

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
 Data File : VU026912.D
 Acq On : 19 Sep 2018 21:12
 Operator : MD/SY
 Sample : J4934-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW185S-20180912

Quant Time: Sep 20 05:36:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 05:32:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	79700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	133989	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	134482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	68009	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
35) Dibromofluoromethane	4.88	113	61344	56.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.26%	
50) Toluene-d8	7.57	98	200454	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	10.31	95	67774	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

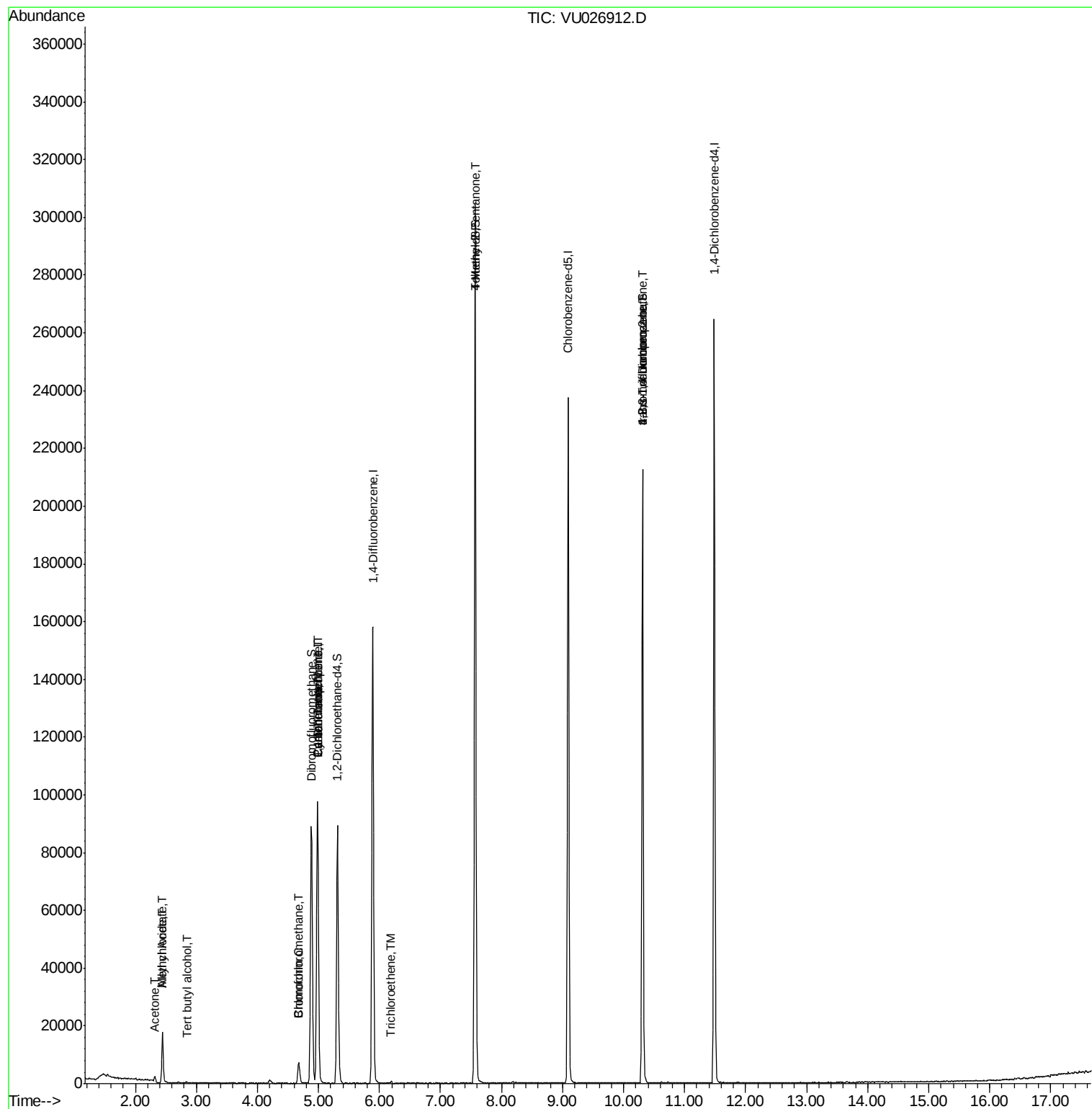
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	217	0.736	ug/l #	73
14) Allyl chloride	2.44	41	1836	1.114	ug/l #	73
16) Acetone	2.32	43	1978	2.890	ug/l	99
18) Methyl Acetate	2.44	43	4556	3.085	ug/l #	54
28) Bromochloromethane	4.68	49	497	0.536	ug/l #	14
30) Chloroform	4.67	83	7435	3.897	ug/l	98
31) Cyclohexane	4.99	56	1334	0.573	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	5429	3.609	ug/l #	48
38) Carbon Tetrachloride	4.99	117	6911	4.348	ug/l #	16
44) Trichloroethene	6.20	130	269	0.233	ug/l	69
51) 4-Methyl-2-Pentanone	7.57	43	744	0.404	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	33444	20.685	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	33444	63.723	ug/l #	100

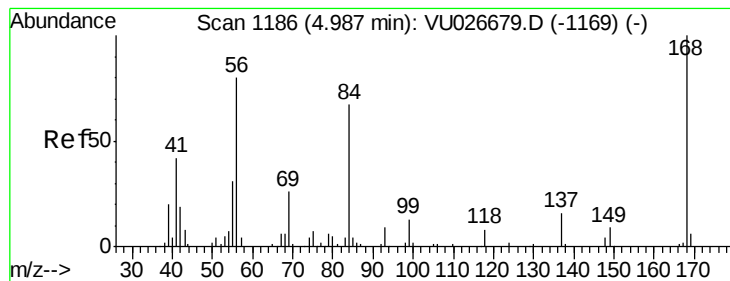
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU092018\
Data File : VU026912.D
Acq On : 19 Sep 2018 21:12
Operator : MD/SY
Sample : J4934-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-MW185S-20180912

Quant Time: Sep 20 05:36:10 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U091218W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 05:32:45 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: VU026912.D

Acq: 19 Sep 2018 21:12

Instrument :

MSVOA_U

ClientSampleId :

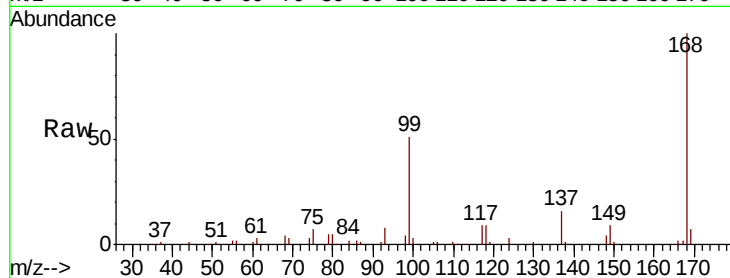
SA-MW185S-20180912

Tgt Ion:168 Resp: 79700

Ion Ratio Lower Upper

168 100

99 51.2 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)

4.99

30000

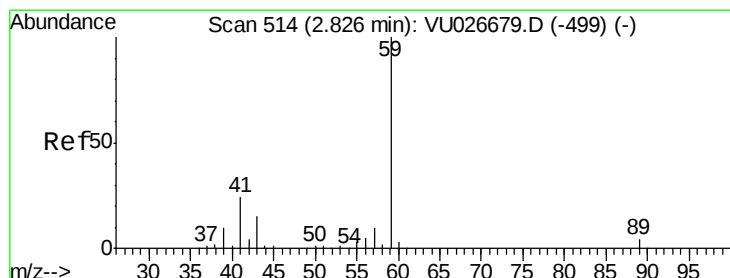
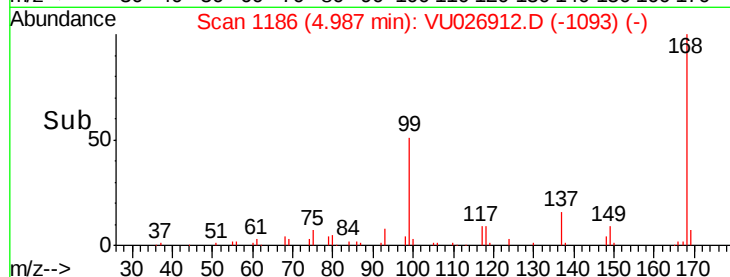
20000

10000

0

4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 0.736 ug/l

RT: 2.84 min Scan# 518

Delta R.T. 0.01 min

Lab File: VU026912.D

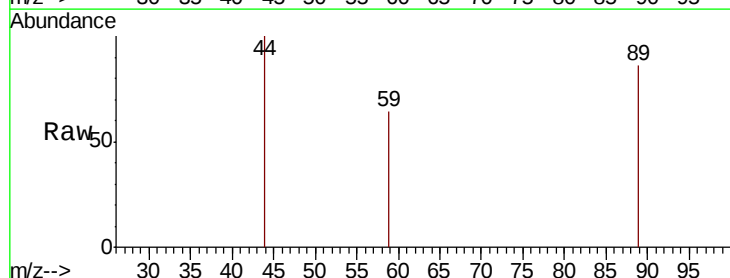
Acq: 19 Sep 2018 21:12

Tgt Ion: 59 Resp: 217

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VU026679.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU026679.D (-499) (-)

2.84

150

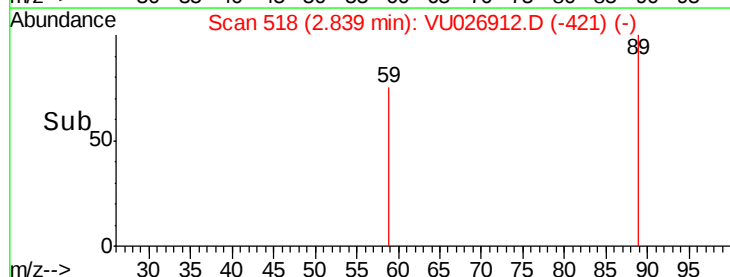
100

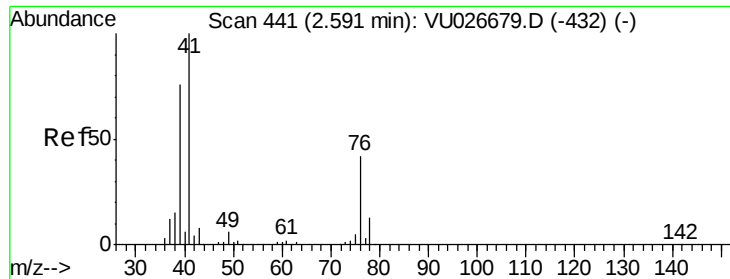
50

0

2.80 2.82 2.84 2.86

Time-->

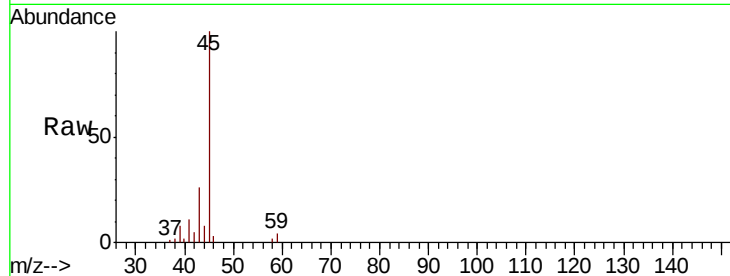




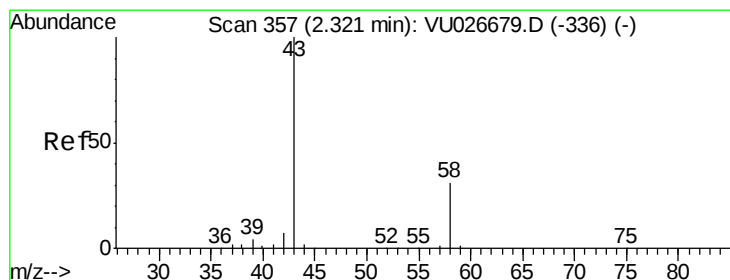
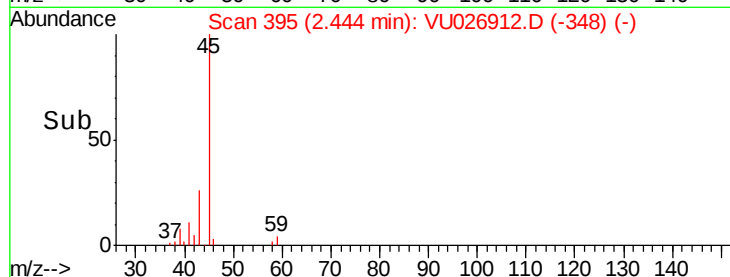
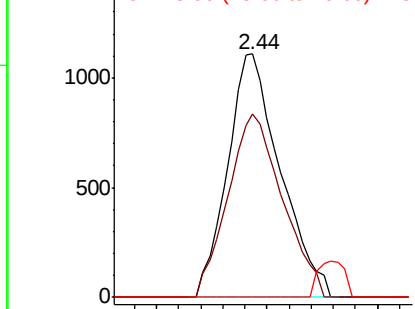
#14
 Allyl chloride
 Concen: 1.114 ug/l
 RT: 2.44 min Scan# 395
 Delta R.T. -0.15 min
 Lab File: VU026912.D
 Acq: 19 Sep 2018 21:12

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW185S-20180912

Tgt Ion: 41 Resp: 1836
 Ion Ratio Lower Upper
 41 100
 39 77.7 56.9 85.3
 76 0.0 29.7 44.5#

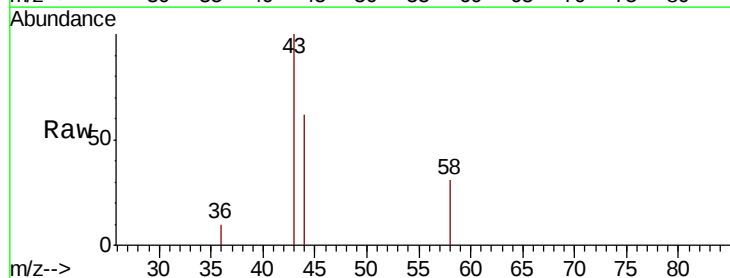


Abundance Ion 41.00 (40.70 to 41.70): VU0
 Ion 39.00 (38.70 to 39.70): VU0
 Ion 75.90 (75.60 to 76.60): VU0

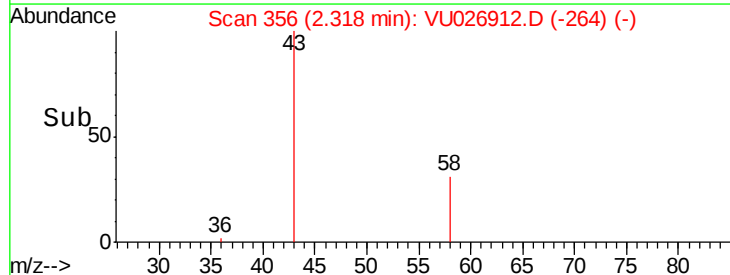
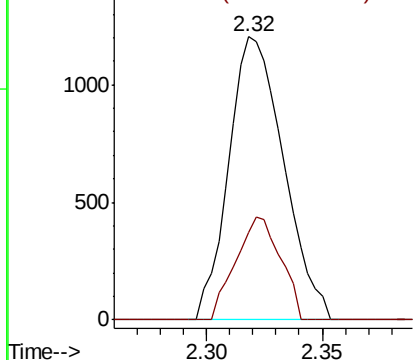


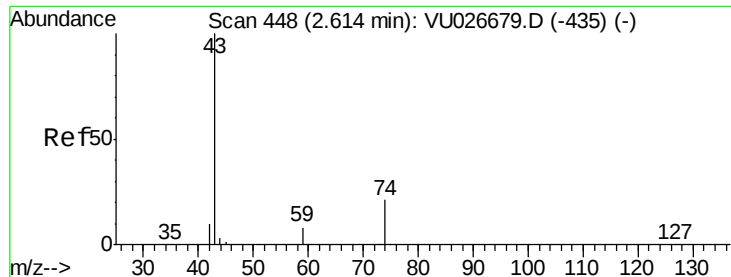
#16
 Acetone
 Concen: 2.890 ug/l
 RT: 2.32 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VU026912.D
 Acq: 19 Sep 2018 21:12

Tgt Ion: 43 Resp: 1978
 Ion Ratio Lower Upper
 43 100
 58 31.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

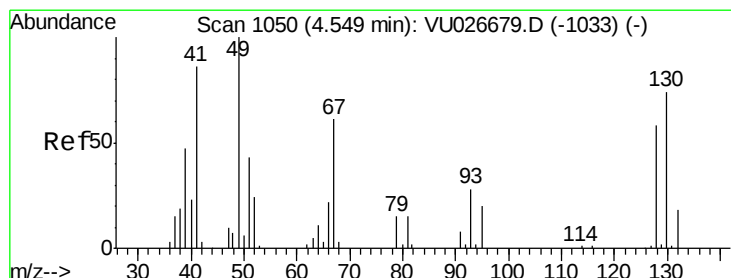
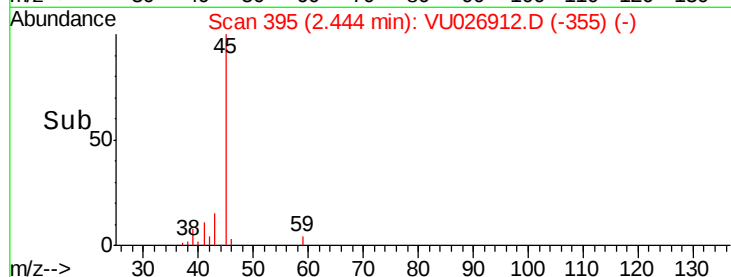
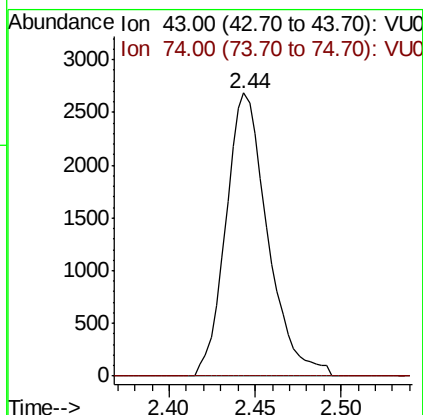
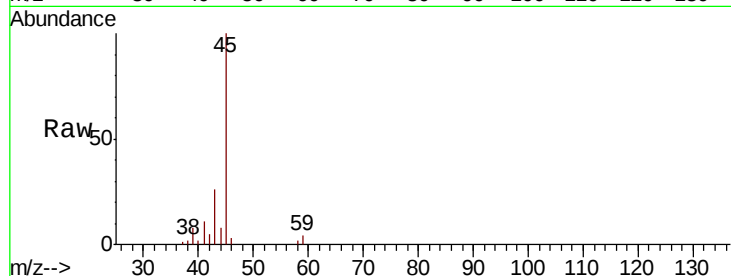




#18
Methyl Acetate
Concen: 3.085 ug/l
RT: 2.44 min Scan# 395
Delta R.T. -0.17 min
Lab File: VU026912.D
Acq: 19 Sep 2018 21:12

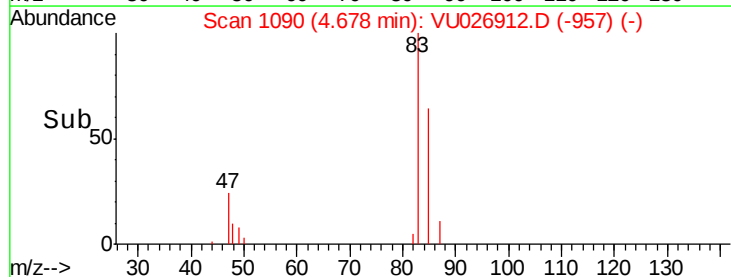
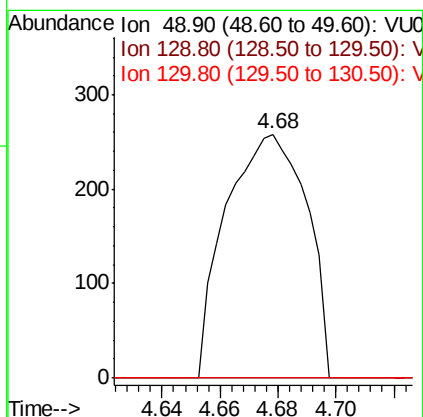
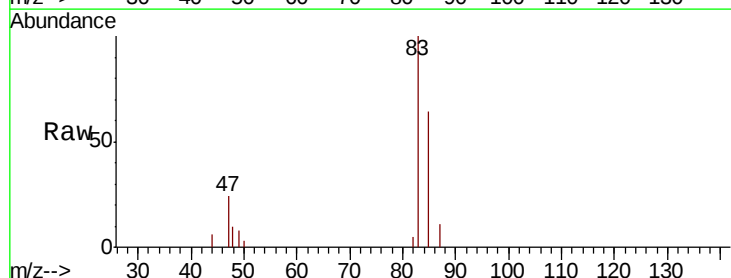
Instrument :
MSVOA_U
ClientSampleId :
SA-MW185S-20180912

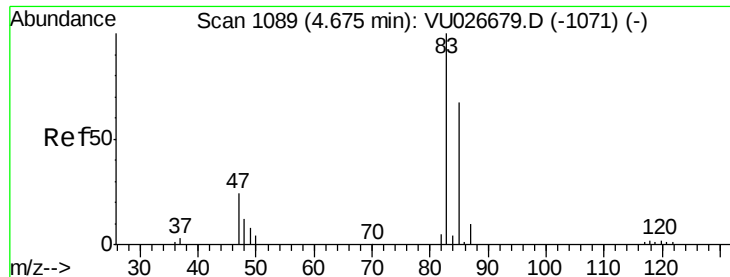
Tgt Ion: 43 Resp: 4556
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#28
Bromochloromethane
Concen: 0.536 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.13 min
Lab File: VU026912.D
Acq: 19 Sep 2018 21:12

Tgt Ion: 49 Resp: 497
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 59.8 89.6#

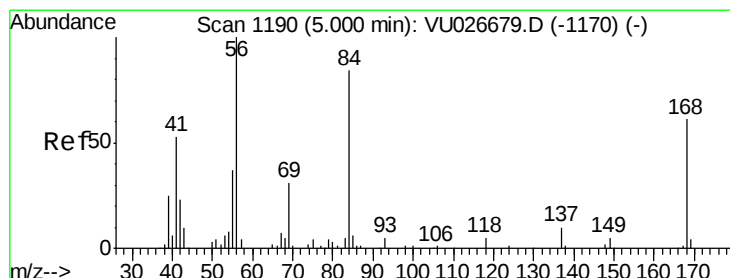
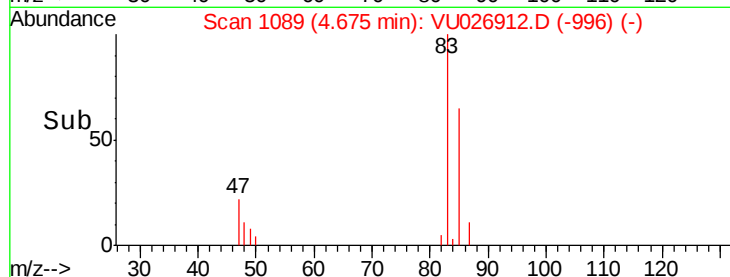
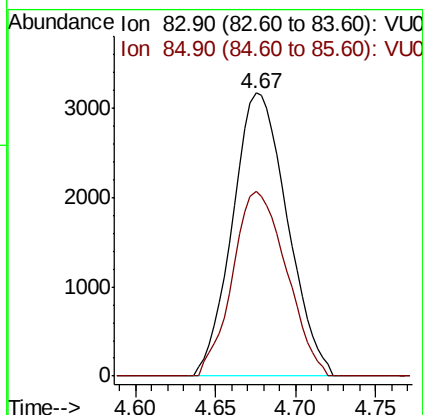
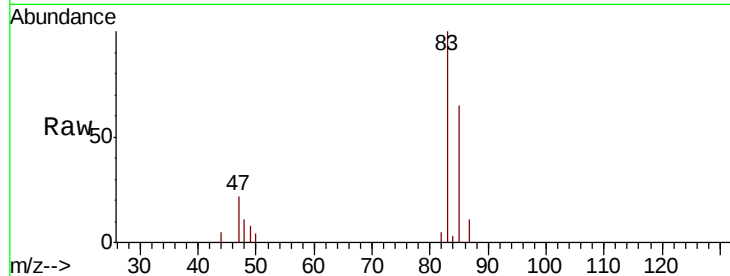




#30
Chloroform
Concen: 3.897 ug/l
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU026912.D
Acq: 19 Sep 2018 21:12

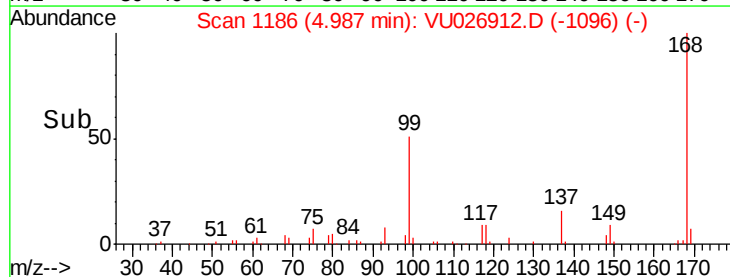
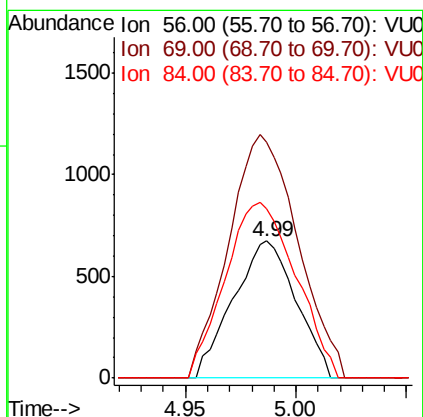
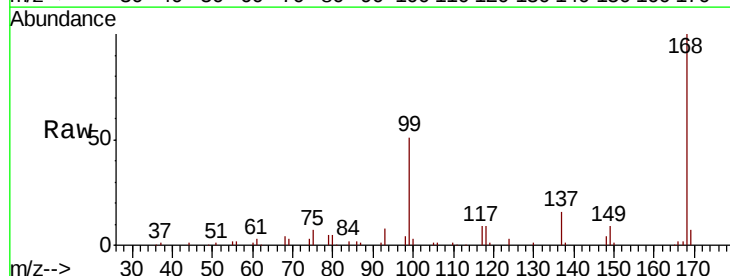
Instrument :
MSVOA_U
ClientSampleId :
SA-MW185S-20180912

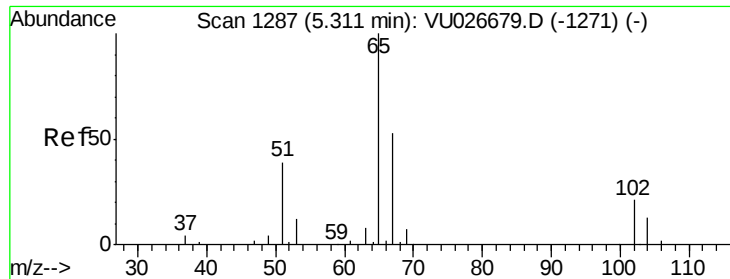
Tgt Ion: 83 Resp: 7435
Ion Ratio Lower Upper
83 100
85 65.1 53.3 79.9



#31
Cyclohexane
Concen: 0.573 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU026912.D
Acq: 19 Sep 2018 21:12

Tgt Ion: 56 Resp: 1334
Ion Ratio Lower Upper
56 100
69 172.4 24.9 37.3#
84 124.1 66.6 100.0#

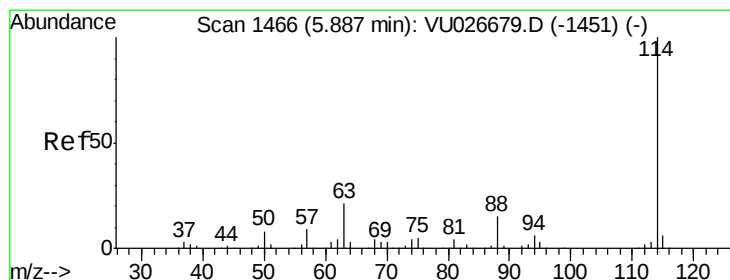
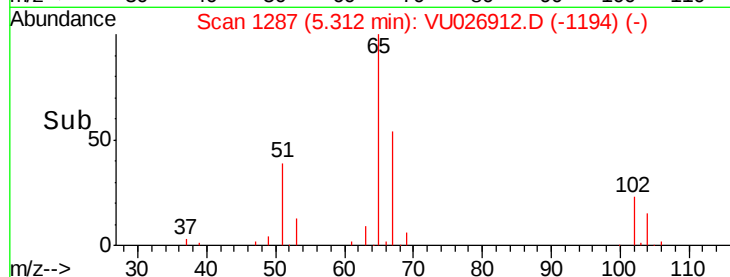
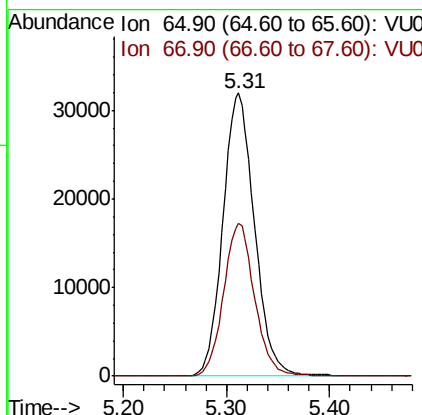
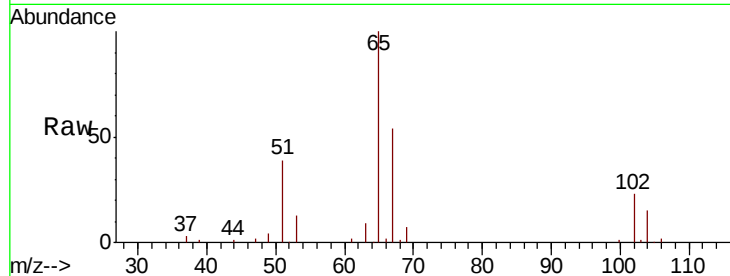




#33
 1,2-Dichloroethane-d4
 Concen: 56.252 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU026912.D
 Acq: 19 Sep 2018 21:12

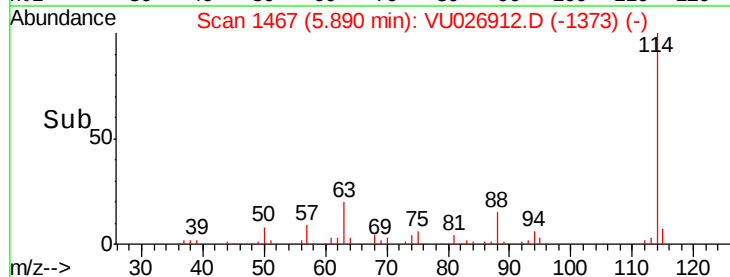
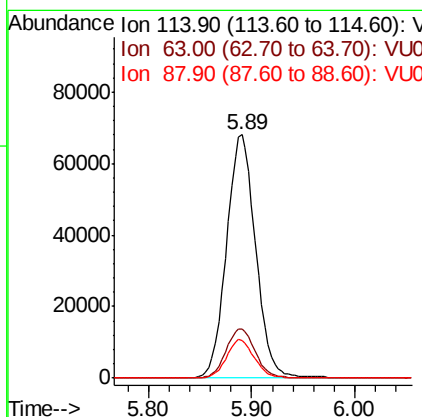
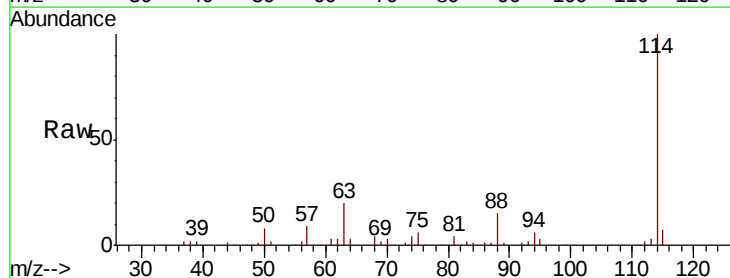
Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW185S-20180912

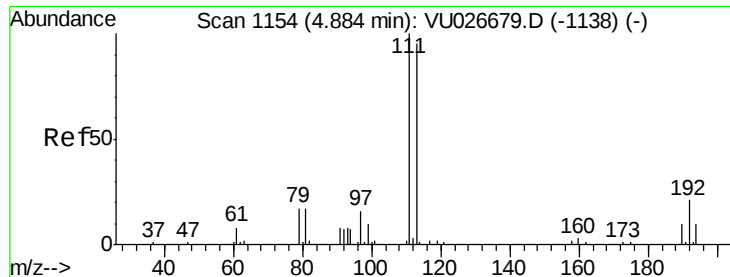
Tgt Ion: 65 Resp: 68009
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU026912.D
 Acq: 19 Sep 2018 21:12

Tgt Ion: 114 Resp: 133989
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.5 0.0 30.8

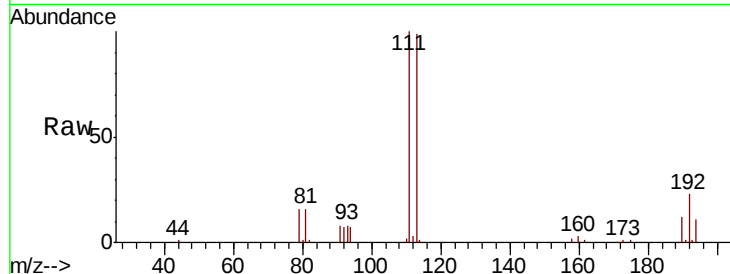




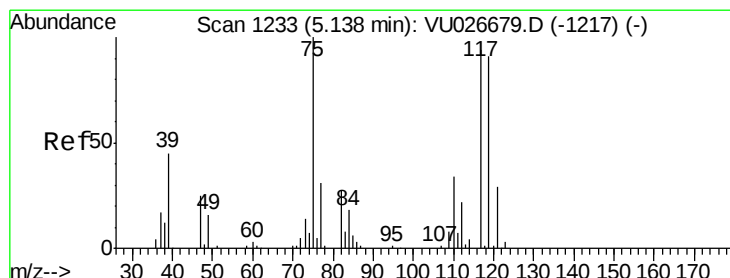
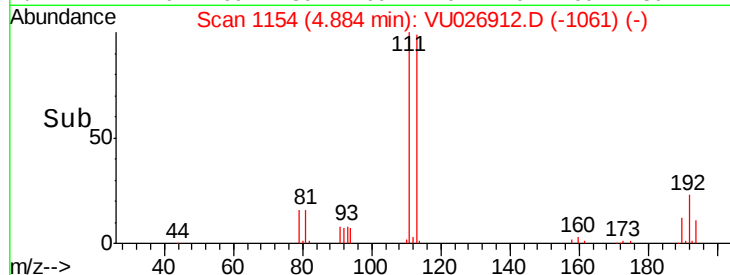
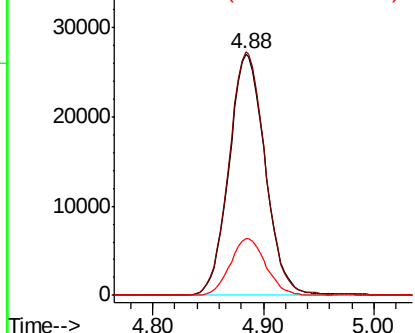
#35
 Dibromofluoromethane
 Concen: 56.127 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU026912.D
 Acq: 19 Sep 2018 21:12

Instrument :
 MSVOA_U
 ClientSampleId :
 SA-MW185S-20180912

Tgt Ion:113 Resp: 61344
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.1 124.7
 192 23.3 17.4 26.2

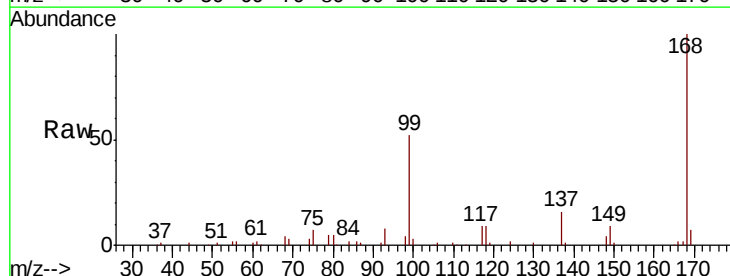


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

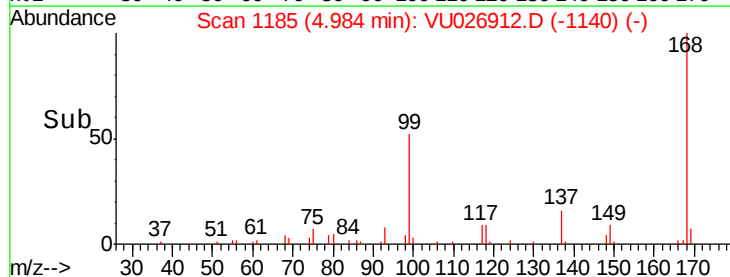
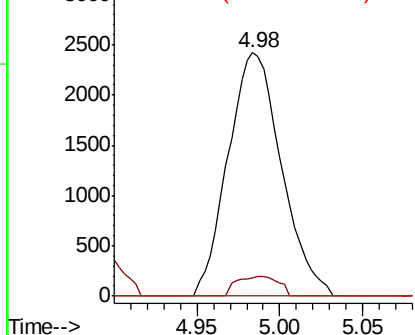


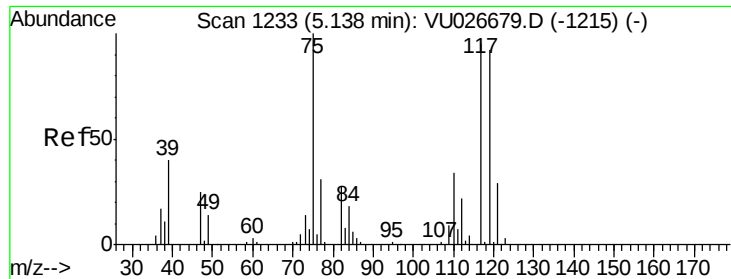
#36
 1,1-Dichloropropene
 Concen: 3.609 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU026912.D
 Acq: 19 Sep 2018 21:12

Tgt Ion: 75 Resp: 5429
 Ion Ratio Lower Upper
 75 100
 110 6.4 17.3 51.9#
 77 0.0 24.9 37.3#



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





#38

Carbon Tetrachloride

Concen: 4.348 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU026912.D

Acq: 19 Sep 2018 21:12

Instrument :

MSVOA_U

ClientSampleId :

SA-MW185S-20180912

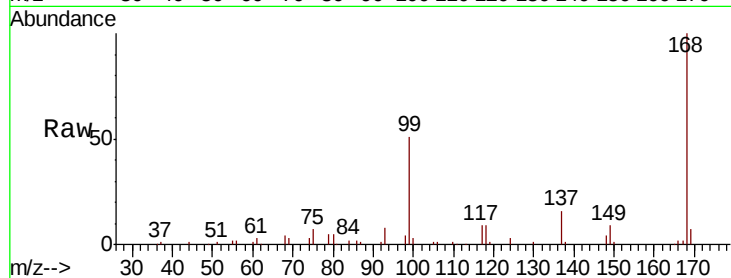
Tgt Ion:117 Resp: 6911

Ion Ratio Lower Upper

117 100

119 6.0 77.8 116.8#

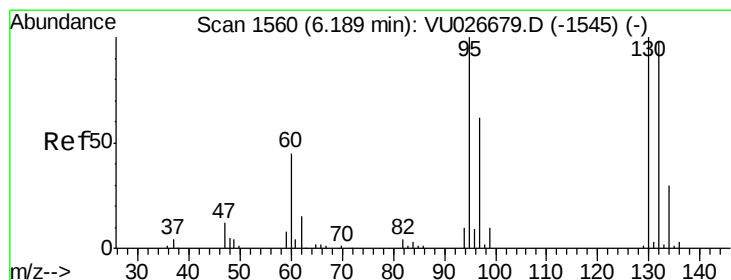
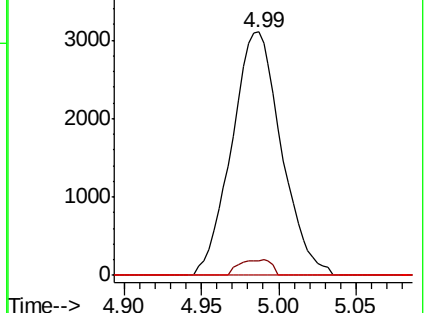
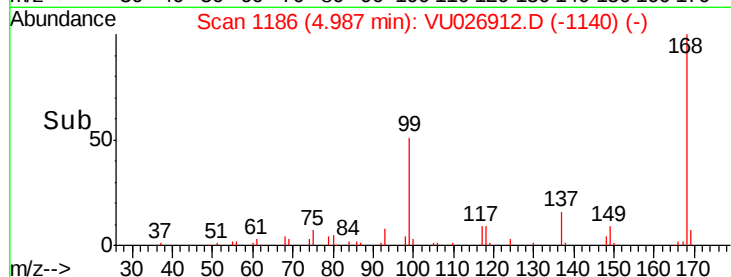
121 0.0 25.0 37.4#



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



#44

Trichloroethene

Concen: 0.233 ug/l

RT: 6.20 min Scan# 1562

Delta R.T. 0.01 min

Lab File: VU026912.D

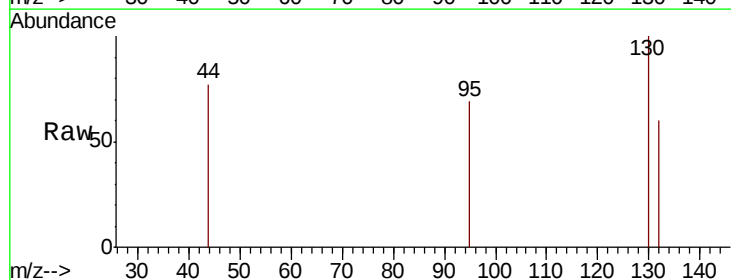
Acq: 19 Sep 2018 21:12

Tgt Ion:130 Resp: 269

Ion Ratio Lower Upper

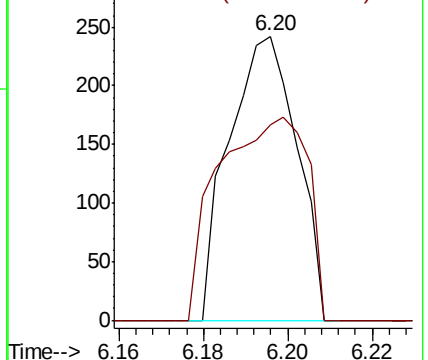
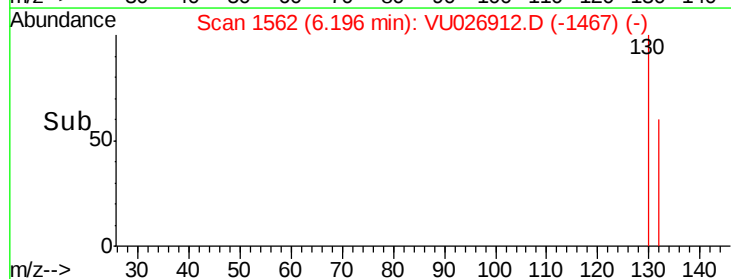
130 100

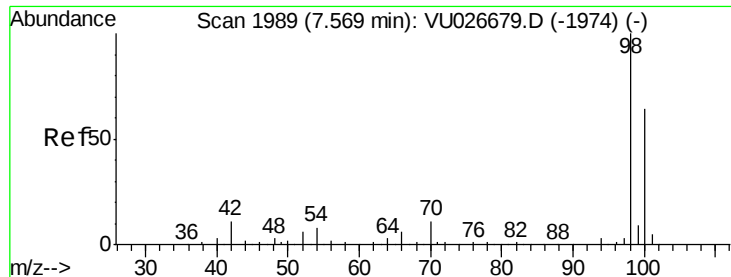
95 69.0 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 49.589 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026912.D

Acq: 19 Sep 2018 21:12

Instrument :

MSVOA_U

ClientSampleId :

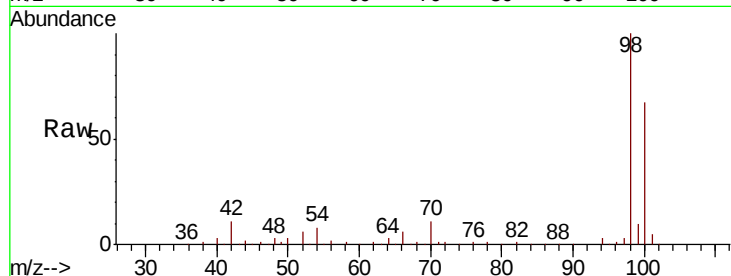
SA-MW185S-20180912

Tgt Ion: 98 Resp: 200454

Ion Ratio Lower Upper

98 100

100 65.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VU026679.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026679.D (-1974) (-)

7.57

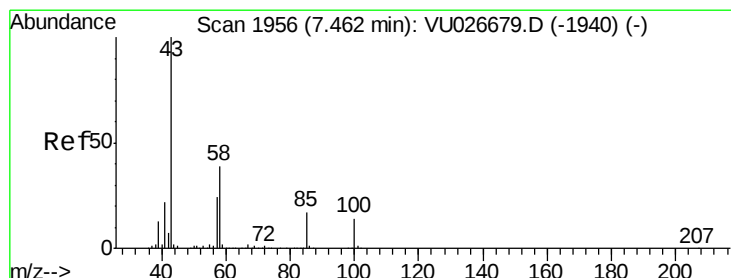
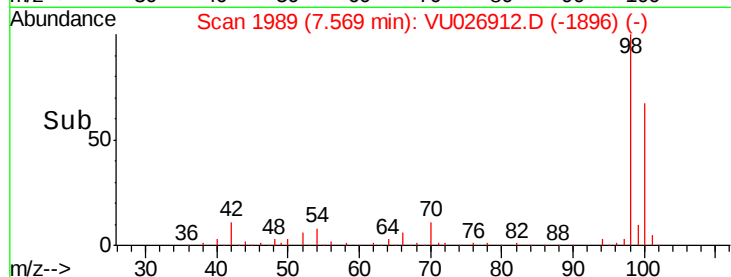
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.404 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.10 min

Lab File: VU026912.D

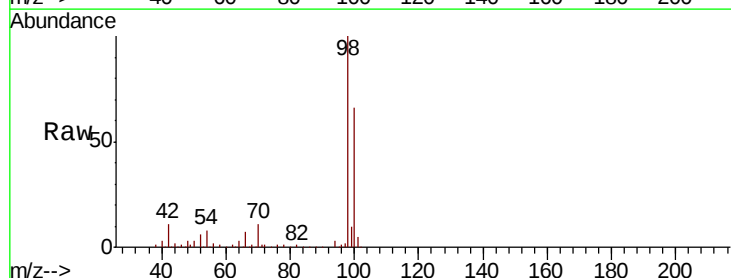
Acq: 19 Sep 2018 21:12

Tgt Ion: 43 Resp: 744

Ion Ratio Lower Upper

43 100

58 199.5 31.1 46.7#



Abundance Ion 43.00 (42.70 to 43.70): VU026679.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU026679.D (-1940) (-)

1000

800

600

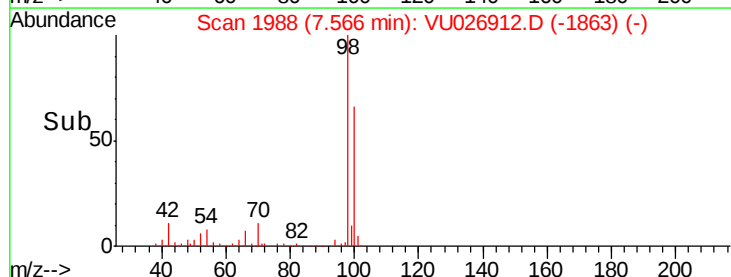
400

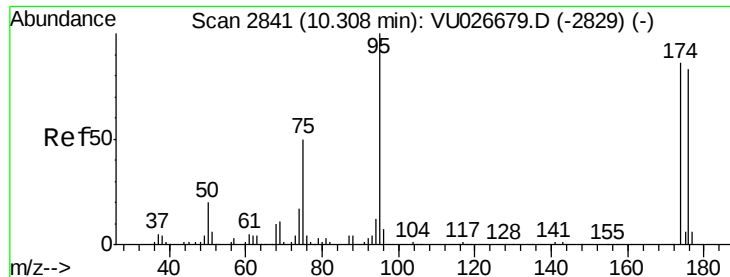
200

0

7.52 7.54 7.56 7.58 7.60

Time-->

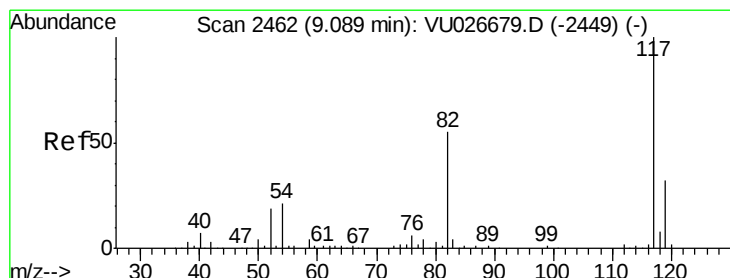
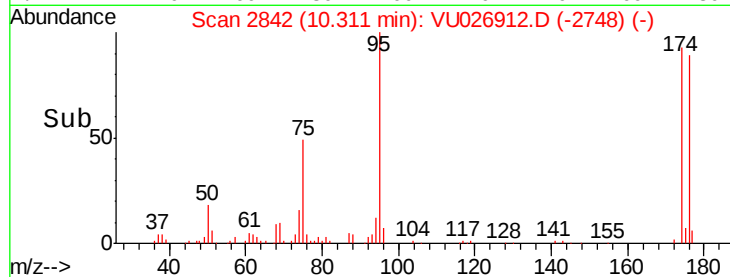
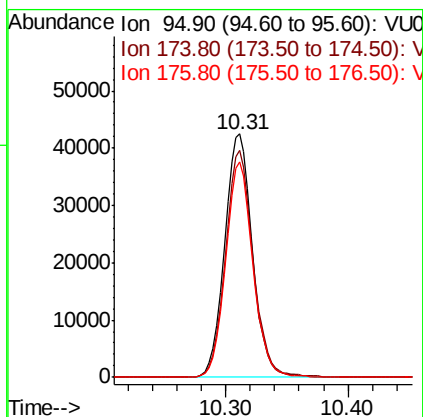
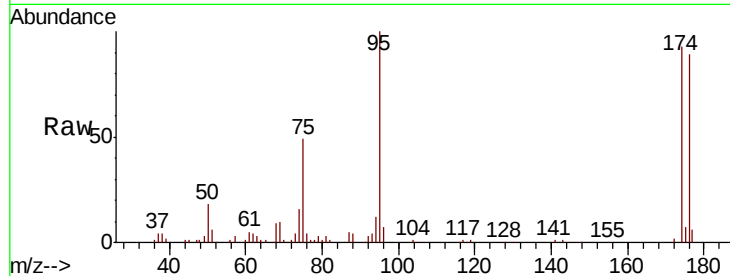




#62
4-Bromofluorobenzene
Concen: 46.260 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU026912.D
Acq: 19 Sep 2018 21:12

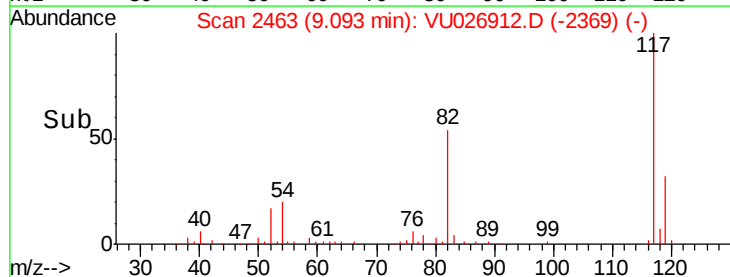
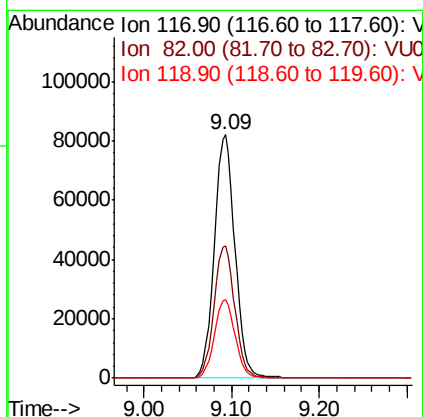
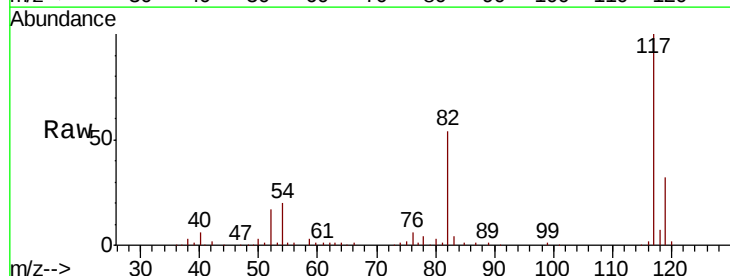
Instrument :
MSVOA_U
ClientSampleId :
SA-MW185S-20180912

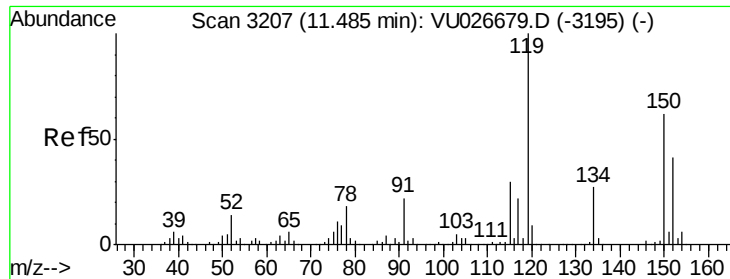
Tgt Ion: 95 Resp: 67774
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.8
176 87.0 0.0 168.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU026912.D
Acq: 19 Sep 2018 21:12

Tgt Ion: 117 Resp: 134482
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.1 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026912.D

Acq: 19 Sep 2018 21:12

Instrument :

MSVOA_U

ClientSampleId :

SA-MW185S-20180912

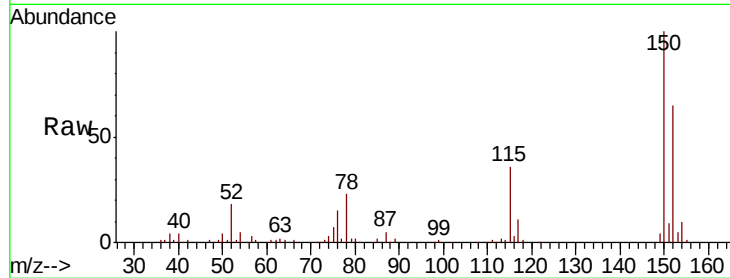
Tgt Ion:152 Resp: 72178

Ion Ratio Lower Upper

152 100

115 54.4 40.4 121.1

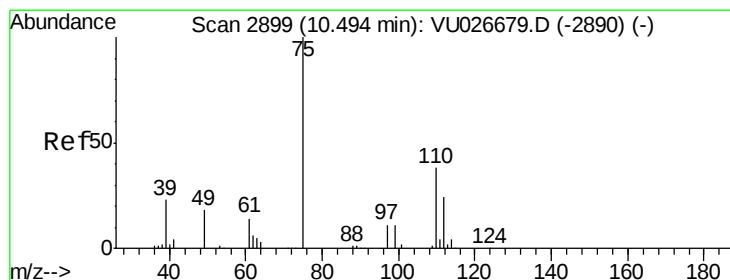
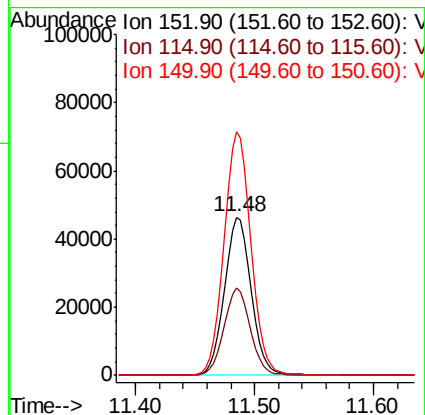
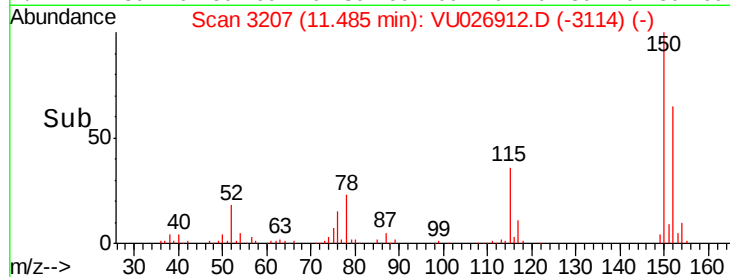
150 155.6 0.0 345.2



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: 20.685 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU026912.D

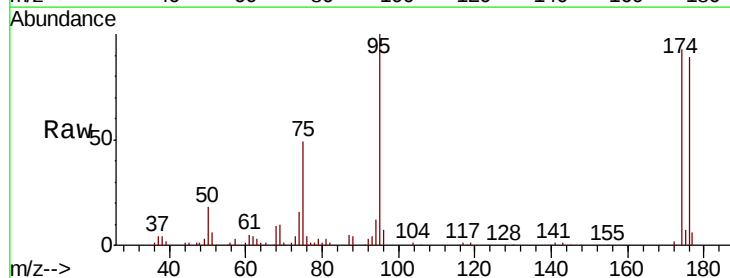
Acq: 19 Sep 2018 21:12

Tgt Ion: 75 Resp: 33444

Ion Ratio Lower Upper

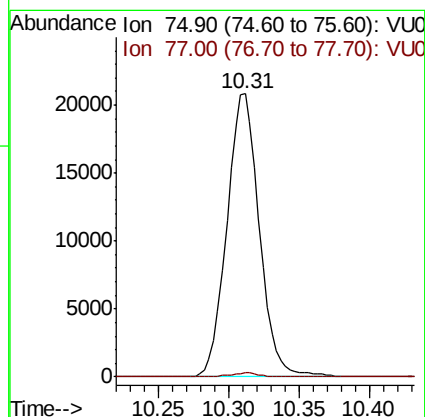
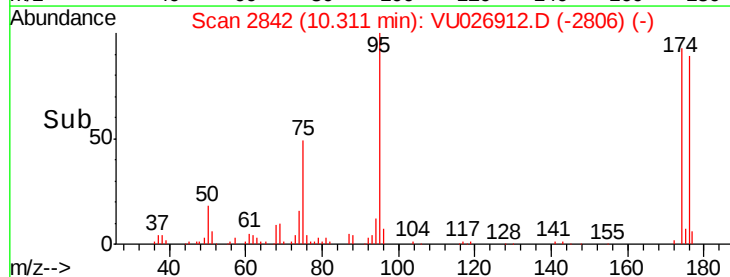
75 100

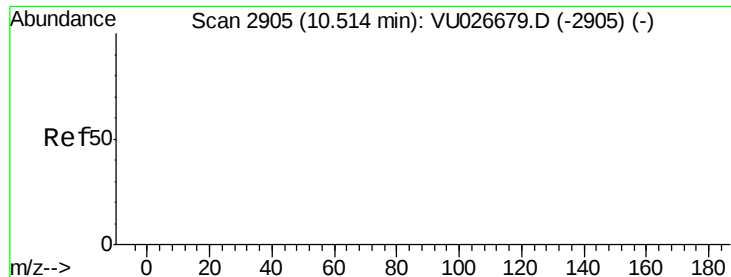
77 1.2 21.1 63.1#



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: 63.723 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.20 min

Lab File: VU026912.D

Acq: 19 Sep 2018 21:12

Instrument :

MSVOA_U

ClientSampleId :

SA-MW185S-20180912

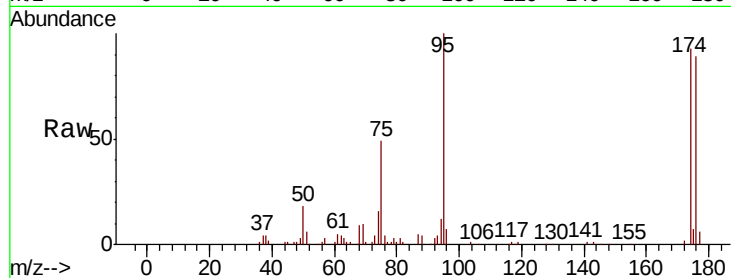
Tgt Ion: 75 Resp: 33444

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

