

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
 Data File : VW004800.D
 Acq On : 20 Aug 2018 19:10
 Operator : SY/AP
 Sample : J4499-04
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-04(0-1)

Quant Time: Aug 21 00:57:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	616080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	998824	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	865060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	363188	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	349050	58.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.20%	
35) Dibromofluoromethane	7.88	113	341235	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.33	98	1155725	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
62) 4-Bromofluorobenzene	12.62	95	342448	38.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.40%	

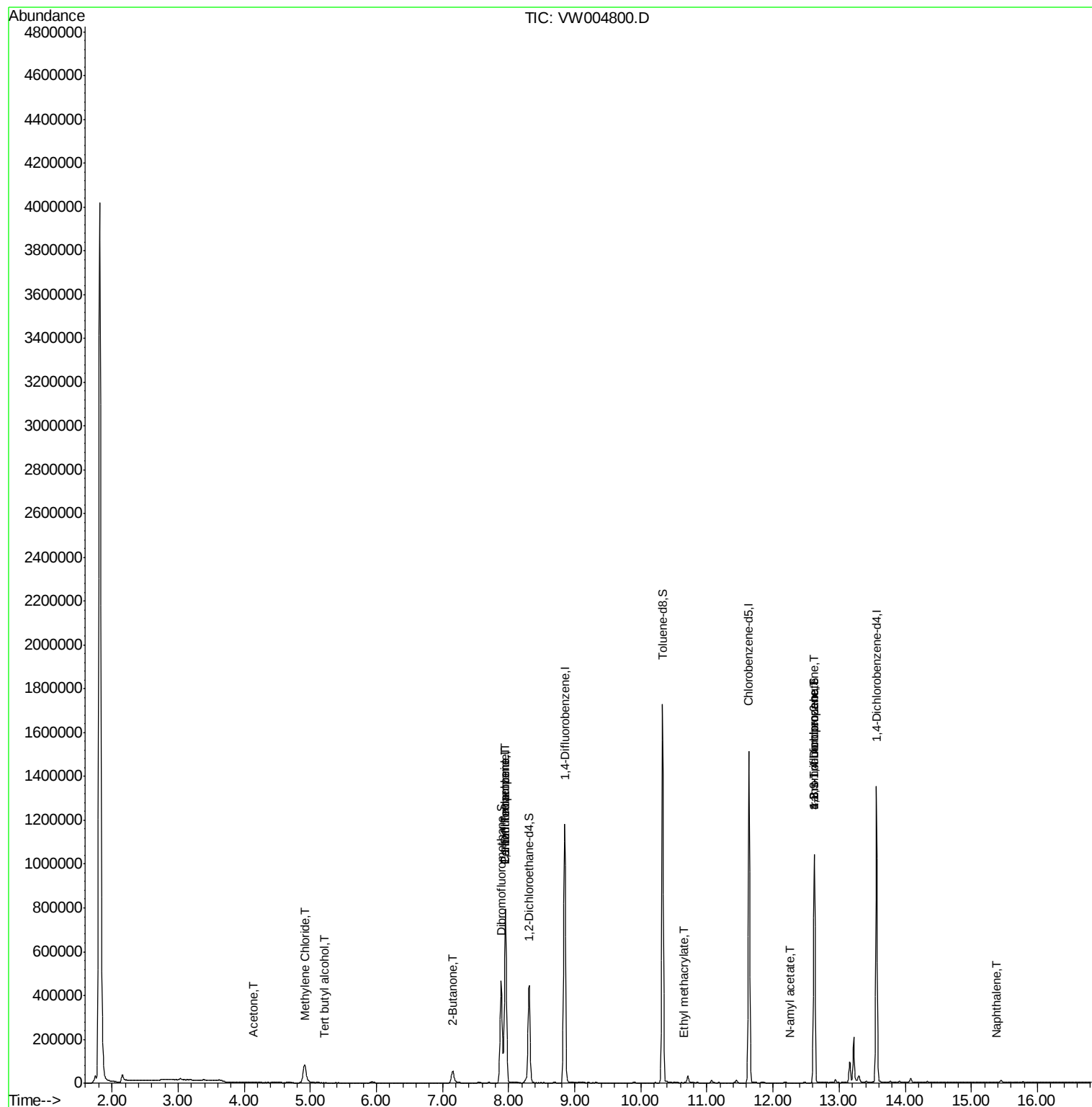
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	404	1.214	ug/l #	72
16) Acetone	4.14	43	7760	5.104	ug/l #	82
20) Methylene Chloride	4.91	84	74010	6.944	ug/l	99
25) 2-Butanone	7.15	43	3140	1.449	ug/l #	79
36) 1,1-Dichloropropene	7.95	75	45989	4.469	ug/l #	49
38) Carbon Tetrachloride	7.95	117	57928	6.116	ug/l #	16
56) Ethyl methacrylate	10.65	69	19	2.983	ug/l #	27
74) N-amyl acetate	12.25	43	386	4.080	ug/l #	43
76) 1,2,3-Trichloropropane	12.62	75	161818	50.543	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	161818	117.476	ug/l #	14
95) Naphthalene	15.38	128	756	3.555	ug/l #	74

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

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Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LSB-04(0-1)

Quant Time: Aug 21 00:57:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

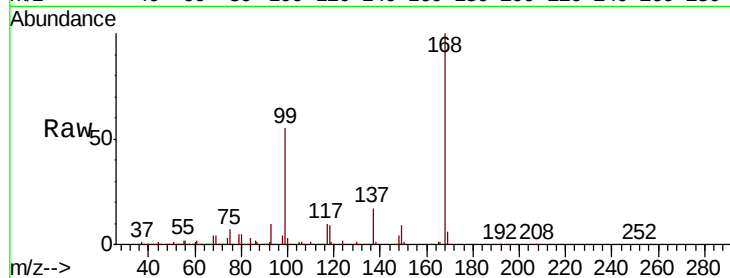
LSB-04(0-1)

Tgt Ion:168 Resp: 616080

Ion Ratio Lower Upper

168 100

99 54.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

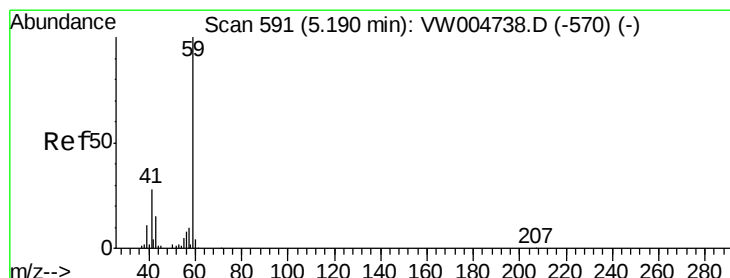
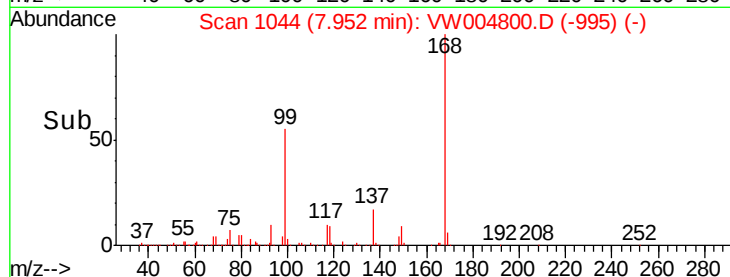
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.214 ug/l

RT: 5.22 min Scan# 596

Delta R.T. 0.03 min

Lab File: VW004800.D

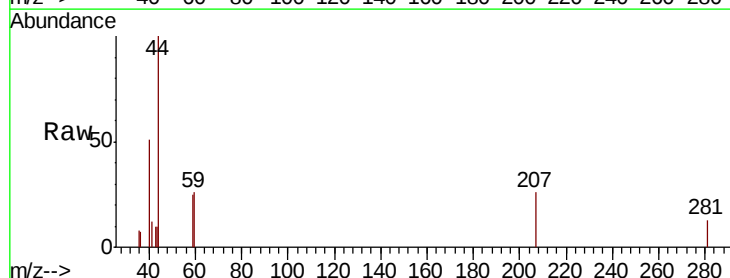
Acq: 20 Aug 2018 19:10

Tgt Ion: 59 Resp: 404

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

400

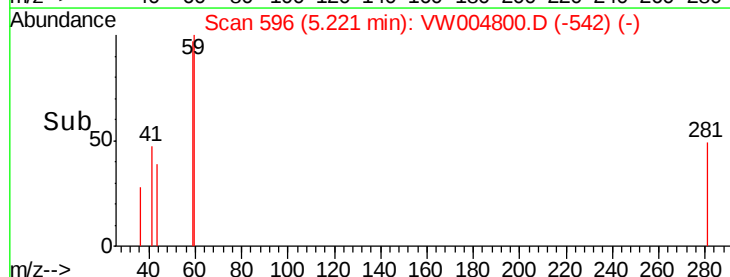
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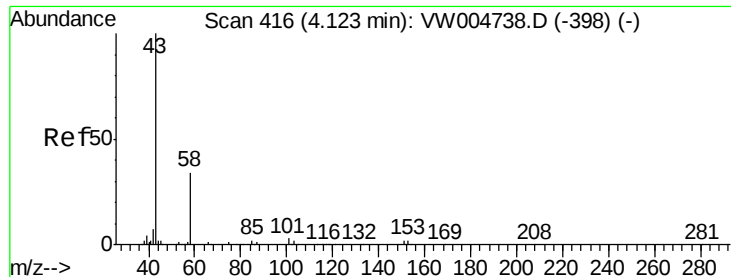
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100

0

Time-->

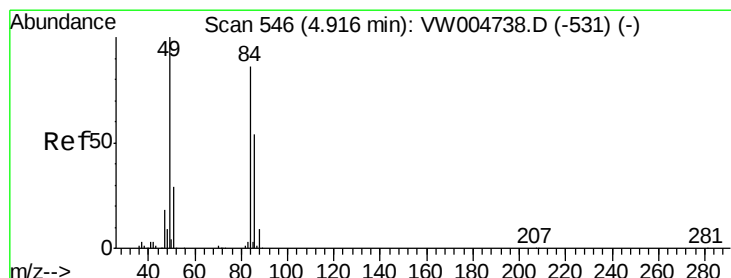
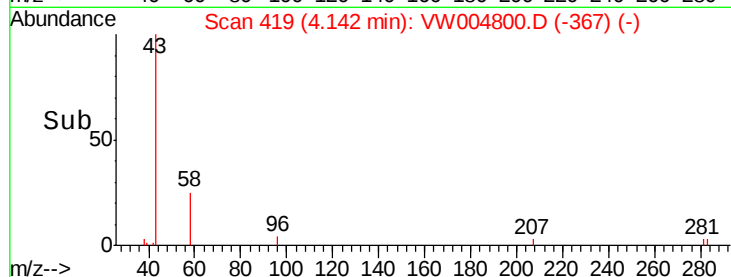
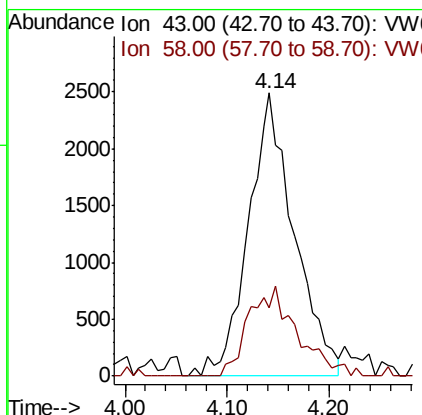
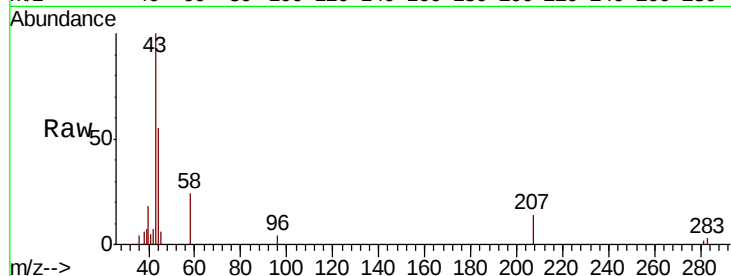




#16
Acetone
Concen: 5.104 ug/l
RT: 4.14 min Scan# 419
Delta R.T. 0.02 min
Lab File: VW004800.D
Acq: 20 Aug 2018 19:10

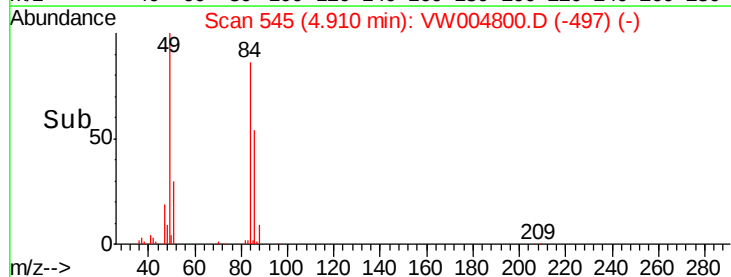
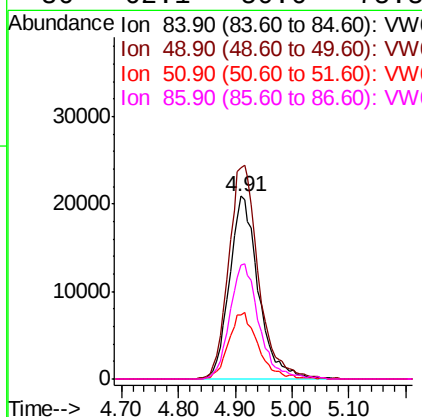
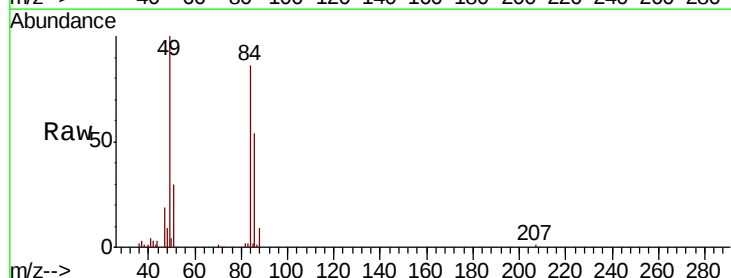
Instrument :
MSVOA_W
ClientSampleId :
LSB-04(0-1)

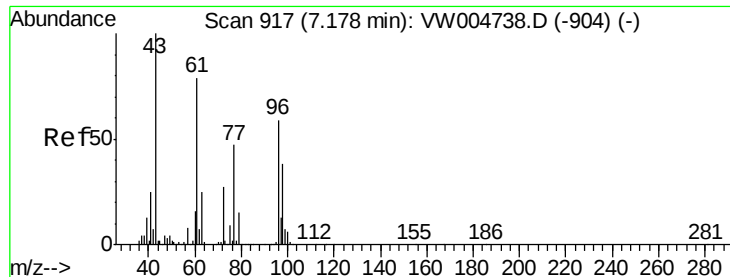
Tgt Ion: 43 Resp: 7760
Ion Ratio Lower Upper
43 100
58 24.1 27.3 40.9#



#20
Methylene Chloride
Concen: 6.944 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004800.D
Acq: 20 Aug 2018 19:10

Tgt Ion: 84 Resp: 74010
Ion Ratio Lower Upper
84 100
49 115.8 93.2 139.8
51 35.3 27.4 41.0
86 62.1 50.6 75.8

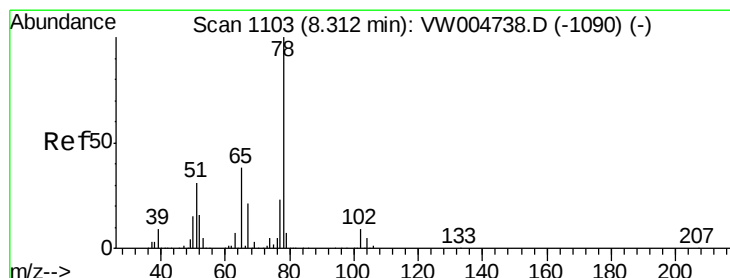
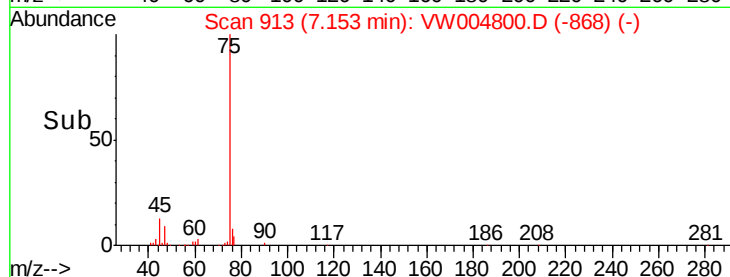
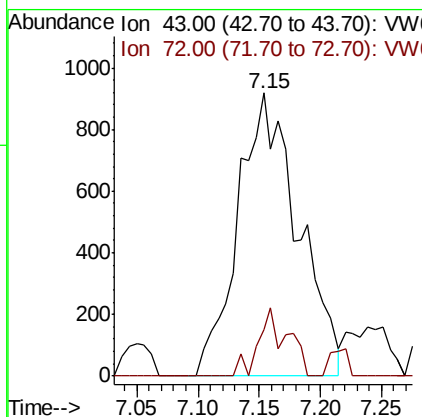
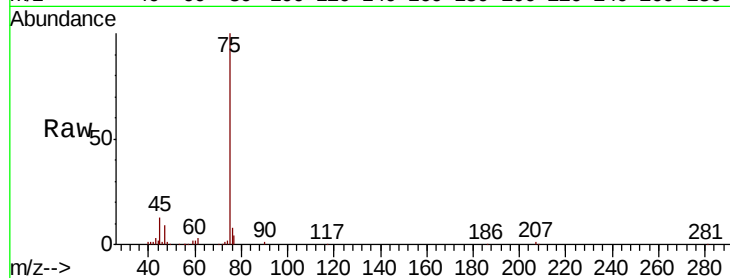




#25
 2-Butanone
 Concen: 1.449 ug/l
 RT: 7.15 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

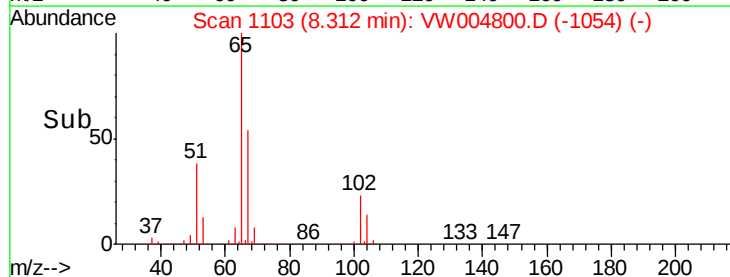
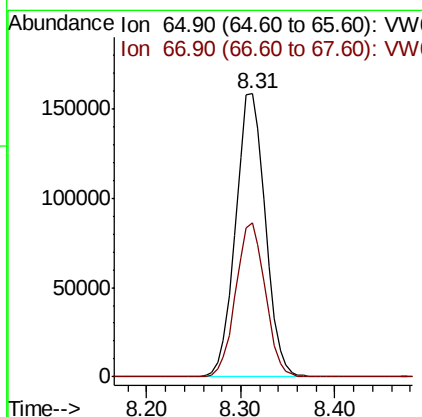
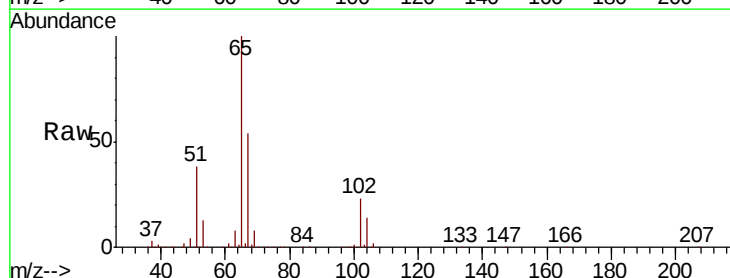
Instrument :
 MSVOA_W
 ClientSampled :
 LSB-04(0-1)

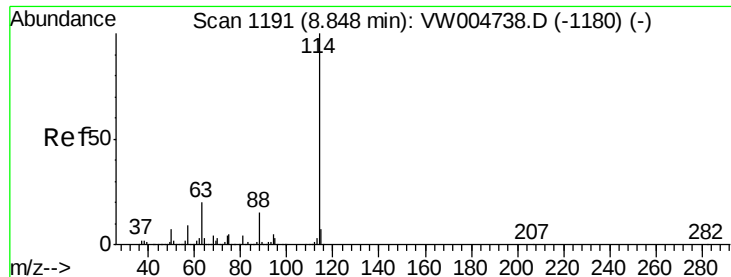
Tgt Ion: 43 Resp: 3140
 Ion Ratio Lower Upper
 43 100
 72 16.3 22.0 33.0#



#33
 1,2-Dichloroethane-d4
 Concen: 58.602 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

Tgt Ion: 65 Resp: 349050
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.4

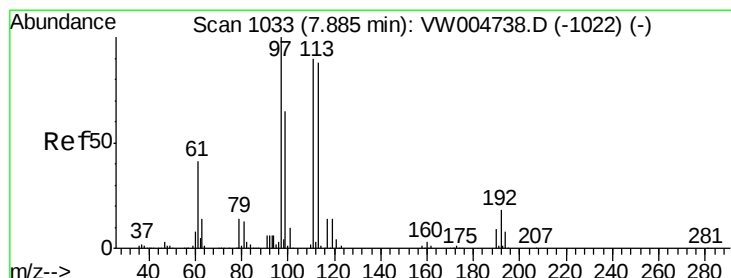
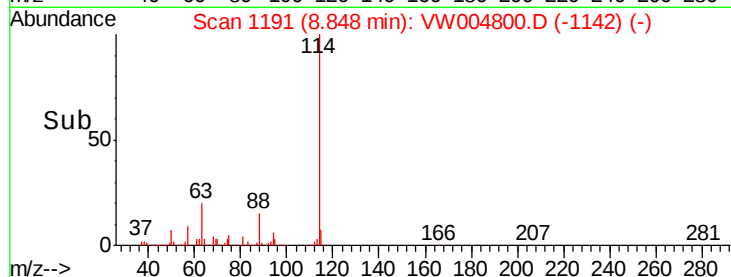
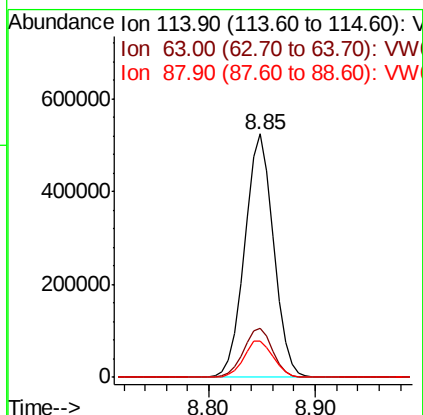
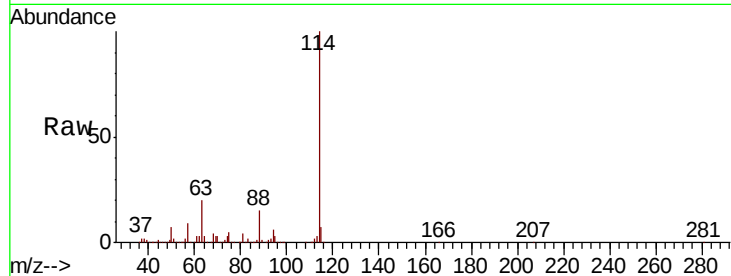




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

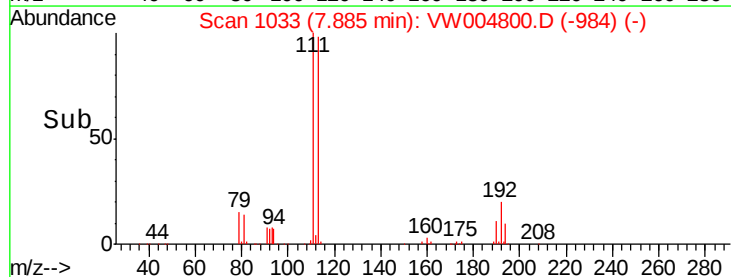
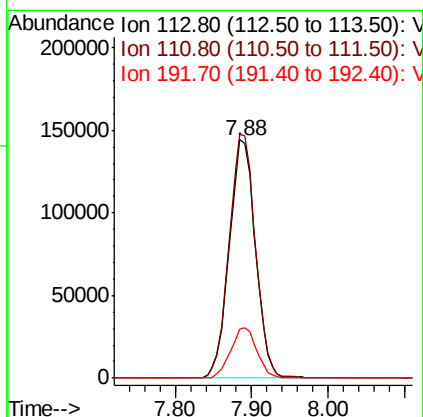
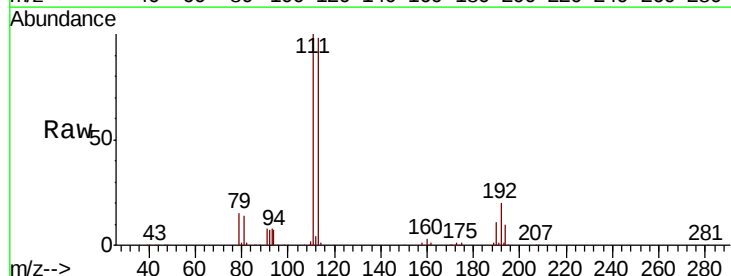
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-04(0-1)

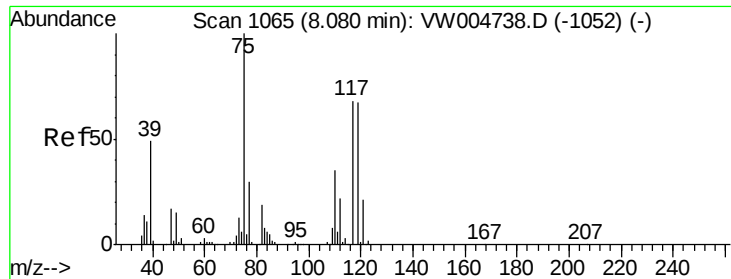
Tgt Ion:114 Resp: 998824
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 14.8 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 53.453 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

Tgt Ion:113 Resp: 341235
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 21.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.469 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampled :

LSB-04(0-1)

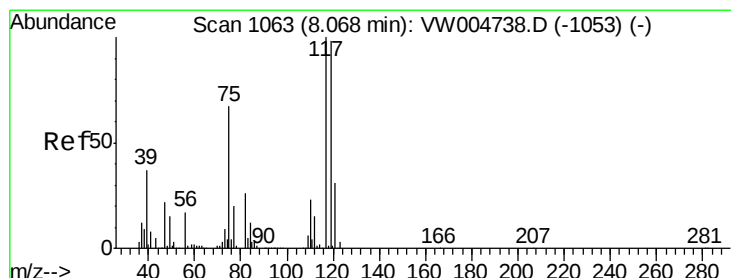
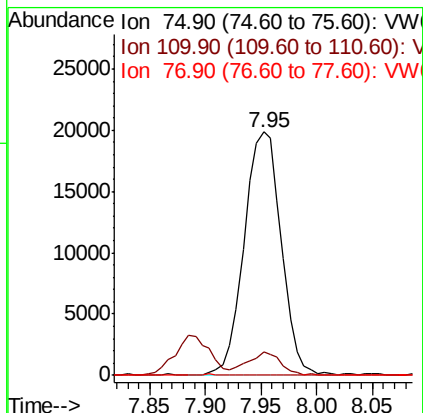
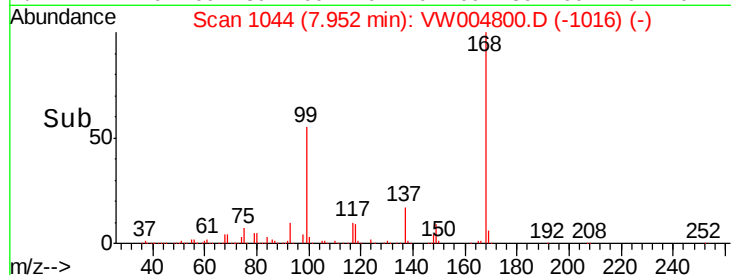
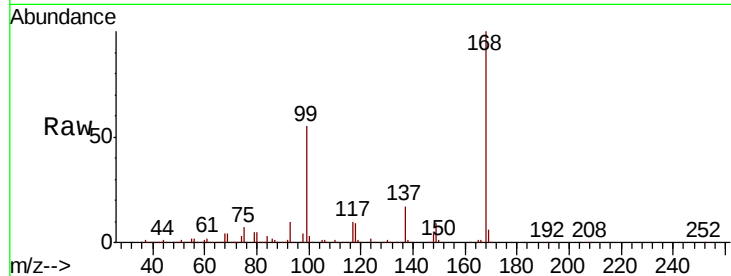
Tgt Ion: 75 Resp: 45989

Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.116 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

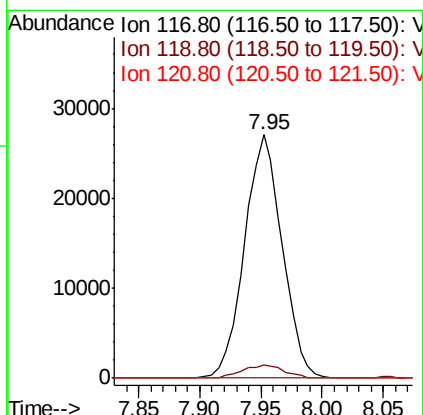
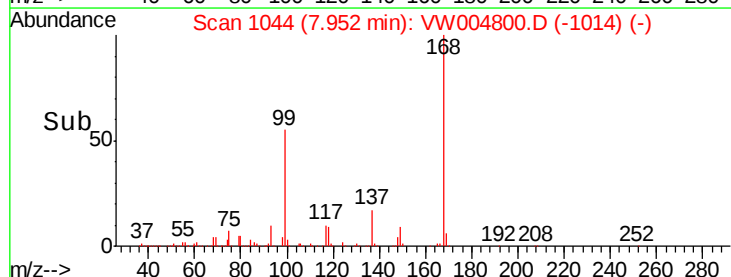
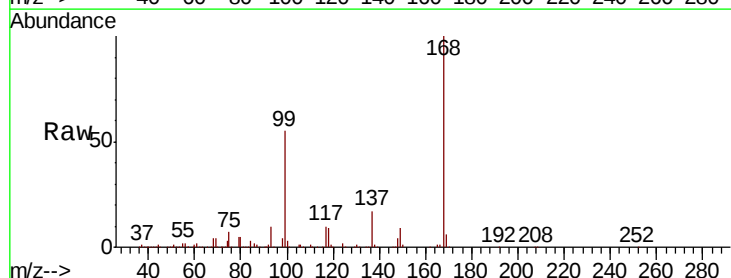
Tgt Ion: 117 Resp: 57928

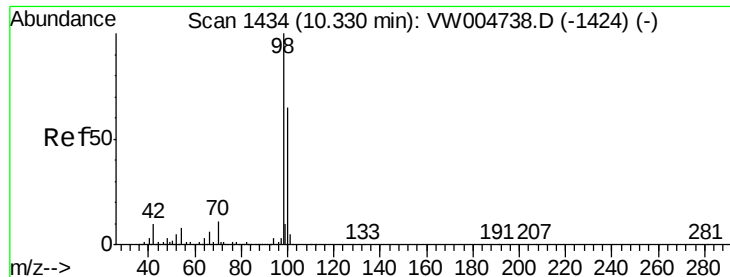
Ion Ratio Lower Upper

117 100

119 5.6 78.0 117.0#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 46.378 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampled :

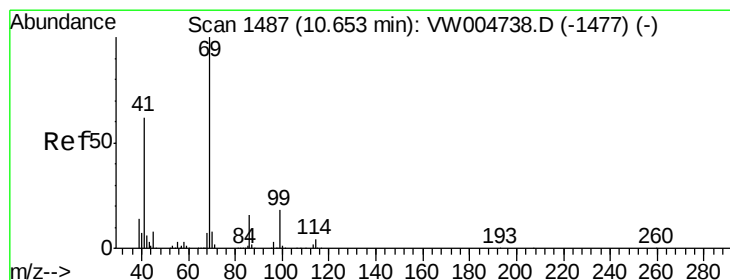
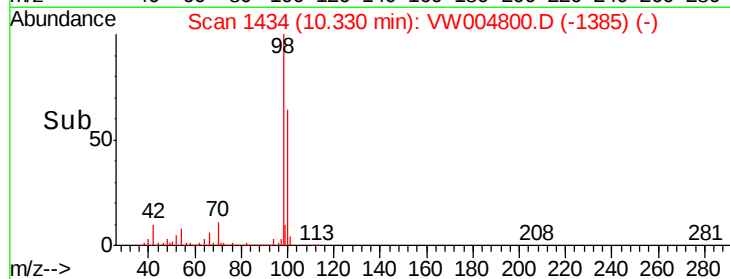
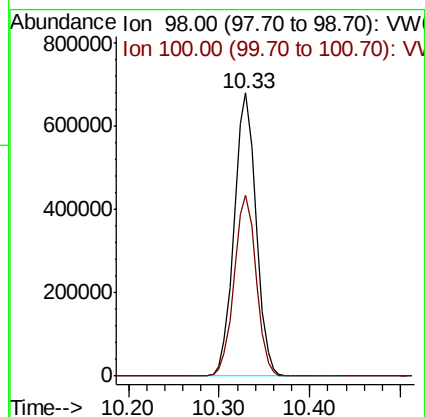
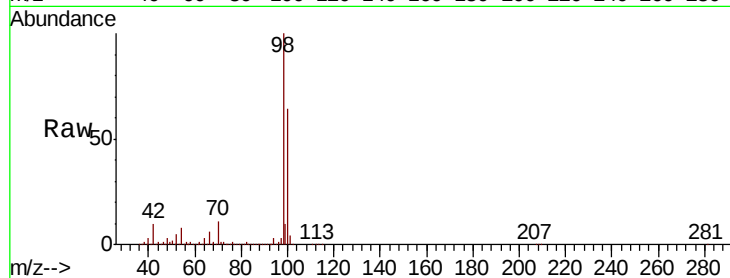
LSB-04(0-1)

Tgt Ion: 98 Resp: 1155725

Ion Ratio Lower Upper

98 100

100 64.0 51.8 77.8



#56

Ethyl methacrylate

Concen: 2.983 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

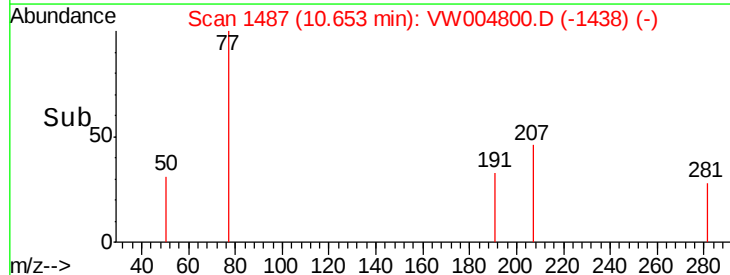
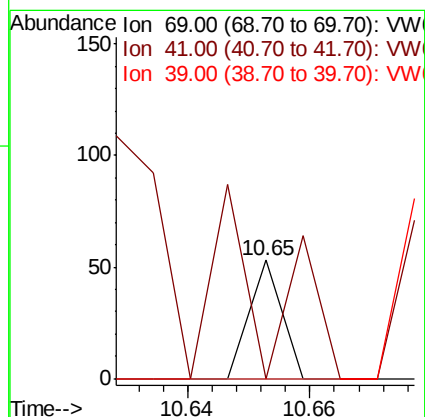
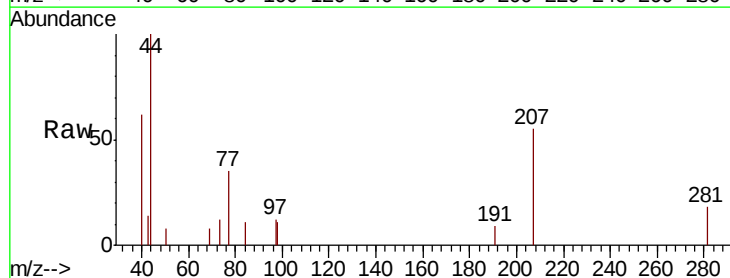
Tgt Ion: 69 Resp: 19

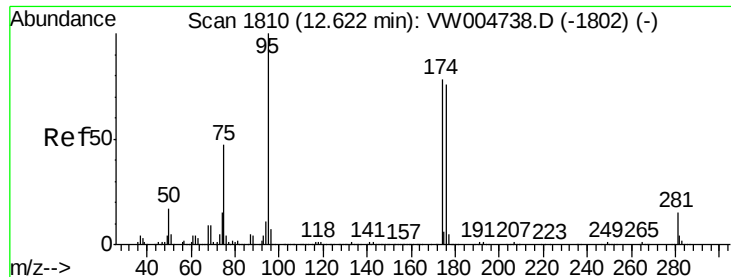
Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

39 0.0 21.4 32.2#

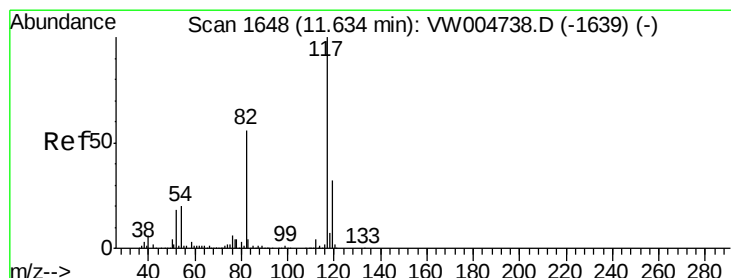
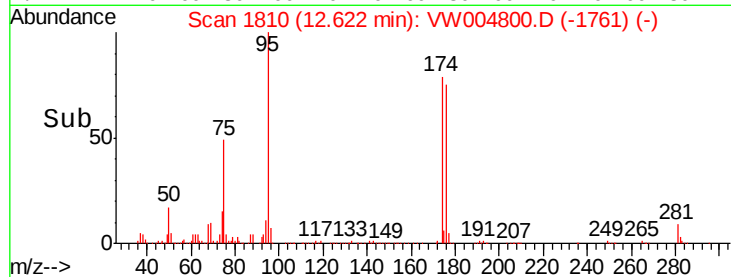
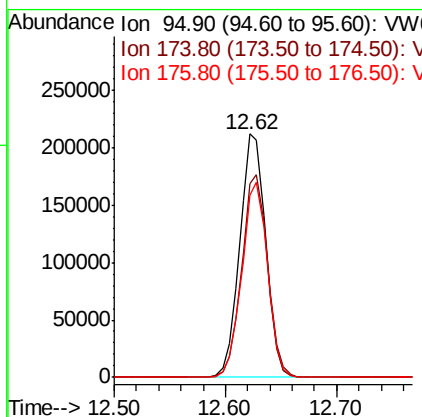
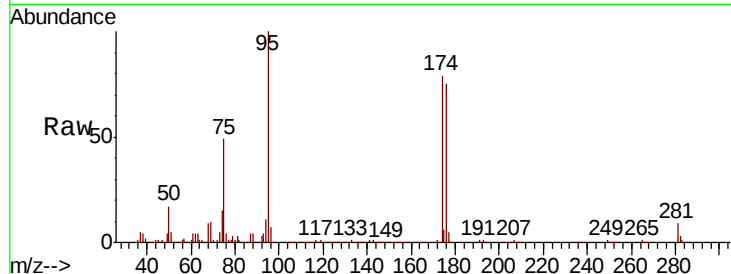




#62
4-Bromofluorobenzene
Concen: 38.198 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004800.D
Acq: 20 Aug 2018 19:10

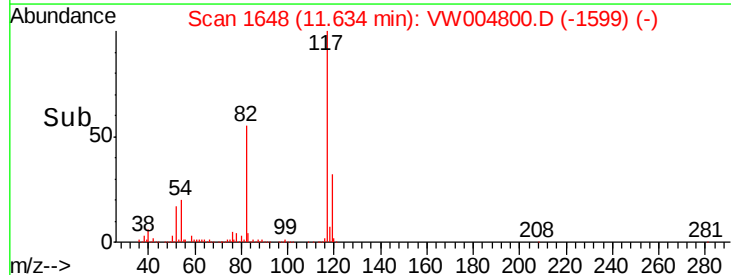
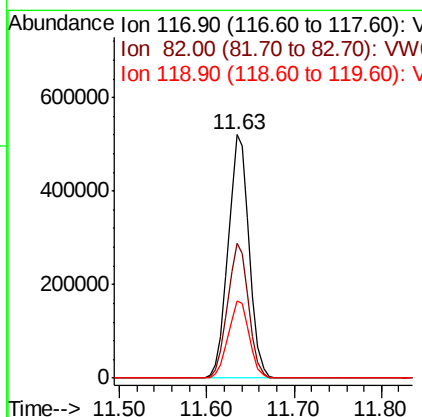
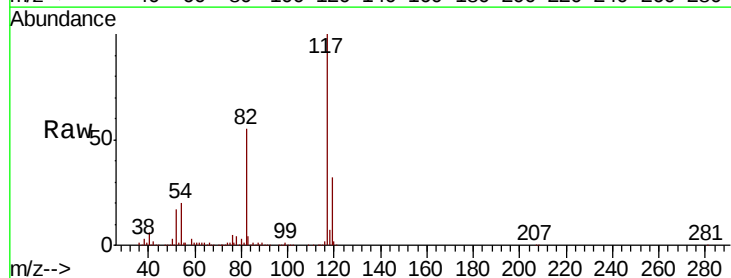
Instrument :
MSVOA_W
ClientSampled :
LSB-04(0-1)

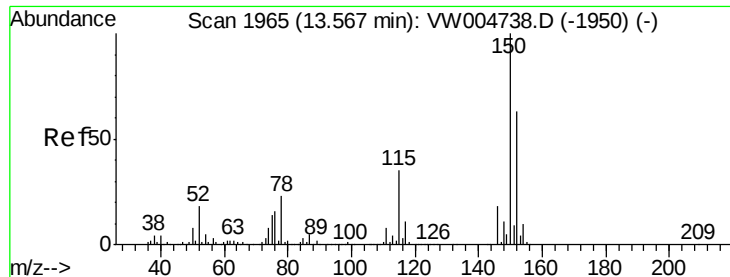
Tgt Ion: 95 Resp: 342448
Ion Ratio Lower Upper
95 100
174 83.0 0.0 165.8
176 79.4 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004800.D
Acq: 20 Aug 2018 19:10

Tgt Ion: 117 Resp: 865060
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.0 25.6 38.4

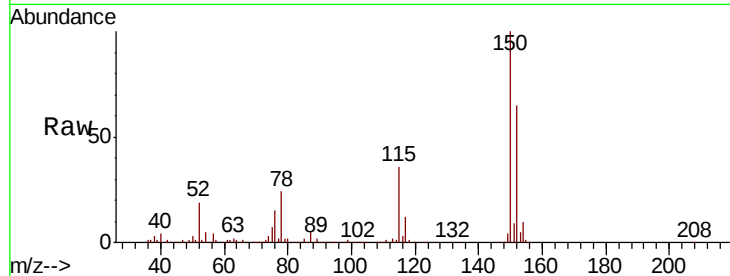




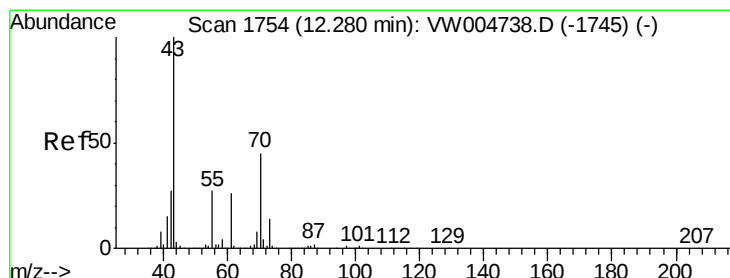
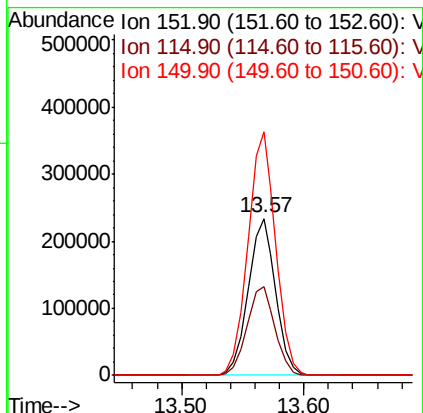
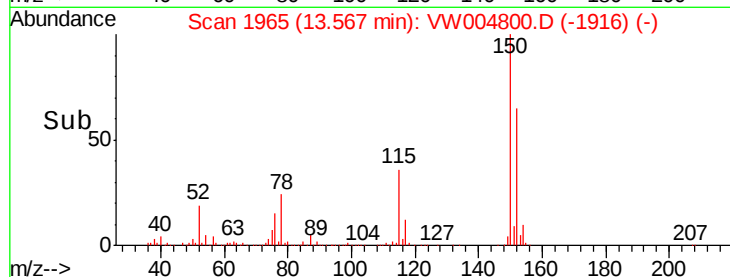
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-04(0-1)

Tgt Ion:152 Resp: 363188
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.5 85.5
 150 156.6 0.0 344.8

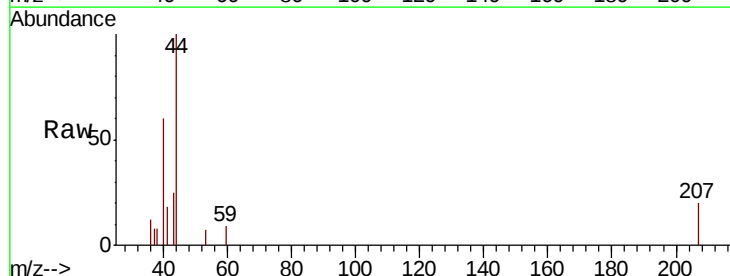


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

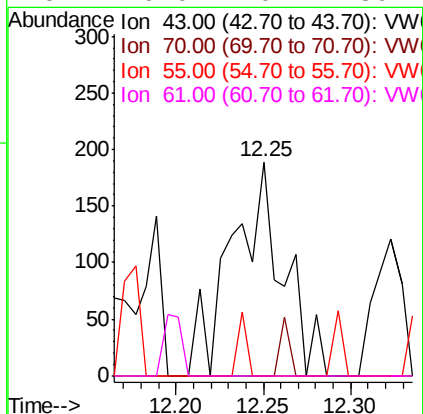
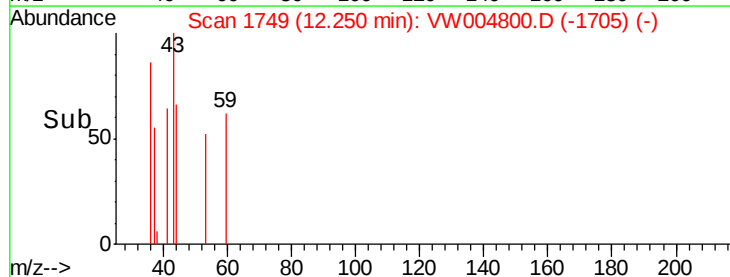


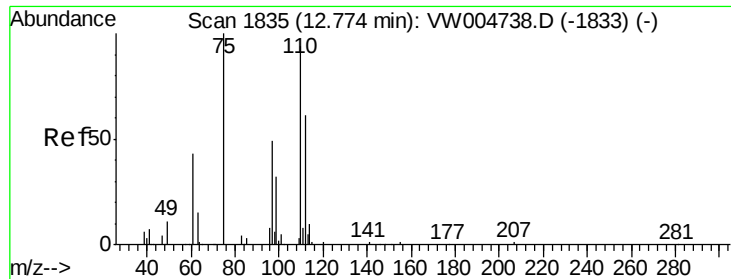
#74
 N-ethyl acetate
 Concen: 4.080 ug/l
 RT: 12.25 min Scan# 1749
 Delta R.T. -0.03 min
 Lab File: VW004800.D
 Acq: 20 Aug 2018 19:10

Tgt Ion: 43 Resp: 386
 Ion Ratio Lower Upper
 43 100
 70 0.0 36.3 54.5#
 55 5.2 22.6 33.8#
 61 0.0 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
 Ion 70.00 (69.70 to 70.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 50.543 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

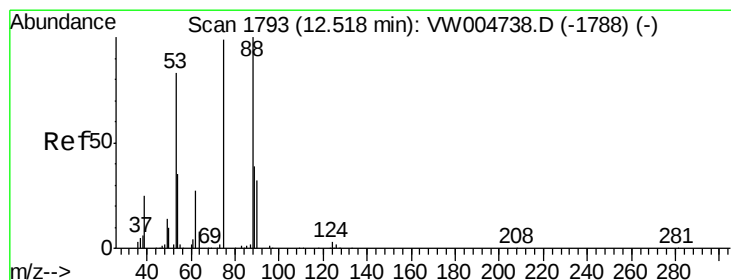
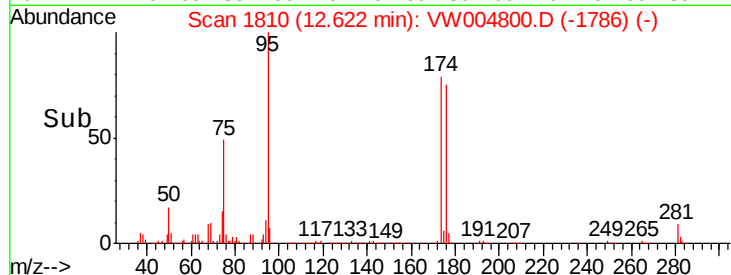
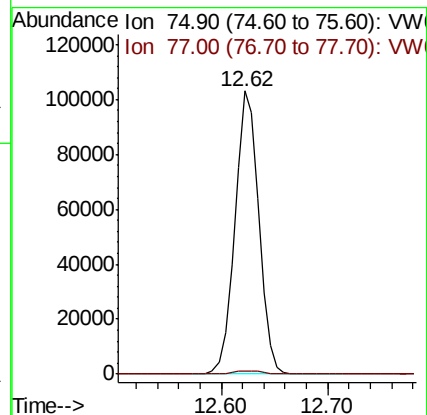
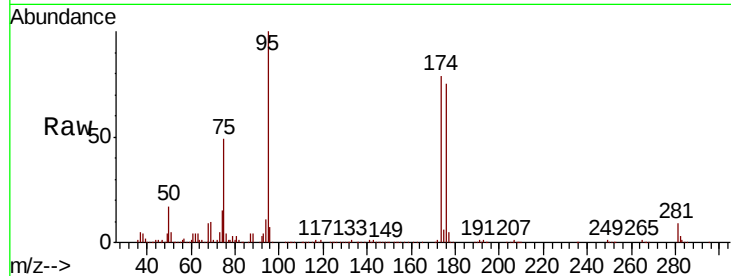
LSB-04(0-1)

Tgt Ion: 75 Resp: 161818

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.476 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

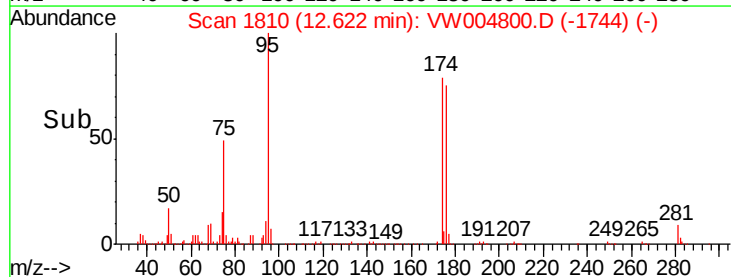
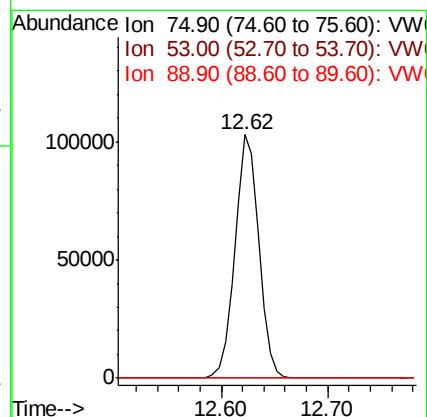
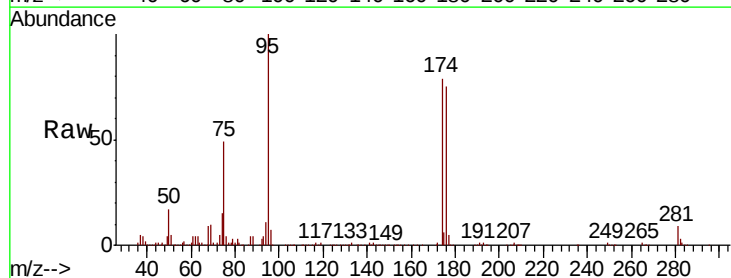
Tgt Ion: 75 Resp: 161818

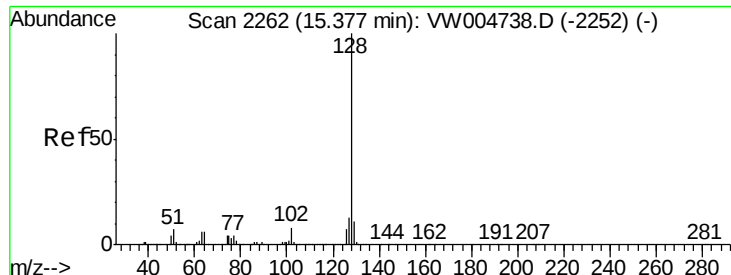
Ion Ratio Lower Upper

75 100

53 0.3 72.2 108.4#

89 0.1 35.2 52.8#





#95

Naphthalene

Concen: 3.555 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004800.D

Acq: 20 Aug 2018 19:10

Instrument :

MSVOA_W

ClientSampleId :

LSB-04(0-1)

Tgt Ion:128 Resp: 756

Ion Ratio Lower Upper

128 100

127 3.4 10.4 15.6#

129 0.0 8.6 13.0#

