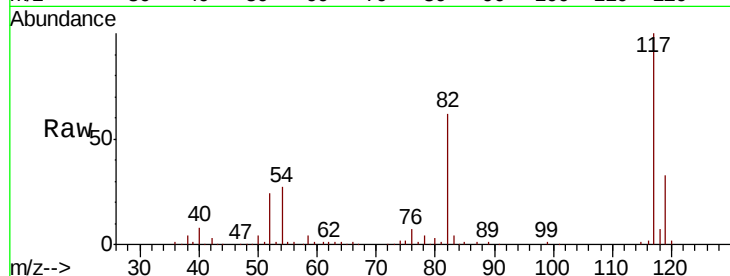
Tgt Ion:117 Resp: 156934

Ion Ratio Lower Upper

117 100

82 62.2 48.0 72.0

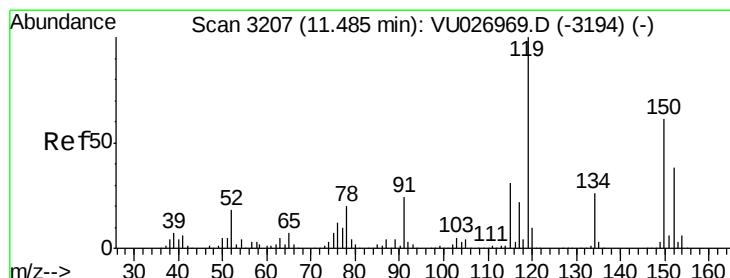
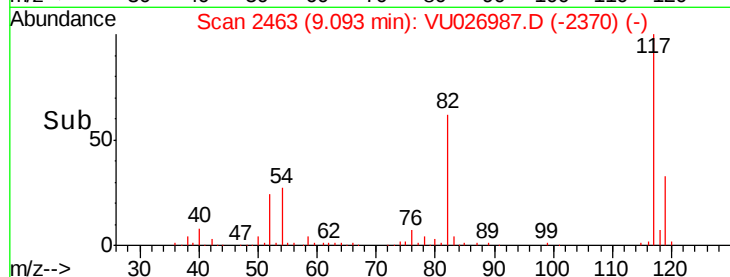
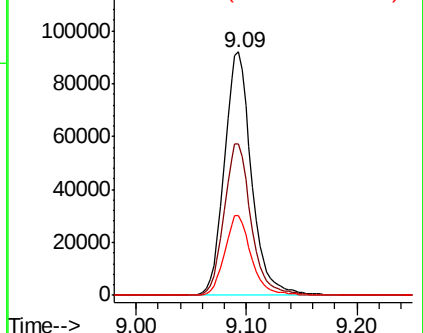
119 32.7 25.8 38.8



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026987.D

Acq: 21 Sep 2018 23:11

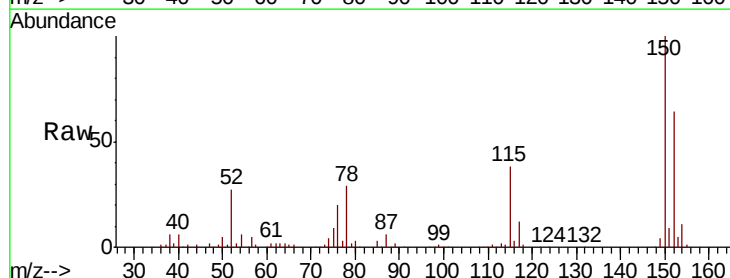
Tgt Ion:152 Resp: 77335

Ion Ratio Lower Upper

152 100

115 59.8 44.9 134.5

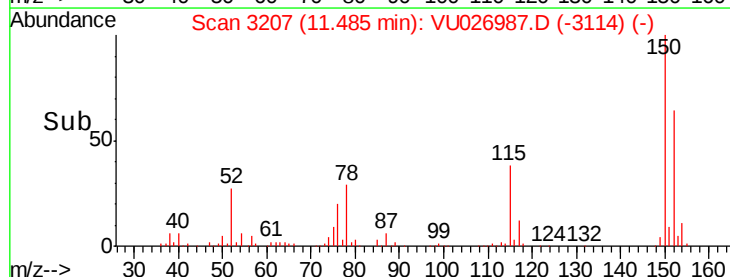
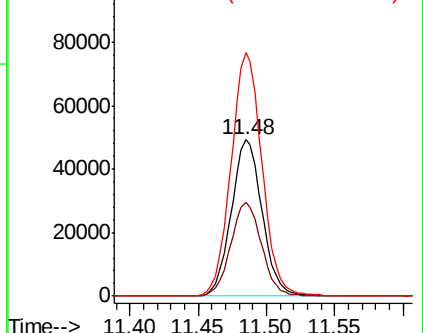
150 156.3 0.0 355.8

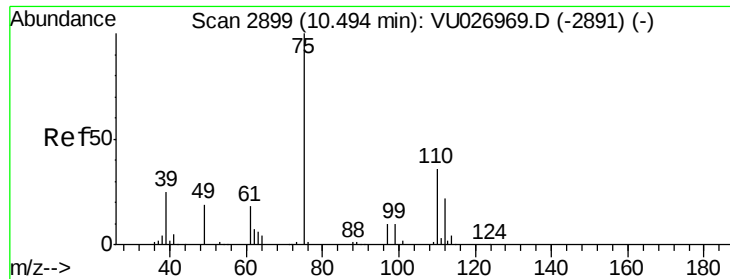


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

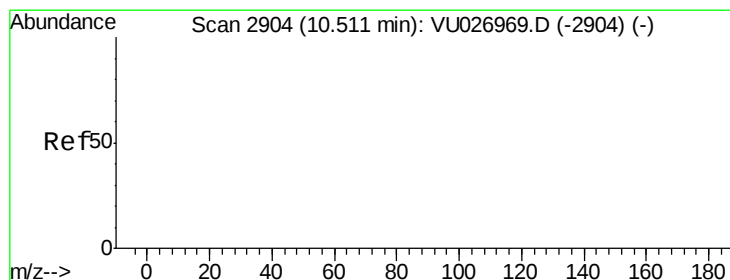
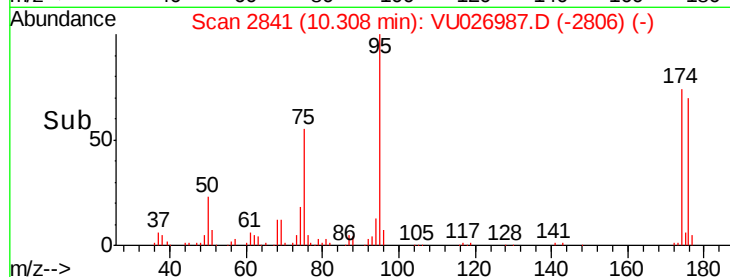
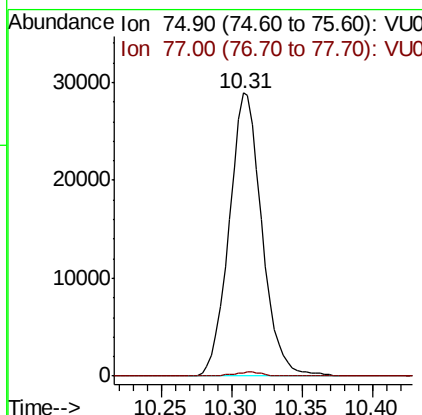
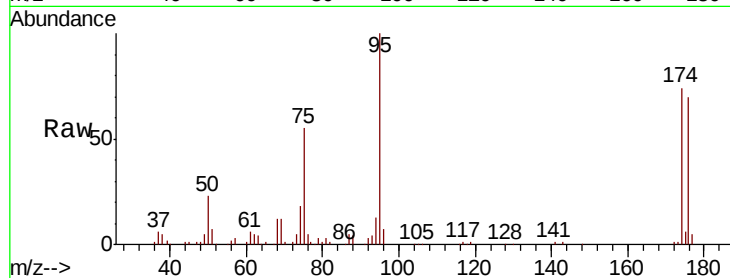




#76
 1,2,3-Trichloropropane
 Concen: 20.004 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

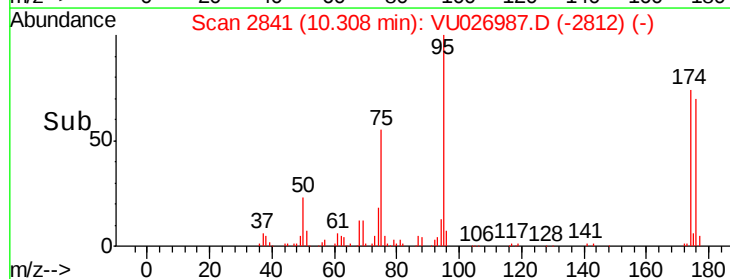
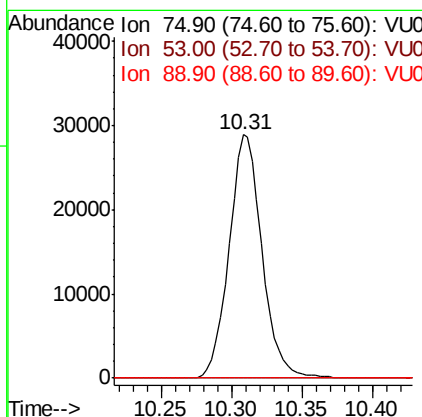
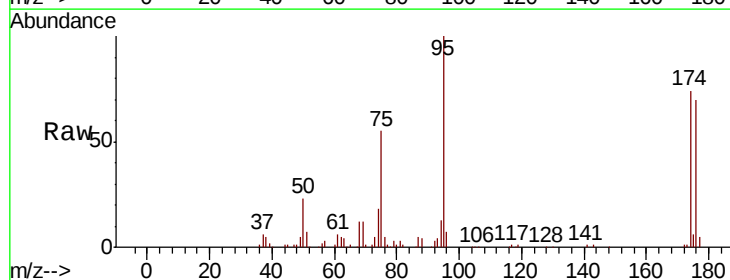
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW126D-20180911

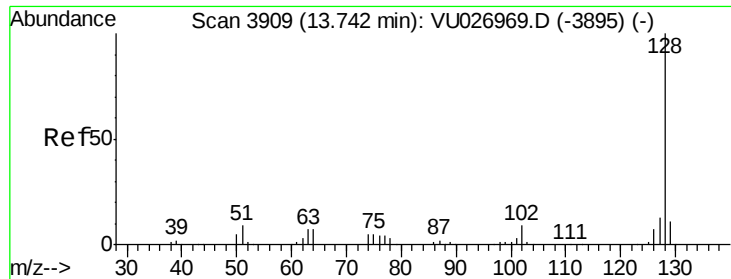
Tgt Ion: 75 Resp: 46998
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.017 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.21 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

Tgt Ion: 75 Resp: 46998
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

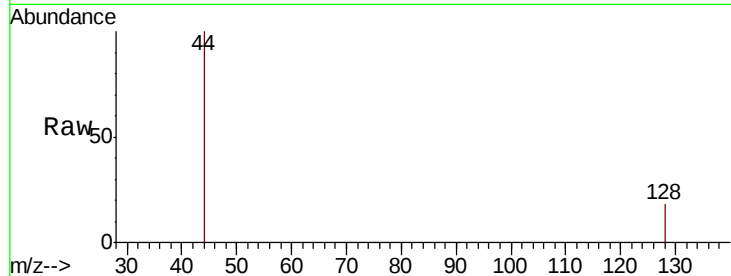




#95
 Naphthalene
 Concen: 1.692 ug/l
 RT: 13.76 min Scan# 3914
 Delta R.T. 0.02 min
 Lab File: VU026987.D
 Acq: 21 Sep 2018 23:11

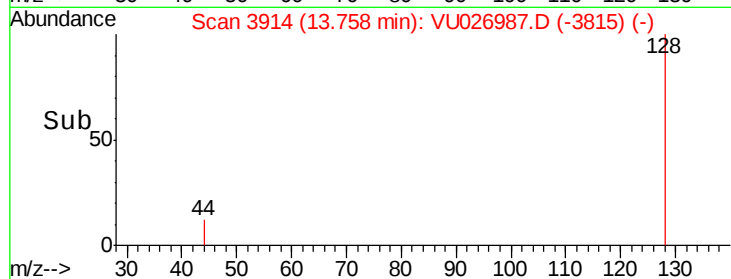
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW126D-20180911

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	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

13.76



Time-->