

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029028.D
 Acq On : 04 Jan 2019 15:28
 Operator : MD/SY
 Sample : K1056-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jan 05 03:46:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

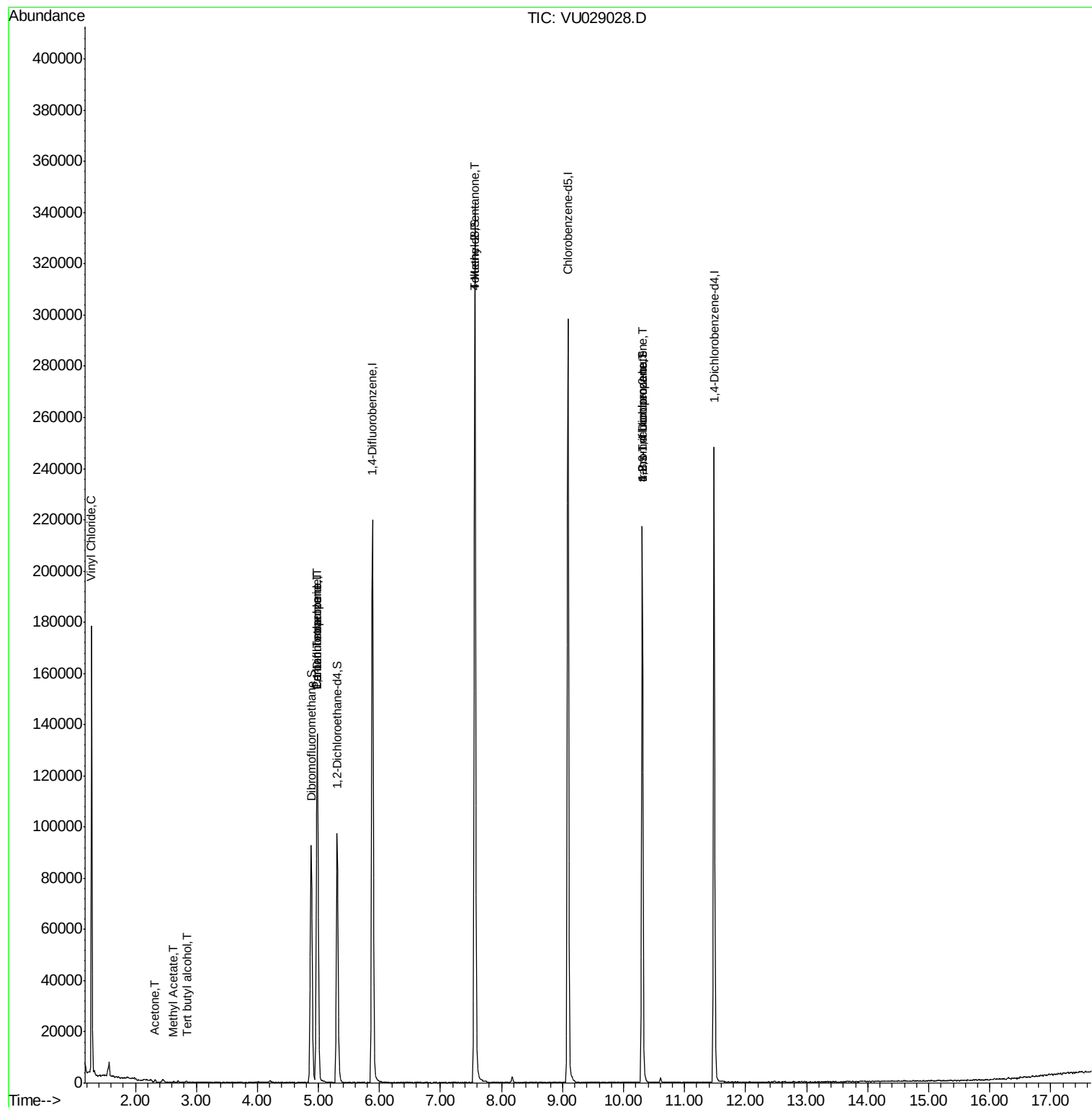
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	112562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	191301	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	175660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74254	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	4.88	113	65499	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
50) Toluene-d8	7.56	98	239742	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.30	95	76013	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.29	62	1478	0.898	ug/l #	42
5) Bromomethane	1.62	94	111	Below Cal		92
11) Tert butyl alcohol	2.84	59	238	0.673	ug/l #	73
16) Acetone	2.32	43	799	0.911	ug/l #	84
17) Carbon Disulfide	2.48	76	196	Below Cal	#	75
18) Methyl Acetate	2.63	43	530	0.260	ug/l #	51
31) Cyclohexane	4.98	56	1892	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8153	4.264	ug/l #	46
38) Carbon Tetrachloride	4.98	117	10142	6.359	ug/l #	18
51) 4-Methyl-2-Pentanone	7.57	43	888	0.405	ug/l #	1
76) 1,2,3-Trichloropropane	10.30	75	35979	21.672	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.30	75	35979	55.893	ug/l #	100

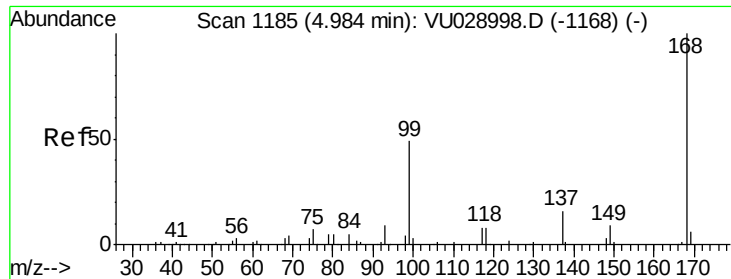
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU010519\
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STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jan 05 03:46:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029028.D

Acq: 04 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

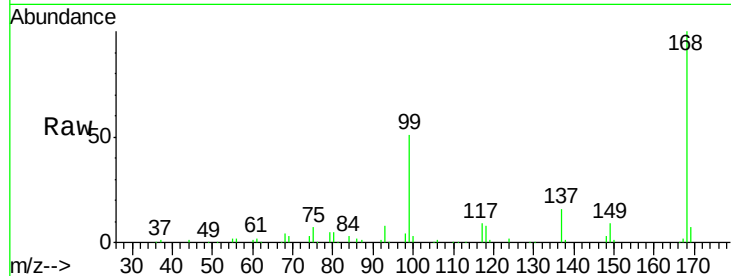
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 112562

Ion Ratio Lower Upper

168 100

99 50.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)

4.98

4.98

4.98

4.98

4.98

4.98

4.98

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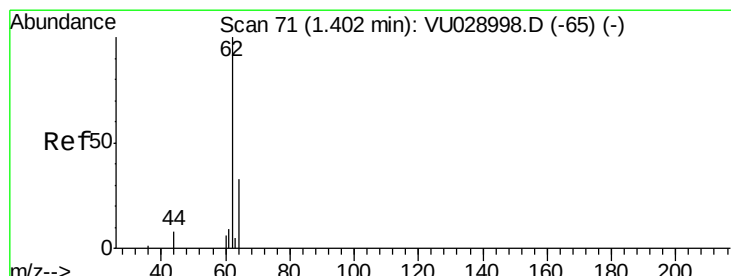
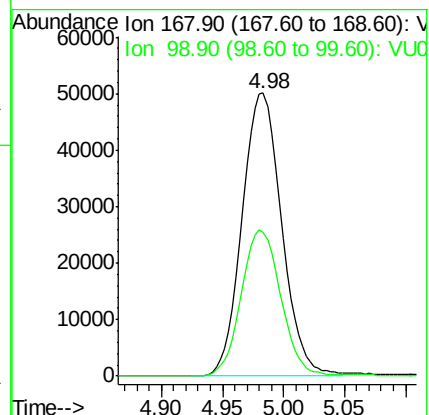
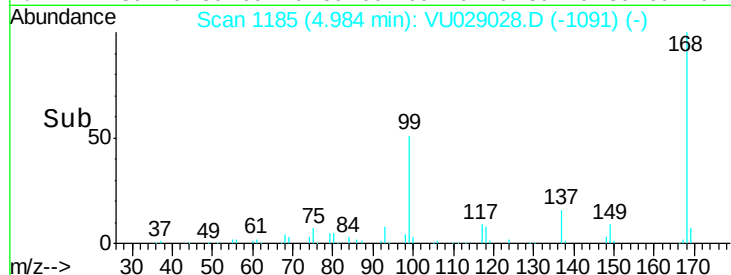
4.98

4.98

4.98

4.98

4.98



#4

Vinyl Chloride

Concen: 0.898 ug/l

RT: 1.29 min Scan# 35

Delta R.T. -0.12 min

Lab File: VU029028.D

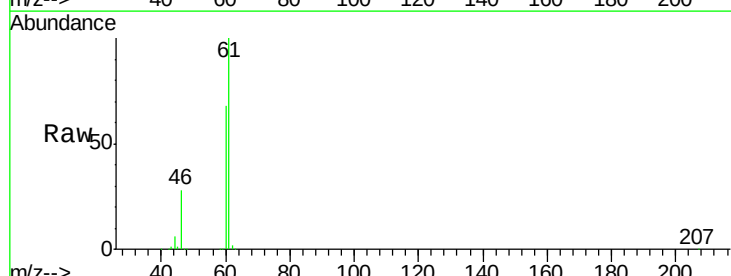
Acq: 04 Jan 2019 15:28

Tgt Ion: 62 Resp: 1478

Ion Ratio Lower Upper

62 100

64 0.0 25.9 38.9#



Abundance Ion 61.90 (61.60 to 62.60): VU028998.D (-65) (-)

Ion 63.90 (63.60 to 64.60): VU028998.D (-65) (-)

1.29

1.29

1.29

1.29

1.29

1.29

1.29

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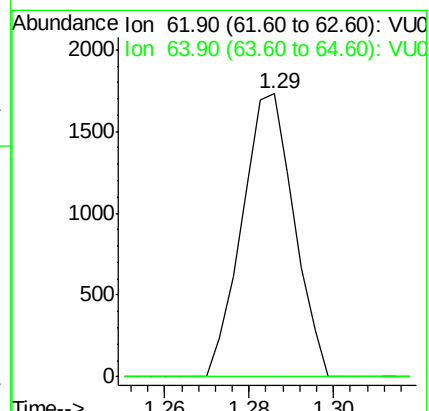
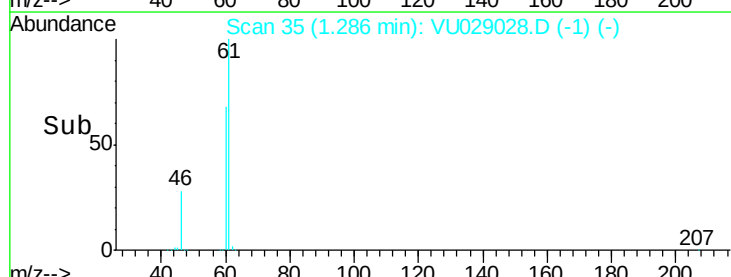
1.29

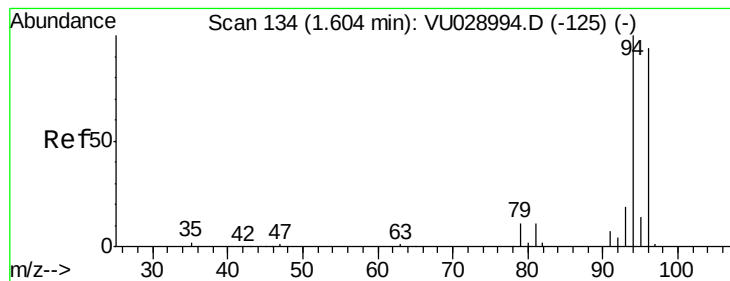
1.29

1.29

1.29

1.29





#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 140

Delta R.T. 0.02 min

Lab File: VU029028.D

Acq: 04 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

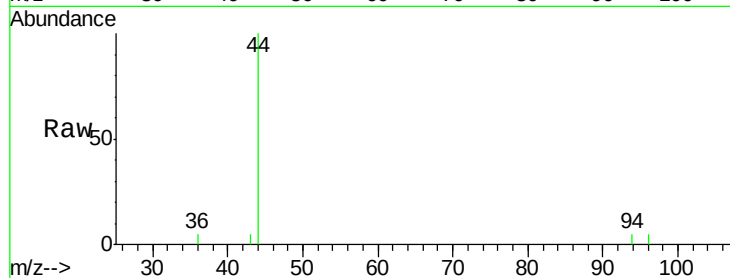
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 94 Resp: 111

Ion Ratio Lower Upper

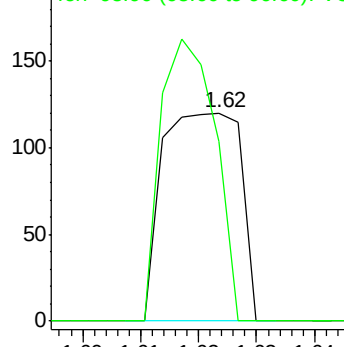
94 100

96 86.7 75.5 113.3

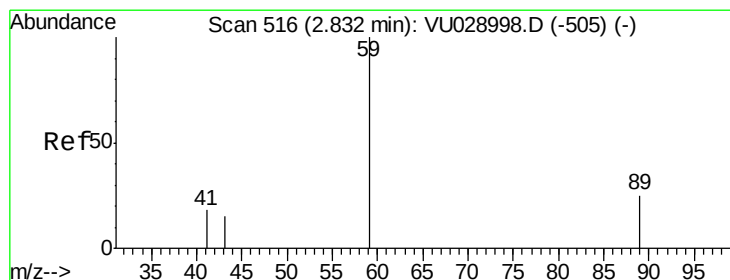
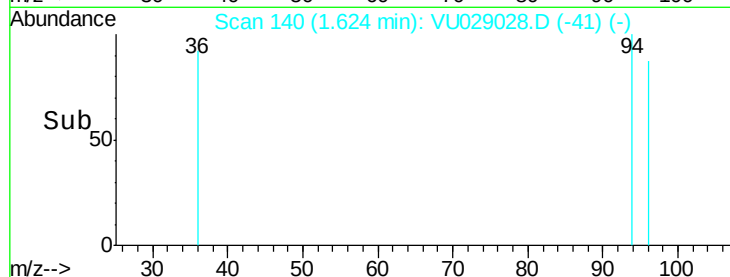


Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0



Time-->



#11

Tert butyl alcohol

Concen: 0.673 ug/l

RT: 2.84 min Scan# 517

Delta R.T. 0.00 min

Lab File: VU029028.D

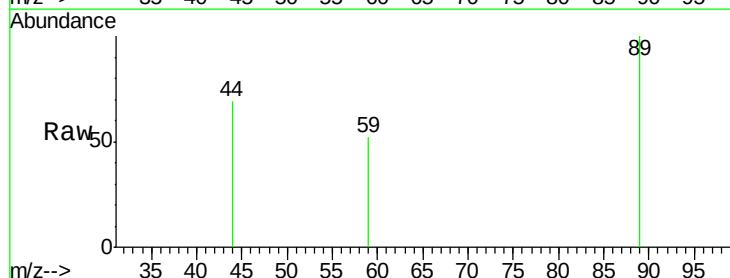
Acq: 04 Jan 2019 15:28

Tgt Ion: 59 Resp: 238

Ion Ratio Lower Upper

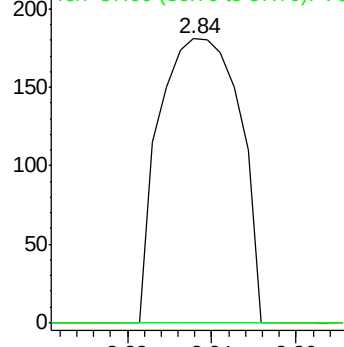
59 100

57 0.0 7.9 11.9#

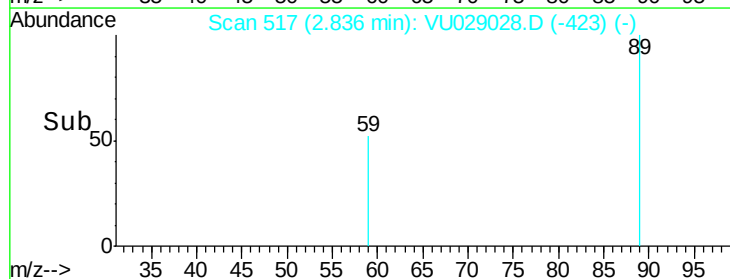


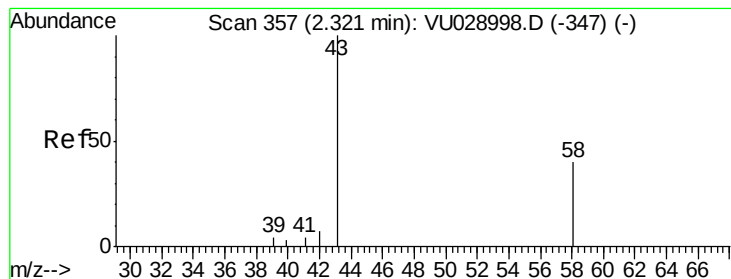
Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0



Time-->





#16

Acetone

Concen: 0.911 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029028.D

Acq: 04 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

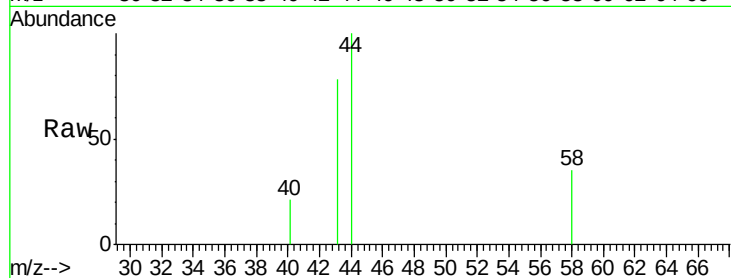
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 43 Resp: 799

Ion Ratio Lower Upper

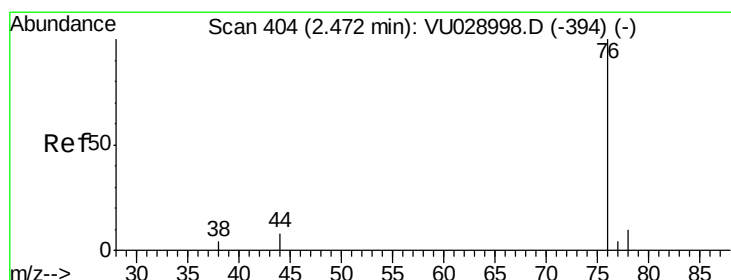
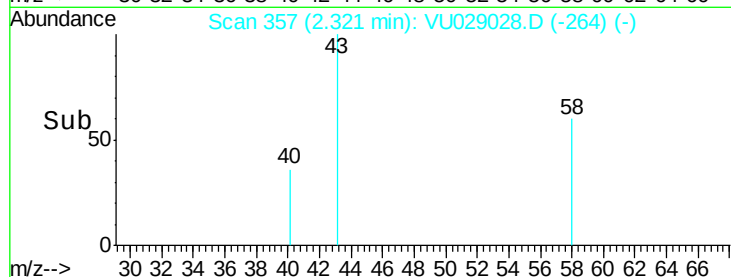
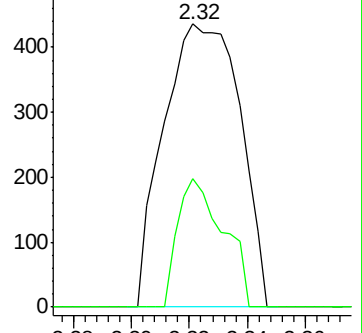
43 100

58 45.2 28.6 42.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU029028.D

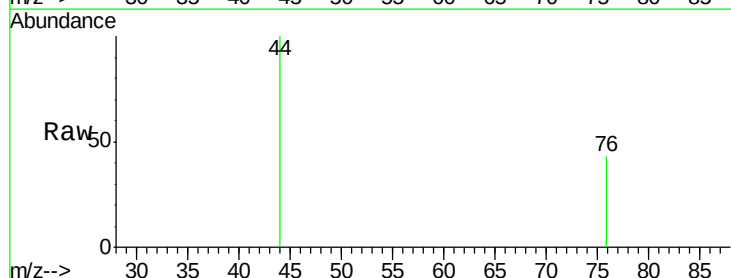
Acq: 04 Jan 2019 15:28

Tgt Ion: 76 Resp: 196

Ion Ratio Lower Upper

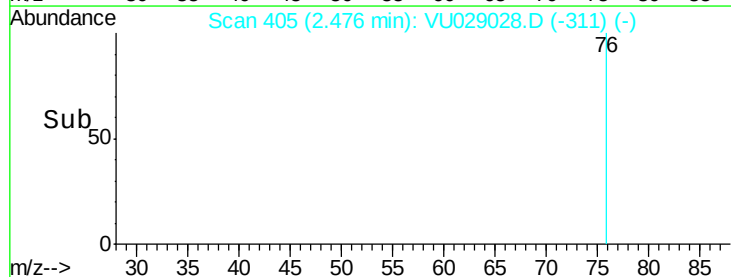
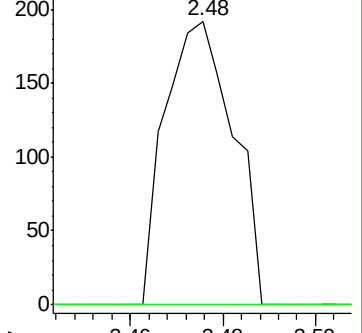
76 100

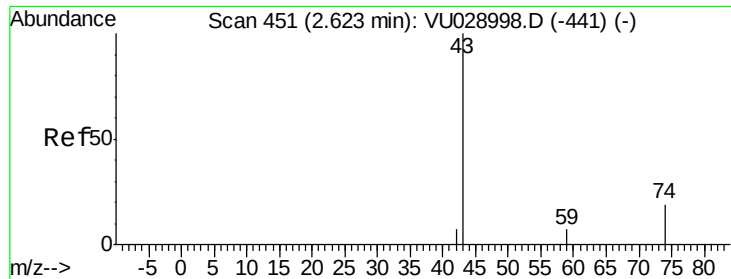
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0





#18

Methyl Acetate

Concen: 0.260 ug/l

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU029028.D

Acq: 04 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

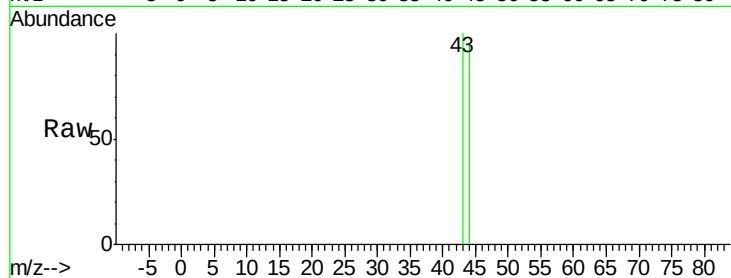
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 43 Resp: 530

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.63

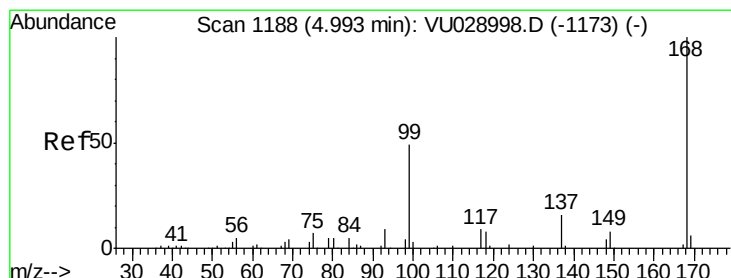
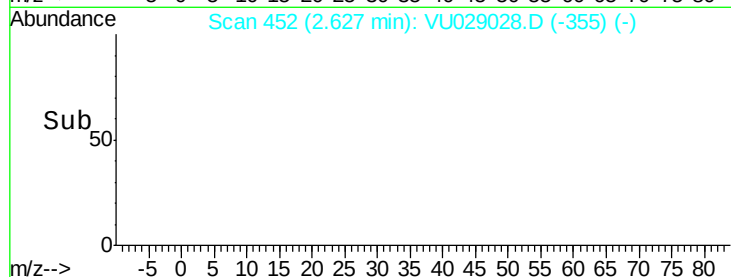
300

200

100

0

Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VU029028.D

Acq: 04 Jan 2019 15:28

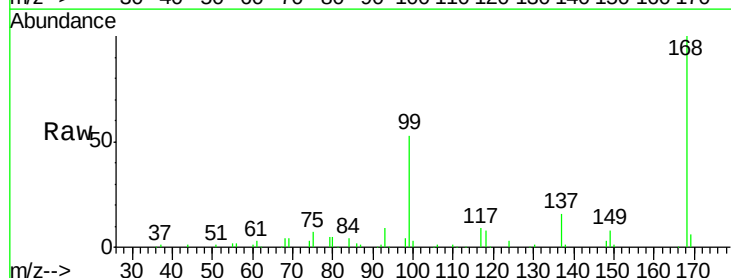
Tgt Ion: 56 Resp: 1892

Ion Ratio Lower Upper

56 100

69 211.8 26.7 40.1#

84 209.8 65.7 98.5#



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

2000

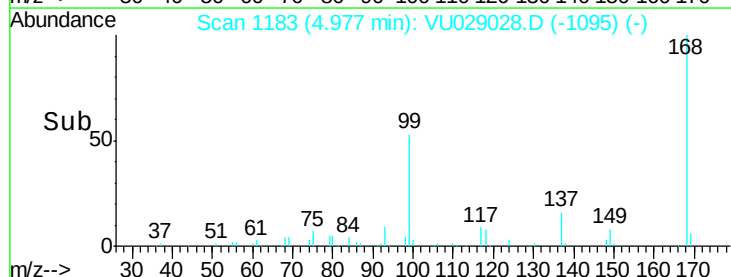
1500

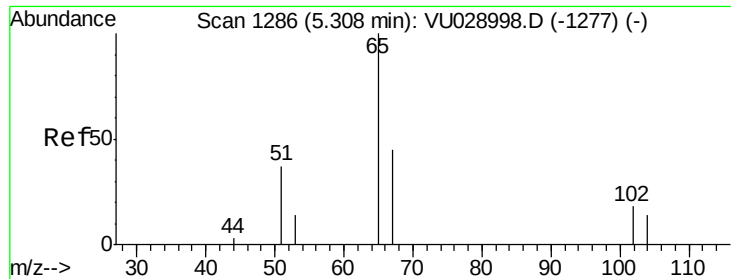
1000

500

0

Time-->

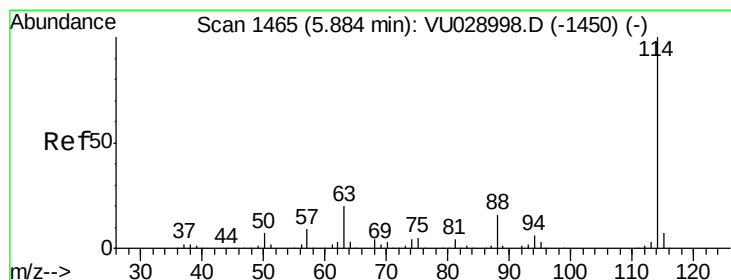
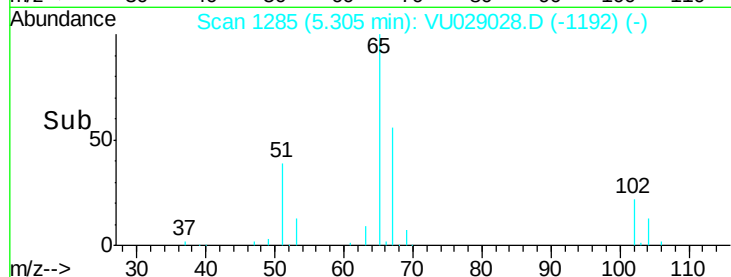
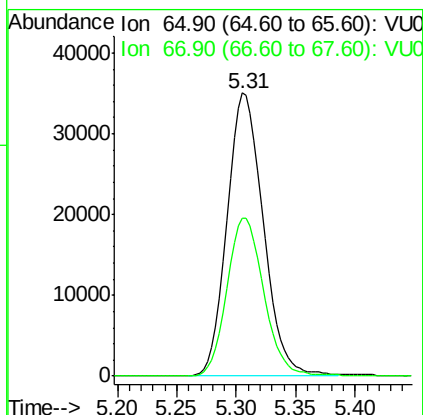
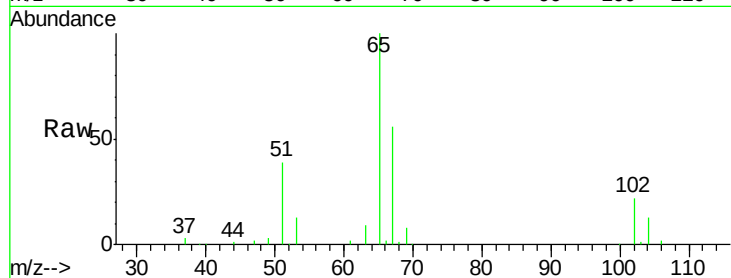




#33
 1,2-Dichloroethane-d4
 Concen: 53.363 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029028.D
 Acq: 04 Jan 2019 15:28

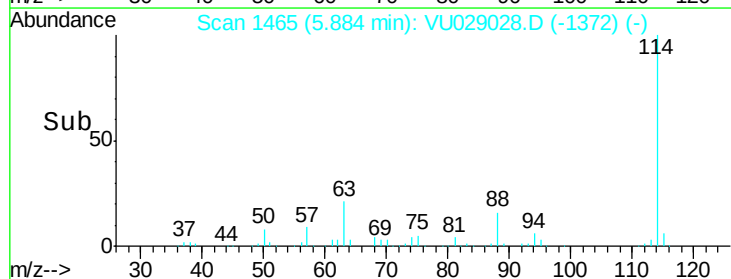
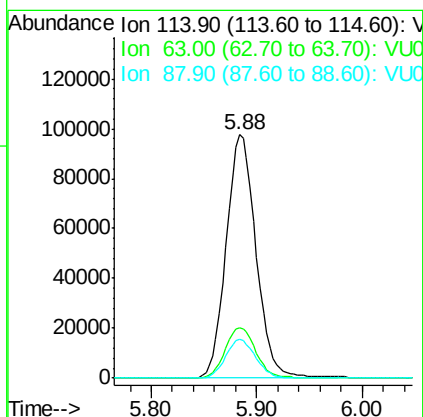
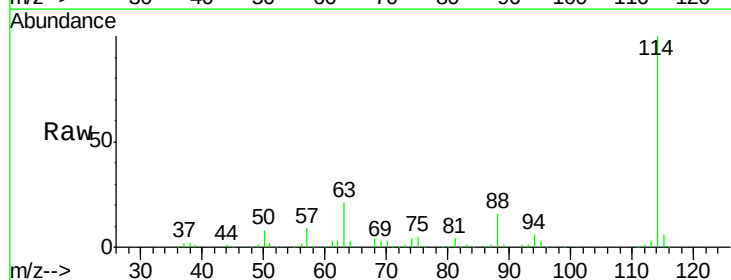
Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

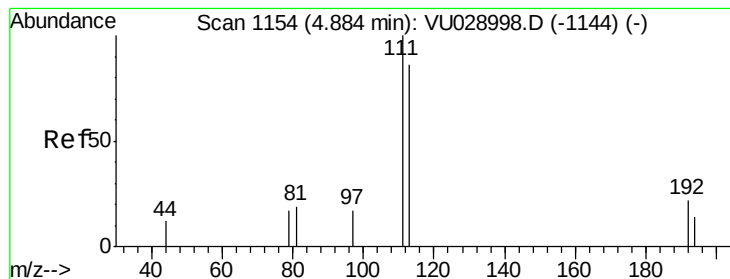
Tot Ion: 65 Resp: 74254
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029028.D
 Acq: 04 Jan 2019 15:28

Tgt Ion: 114 Resp: 191301
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.2
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.819 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029028.D

Acq: 04 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

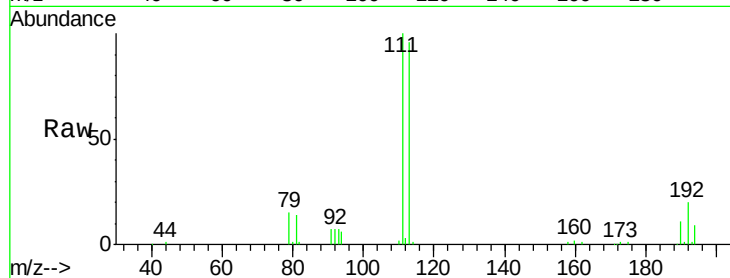
Tot Ion:113 Resp: 65499

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

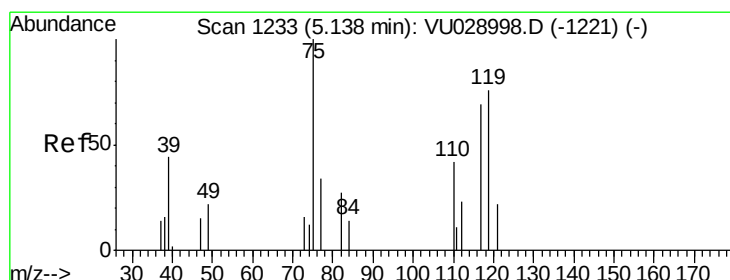
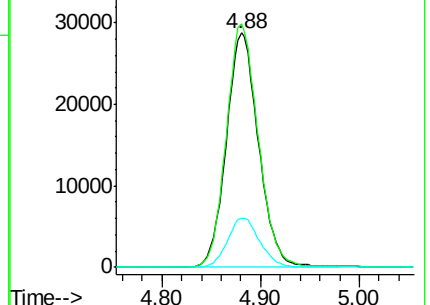
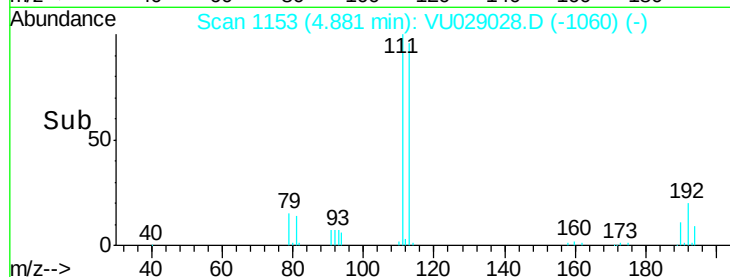
192 20.9 16.8 25.2



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: 4.264 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.15 min

Lab File: VU029028.D

Acq: 04 Jan 2019 15:28

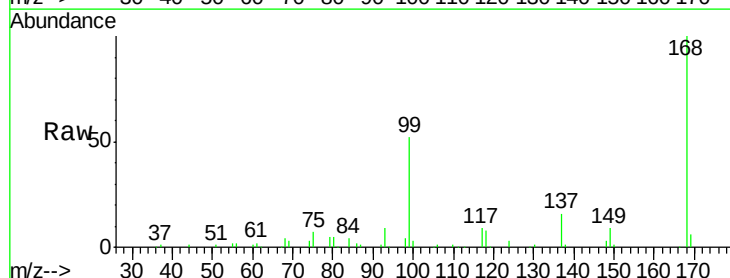
Tgt Ion: 75 Resp: 8153

Ion Ratio Lower Upper

75 100

110 5.8 18.4 55.4#

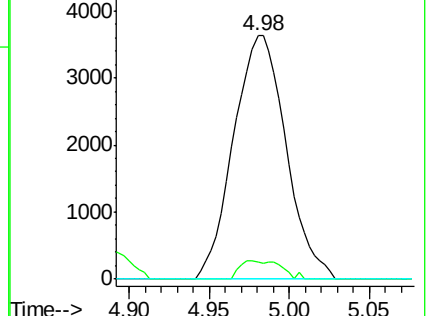
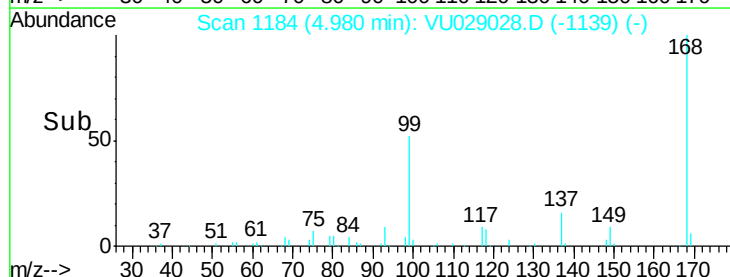
77 0.0 25.1 37.7#

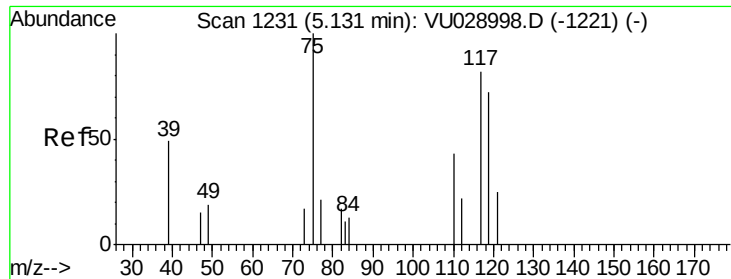


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0

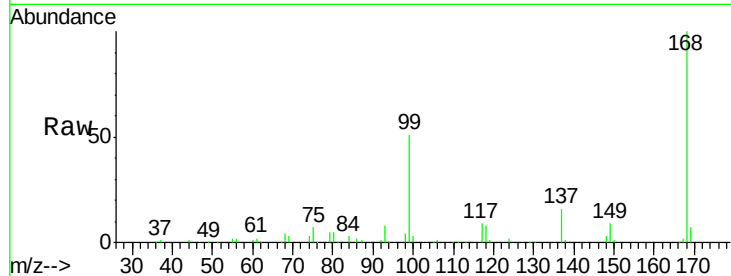




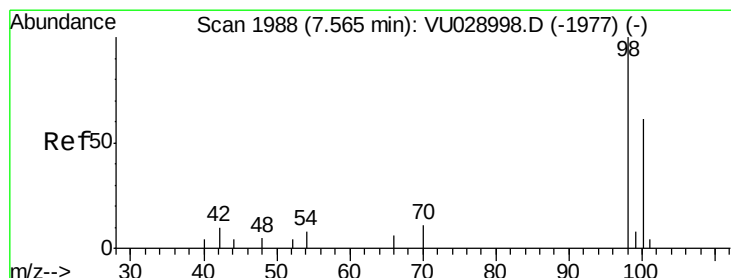
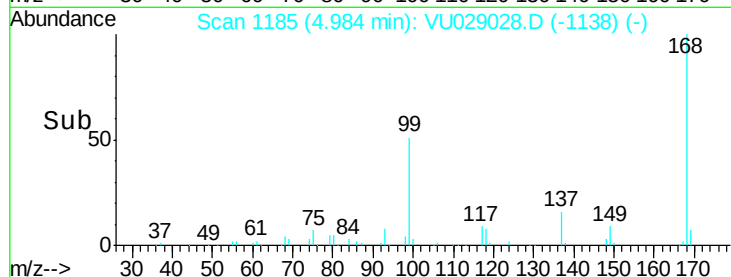
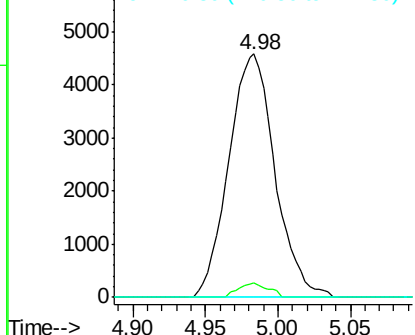
#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029028.D
Acq: 04 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 10142
Ion Ratio Lower Upper
117 100
119 5.8 74.6 111.8#
121 0.0 25.0 37.6#

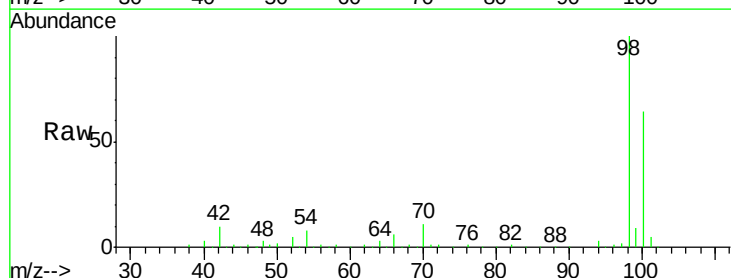


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

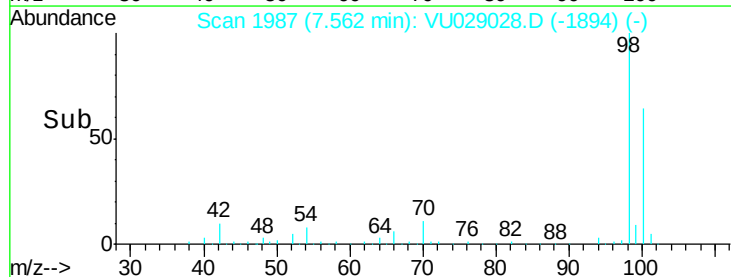
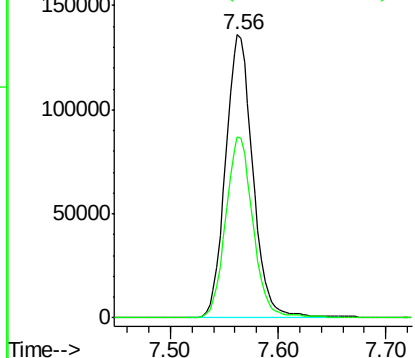


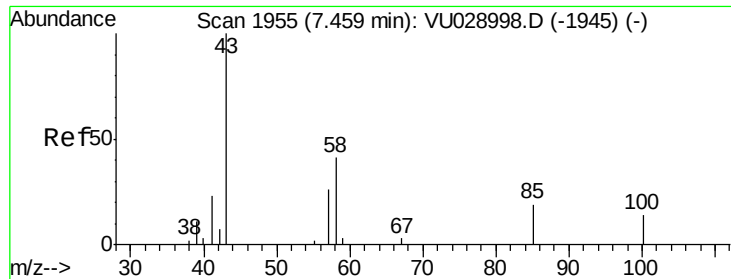
#50
Toluene-d8
Concen: 48.971 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029028.D
Acq: 04 Jan 2019 15:28

Tgt Ion: 98 Resp: 239742
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 0.405 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.11 min

Lab File: VU029028.D

Acq: 04 Jan 2019 15:28

Instrument :

MSVOA_U

ClientSampleId :

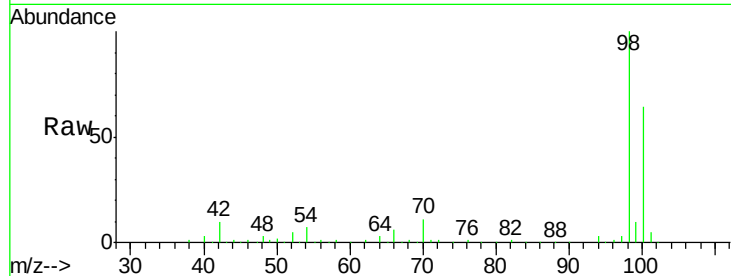
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 43 Resp: 888

Ion Ratio Lower Upper

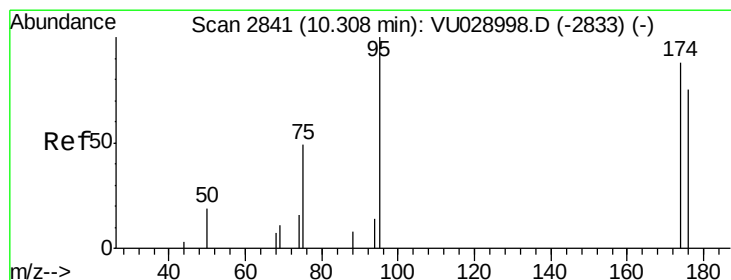
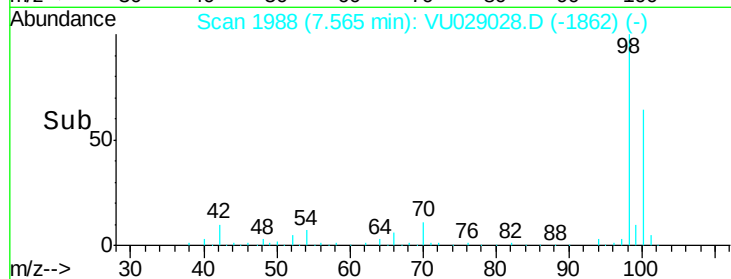
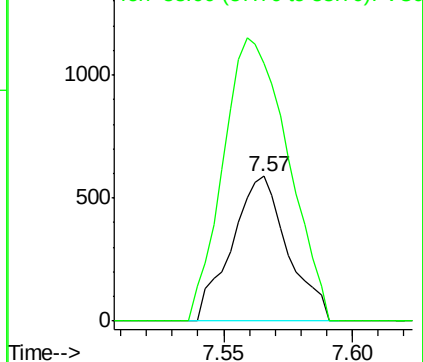
43 100

58 225.8 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#62

4-Bromofluorobenzene

Concen: 43.204 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029028.D

Acq: 04 Jan 2019 15:28

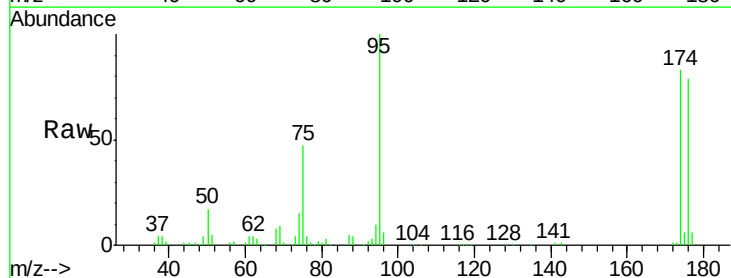
Tgt Ion: 95 Resp: 76013

Ion Ratio Lower Upper

95 100

174 83.8 0.0 170.6

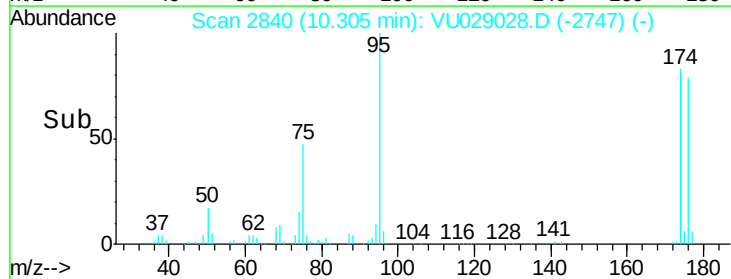
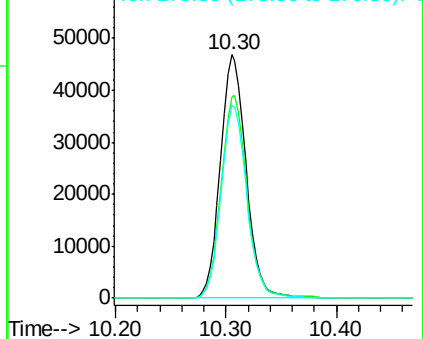
176 79.1 0.0 165.0

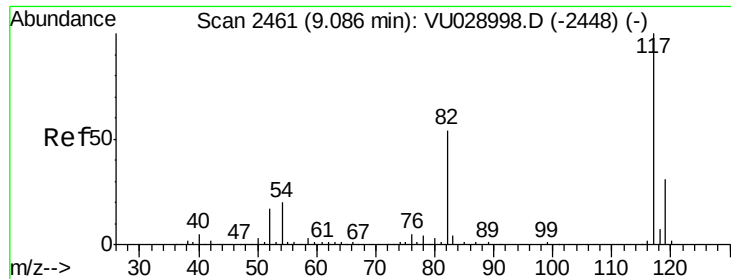


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

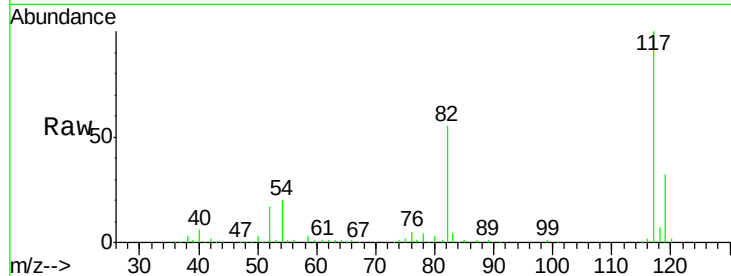




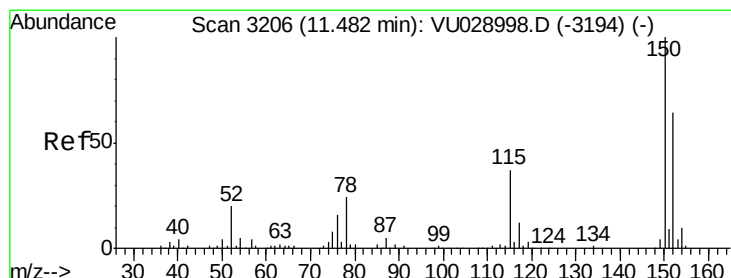
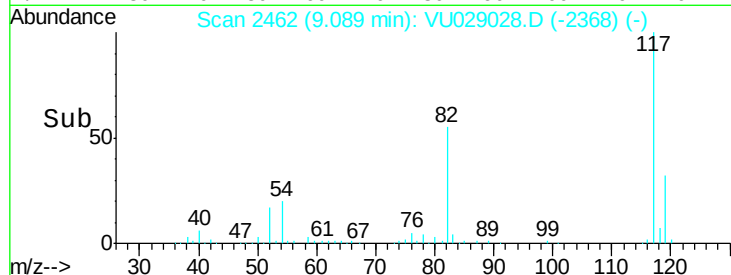
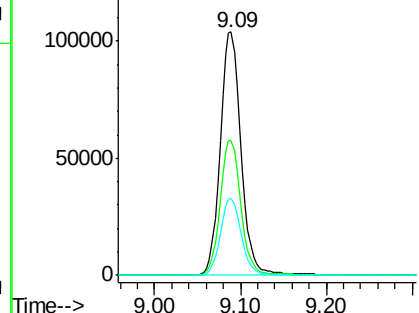
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029028.D
Acq: 04 Jan 2019 15:28

Instrument :
MSVOA_U
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 175660
Ion Ratio Lower Upper
117 100
82 55.4 43.9 65.9
119 31.6 26.0 39.0

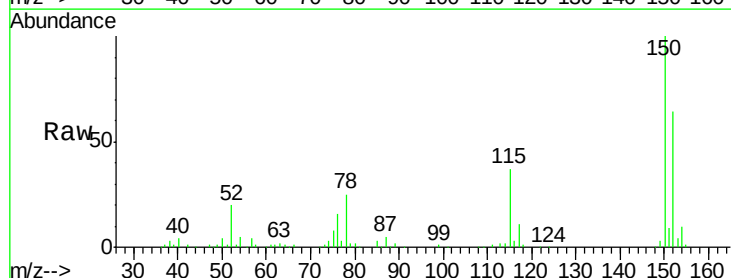


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

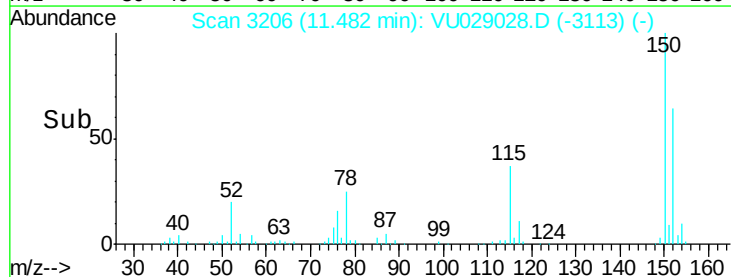
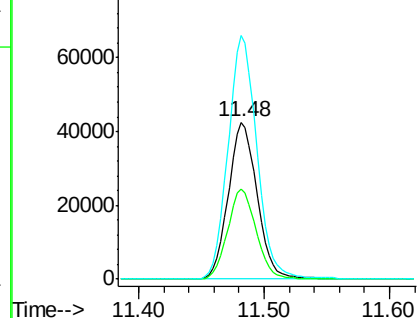


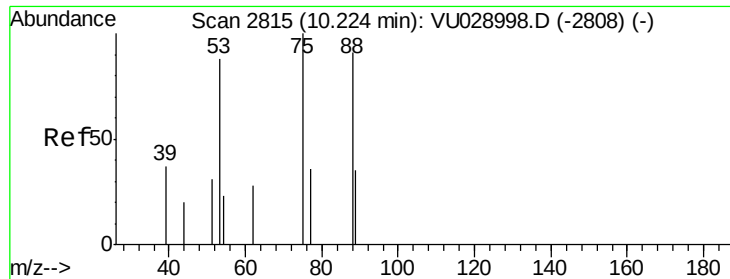
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029028.D
Acq: 04 Jan 2019 15:28

Tgt Ion:152 Resp: 67758
Ion Ratio Lower Upper
152 100
115 57.0 40.1 120.3
150 154.9 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

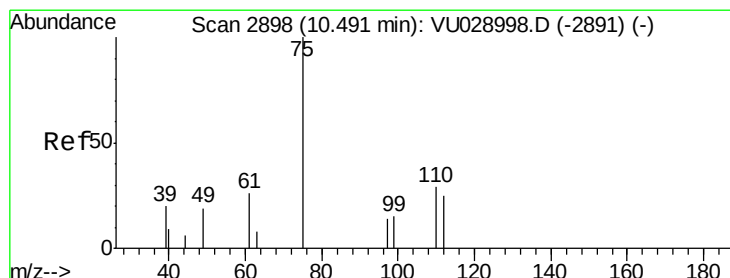
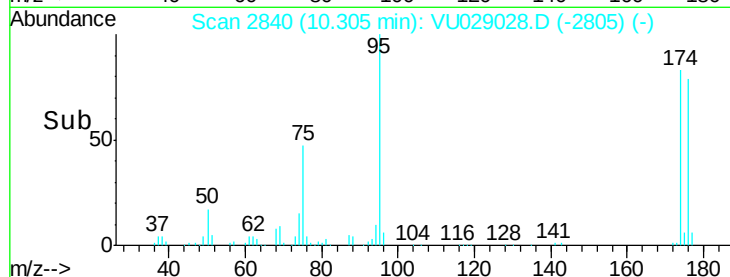
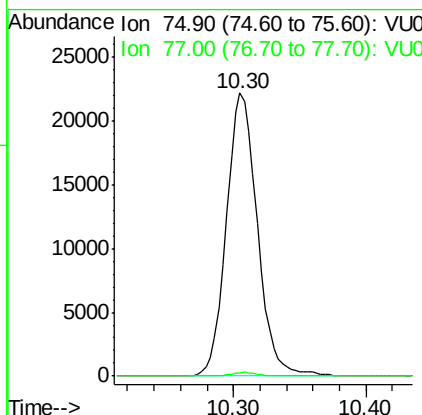
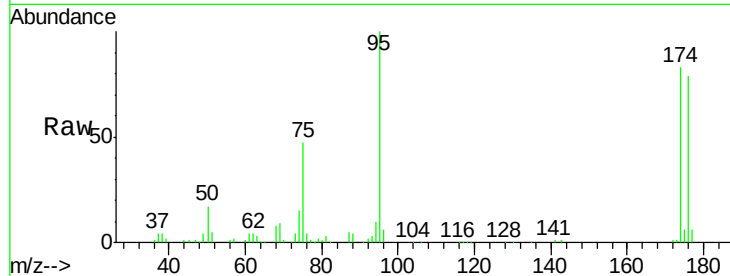




#76
 1,2,3-Trichloropropane
 Concen: 21.672 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.19 min
 Lab File: VU029028.D
 Acq: 04 Jan 2019 15:28

Instrument :
 MSVOA_U
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 35979
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.893 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.21 min
 Lab File: VU029028.D
 Acq: 04 Jan 2019 15:28

Tgt Ion: 75 Resp: 35979
 Ion Ratio Lower Upper
 75 100
 53 0.0 0.0 0.0
 89 0.0 0.0 0.0

