

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027144.D
 Acq On : 25 Sep 2018 22:36
 Operator : MD/SY
 Sample : J5032-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-1

Quant Time: Sep 26 06:01:54 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	91045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	156566	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68435	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	97399	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
35) Dibromofluoromethane	4.89	113	67325	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	7.57	98	250944	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	10.31	95	81329	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

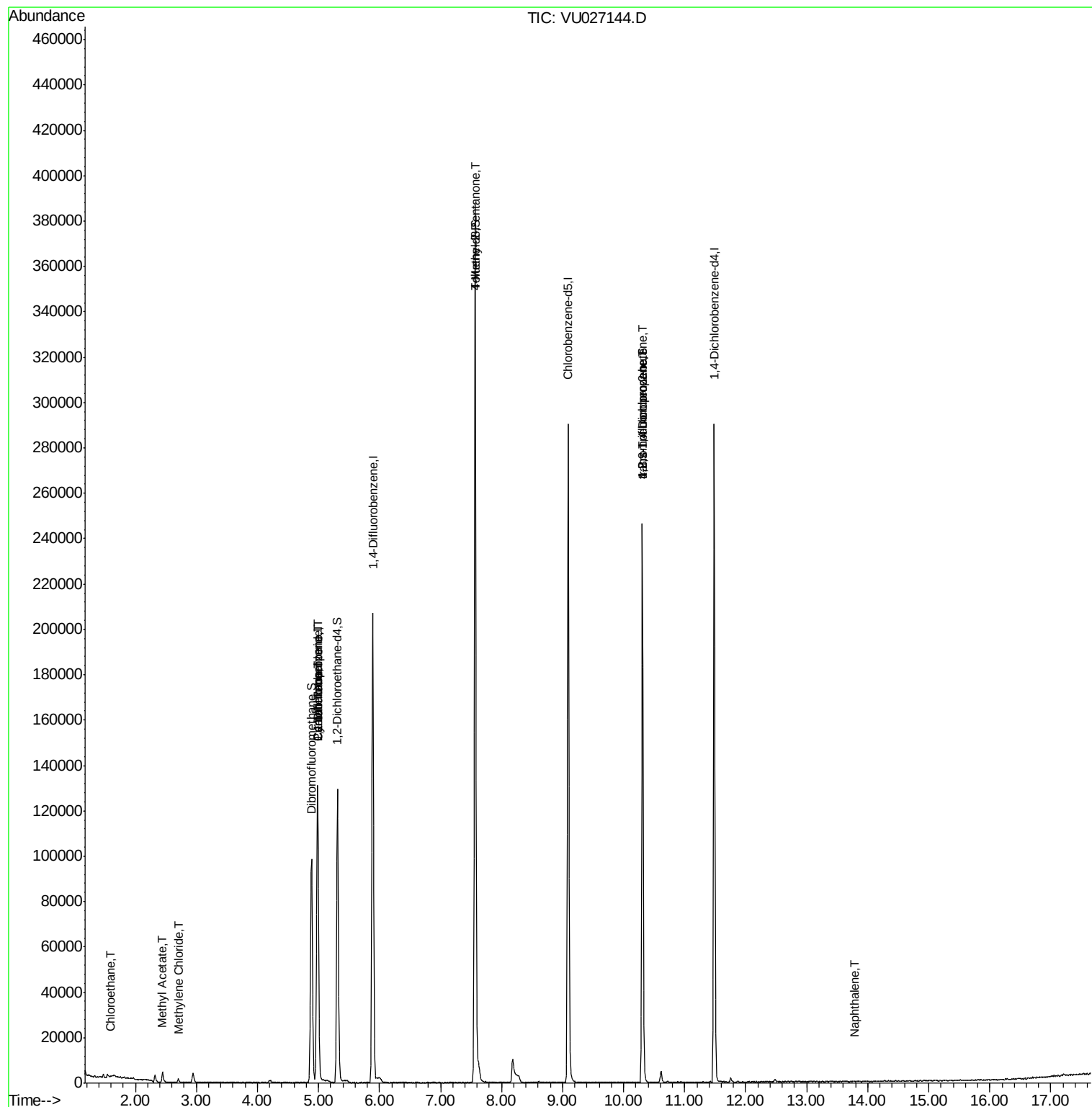
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.60	64	296	0.242	ug/l #	43
16) Acetone	2.32	43	3415	Below Cal		100
18) Methyl Acetate	2.45	43	1162	0.446	ug/l #	55
20) Methylene Chloride	2.71	84	573	0.349	ug/l #	94
31) Cyclohexane	4.98	56	2431	0.319	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	8693	4.160	ug/l #	50
38) Carbon Tetrachloride	4.99	117	9509	4.782	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	1276	0.460	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	44702	21.501	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	44702	68.808	ug/l #	100
95) Naphthalene	13.77	128	40	1.696	ug/l #	69

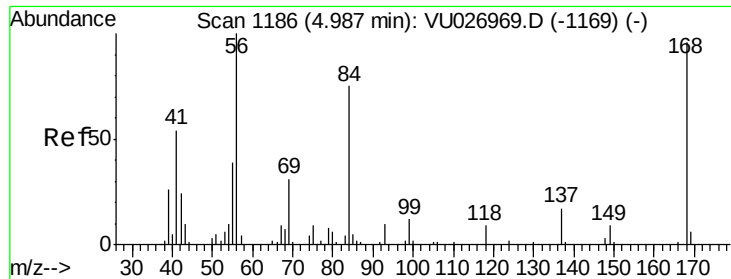
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092618\
Data File : VU027144.D
Acq On : 25 Sep 2018 22:36
Operator : MD/SY
Sample : J5032-11
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB-1

Quant Time: Sep 26 06:01:54 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

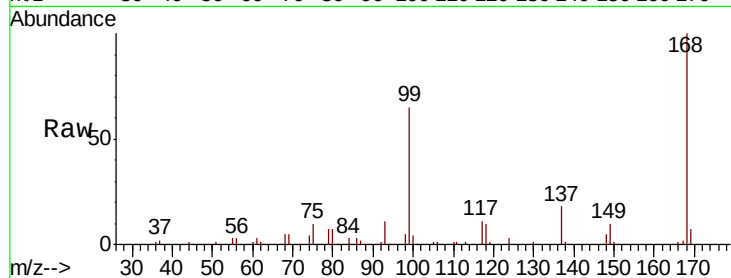




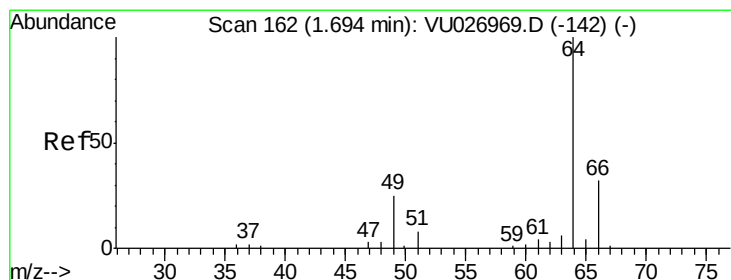
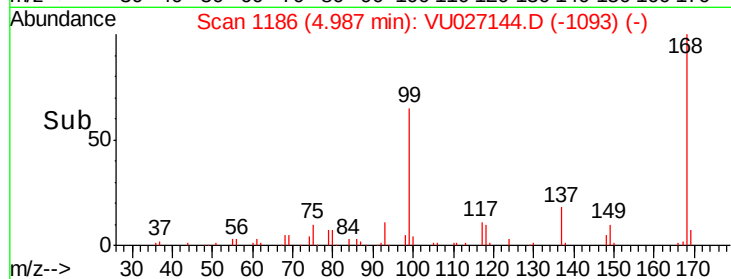
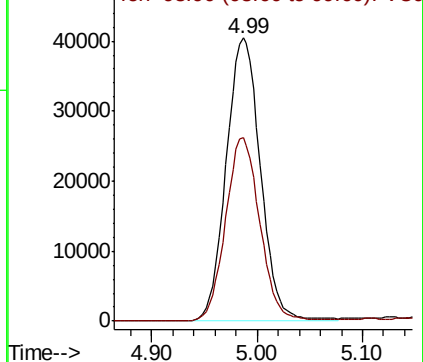
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU027144.D
Acq: 25 Sep 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
TB-1

Tot Ion:168 Resp: 91045
Ion Ratio Lower Upper
168 100
99 64.8 48.1 72.1

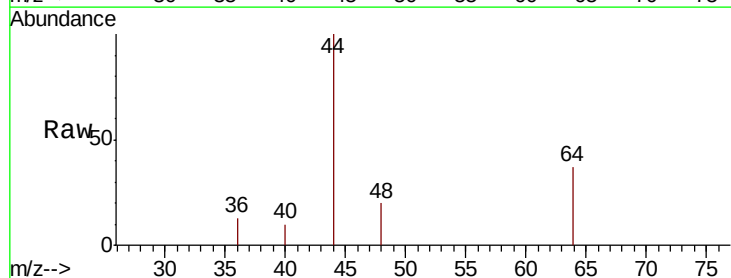


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)
Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

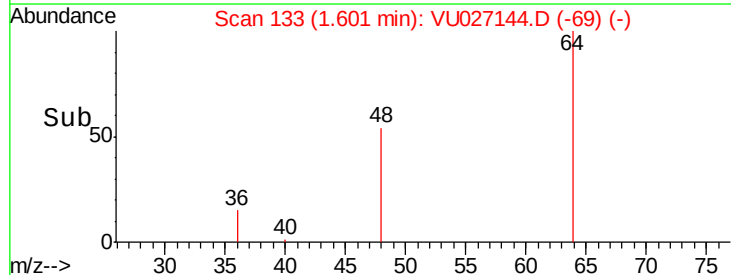
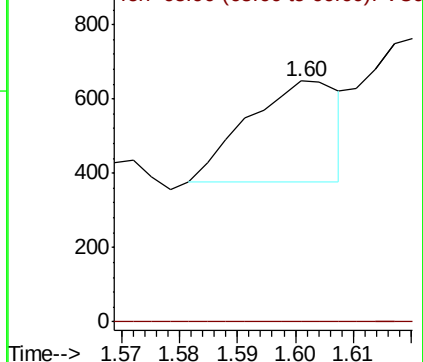


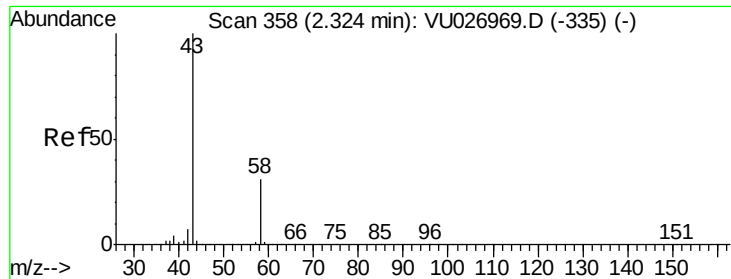
#6
Chloroethane
Concen: 0.242 ug/l
RT: 1.60 min Scan# 133
Delta R.T. -0.09 min
Lab File: VU027144.D
Acq: 25 Sep 2018 22:36

Tgt Ion: 64 Resp: 296
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VU026969.D (-142) (-)
Ion 65.90 (65.60 to 66.60): VU026969.D (-142) (-)





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027144.D

Acq: 25 Sep 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

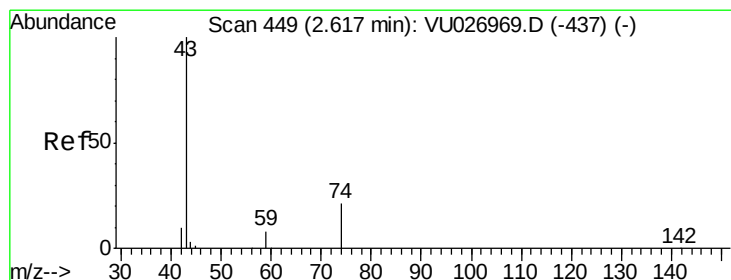
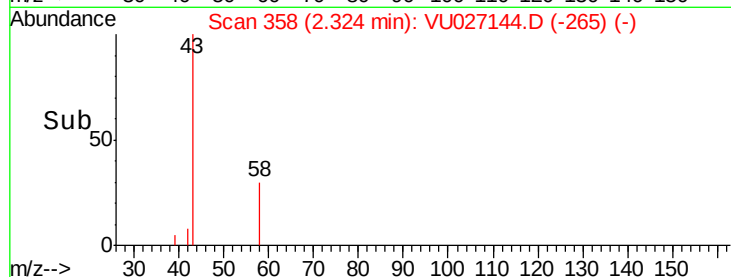
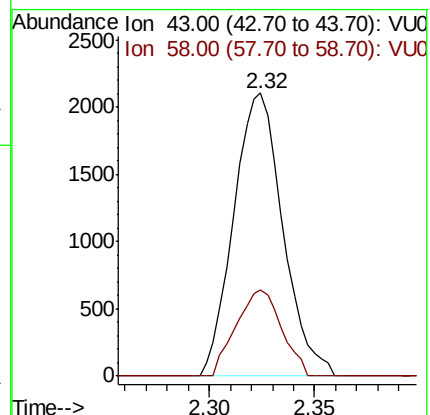
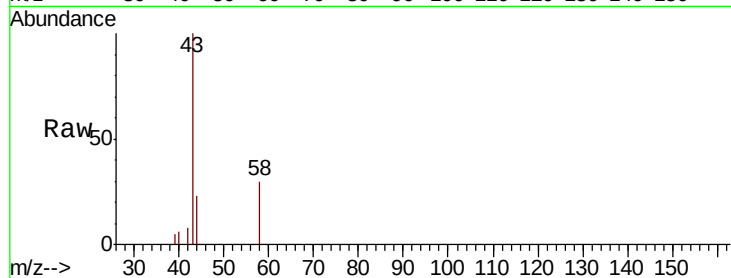
TB-1

Tot Ion: 43 Resp: 3415

Ion Ratio Lower Upper

43 100

58 30.4 24.6 36.8



#18

Methyl Acetate

Concen: 0.446 ug/l

RT: 2.45 min Scan# 396

Delta R.T. -0.17 min

Lab File: VU027144.D

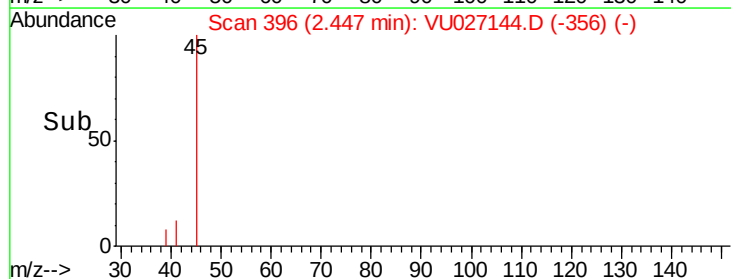
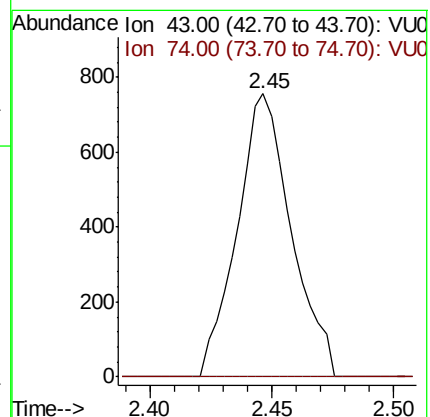
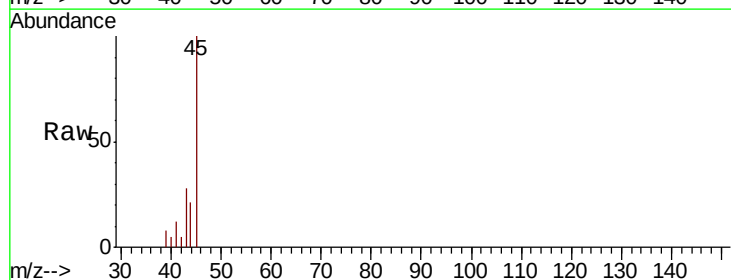
Acq: 25 Sep 2018 22:36

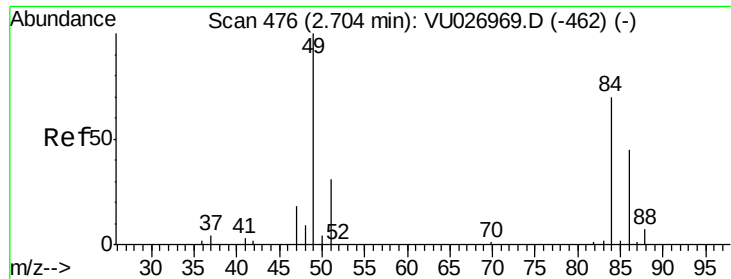
Tgt Ion: 43 Resp: 1162

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#

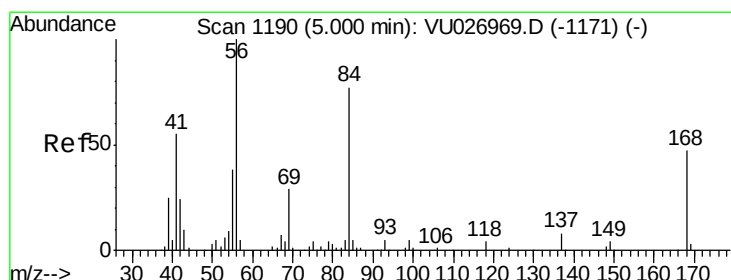
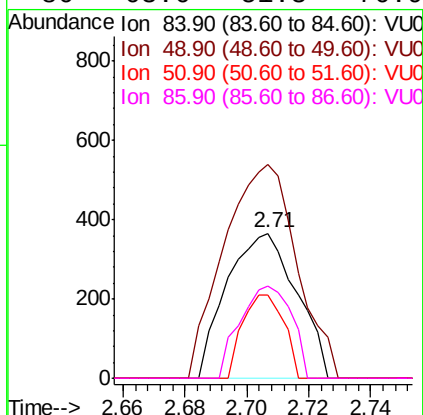
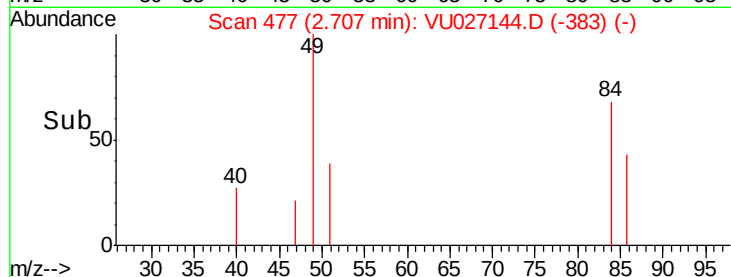
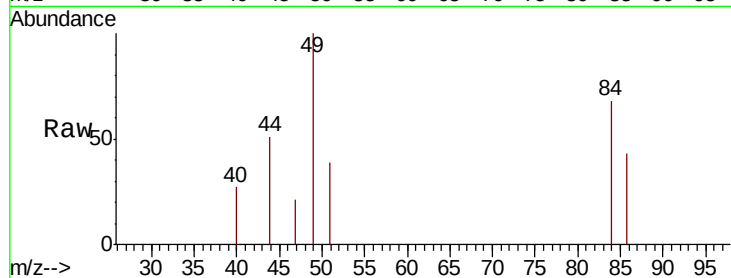




#20
Methvlene Chloride
Concen: 0.349 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.00 min
Lab File: VU027144.D
Acq: 25 Sep 2018 22:36

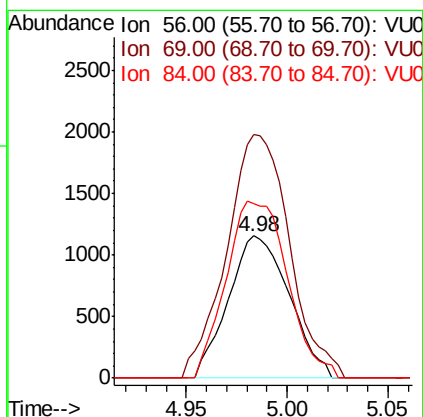
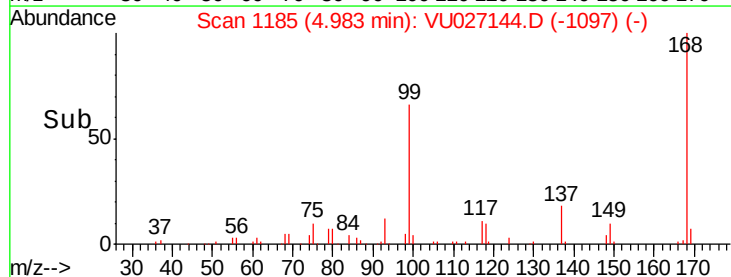
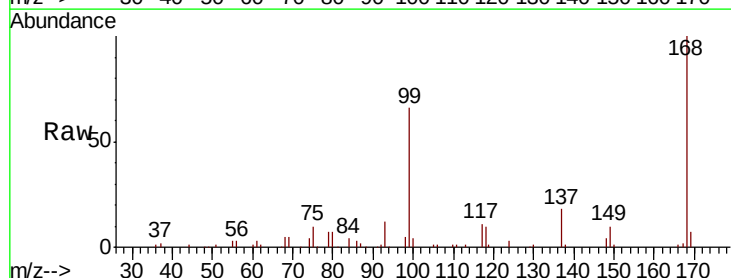
Instrument :
MSVOA_U
ClientSampled :
TB-1

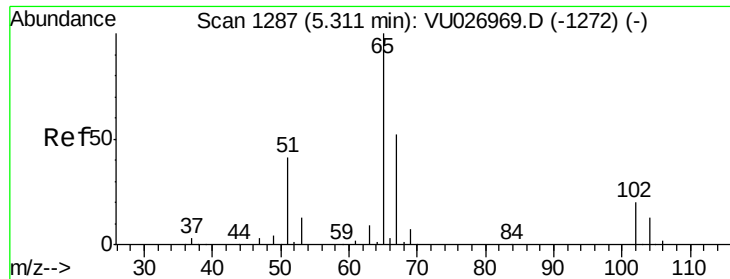
Tot Ion: 84 Resp: 573
Ion Ratio Lower Upper
84 100
49 147.7 114.9 172.3
51 57.5 35.8 53.8#
86 63.6 51.3 76.9



#31
Cyclohexane
Concen: 0.319 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027144.D
Acq: 25 Sep 2018 22:36

Tgt Ion: 56 Resp: 2431
Ion Ratio Lower Upper
56 100
69 162.3 23.0 34.4#
84 123.1 61.4 92.2#

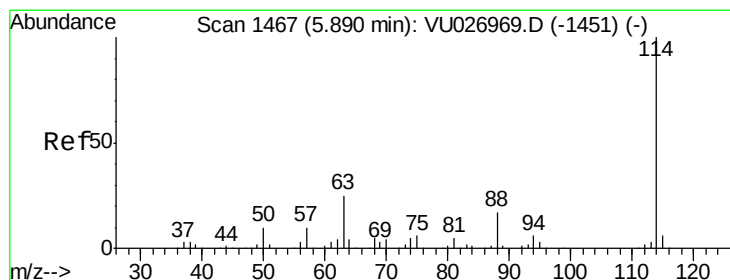
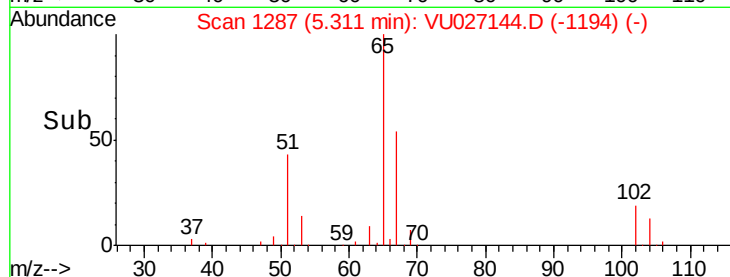
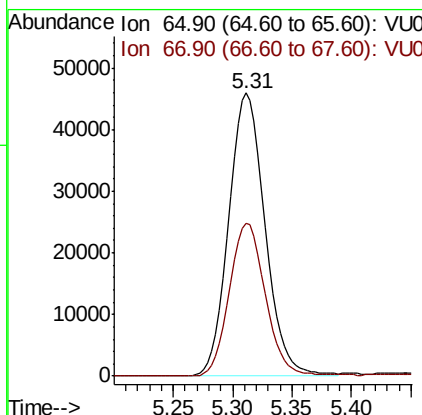
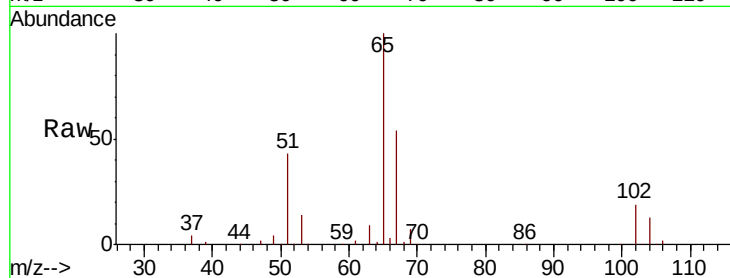




#33
 1,2-Dichloroethane-d4
 Concen: 53.153 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027144.D
 Acq: 25 Sep 2018 22:36

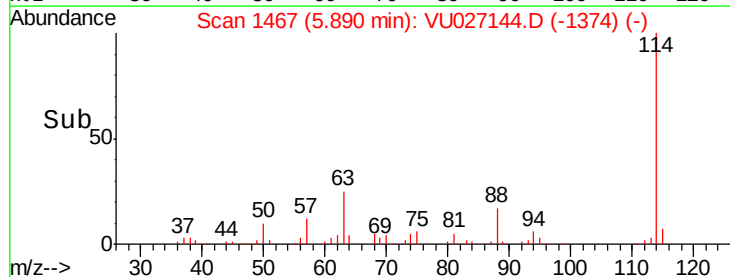
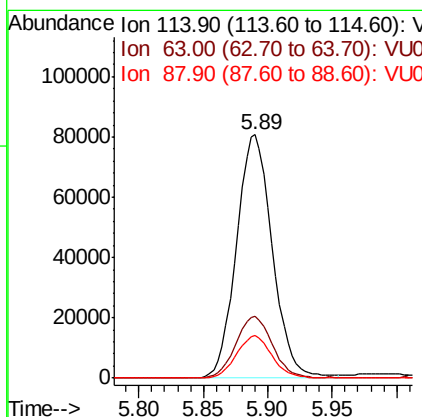
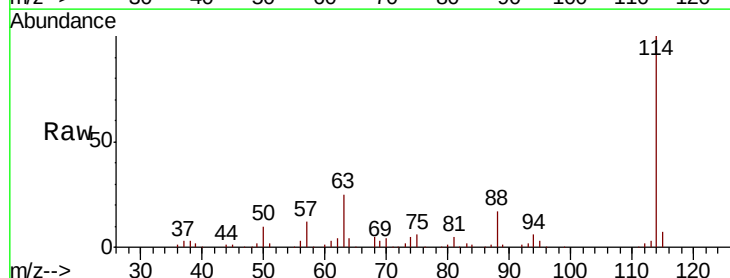
Instrument :
 MSVOA_U
 ClientSampled :
 TB-1

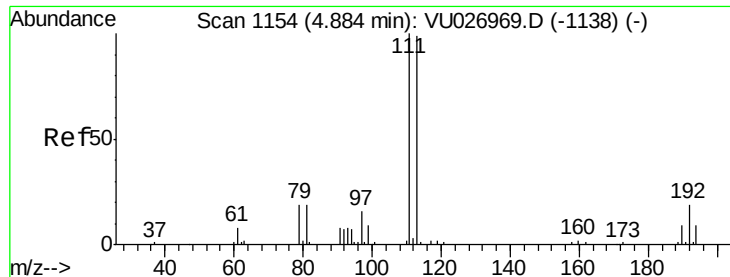
Tot Ion: 65 Resp: 97399
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: VU027144.D
 Acq: 25 Sep 2018 22:36

Tgt Ion: 114 Resp: 156566
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 49.2
 88 17.3 0.0 33.8

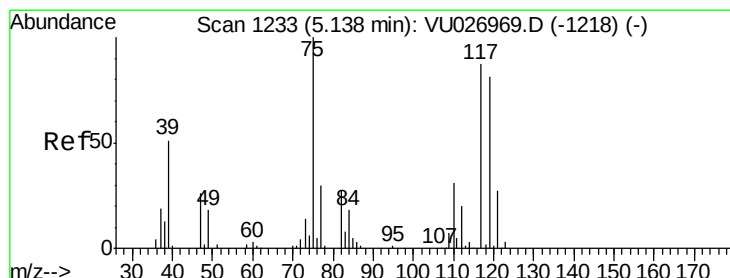
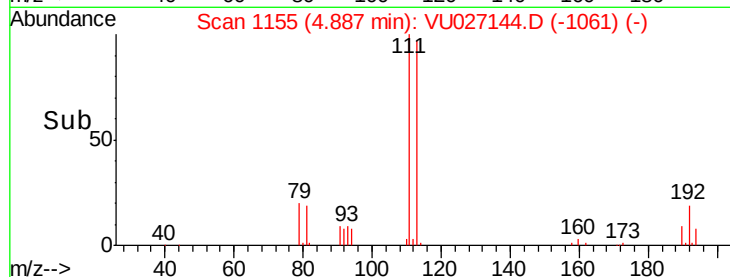
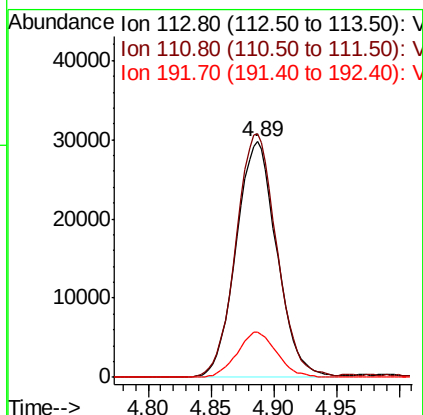
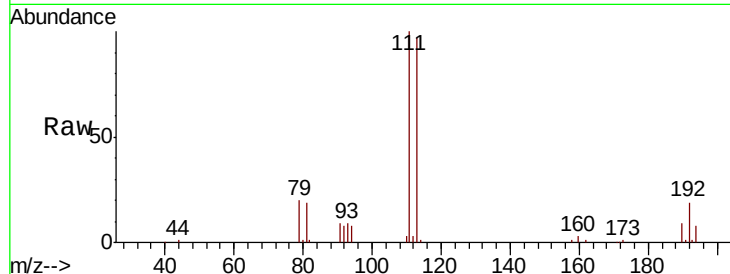




#35
 Dibromofluoromethane
 Concen: 49.609 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027144.D
 Acq: 25 Sep 2018 22:36

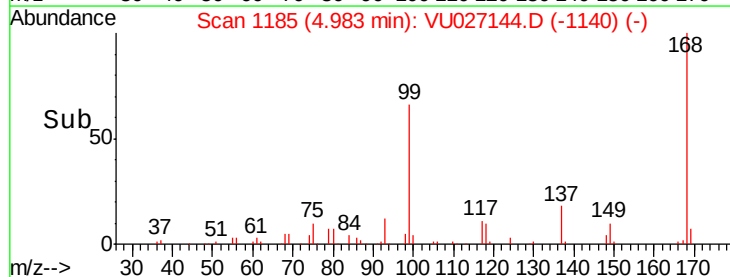
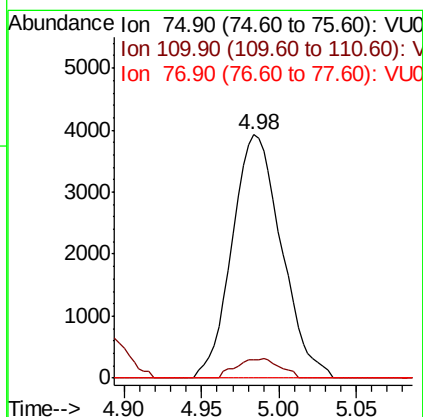
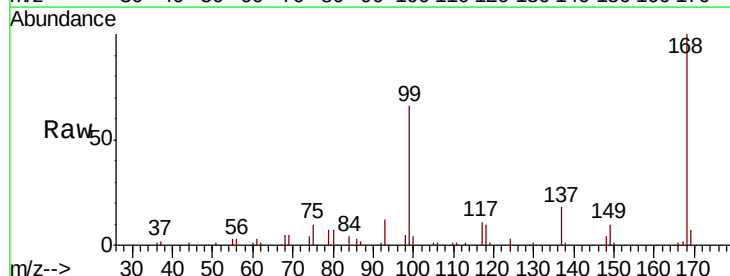
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-1

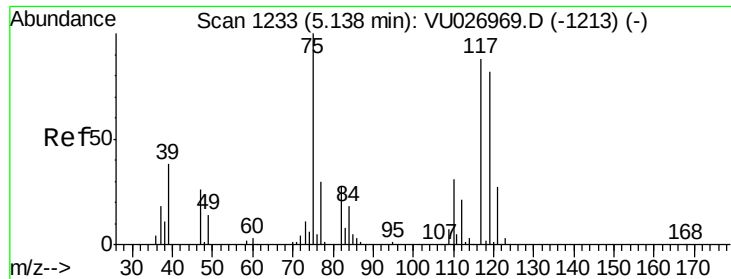
Tot Ion:113 Resp: 67325
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 18.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.160 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027144.D
 Acq: 25 Sep 2018 22:36

Tgt Ion: 75 Resp: 8693
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.1 48.2#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.782 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027144.D

Acq: 25 Sep 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

TB-1

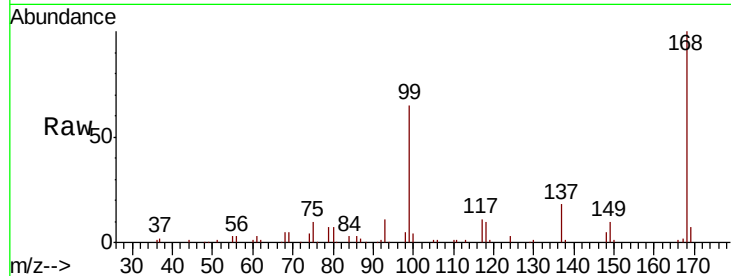
Tot Ion:117 Resp: 9509

Ion Ratio Lower Upper

117 100

119 5.4 74.4 111.6#

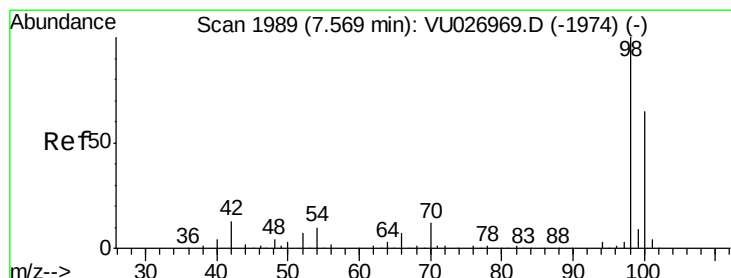
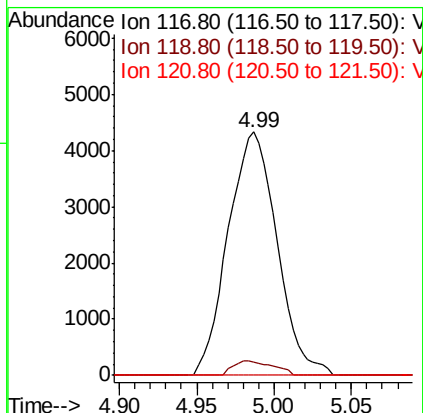
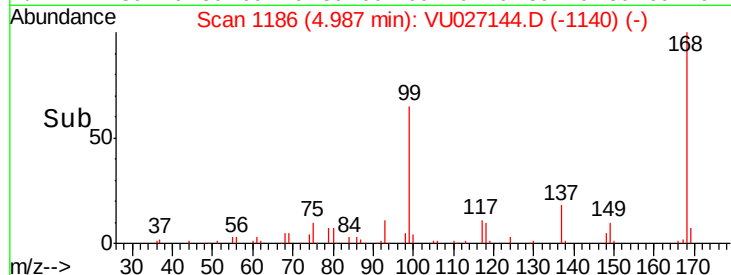
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.519 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VU027144.D

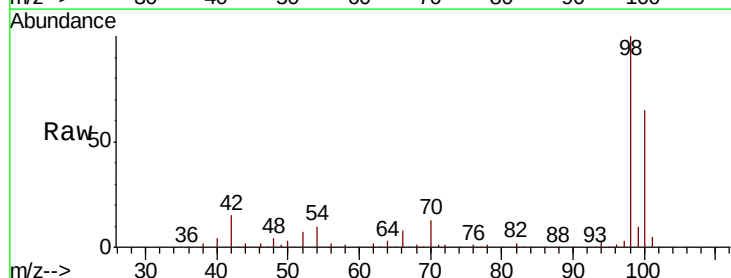
Acq: 25 Sep 2018 22:36

Tgt Ion: 98 Resp: 250944

Ion Ratio Lower Upper

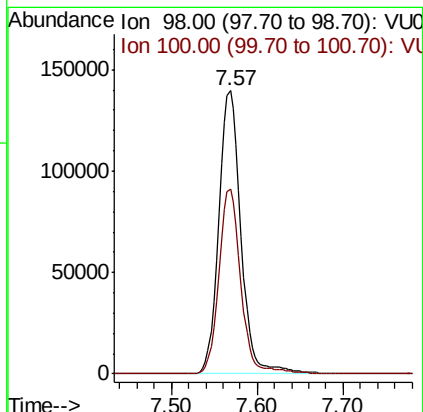
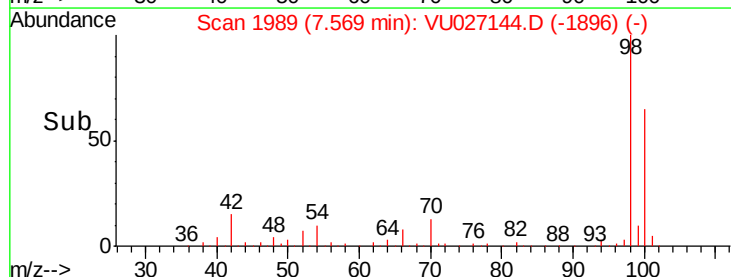
98 100

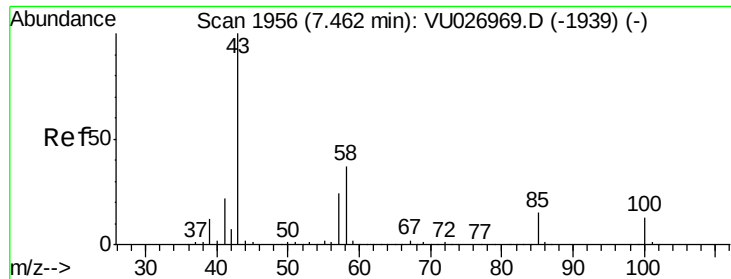
100 64.7 52.1 78.1



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: 0.460 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.11 min

Lab File: VU027144.D

Acq: 25 Sep 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

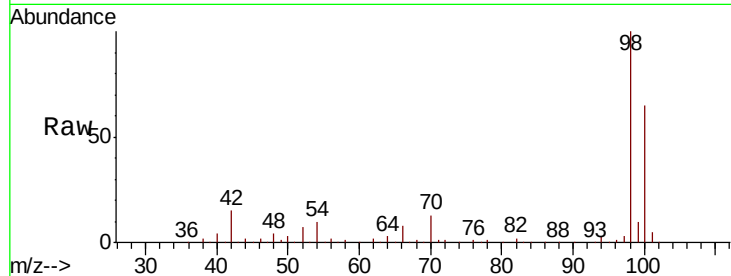
TB-1

Tot Ion: 43 Resp: 1276

Ion Ratio Lower Upper

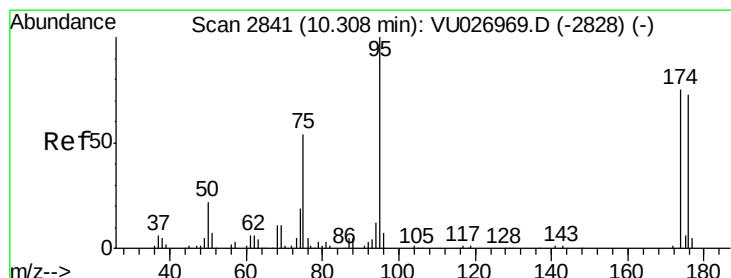
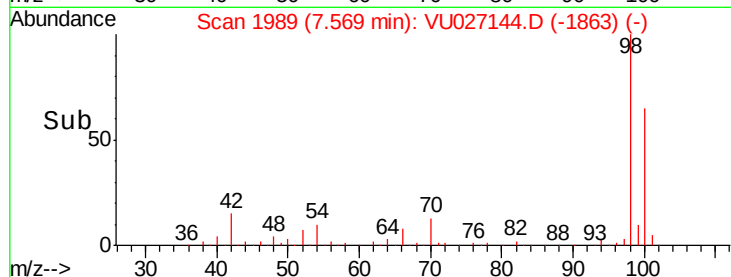
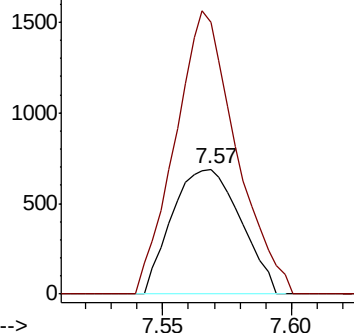
43 100

58 200.9 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 45.827 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027144.D

Acq: 25 Sep 2018 22:36

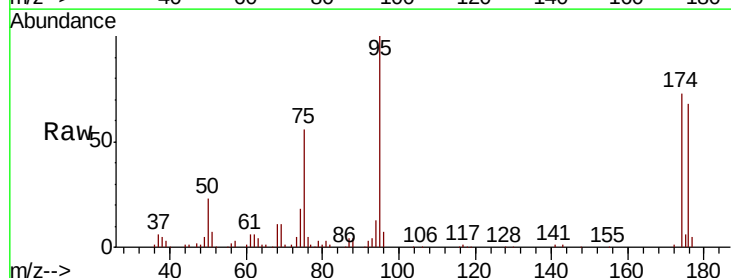
Tgt Ion: 95 Resp: 81329

Ion Ratio Lower Upper

95 100

174 72.7 0.0 150.2

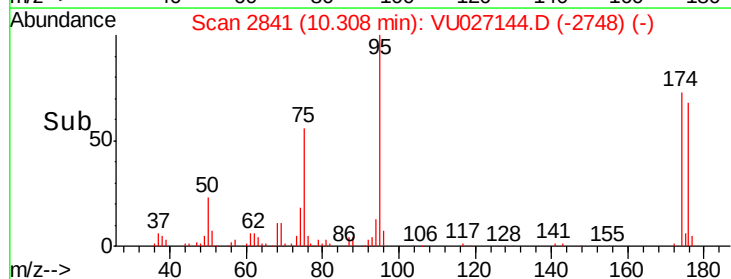
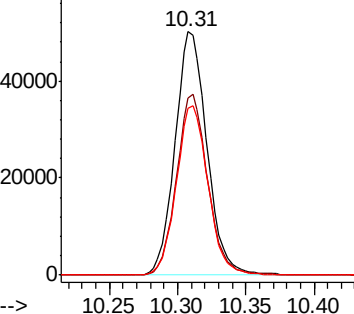
176 69.3 0.0 145.2

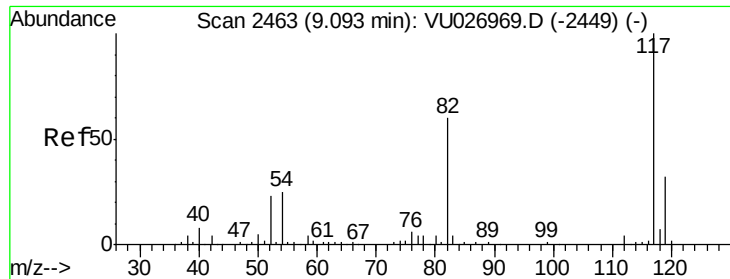


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

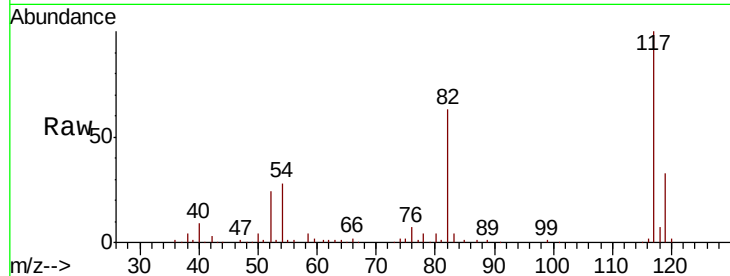




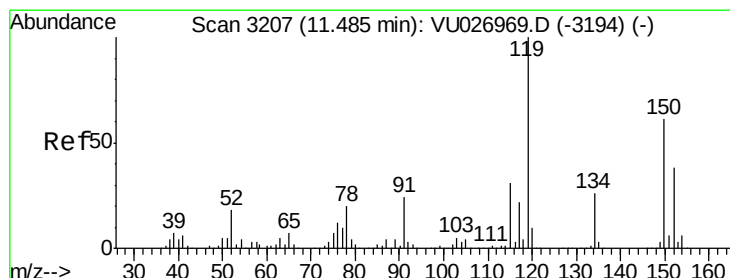
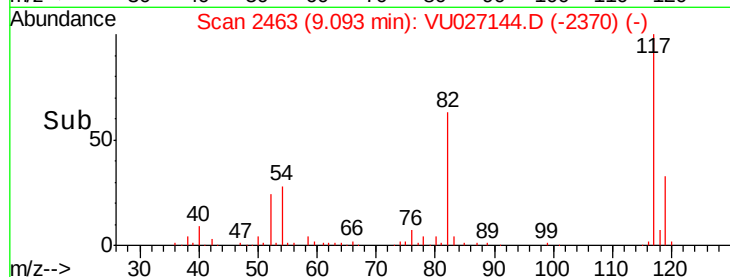
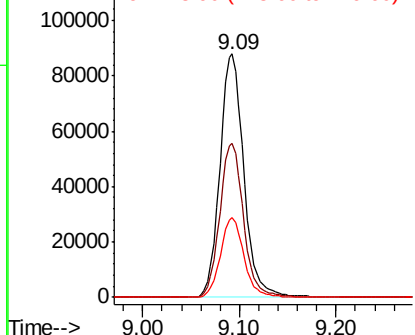
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027144.D
Acq: 25 Sep 2018 22:36

Instrument :
MSVOA_U
ClientSampleId :
TB-1

Tot Ion:117 Resp: 150891
Ion Ratio Lower Upper
117 100
82 63.3 48.0 72.0
119 32.5 25.8 38.8

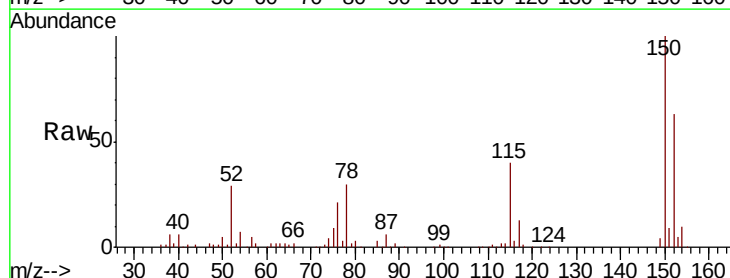


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

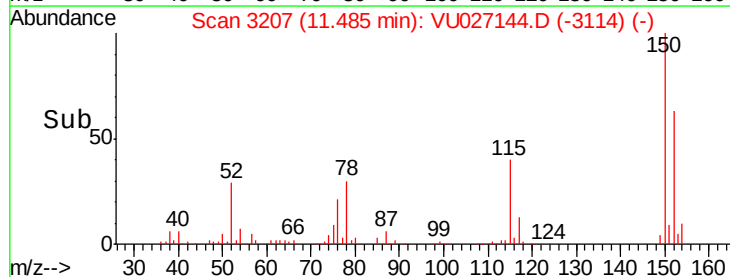
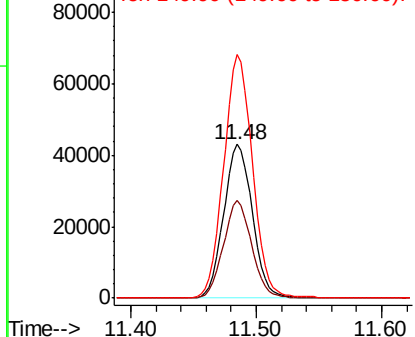


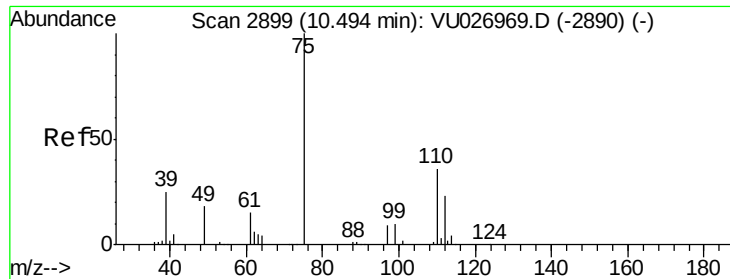
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027144.D
Acq: 25 Sep 2018 22:36

Tgt Ion:152 Resp: 68435
Ion Ratio Lower Upper
152 100
115 62.3 44.9 134.5
150 159.1 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: 21.501 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027144.D

Acq: 25 Sep 2018 22:36

Instrument :

MSVOA_U

ClientSampled :

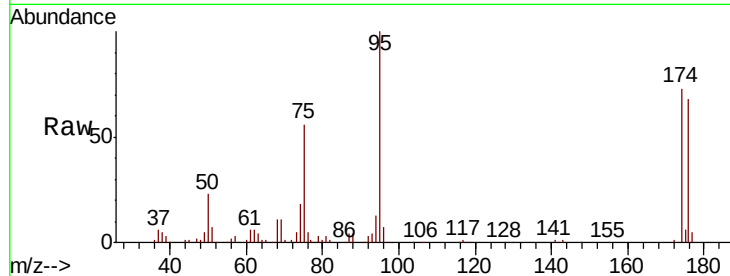
TB-1

Tot Ion: 75 Resp: 44702

Ion Ratio Lower Upper

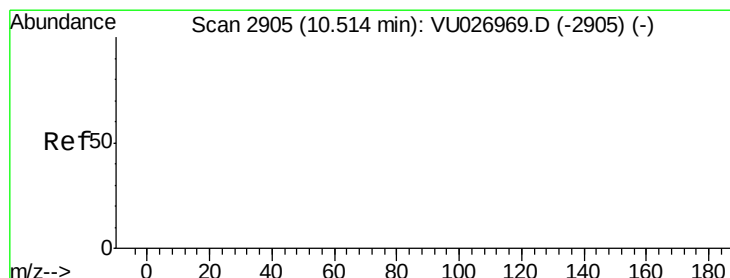
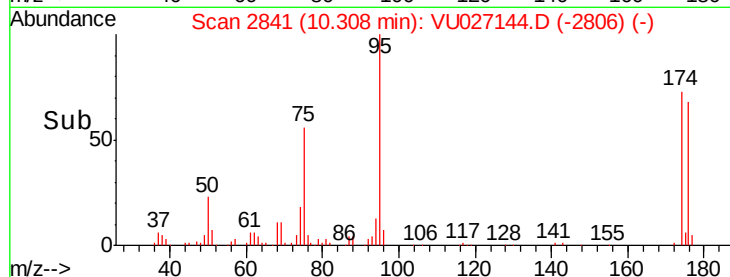
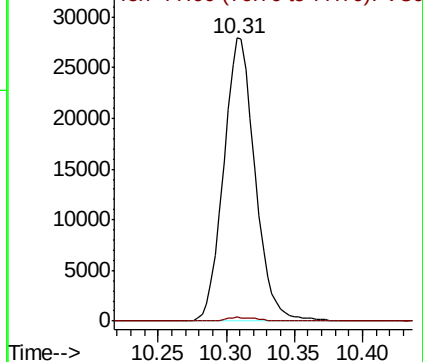
75 100

77 1.3 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: 68.808 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027144.D

Acq: 25 Sep 2018 22:36

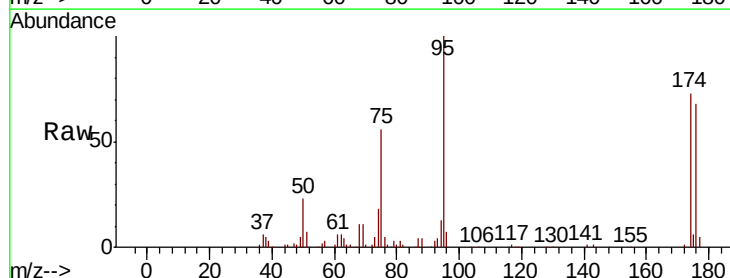
Tgt Ion: 75 Resp: 44702

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

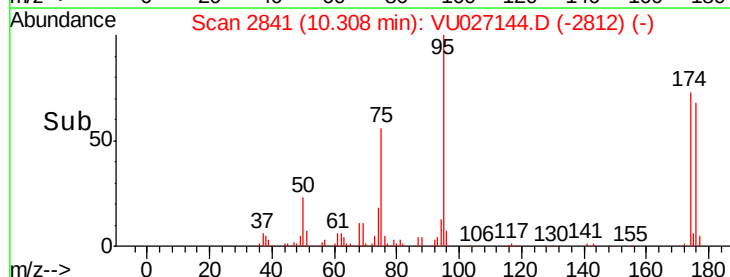
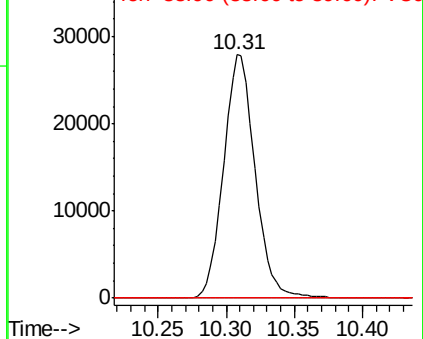
89 0.0 0.0 0.0

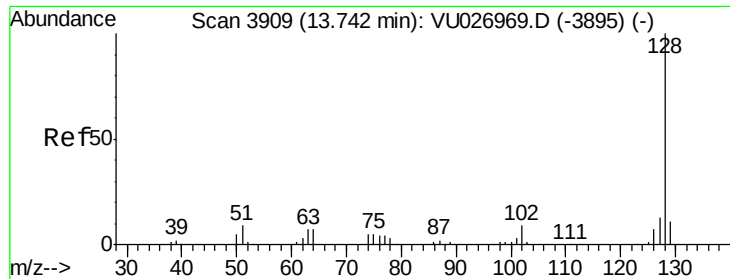


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0





#95

Naphthalene

Concen: 1.696 ug/l

RT: 13.77 min Scan# 3918

Delta R.T. 0.03 min

Lab File: VU027144.D

Acq: 25 Sep 2018 22:36

Instrument :

MSVOA_U

ClientSampleId :

TB-1

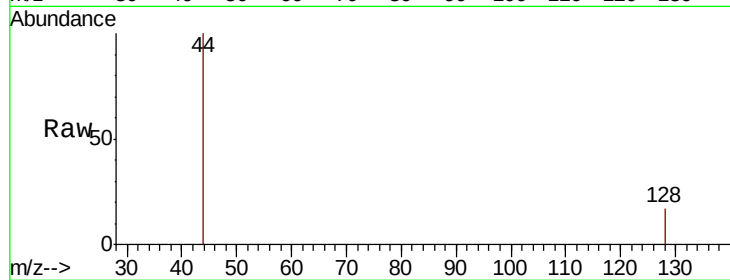
Tot Ion:128 Resp: 40

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

