

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
 Data File : VW001126.D
 Acq On : 29 Jan 2018 18:46
 Operator : JC/SY
 Sample : J1010-08
 Misc : 5.78G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-01-012518

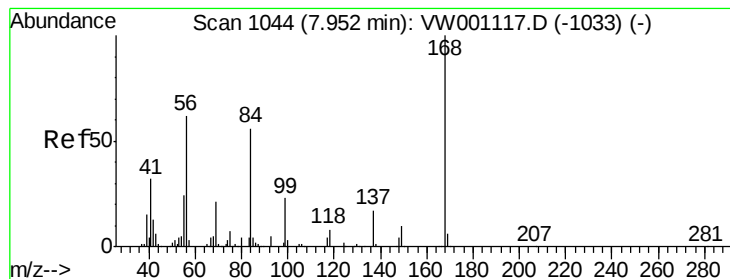
Quant Time: Jan 30 02:10:14 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	383520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	347877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176331	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155004	63.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.00%	
35) Dibromofluoromethane	7.88	113	126050	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
50) Toluene-d8	10.33	98	535346	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	
62) 4-Bromofluorobenzene	12.63	95	186780	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	775	Below Cal	#	48
11) Tert butyl alcohol	5.20	59	1507	7.68	ug/l	# 89
16) Acetone	4.14	43	19651	30.62	ug/l	95
18) Methyl Acetate	4.67	43	446	Below Cal	#	60
20) Methylene Chloride	4.92	84	1387	Below Cal	#	64
25) 2-Butanone	7.18	43	1374	1.63	ug/l	100
30) Chloroform	7.68	83	5157	1.28	ug/l	97
31) Cyclohexane	7.95	56	4939	1.36	ug/l	# 1
36) 1,1-Dichloropropene	7.95	75	17404	5.03	ug/l	# 49
38) Carbon Tetrachloride	7.95	117	23562	6.09	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	9.93	63	292	23.57	ug/l	# 59
76) 1,2,3-Trichloropropane	12.63	75	92623	51.83	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.63	75	92623	136.28	ug/l	# 12

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW001126.D

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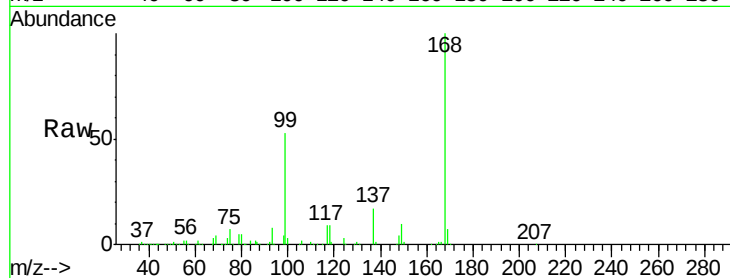
BU-01-012518

Tgt Ion:168 Resp: 251072

Ion Ratio Lower Upper

168 100

99 52.8 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

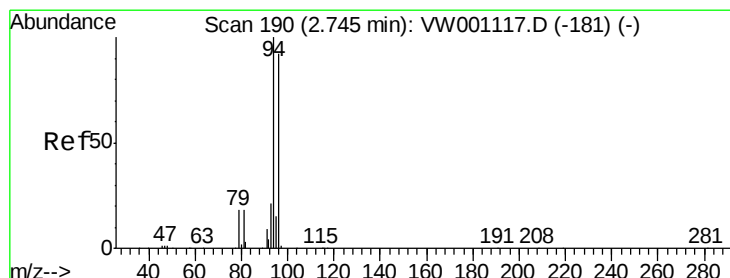
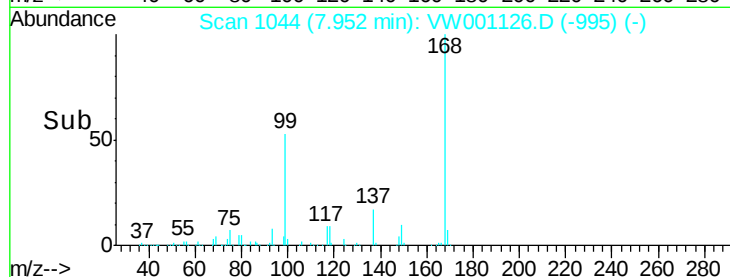
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 193

Delta R.T. 0.02 min

Lab File: VW001126.D

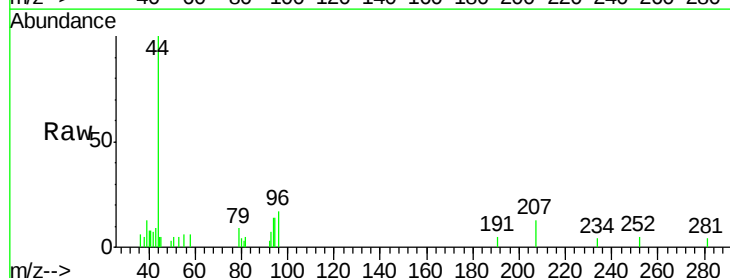
Acq: 29 Jan 2018 18:46

Tgt Ion: 94 Resp: 775

Ion Ratio Lower Upper

94 100

96 42.1 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

500

400

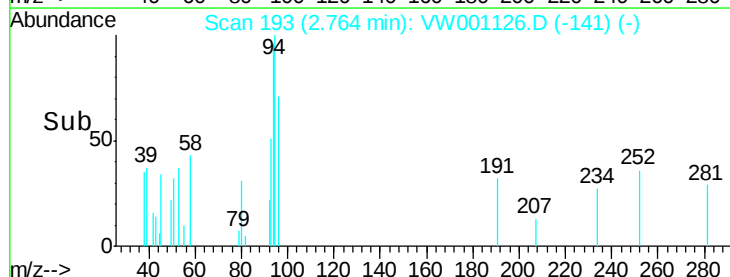
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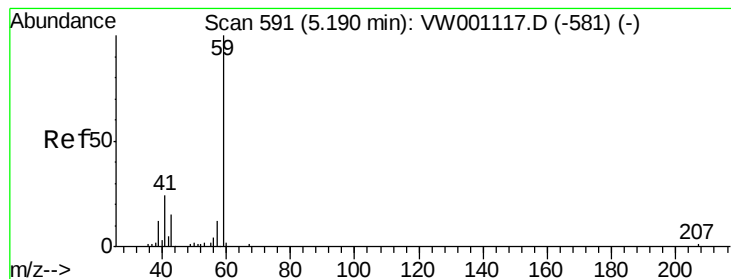
200

100

0

Time-->





#11

Tert butyl alcohol

Concen: 7.68 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW001126.D

Acq: 29 Jan 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

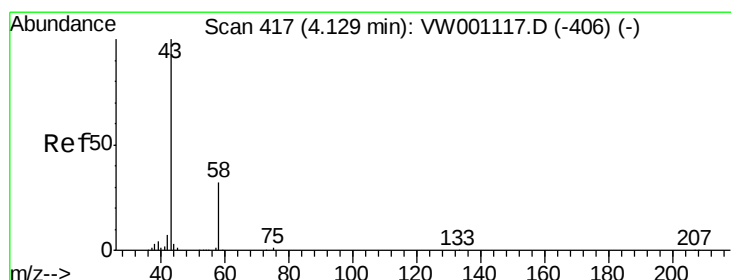
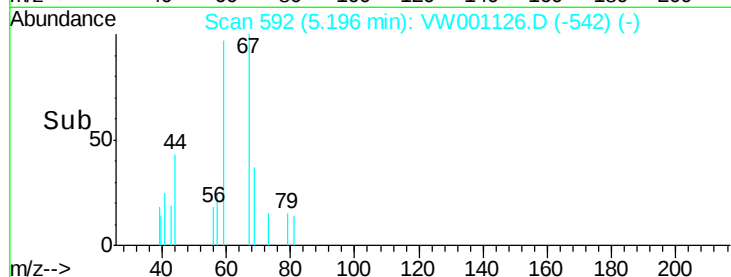
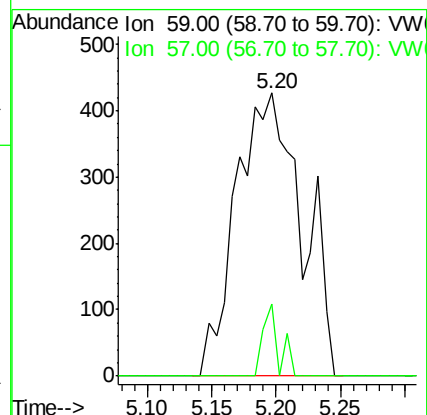
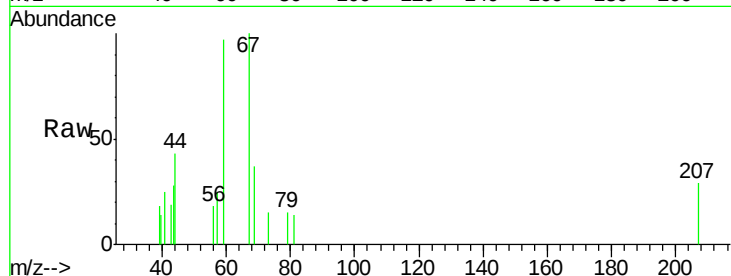
BU-01-012518

Tgt Ion: 59 Resp: 1507

Ion Ratio Lower Upper

59 100

57 5.9 7.8 11.8#



#16

Acetone

Concen: 30.62 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW001126.D

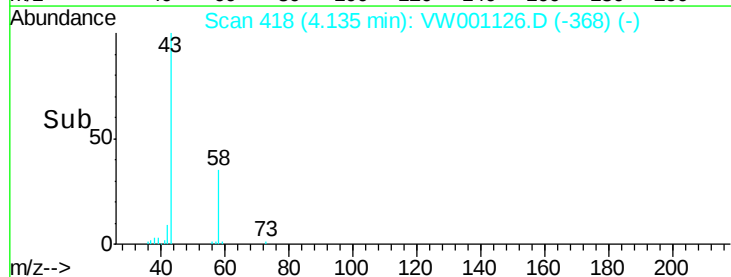
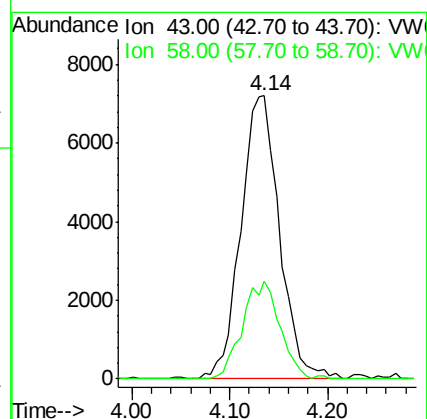
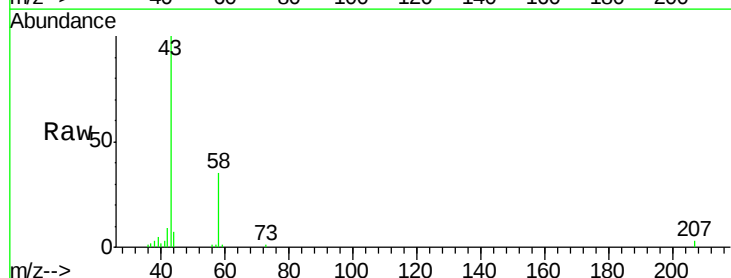
Acq: 29 Jan 2018 18:46

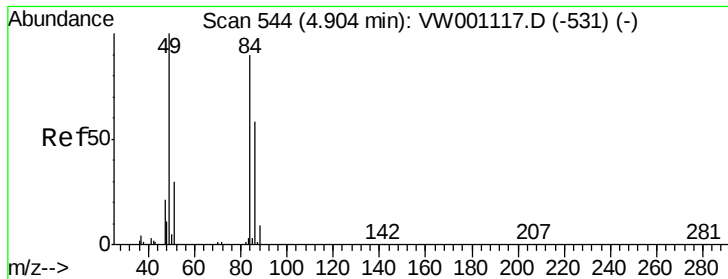
Tgt Ion: 43 Resp: 19651

Ion Ratio Lower Upper

43 100

58 34.7 25.7 38.5

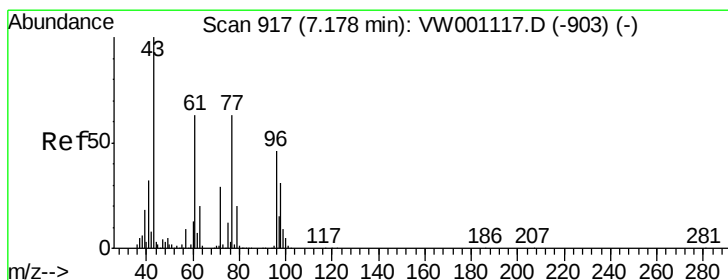
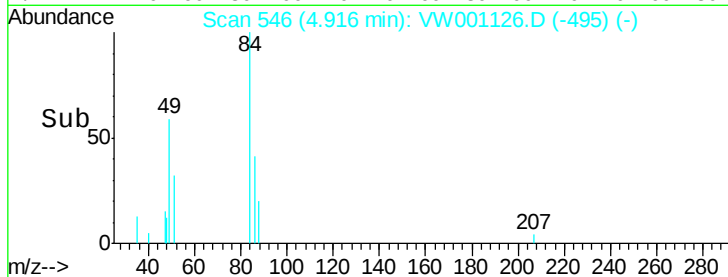
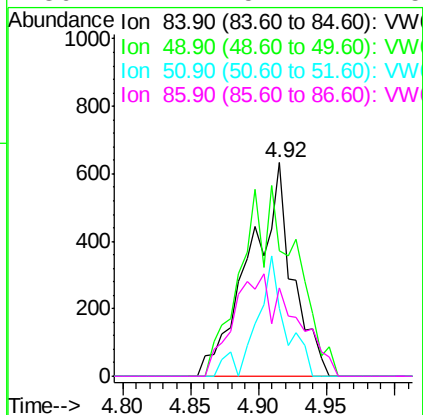
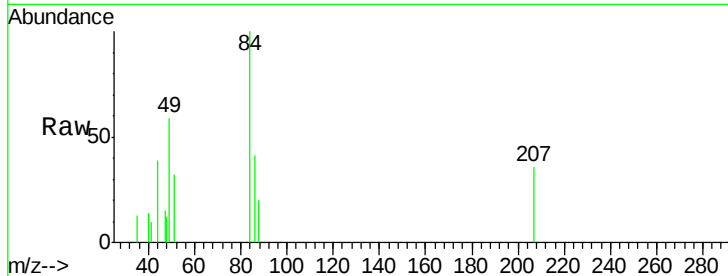




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW001126.D
Acq: 29 Jan 2018 18:46

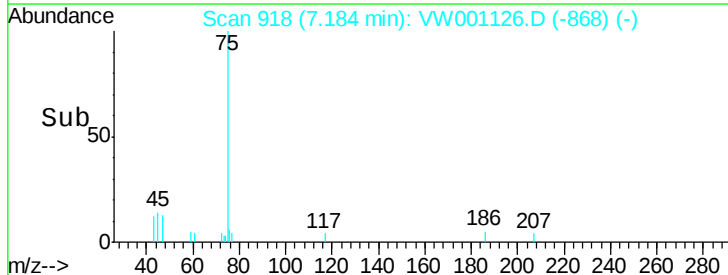
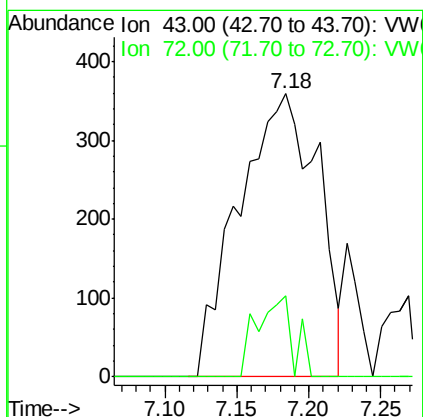
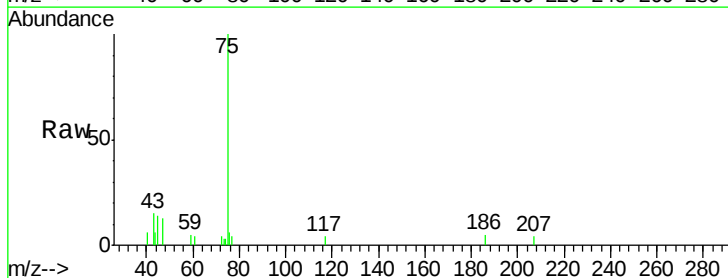
Instrument :
MSVOA_W
ClientSampleId :
BU-01-012518

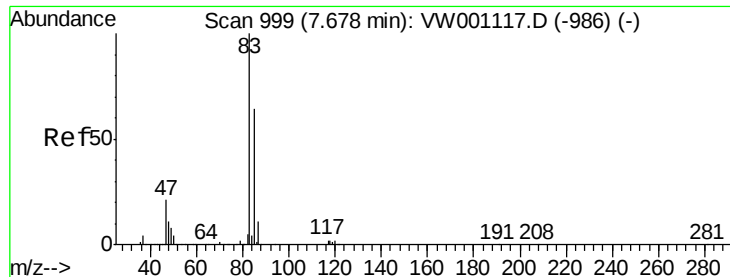
Tgt Ion: 84 Resp: 1387
Ion Ratio Lower Upper
84 100
49 58.6 89.2 133.8#
51 32.1 26.7 40.1
86 41.1 51.7 77.5#



#25
2-Butanone
Concen: 1.63 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW001126.D
Acq: 29 Jan 2018 18:46

Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
72 28.4 22.8 34.2

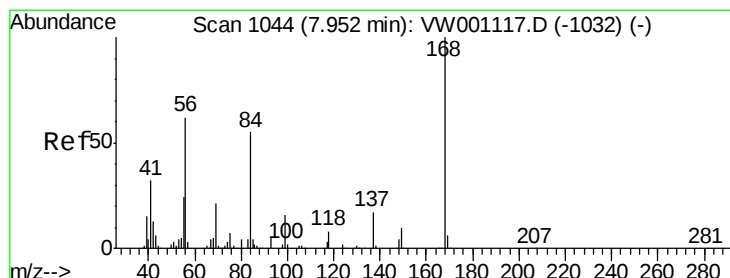
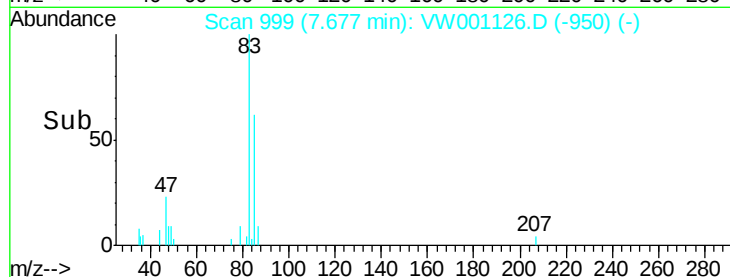
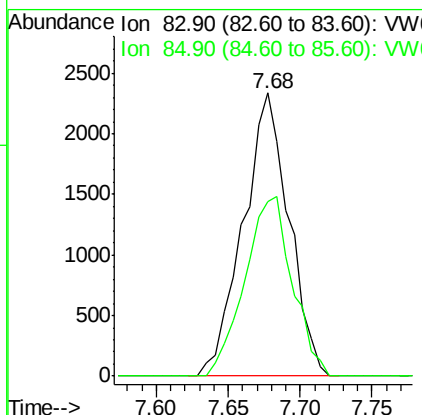
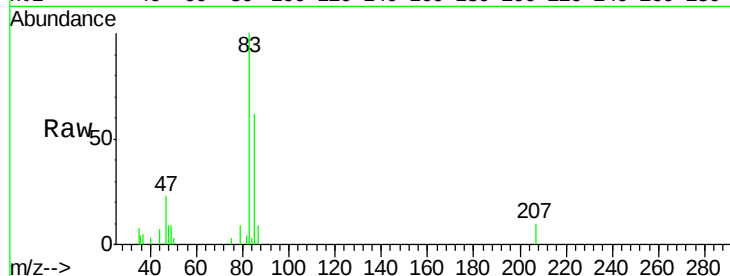




#30
Chloroform
Concen: 1.28 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW001126.D
Acq: 29 Jan 2018 18:46

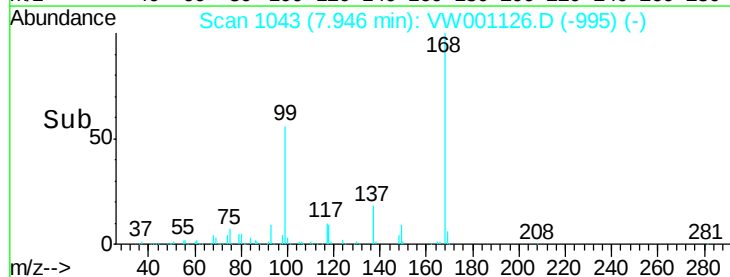
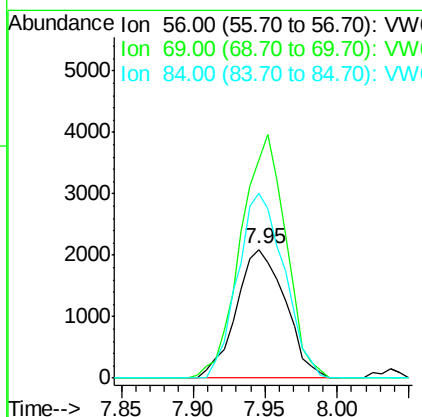
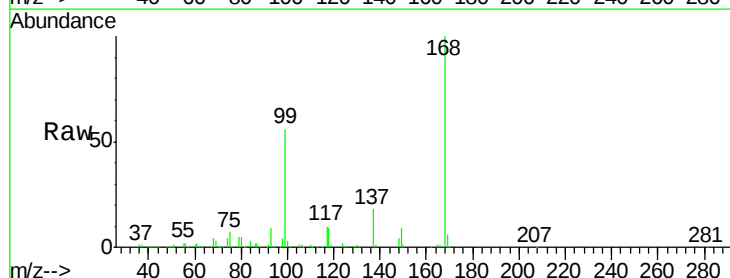
Instrument :
MSVOA_W
ClientSampled :
BU-01-012518

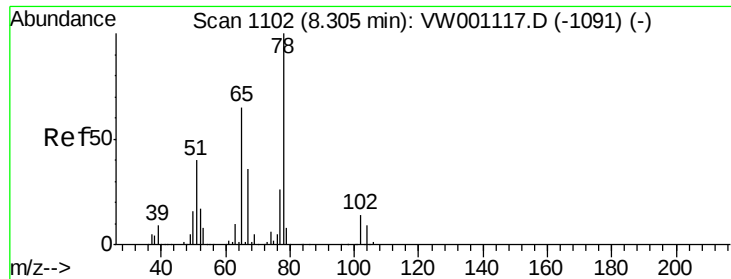
Tgt Ion: 83 Resp: 5157
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.2



#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW001126.D
Acq: 29 Jan 2018 18:46

Tgt Ion: 56 Resp: 4939
Ion Ratio Lower Upper
56 100
69 169.4 27.4 41.0#
84 143.2 71.1 106.7#

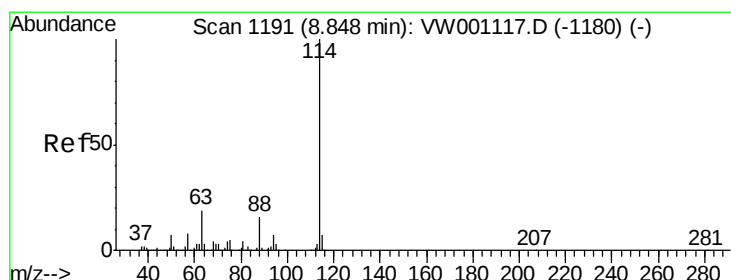
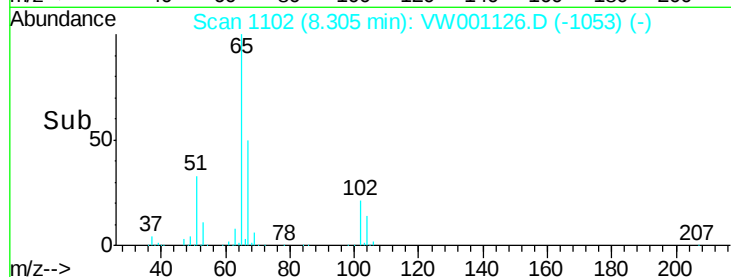
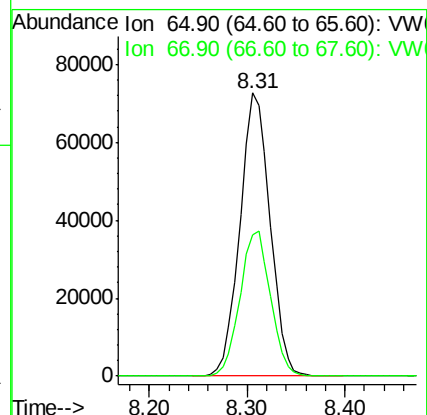
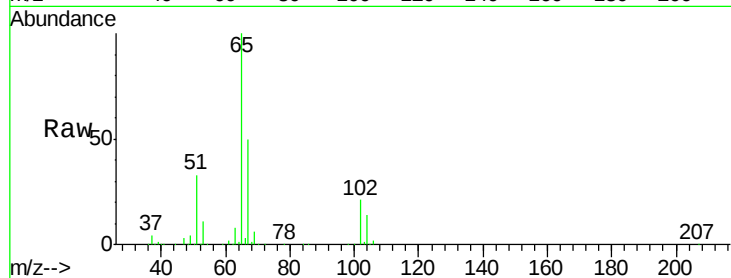




#33
 1,2-Dichloroethane-d4
 Concen: 63.50 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW001126.D
 Acq: 29 Jan 2018 18:46

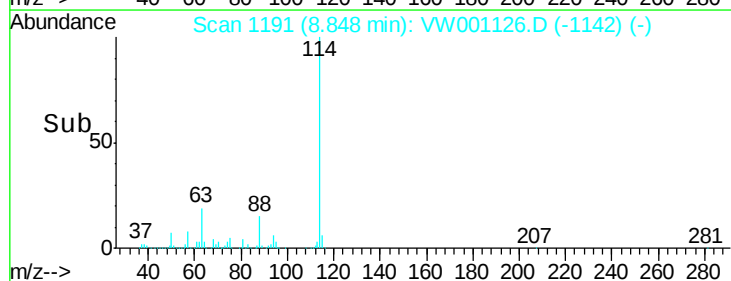
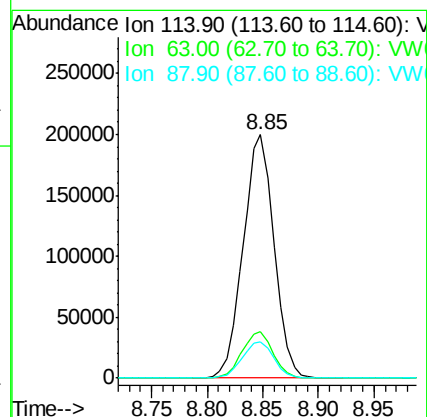
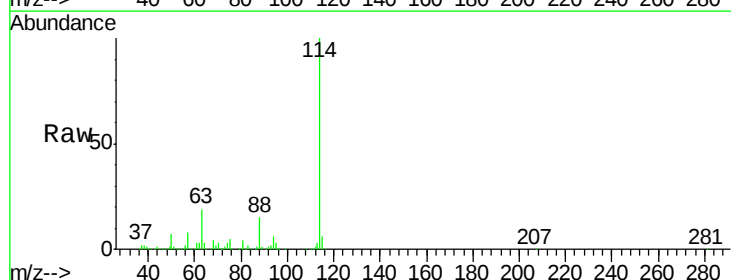
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 BU-01-012518

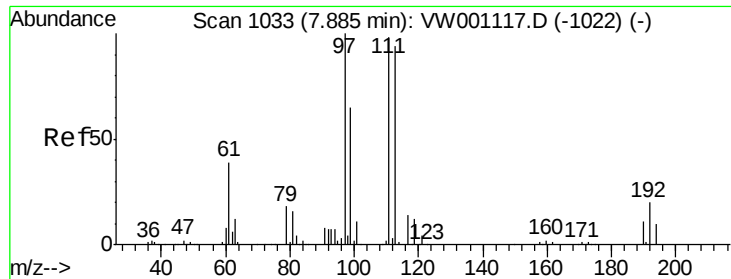
Tgt Ion: 65 Resp: 155004
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW001126.D
 Acq: 29 Jan 2018 18:46

Tgt Ion: 114 Resp: 383520
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.2
 88 14.7 0.0 31.0

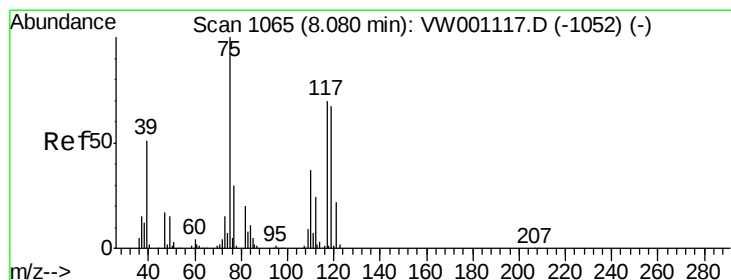
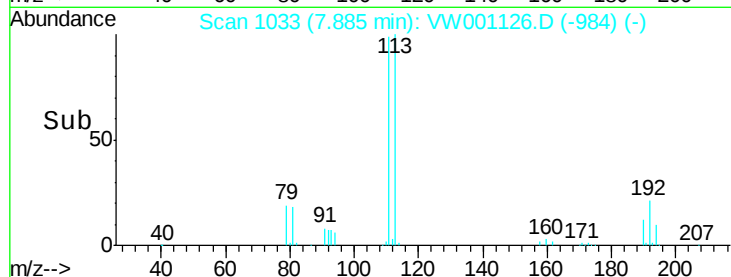
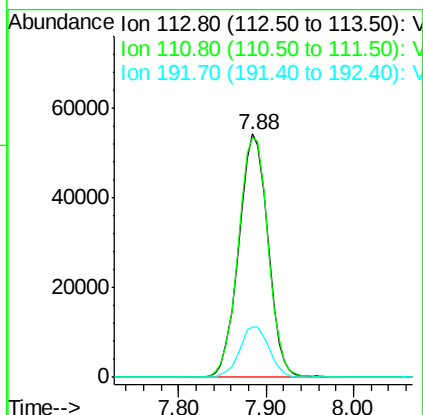
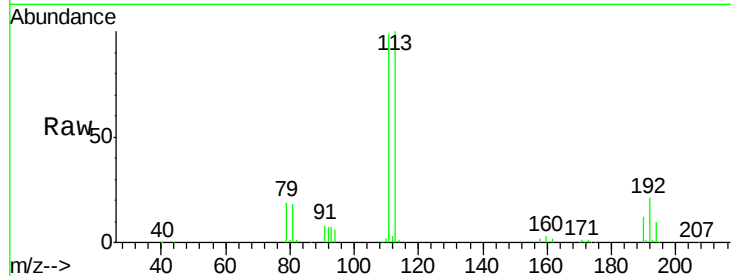




#35
 Dibromofluoromethane
 Concen: 51.38 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW001126.D
 Acq: 29 Jan 2018 18:46

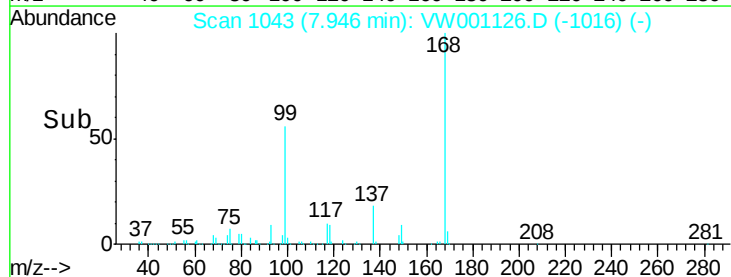
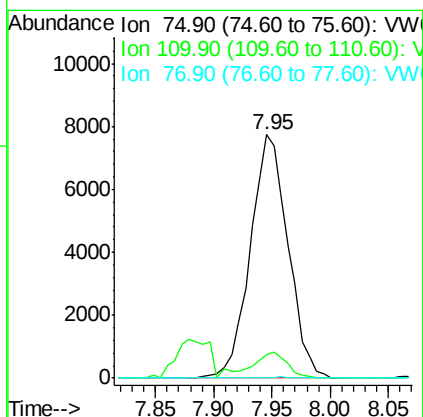
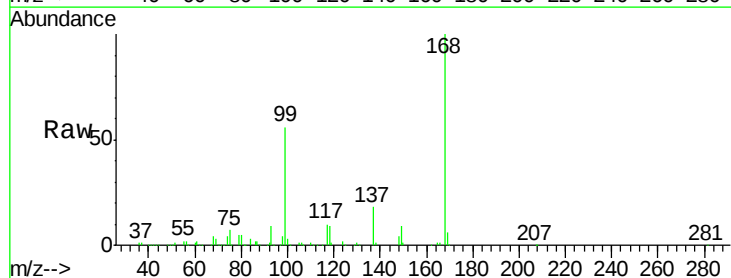
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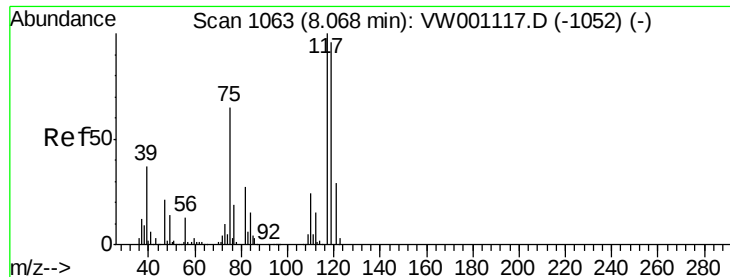
Tgt Ion: 113 Resp: 126050
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.1 124.7
 192 21.1 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 5.03 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW001126.D
 Acq: 29 Jan 2018 18:46

Tgt Ion: 75 Resp: 17404
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.7 56.1#
 77 0.1 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.09 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW001126.D

Acq: 29 Jan 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

BU-01-012518

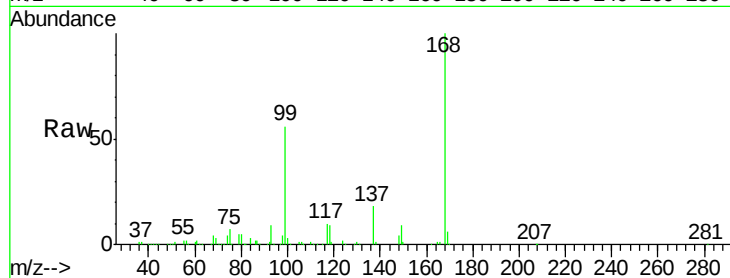
Tgt Ion:117 Resp: 23562

Ion Ratio Lower Upper

117 100

119 5.8 77.0 115.4#

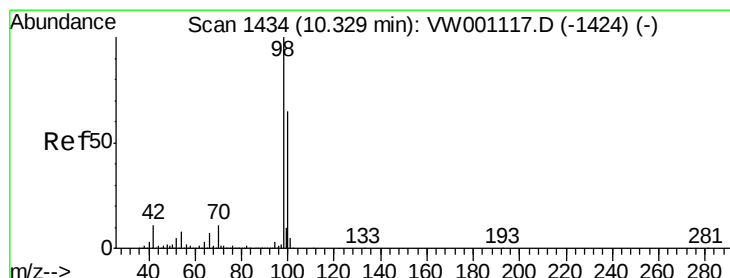
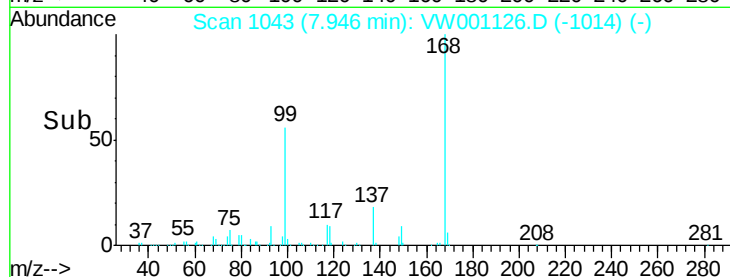
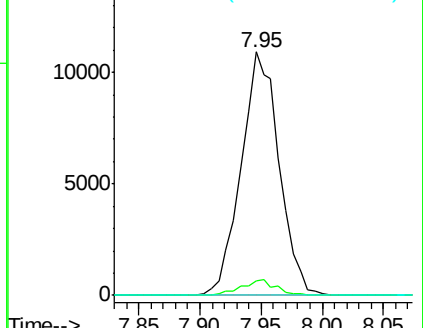
121 0.0 23.5 35.3#



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: 56.70 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW001126.D

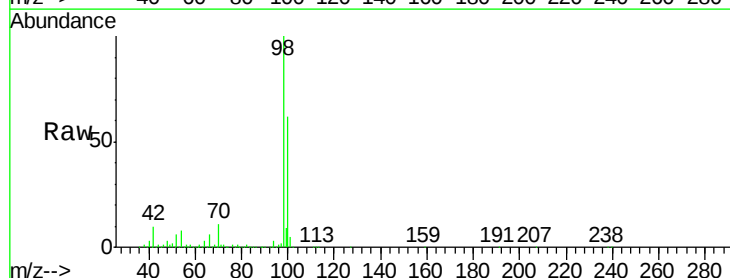
Acq: 29 Jan 2018 18:46

Tgt Ion: 98 Resp: 535346

Ion Ratio Lower Upper

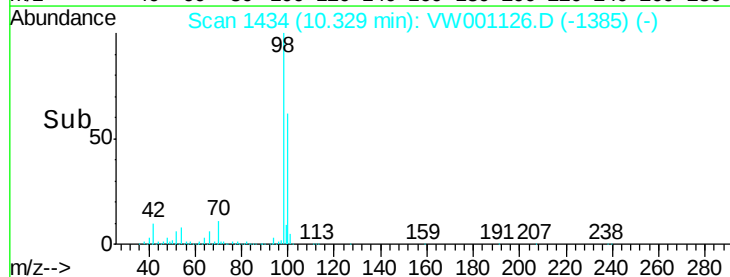
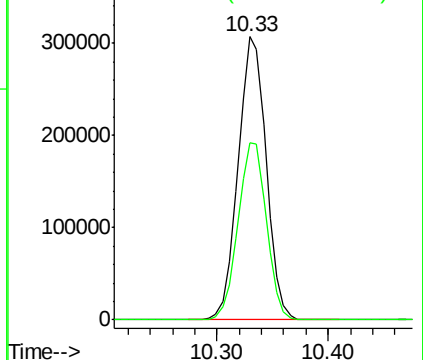
98 100

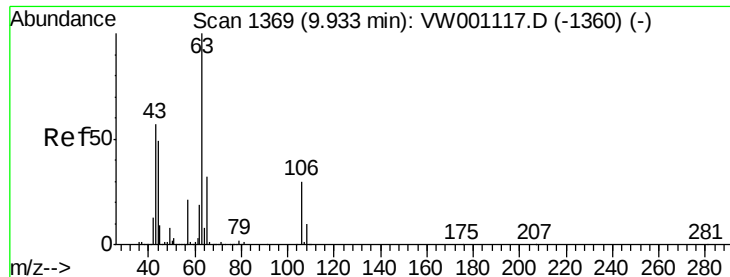
100 63.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

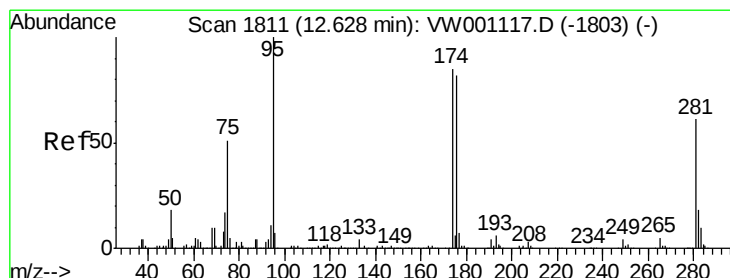
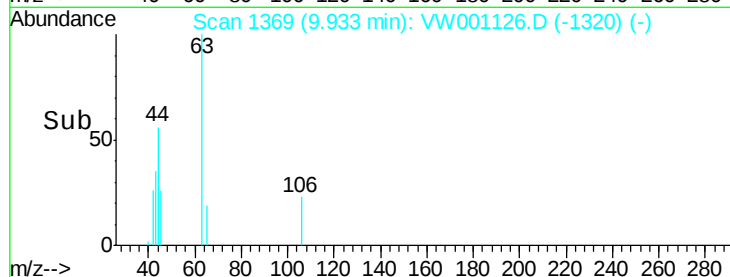
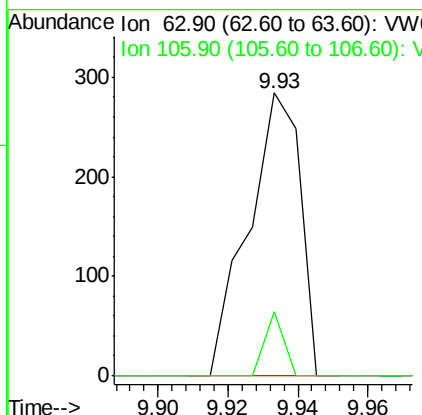
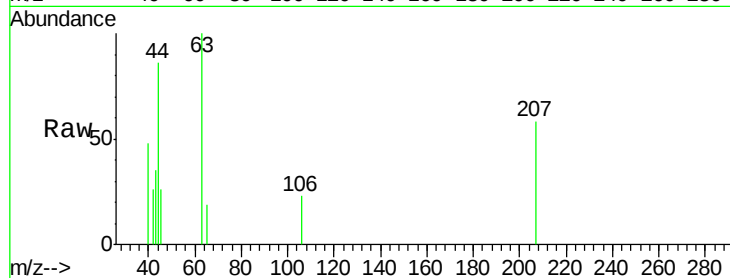




#58
2-Chloroethyl Vinyl ether
Concen: 23.57 ug/l
RT: 9.93 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VW001126.D
Acq: 29 Jan 2018 18:46

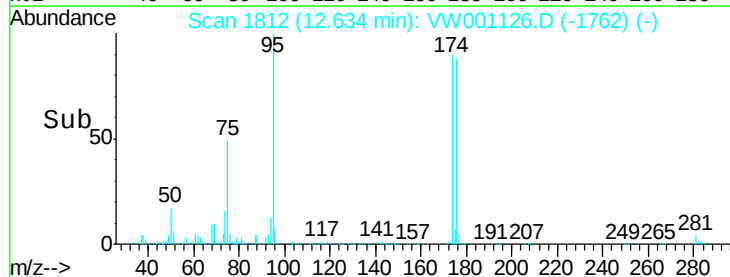
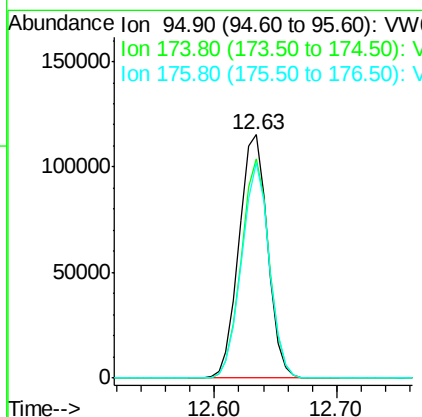
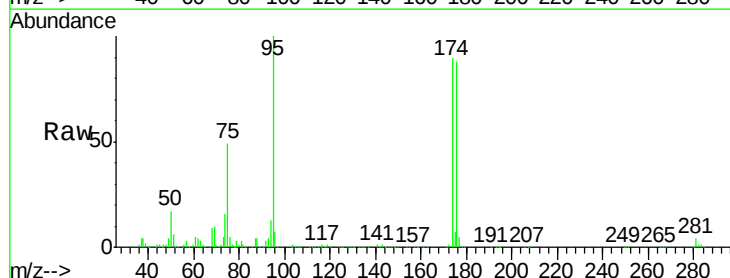
Instrument :
MSVOA_W
ClientSampleId :
BU-01-012518

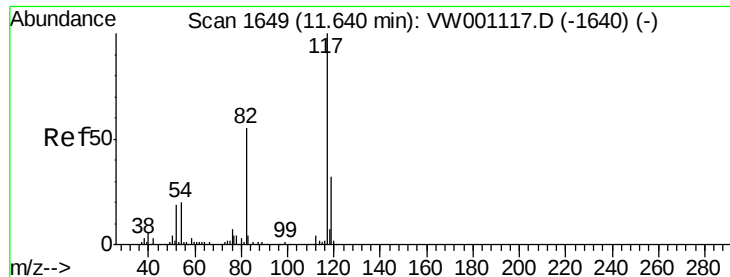
Tgt Ion: 63 Resp: 292
Ion Ratio Lower Upper
63 100
106 8.2 24.2 36.4#



#62
4-Bromofluorobenzene
Concen: 53.68 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW001126.D
Acq: 29 Jan 2018 18:46

Tgt Ion: 95 Resp: 186780
Ion Ratio Lower Upper
95 100
174 88.1 0.0 179.6
176 85.5 0.0 174.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VW001126.D

Acq: 29 Jan 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

BU-01-012518

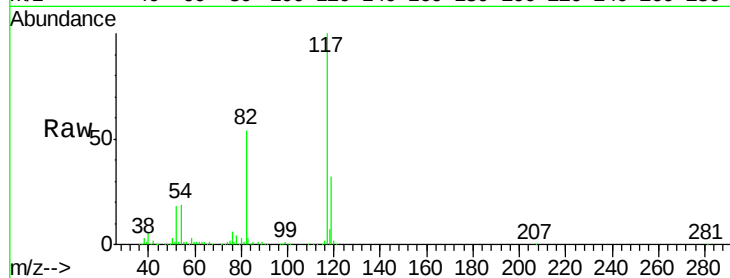
Tgt Ion:117 Resp: 347877

Ion Ratio Lower Upper

117 100

82 54.0 43.8 65.8

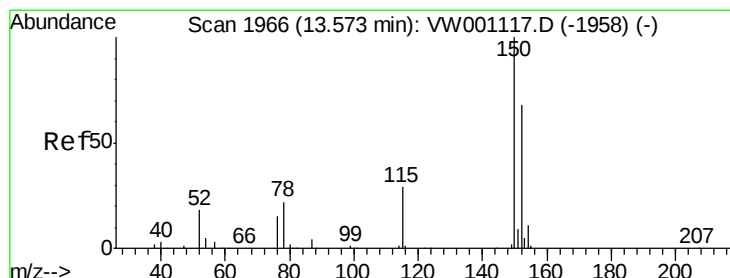
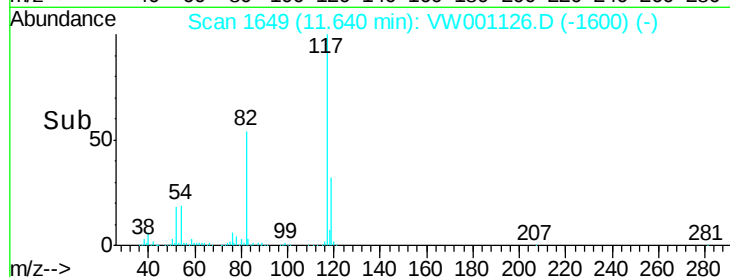
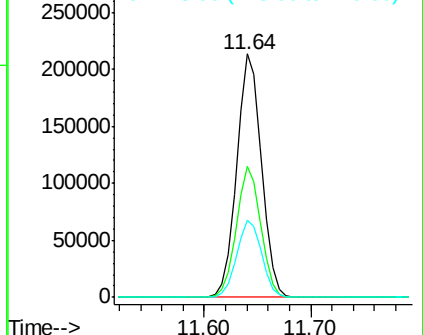
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW001126.D

Acq: 29 Jan 2018 18:46

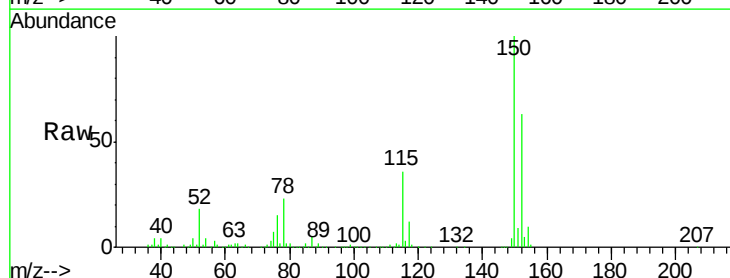
Tgt Ion:152 Resp: 176331

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.3

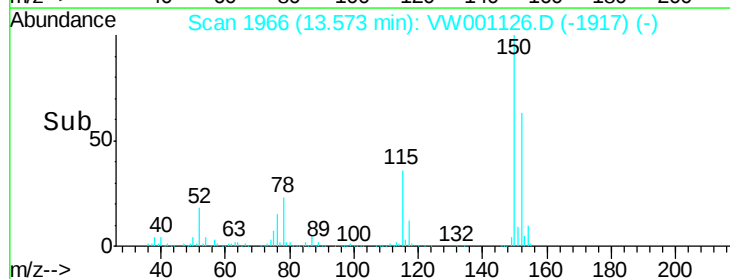
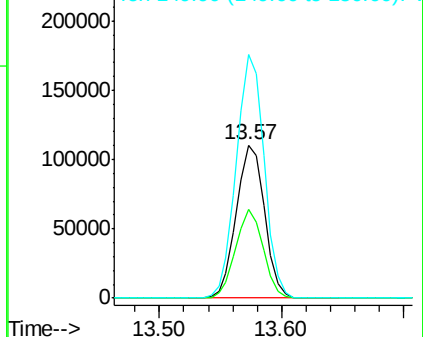
150 156.8 0.0 342.4

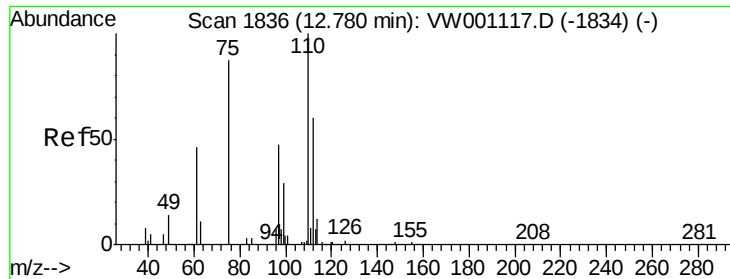


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

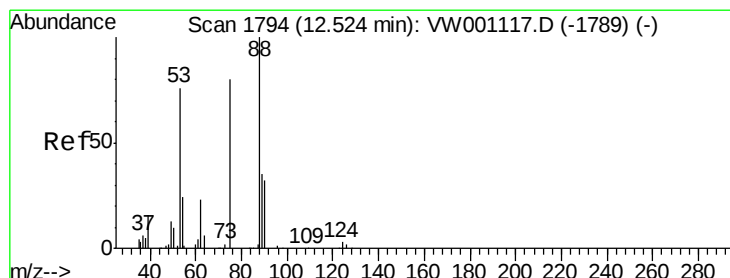
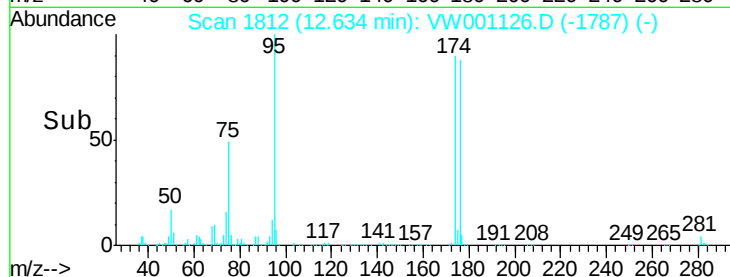
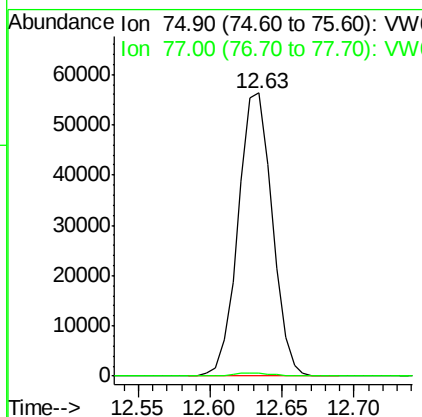
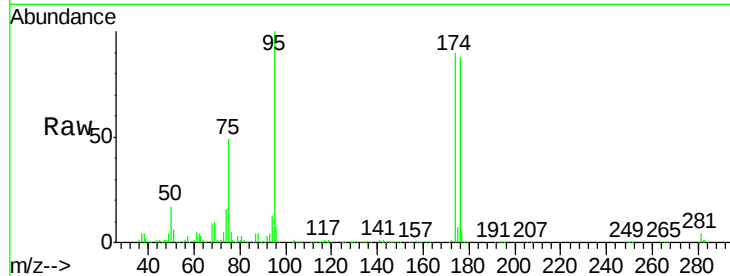




#76
 1,2,3-Trichloropropane
 Concen: 51.83 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. -0.15 min
 Lab File: VW001126.D
 Acq: 29 Jan 2018 18:46

Instrument :
 MSVOA_W
 ClientSampleId :
 BU-01-012518

Tgt Ion: 75 Resp: 92623
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.28 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.11 min
 Lab File: VW001126.D
 Acq: 29 Jan 2018 18:46

Tgt Ion: 75 Resp: 92623
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.1 38.2 57.4#

