

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029042.D
 Acq On : 04 Jan 2019 21:08
 Operator : MD/SY
 Sample : K1059-03 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BUR-COMP-1

Quant Time: Jan 05 03:50:06 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

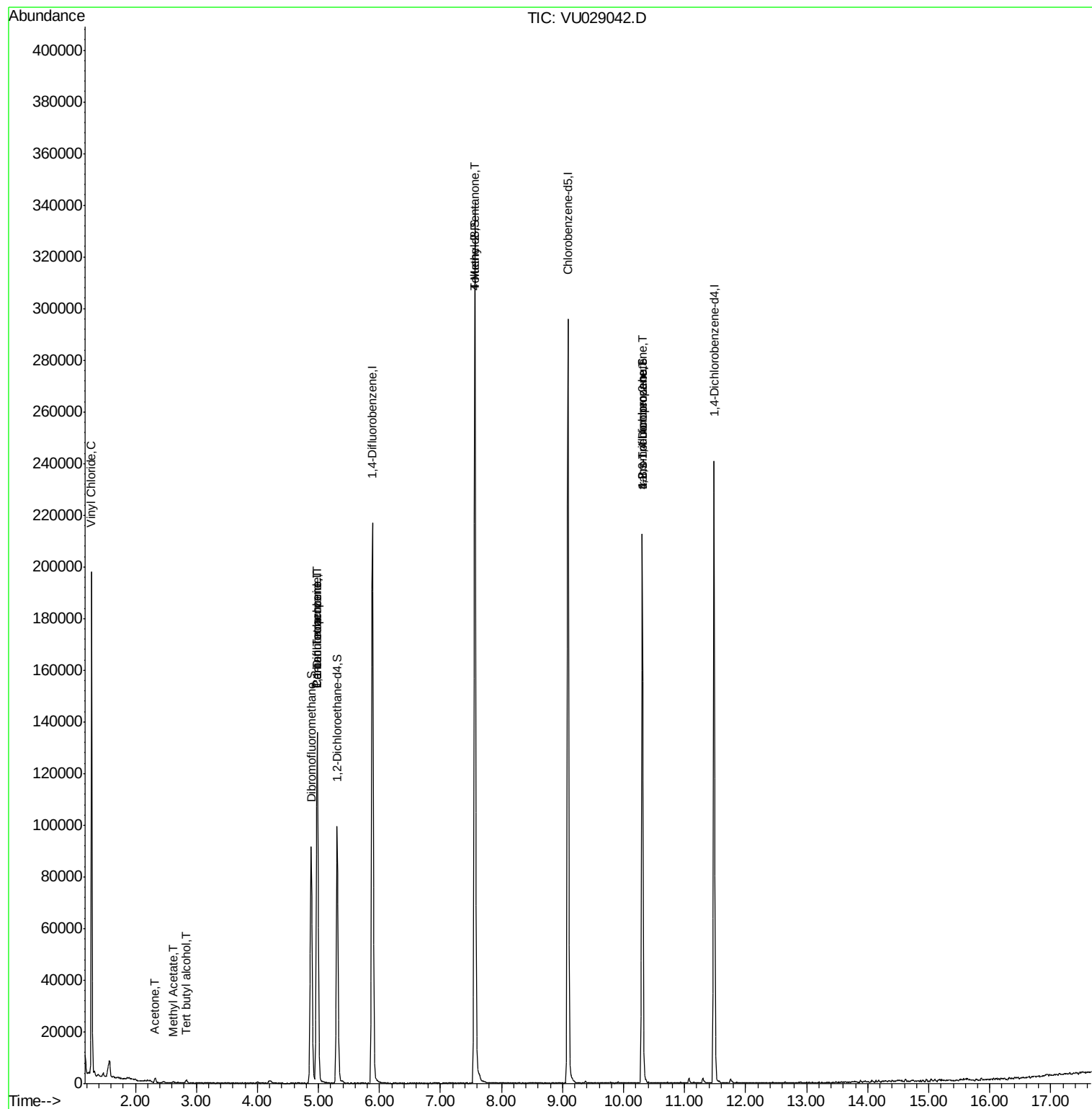
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	188663	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	170991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	65408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74852	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
35) Dibromofluoromethane	4.88	113	62886	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	7.56	98	236344	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	10.30	95	71928	41.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.90%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1074	Below Cal		99
4) Vinyl Chloride	1.28	62	1679	1.038 ug/l #		42
5) Bromomethane	1.61	94	21	Below Cal #		79
11) Tert butyl alcohol	2.83	59	962	2.766 ug/l #		73
16) Acetone	2.32	43	1887	2.189 ug/l		97
17) Carbon Disulfide	2.47	76	41	Below Cal #		75
18) Methyl Acetate	2.62	43	887	0.443 ug/l #		60
31) Cyclohexane	4.98	56	1984	Below Cal #		1
36) 1,1-Dichloropropene	4.98	75	7877	4.177 ug/l #		45
38) Carbon Tetrachloride	4.98	117	9659	6.141 ug/l #		19
51) 4-Methyl-2-Pentanone	7.56	43	909	0.421 ug/l #		1
76) 1,2,3-Trichloropropane	10.30	75	34649	21.621 ug/l #		36
81) trans-1,4-Dichloro-2-buten	10.30	75	34649	55.760 ug/l #		100

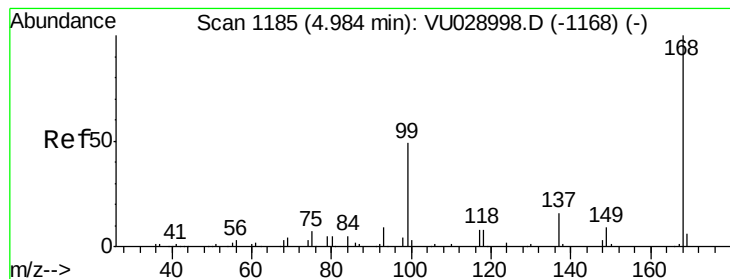
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029042.D

Acq: 04 Jan 2019 21:08

Instrument :

MSVOA_U

ClientSampleId :

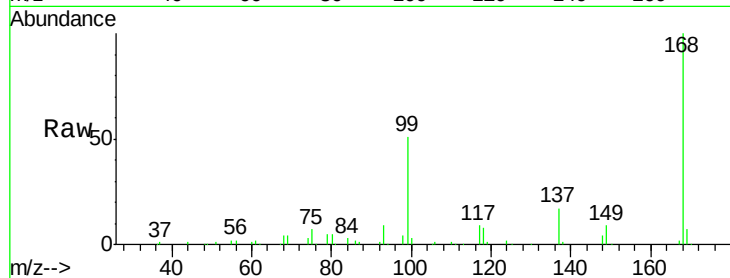
BUR-COMP-1

Tot Ion:168 Resp: 110689

Ion Ratio Lower Upper

168 100

99 51.3 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

50000

40000

30000

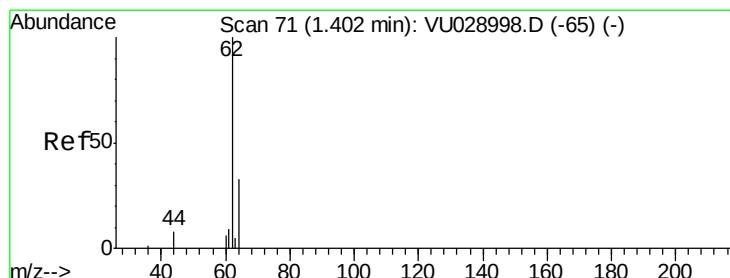
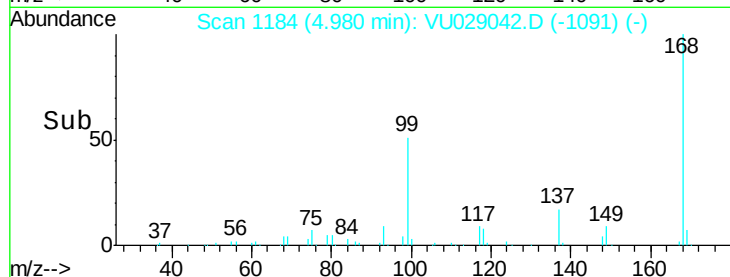
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#4

Vinyl Chloride

Concen: 1.038 ug/l

RT: 1.28 min Scan# 34

Delta R.T. -0.12 min

Lab File: VU029042.D

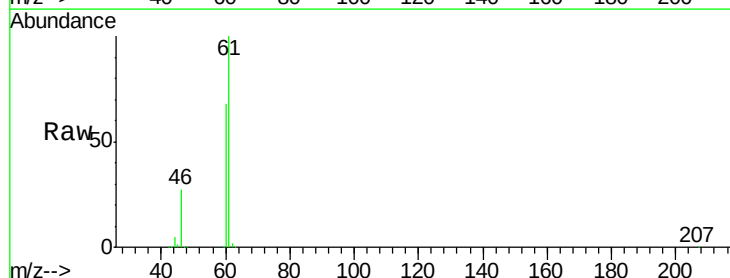
Acq: 04 Jan 2019 21:08

Tgt Ion: 62 Resp: 1679

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) (-)

1.28

2000

1500

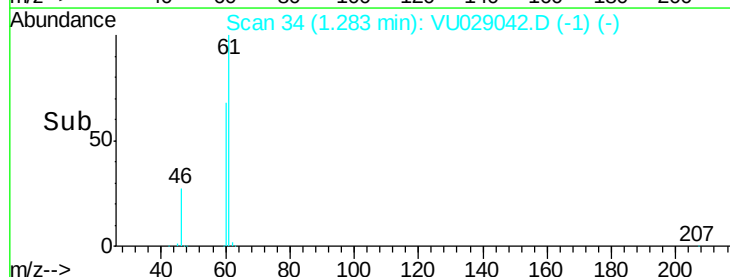
1000

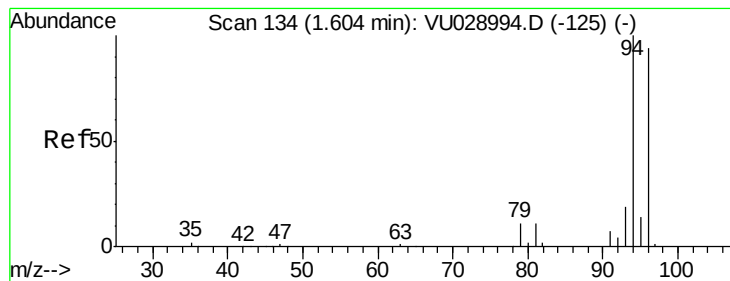
500

0

1.26 1.28 1.30 1.32

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 137

Delta R.T. 0.01 min

Lab File: VU029042.D

Acq: 04 Jan 2019 21:08

Instrument :

MSVOA_U

ClientSampleId :

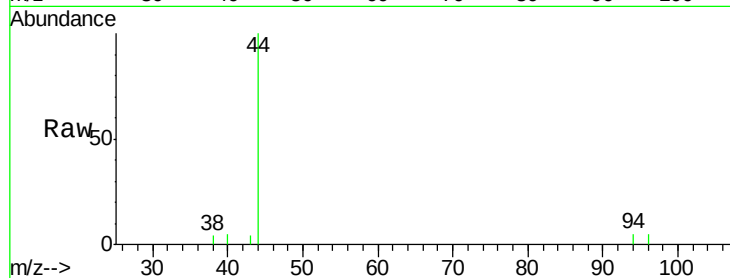
BUR-COMP-1

Tot Ion: 94 Resp: 21

Ion Ratio Lower Upper

94 100

96 114.5 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

150

100

50

0

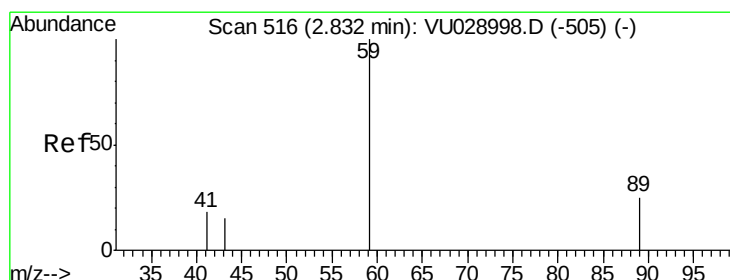
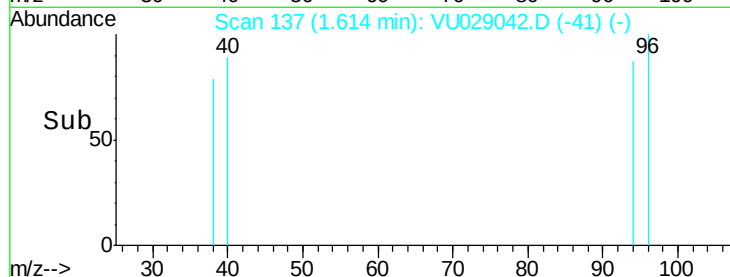
1.61

1.61

1.62

1.62

Time-->



#11

Tert butyl alcohol

Concen: 2.766 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU029042.D

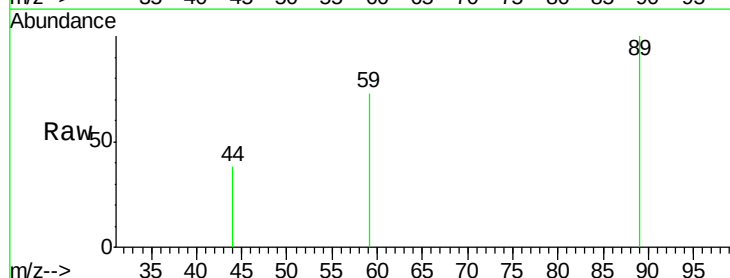
Acq: 04 Jan 2019 21:08

Tgt Ion: 59 Resp: 962

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

600

500

400

300

200

100

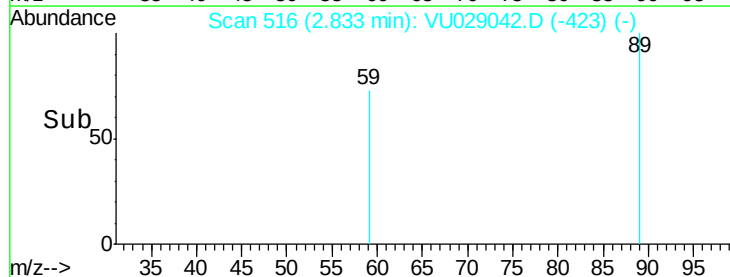
0

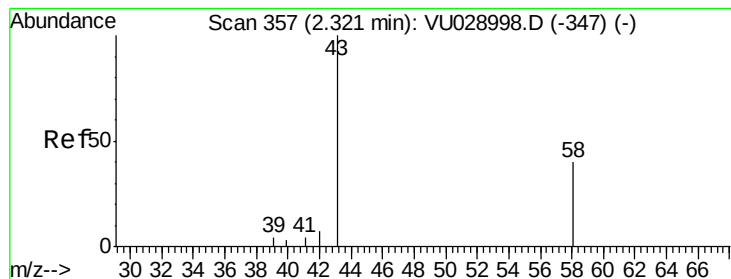
2.83

2.80

2.85

Time-->





#16

Acetone

Concen: 2.189 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029042.D

Acq: 04 Jan 2019 21:08

Instrument :

MSVOA_U

ClientSampleId :

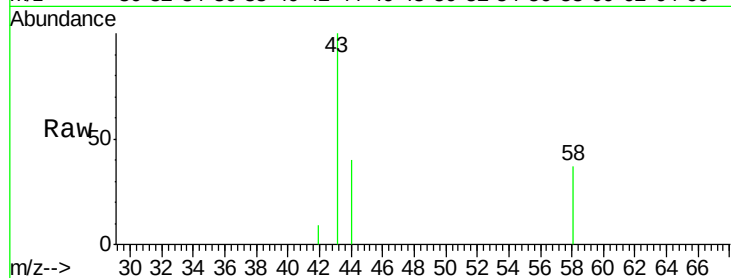
BUR-COMP-1

Tot Ion: 43 Resp: 1887

Ion Ratio Lower Upper

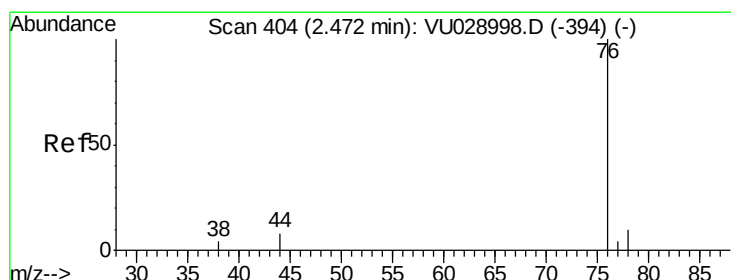
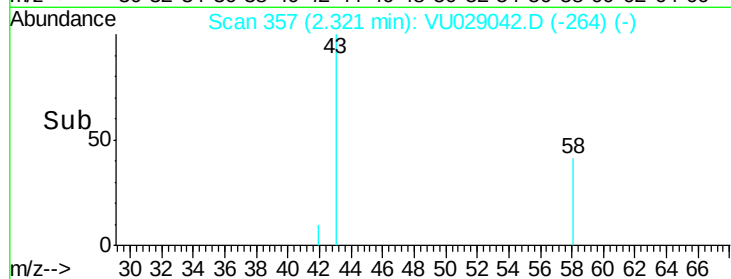
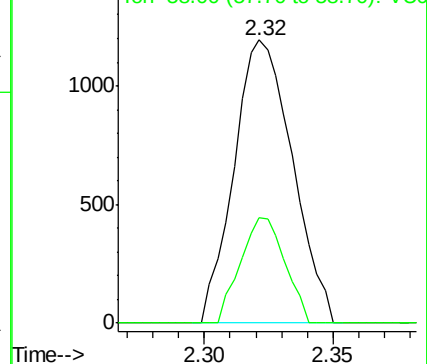
43 100

58 37.3 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: 2.47 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU029042.D

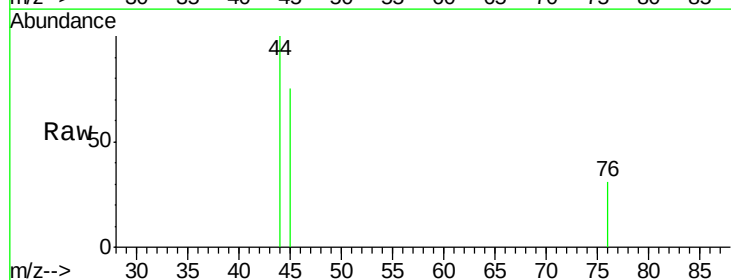
Acq: 04 Jan 2019 21:08

Tgt Ion: 76 Resp: 41

Ion Ratio Lower Upper

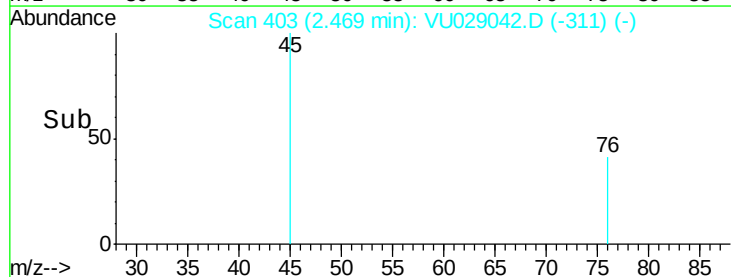
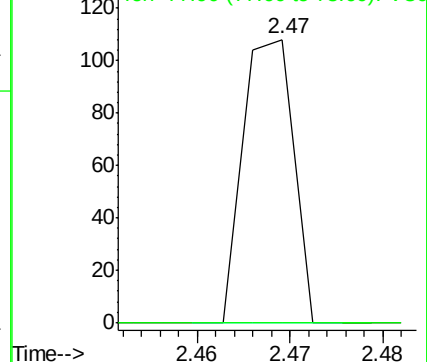
76 100

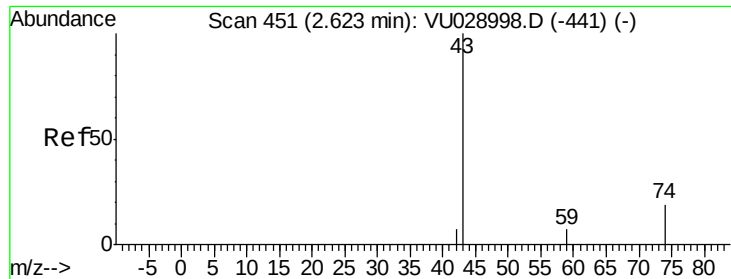
78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

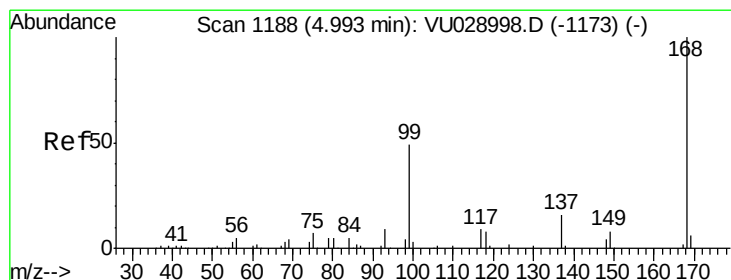
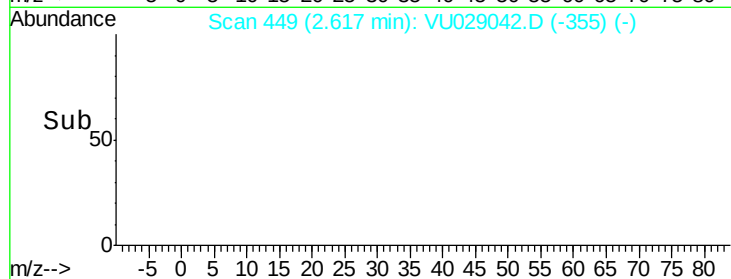
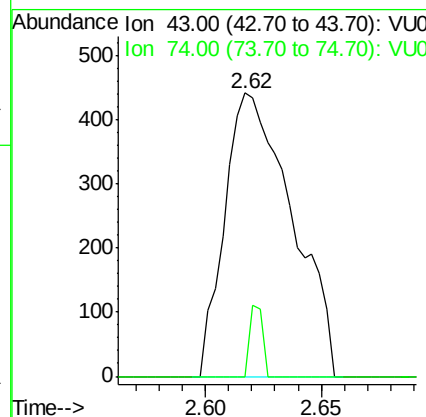
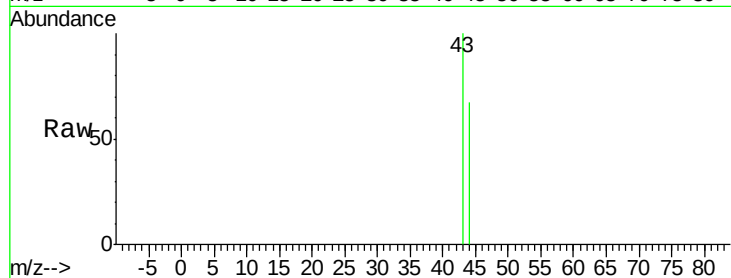




#18
Methvl Acetate
Concen: 0.443 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU029042.D
Acq: 04 Jan 2019 21:08

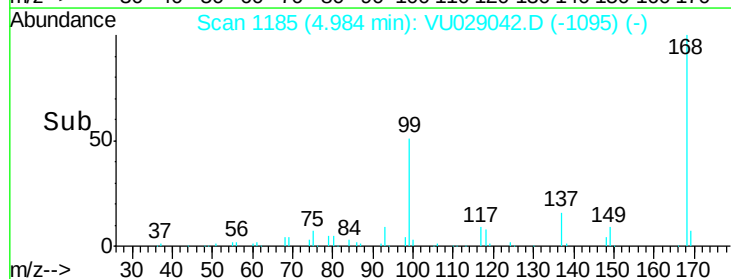
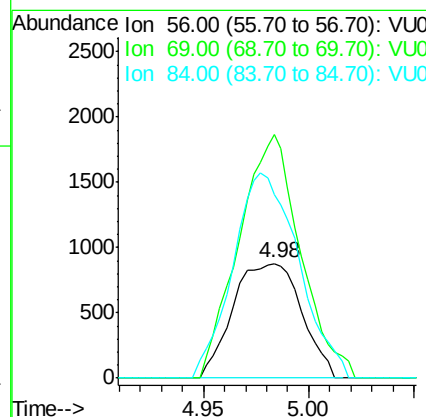
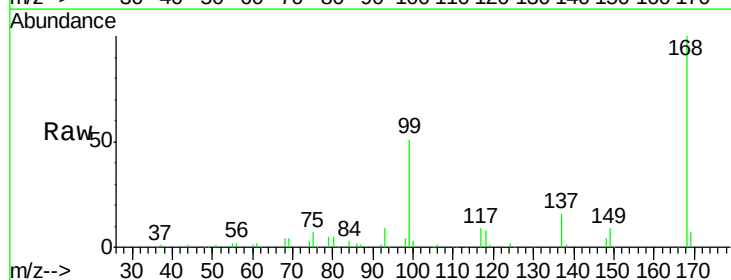
Instrument :
MSVOA_U
ClientSampleId :
BUR-COMP-1

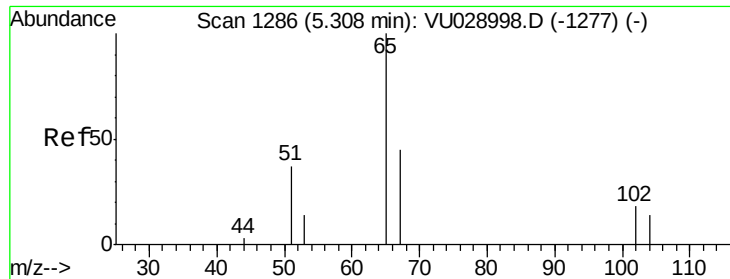
Tot Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
74 4.6 19.5 29.3#



#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU029042.D
Acq: 04 Jan 2019 21:08

Tgt Ion: 56 Resp: 1984
Ion Ratio Lower Upper
56 100
69 212.4 26.7 40.1#
84 160.3 65.7 98.5#

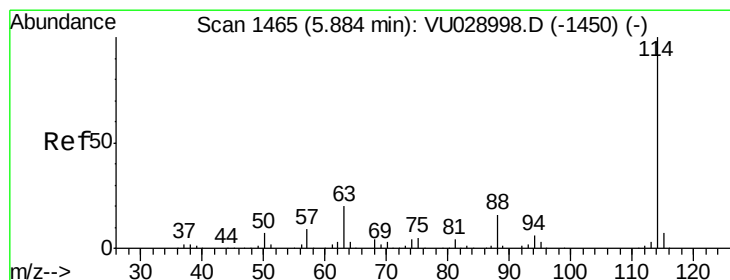
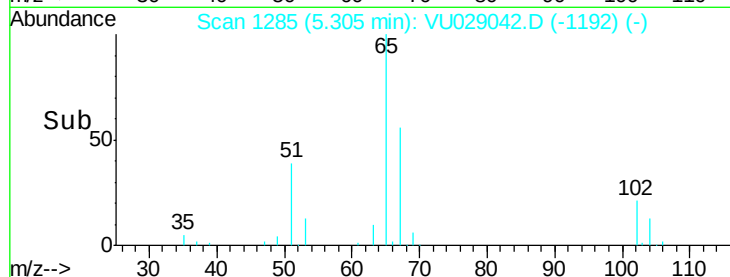
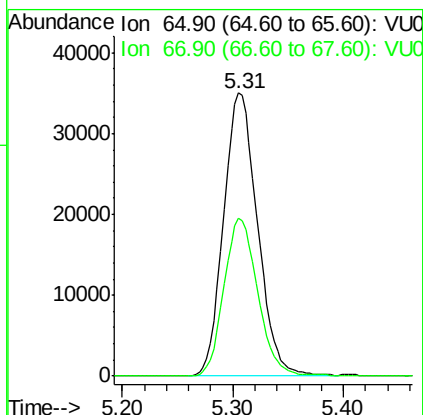
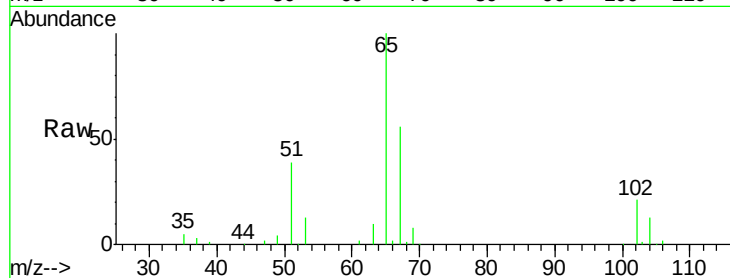




#33
 1,2-Dichloroethane-d4
 Concen: 54.703 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029042.D
 Acq: 04 Jan 2019 21:08

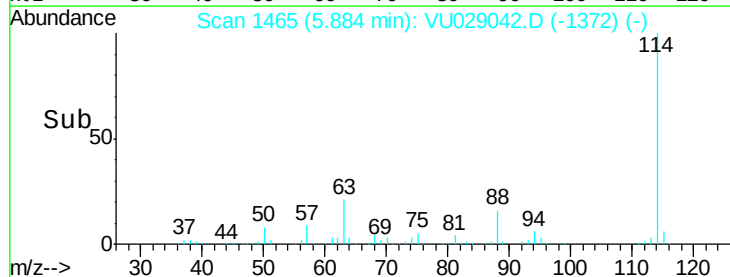
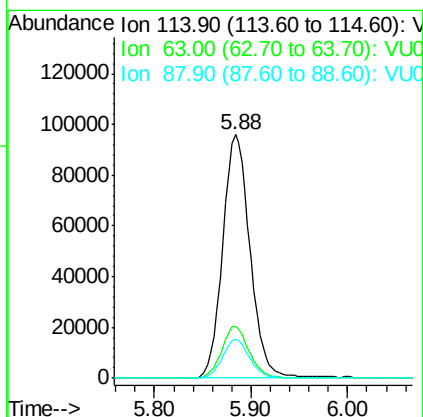
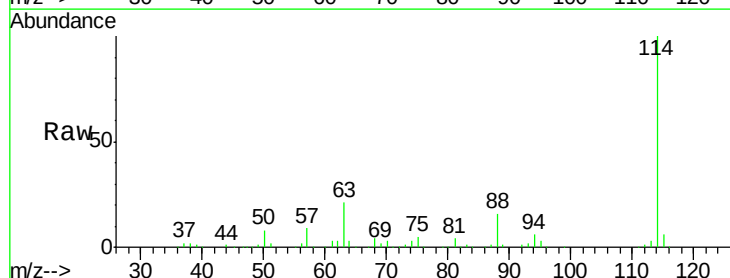
Instrument :
 MSVOA_U
 ClientSampleId :
 BUR-COMP-1

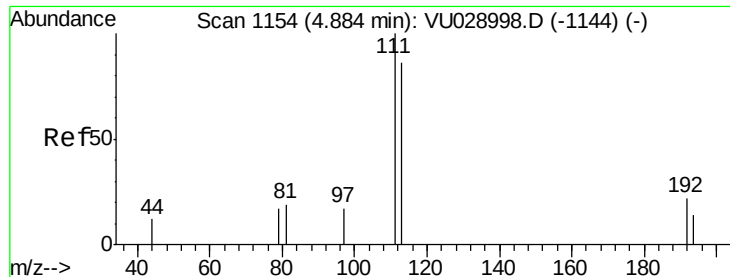
Tot Ion: 65 Resp: 74852
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029042.D
 Acq: 04 Jan 2019 21:08

Tgt Ion: 114 Resp: 188663
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 16.0 0.0 30.4

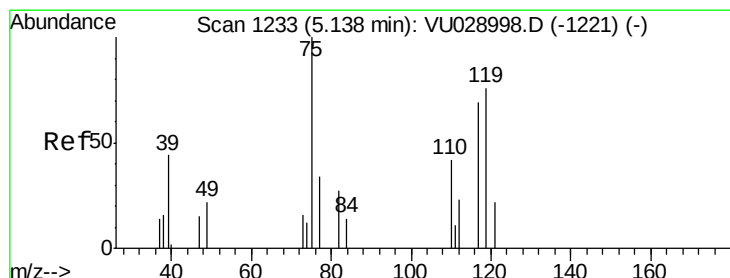
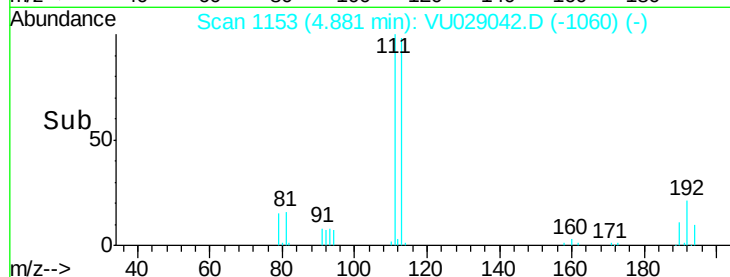
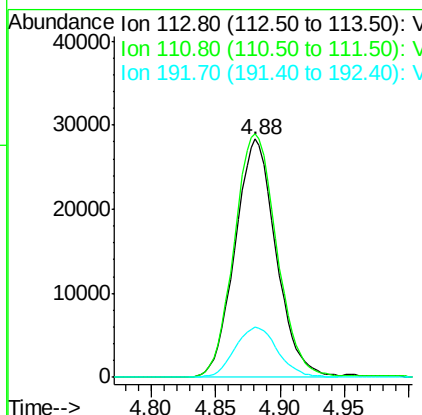
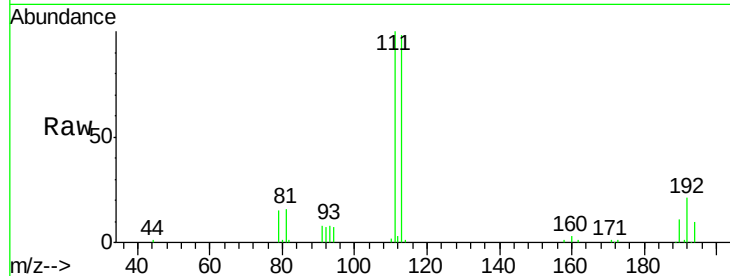




#35
Dibromofluoromethane
Concen: 51.421 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VU029042.D
Acq: 04 Jan 2019 21:08

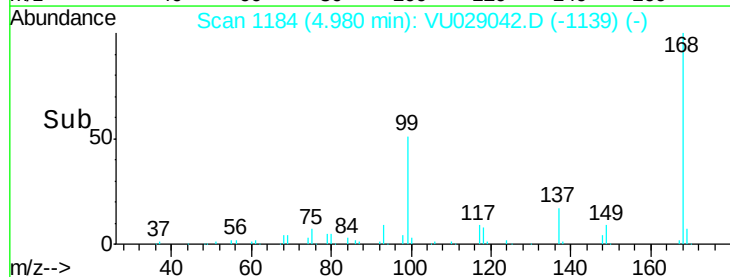
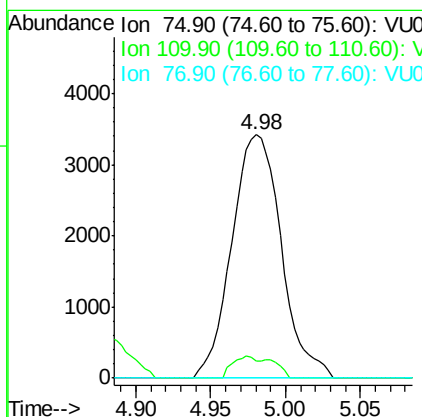
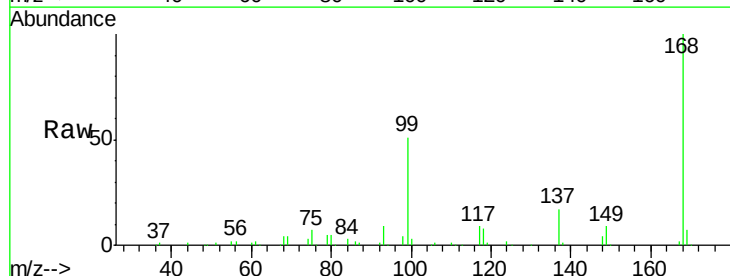
Instrument :
MSVOA_U
ClientSampleId :
BUR-COMP-1

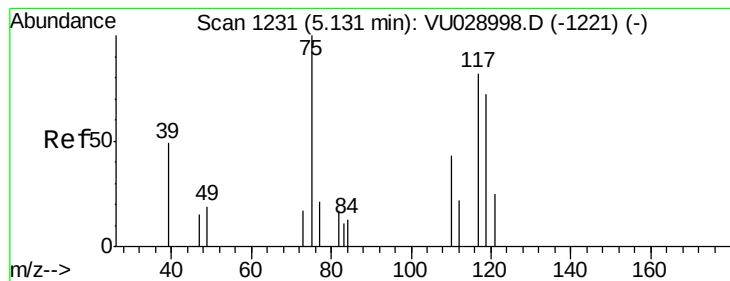
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.2	81.4	122.2
192	21.8	16.8	25.2



#36
1,1-Dichloropropene
Concen: 4.177 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.15 min
Lab File: VU029042.D
Acq: 04 Jan 2019 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	4.8	18.4	55.4#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 6.141 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.15 min

Lab File: VU029042.D

Acq: 04 Jan 2019 21:08

Instrument :

MSVOA_U

ClientSampleId :

BUR-COMP-1

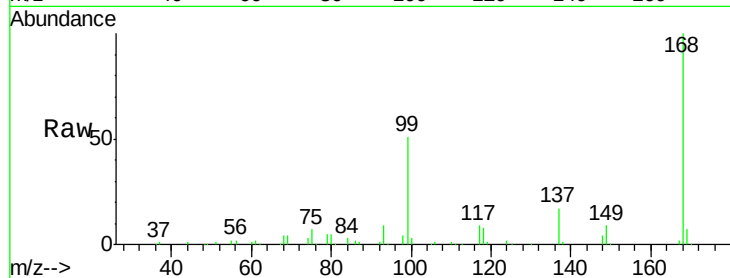
Tot Ion:117 Resp: 9659

Ion Ratio Lower Upper

117 100

119 7.3 74.6 111.8#

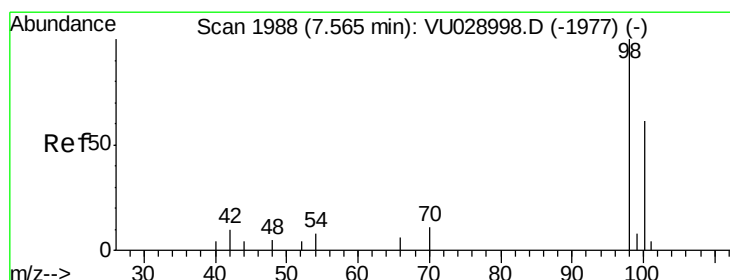
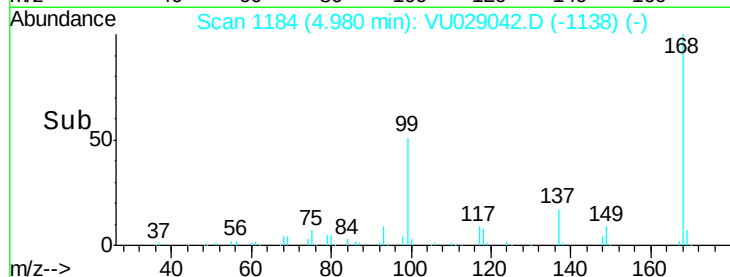
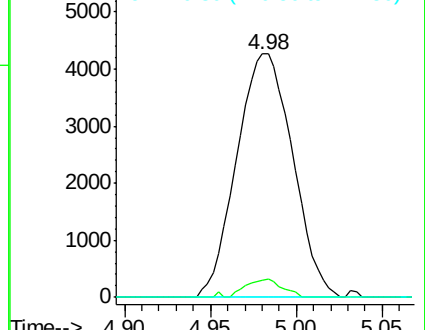
121 0.0 25.0 37.6#



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: 48.951 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029042.D

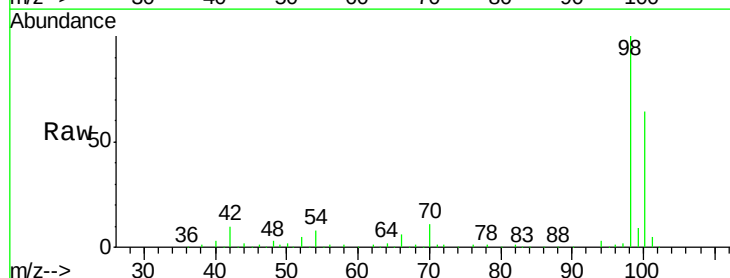
Acq: 04 Jan 2019 21:08

Tgt Ion: 98 Resp: 236344

Ion Ratio Lower Upper

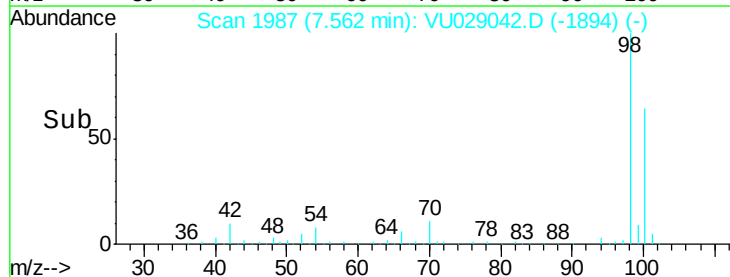
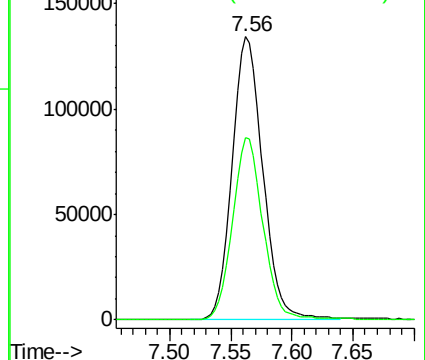
98 100

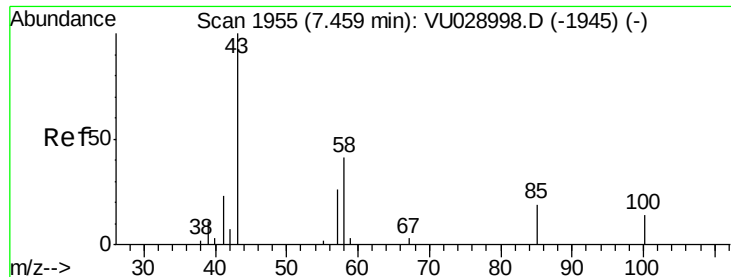
100 64.0 51.6 77.4



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: 0.421 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.10 min

Lab File: VU029042.D

Acq: 04 Jan 2019 21:08

Instrument :

MSVOA_U

ClientSampleId :

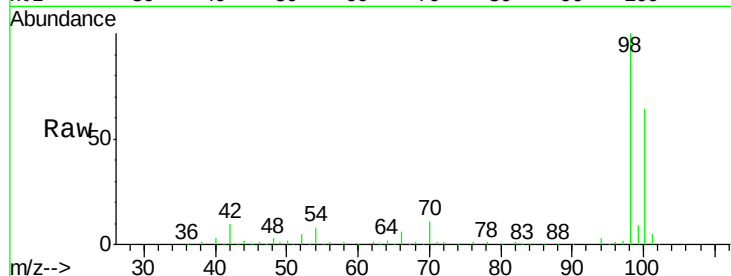
BUR-COMP-1

Tot Ion: 43 Resp: 909

Ion Ratio Lower Upper

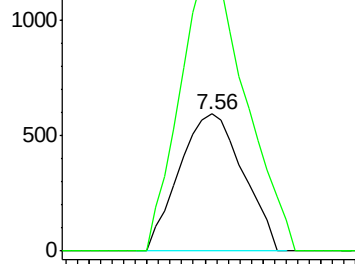
43 100

58 211.6 33.9 50.9#

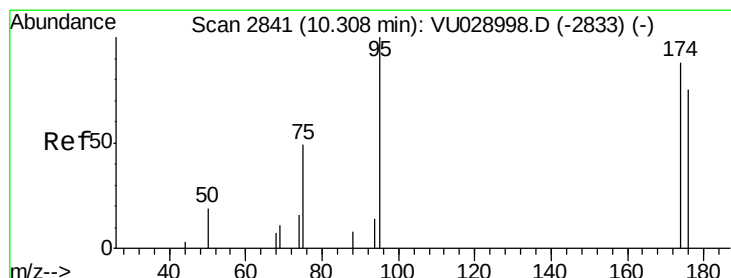
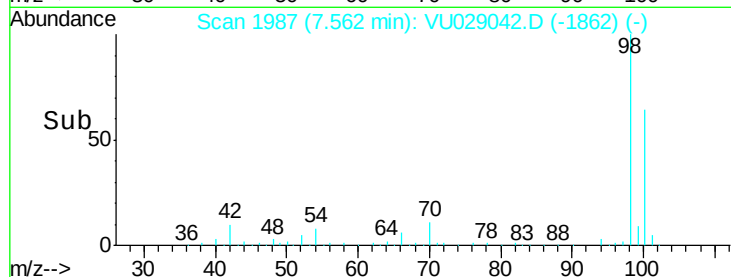


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->



#62

4-Bromofluorobenzene

Concen: 41.454 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029042.D

Acq: 04 Jan 2019 21:08

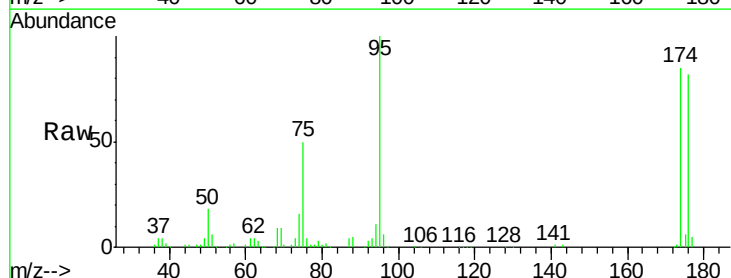
Tgt Ion: 95 Resp: 71928

Ion Ratio Lower Upper

95 100

174 86.0 0.0 170.6

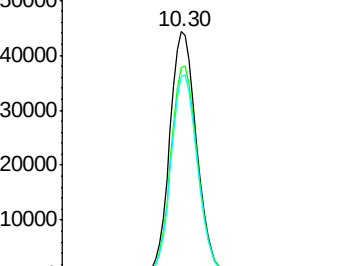
176 81.6 0.0 165.0



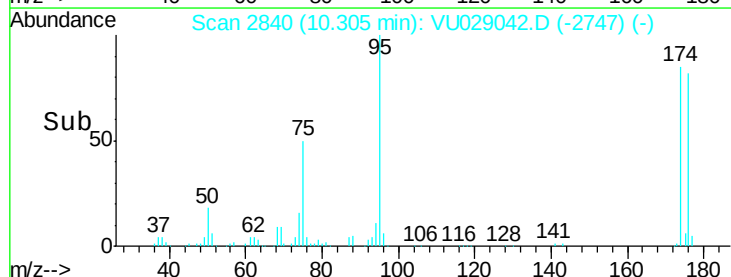
Abundance Ion 94.90 (94.60 to 95.60): VU0

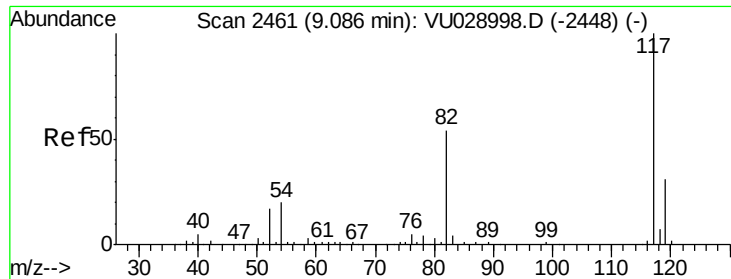
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

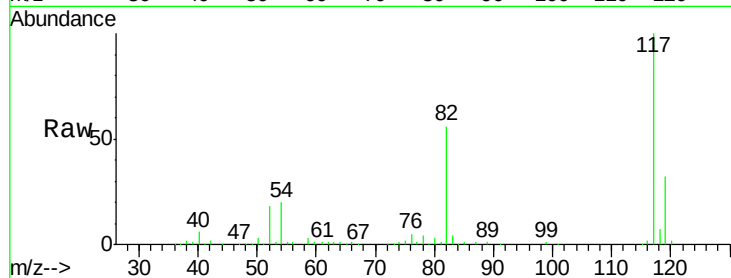




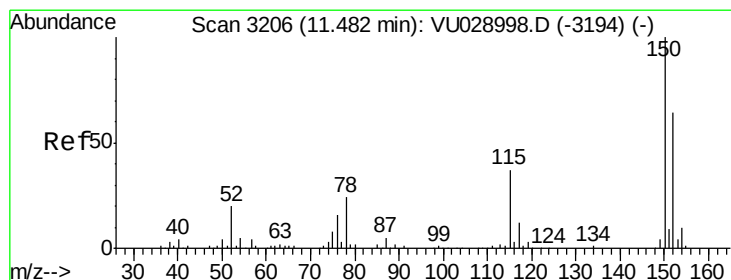
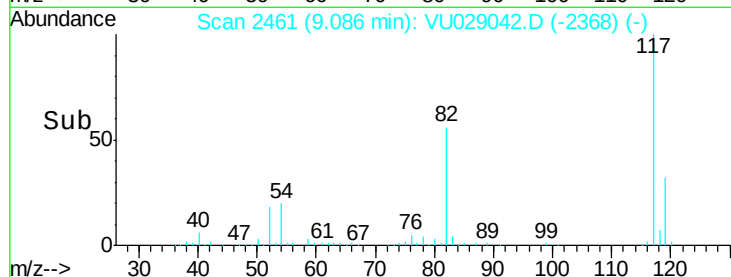
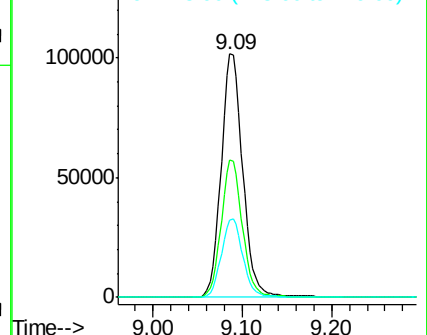
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029042.D
Acq: 04 Jan 2019 21:08

Instrument :
MSVOA_U
ClientSampleId :
BUR-COMP-1

Tot Ion:117 Resp: 170991
Ion Ratio Lower Upper
117 100
82 56.3 43.9 65.9
119 31.6 26.0 39.0

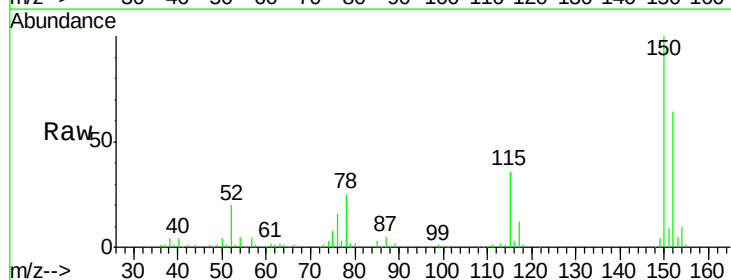


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

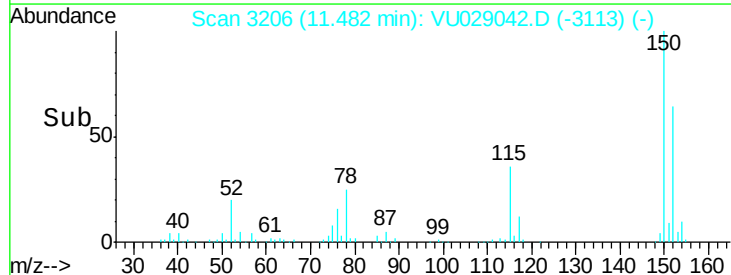
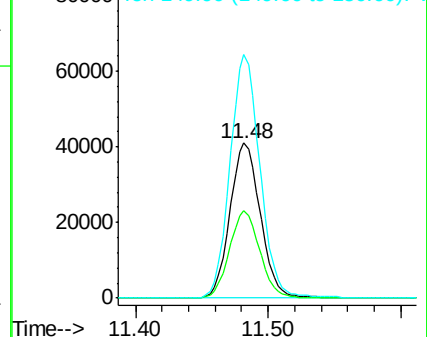


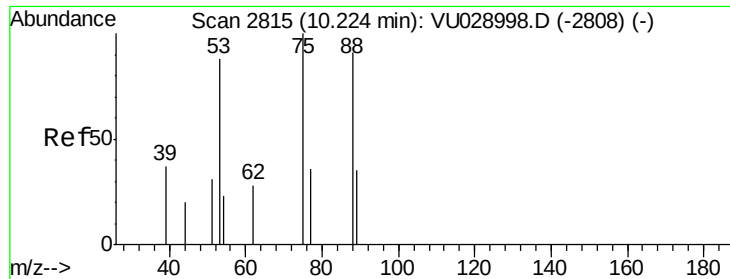
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029042.D
Acq: 04 Jan 2019 21:08

Tgt Ion:152 Resp: 65408
Ion Ratio Lower Upper
152 100
115 56.2 40.1 120.3
150 154.4 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: 21.621 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029042.D

Acq: 04 Jan 2019 21:08

Instrument :

MSVOA_U

ClientSampleId :

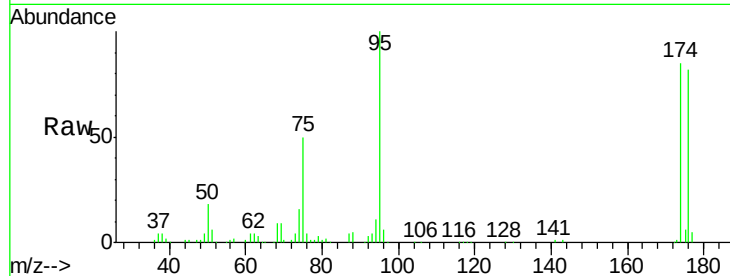
BUR-COMP-1

Tot Ion: 75 Resp: 34649

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

10.30

25000

20000

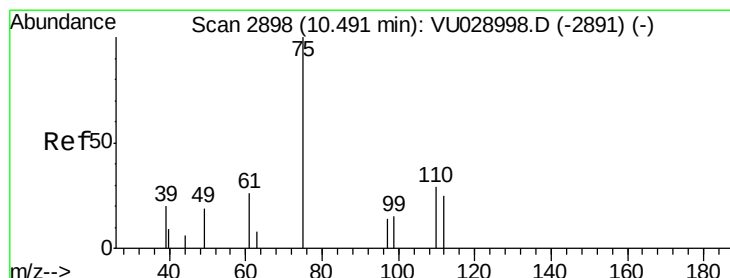
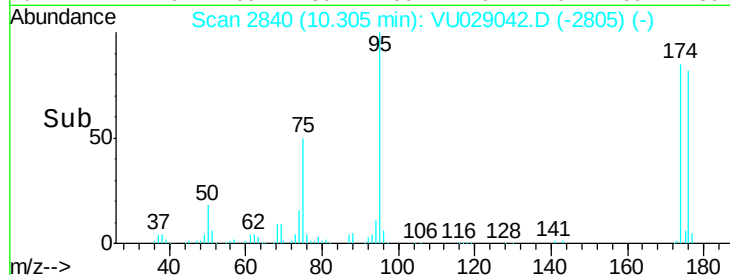
15000

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 55.760 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029042.D

Acq: 04 Jan 2019 21:08

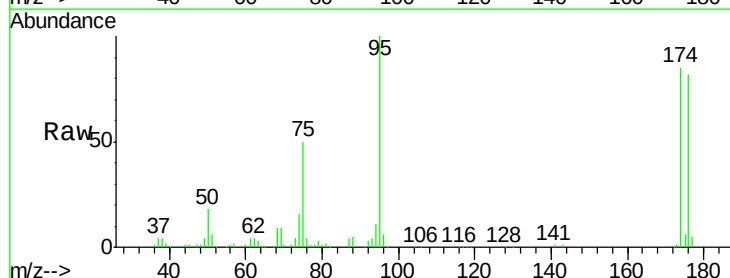
Tgt Ion: 75 Resp: 34649

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

30000

25000

20000

15000

10000

5000

0

Time-->

