

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
 Data File : VW004798.D
 Acq On : 20 Aug 2018 18:19
 Operator : SY/AP
 Sample : J4499-02
 Misc : 5.08G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-02(0-1)

Quant Time: Aug 21 00:57:16 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	541508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	881659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	663206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187203	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	337661	64.50	ug/l	0.00
Spiked Amount			Recovery	=	129.00%	
35) Dibromofluoromethane	7.89	113	328932	58.37	ug/l	0.00
Spiked Amount			Recovery	=	116.74%	
50) Toluene-d8	10.33	98	1017693	46.27	ug/l	0.00
Spiked Amount			Recovery	=	92.54%	
62) 4-Bromofluorobenzene	12.62	95	242740	30.67	ug/l	0.00
Spiked Amount			Recovery	=	61.34%	

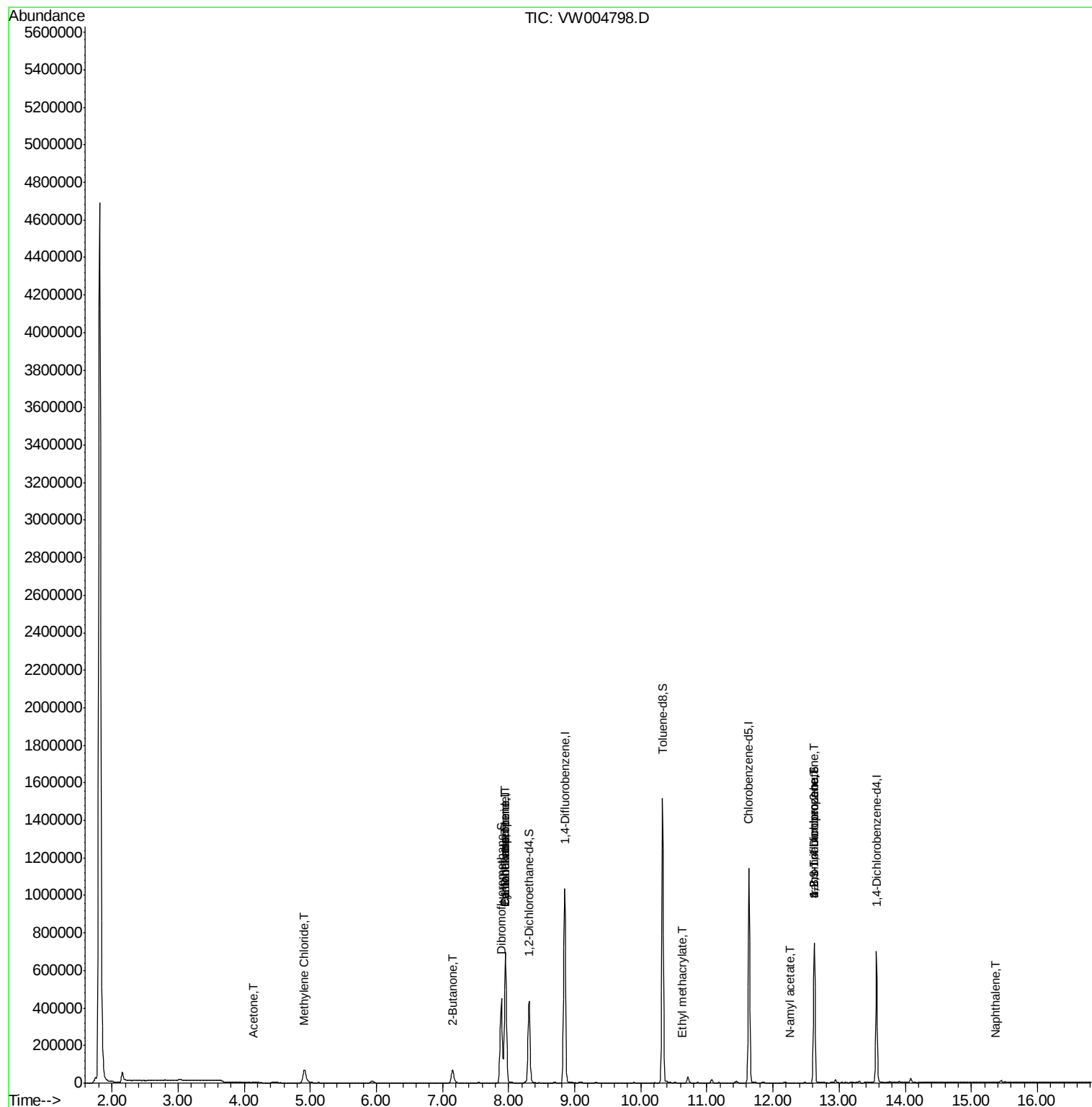
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	7651	5.725	ug/l	93
20) Methylene Chloride	4.91	84	59685	5.982	ug/l	97
25) 2-Butanone	7.15	43	4058	2.131	ug/l #	70
31) Cyclohexane	7.95	56	10911	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	40696	4.481	ug/l #	48
38) Carbon Tetrachloride	7.95	117	49423	5.911	ug/l #	15
56) Ethyl methacrylate	10.62	69	24	2.984	ug/l #	1
74) N-amyl acetate	12.26	43	362	4.131	ug/l #	52
76) 1,2,3-Trichloropropane	12.62	75	115606	70.054	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	115606	162.825	ug/l #	14
95) Naphthalene	15.38	128	1052	3.634	ug/l #	81

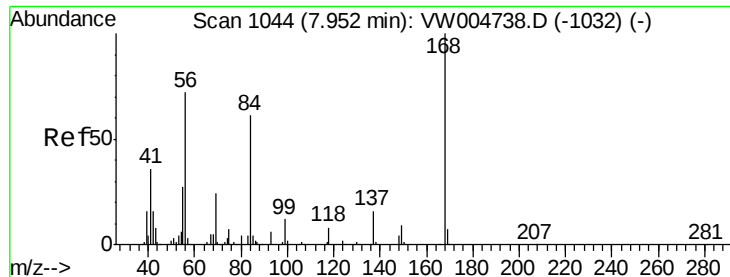
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004798.D

Acq: 20 Aug 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

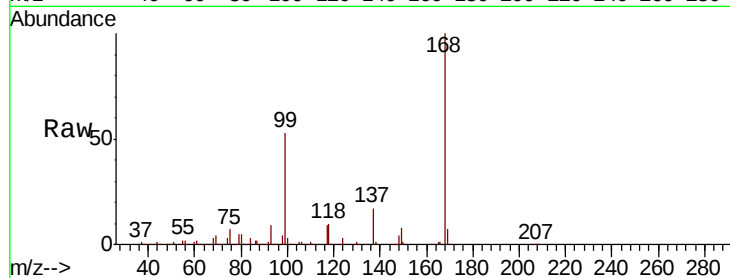
LSB-02(0-1)

Tgt Ion:168 Resp: 541508

Ion Ratio Lower Upper

168 100

99 53.0 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

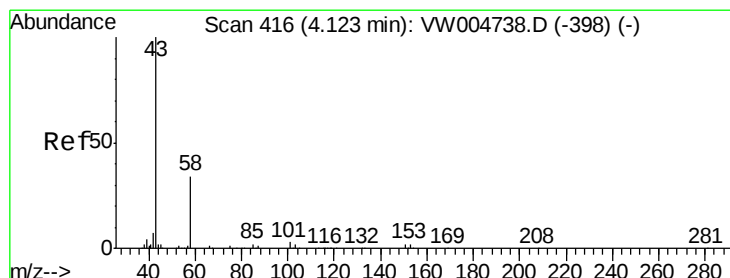
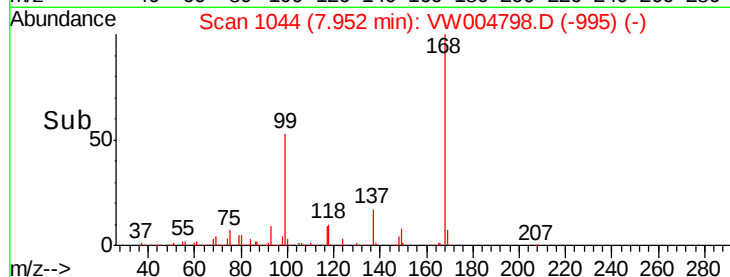
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 5.725 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004798.D

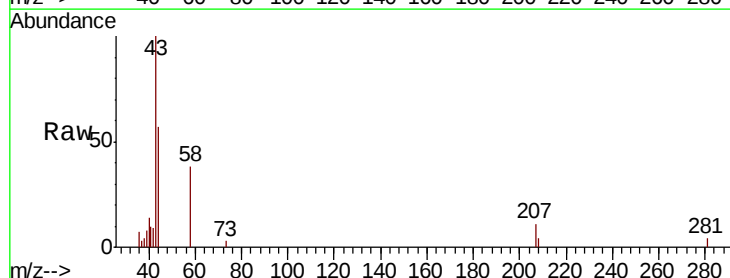
Acq: 20 Aug 2018 18:19

Tgt Ion: 43 Resp: 7651

Ion Ratio Lower Upper

43 100

58 38.3 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

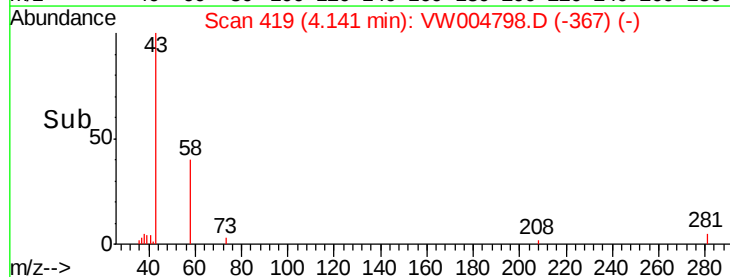
1500

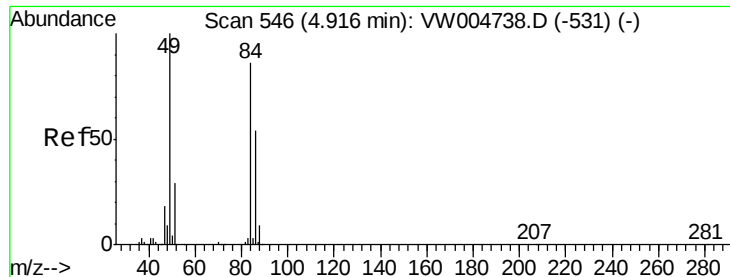
1000

500

0

Time--> 4.10 4.20

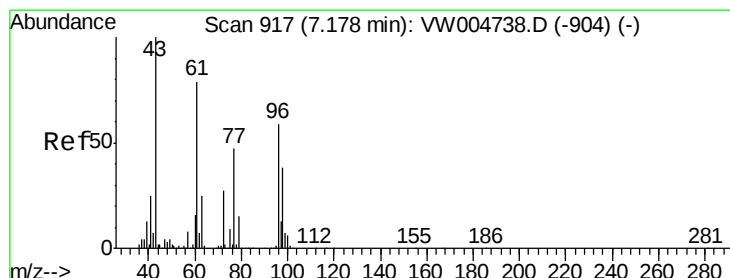
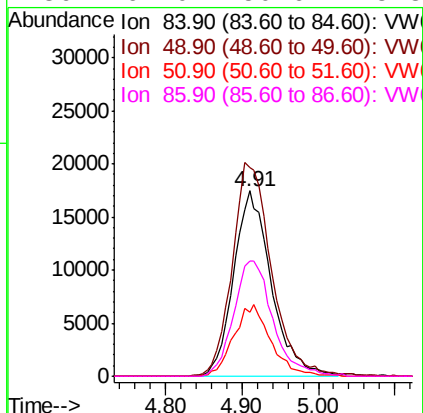
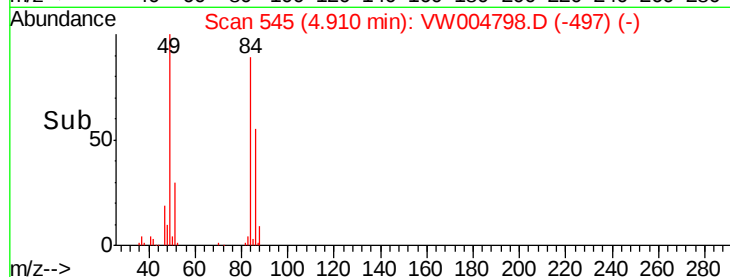
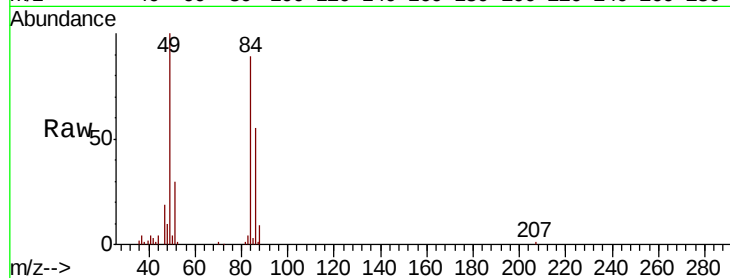




#20
Methylene Chloride
Concen: 5.982 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.01 min
Lab File: VW004798.D
Acq: 20 Aug 2018 18:19

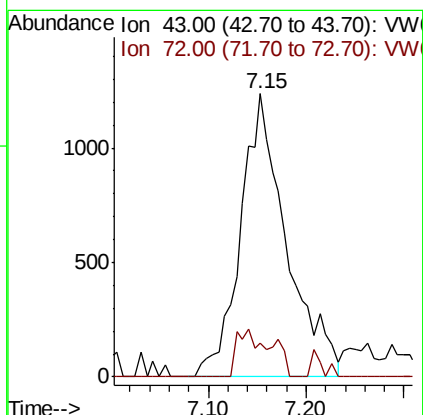
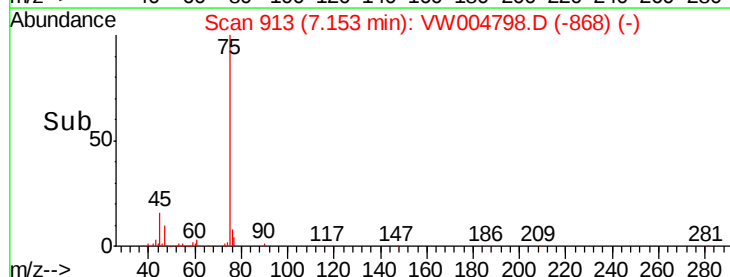
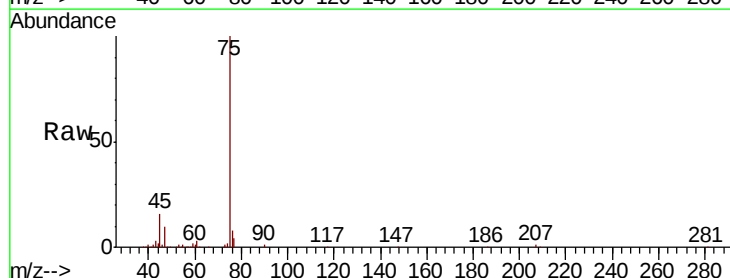
Instrument :
MSVOA_W
ClientSampled :
LSB-02(0-1)

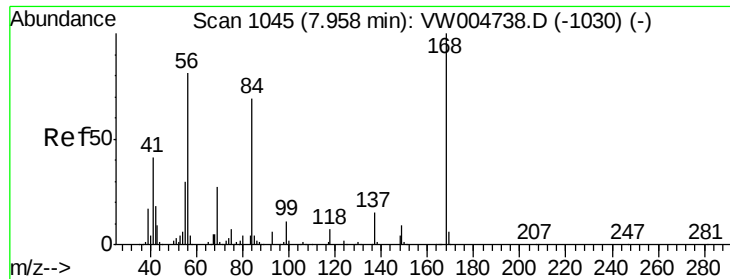
Tgt Ion:	84	Resp:	59685
Ion	Ratio	Lower	Upper
84	100		
49	112.3	93.2	139.8
51	34.2	27.4	41.0
86	62.0	50.6	75.8



#25
2-Butanone
Concen: 2.131 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW004798.D
Acq: 20 Aug 2018 18:19

Tgt Ion:	43	Resp:	4058
Ion	Ratio	Lower	Upper
43	100		
72	12.0	22.0	33.0#

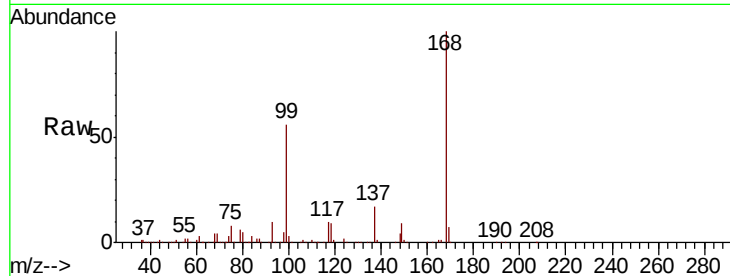




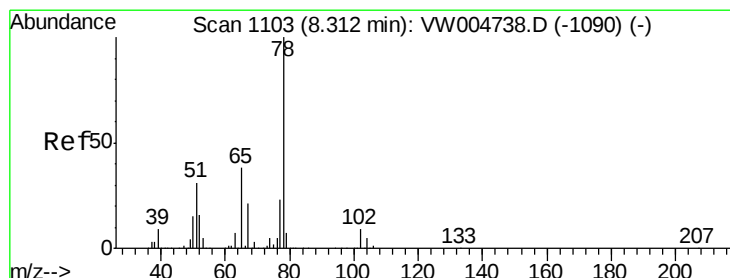
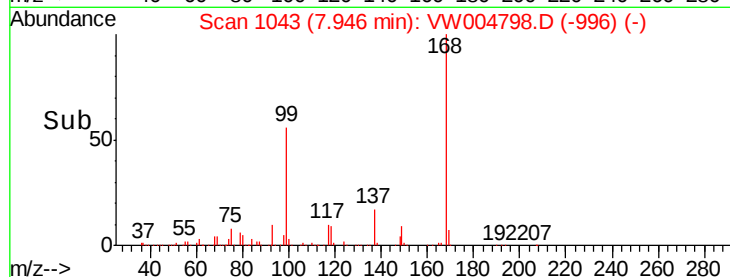
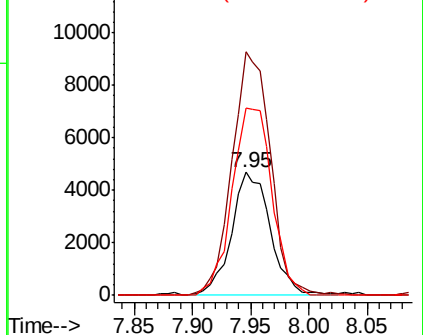
#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004798.D
Acq: 20 Aug 2018 18:19

Instrument :
MSVOA_W
ClientSampled :
LSB-02(0-1)

Tgt Ion: 56 Resp: 10911
Ion Ratio Lower Upper
56 100
69 197.6 27.1 40.7#
84 152.5 68.3 102.5#

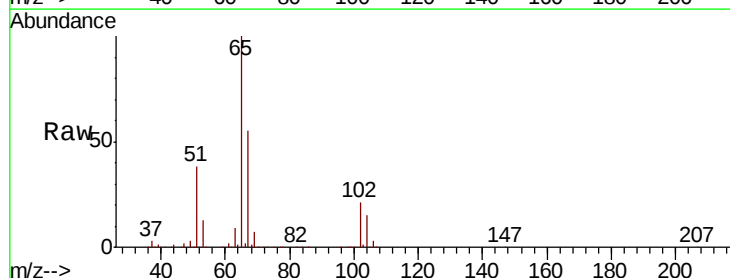


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

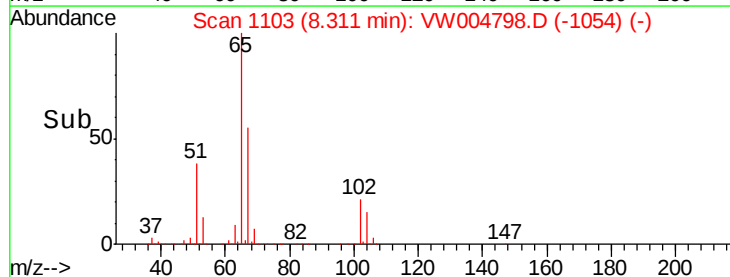
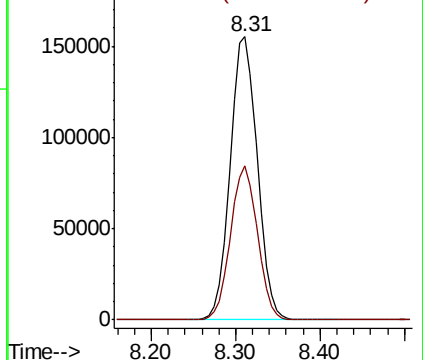


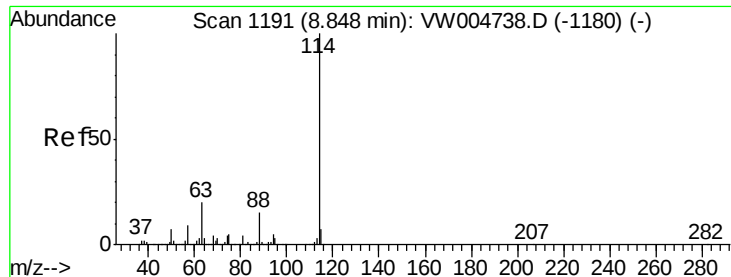
#33
1,2-Dichloroethane-d4
Concen: 64.497 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004798.D
Acq: 20 Aug 2018 18:19

Tgt Ion: 65 Resp: 337661
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

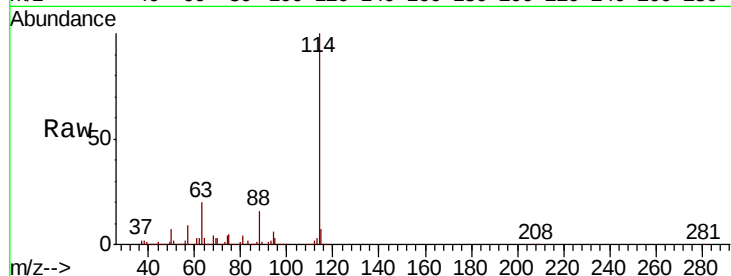




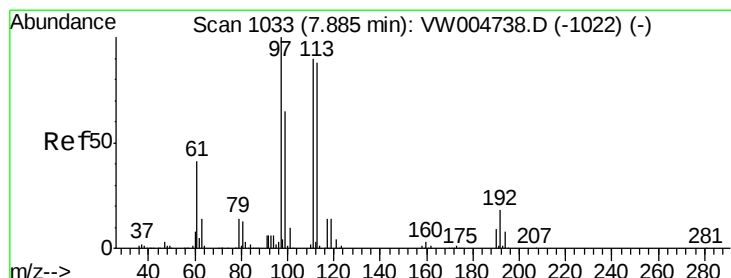
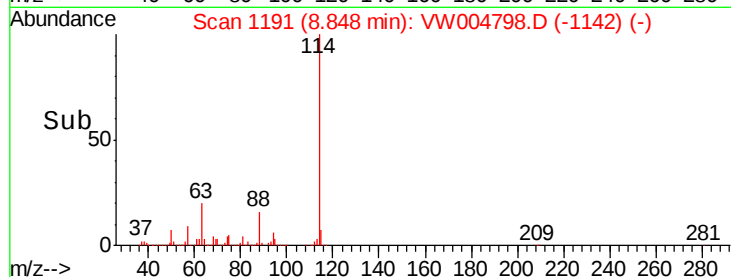
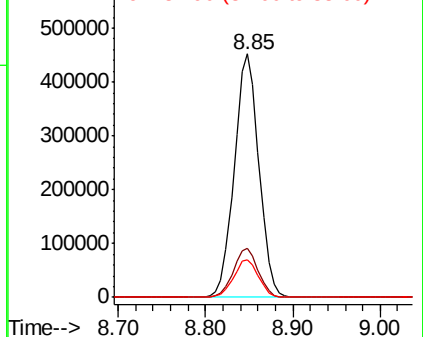
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004798.D
 Acq: 20 Aug 2018 18:19

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-02(0-1)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	15.6	0.0	30.0

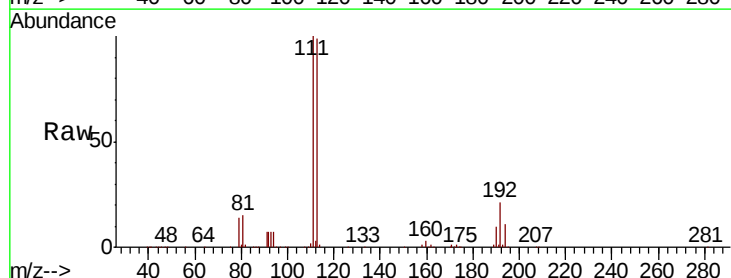


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

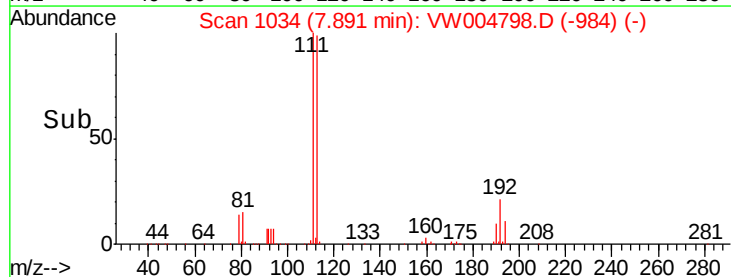
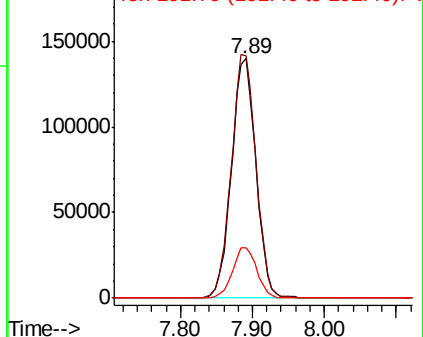


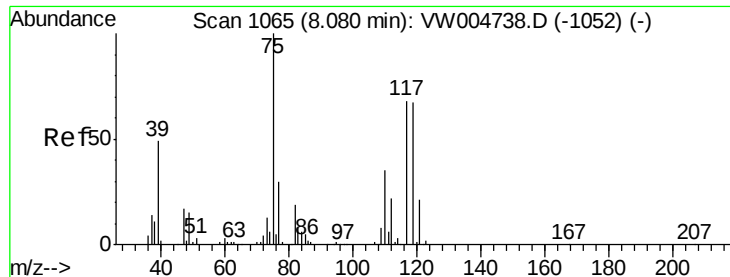
#35
 Dibromofluoromethane
 Concen: 58.373 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004798.D
 Acq: 20 Aug 2018 18:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	21.1	16.7	25.1



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

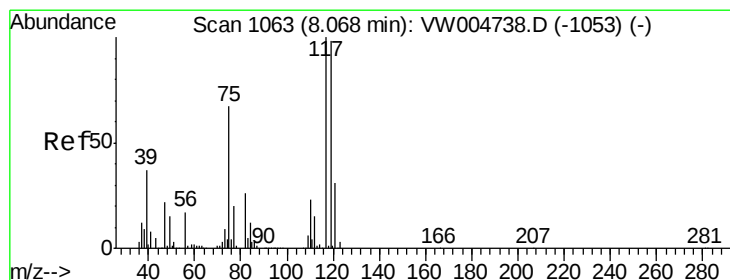
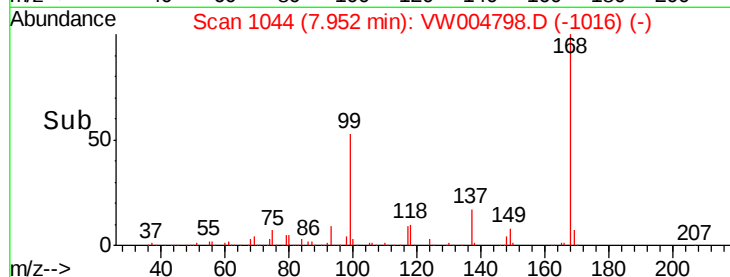
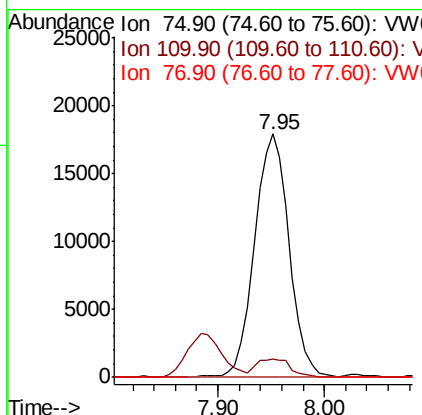
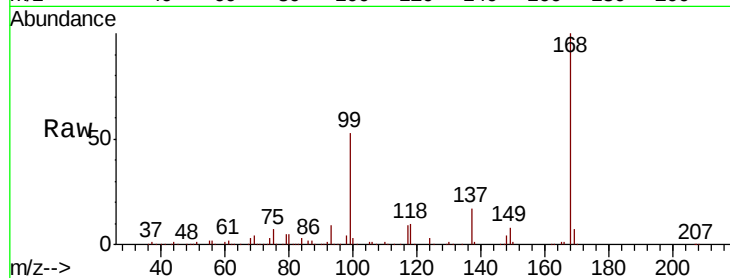




#36
 1,1-Dichloropropene
 Concen: 4.481 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004798.D
 Acq: 20 Aug 2018 18:19

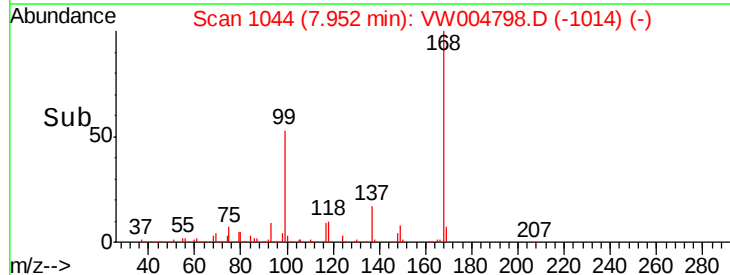
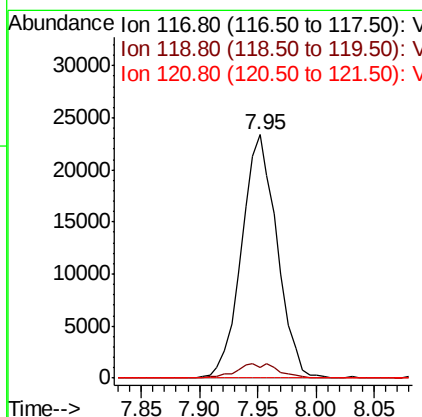
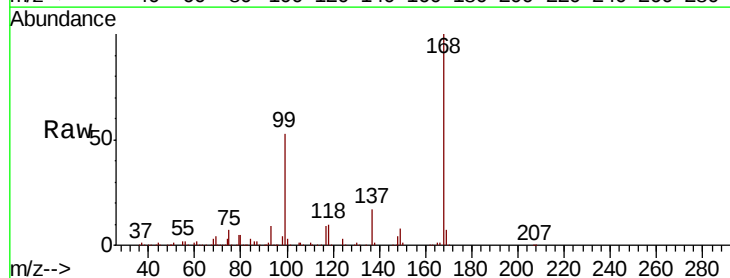
Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-02(0-1)

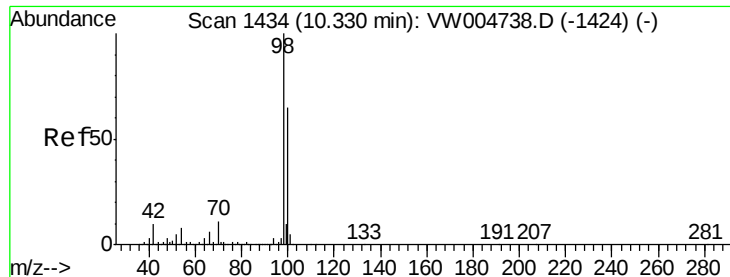
Tgt Ion: 75 Resp: 40696
 Ion Ratio Lower Upper
 75 100
 110 7.4 17.8 53.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.911 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004798.D
 Acq: 20 Aug 2018 18:19

Tgt Ion: 117 Resp: 49423
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.0 117.0#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 46.266 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004798.D

Acq: 20 Aug 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

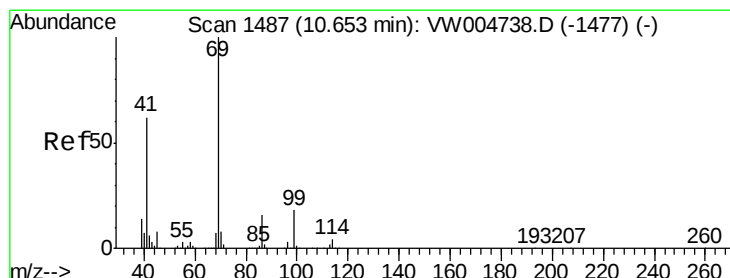
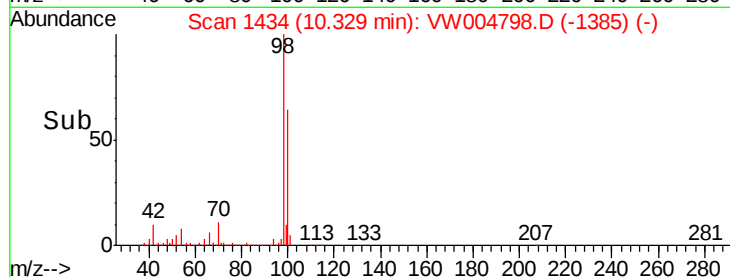
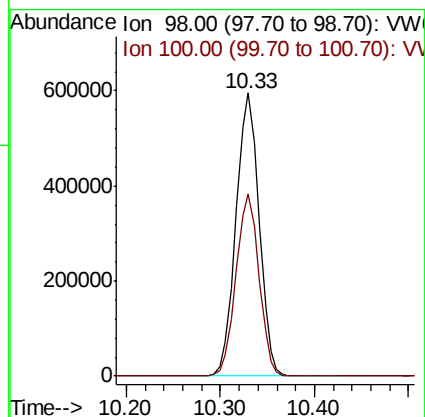
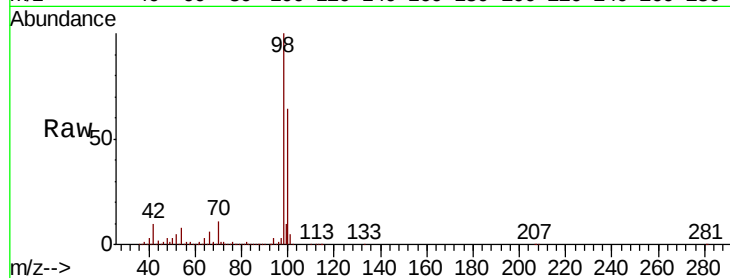
LSB-02(0-1)

Tgt Ion: 98 Resp: 1017693

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.8



#56

Ethyl methacrylate

Concen: 2.984 ug/l

RT: 10.62 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW004798.D

Acq: 20 Aug 2018 18:19

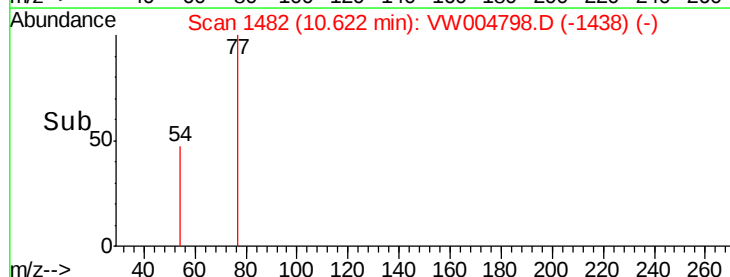
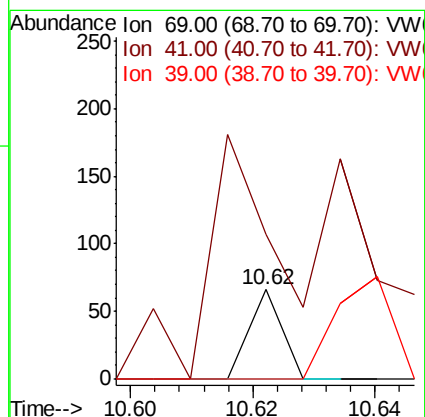
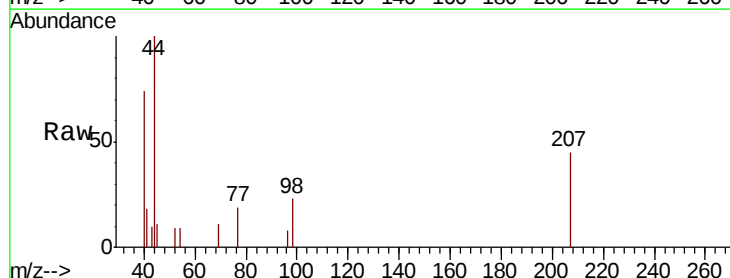
Tgt Ion: 69 Resp: 24

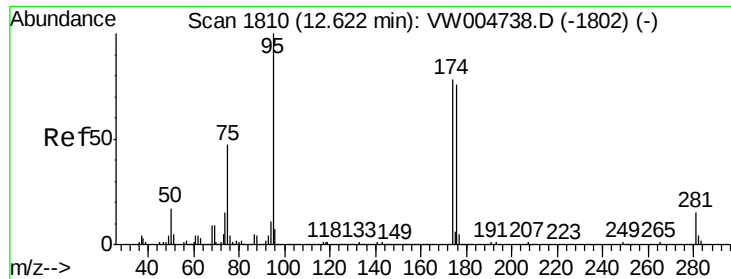
Ion Ratio Lower Upper

69 100

41 600.0 50.7 76.1#

39 0.0 21.4 32.2#

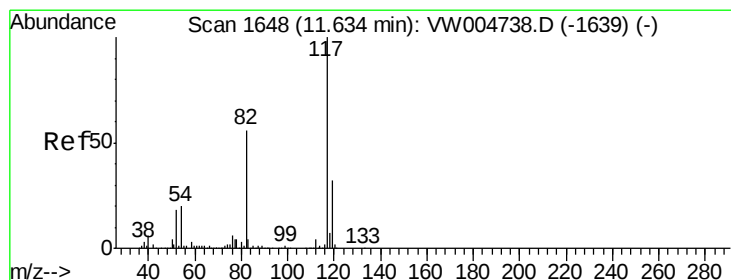
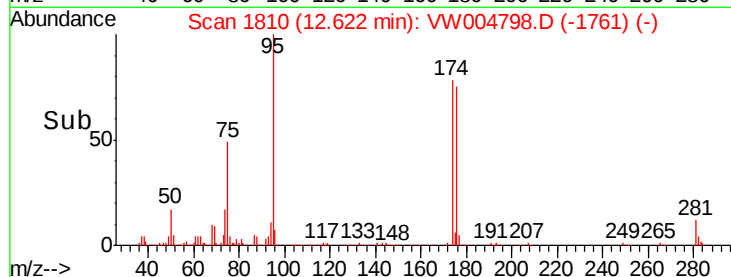
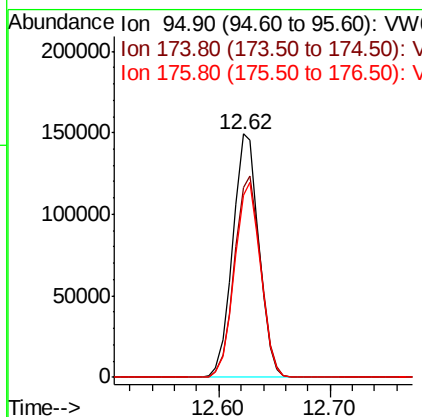
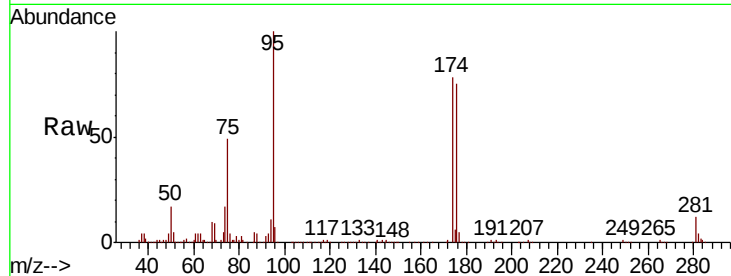




#62
4-Bromofluorobenzene
Concen: 30.674 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004798.D
Acq: 20 Aug 2018 18:19

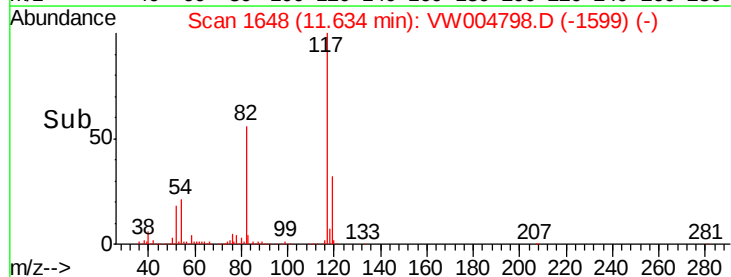
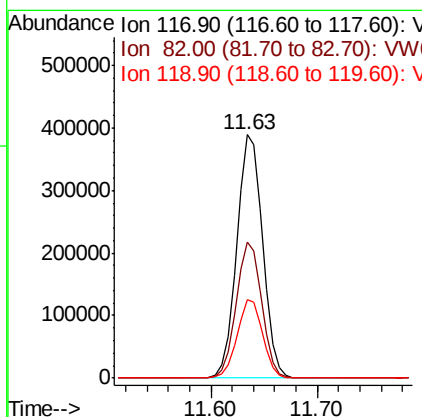
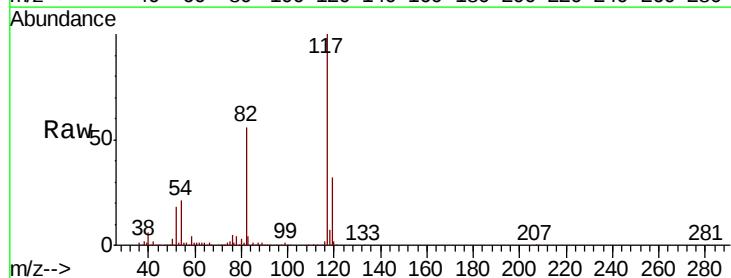
Instrument :
MSVOA_W
ClientSampled :
LSB-02(0-1)

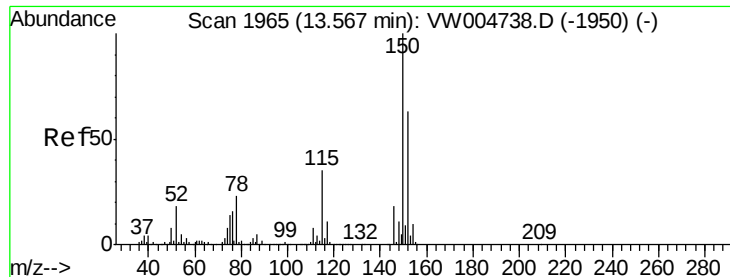
Tgt Ion: 95 Resp: 242740
Ion Ratio Lower Upper
95 100
174 83.2 0.0 165.8
176 79.8 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004798.D
Acq: 20 Aug 2018 18:19

Tgt Ion: 117 Resp: 663206
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 32.2 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: VW004798.D

Acq: 20 Aug 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

LSB-02(0-1)

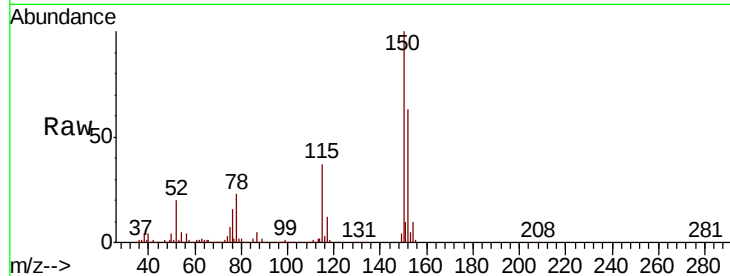
Tgt Ion:152 Resp: 187203

Ion Ratio Lower Upper

152 100

115 57.8 28.5 85.5

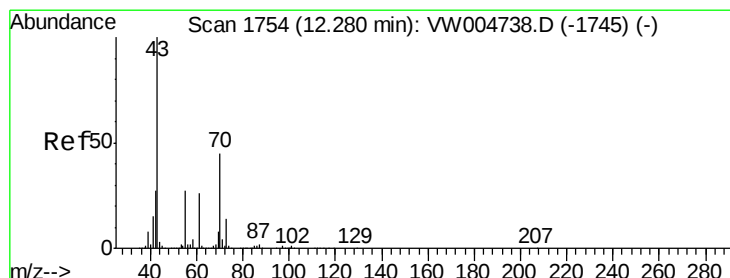
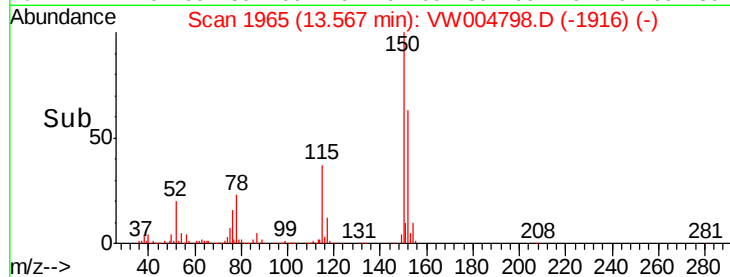
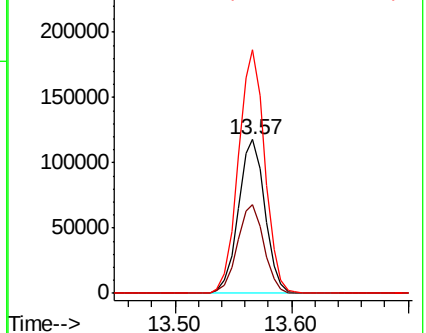
150 157.5 0.0 344.8



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: 4.131 ug/l

RT: 12.26 min Scan# 1751

Delta R.T. -0.02 min

Lab File: VW004798.D

Acq: 20 Aug 2018 18:19

Tgt Ion: 43 Resp: 362

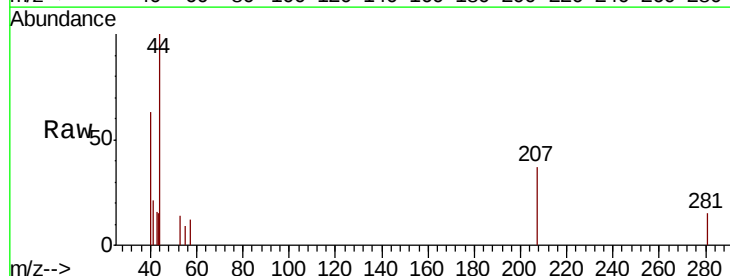
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 34.0 22.6 33.8#

61 0.0 20.2 30.4#

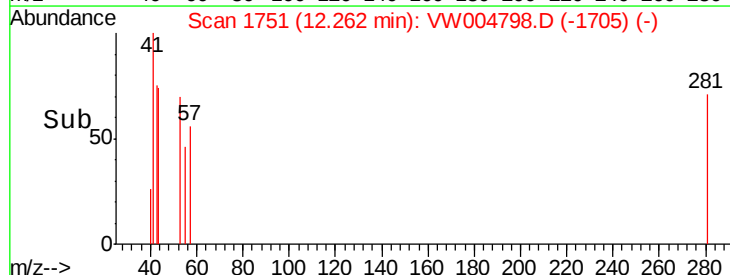
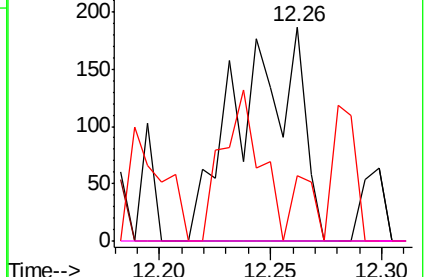


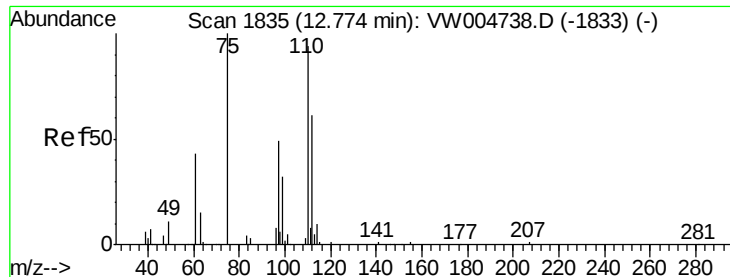
Abundance Ion 43.00 (42.70 to 43.70): VW

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

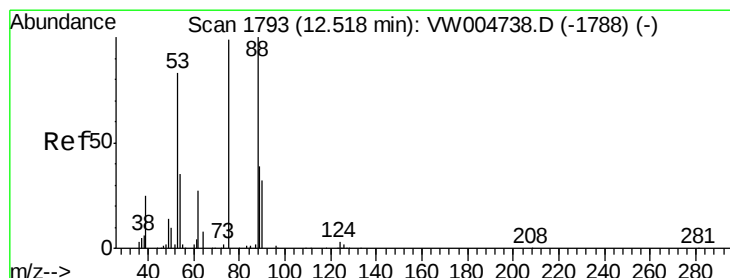
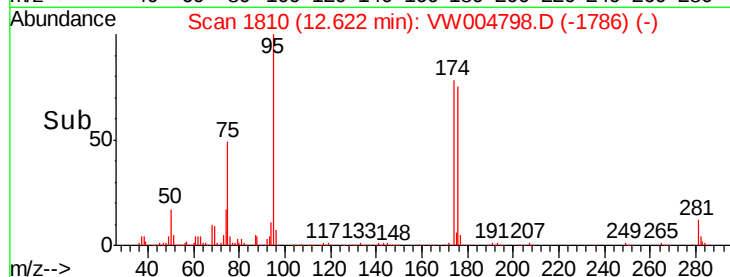
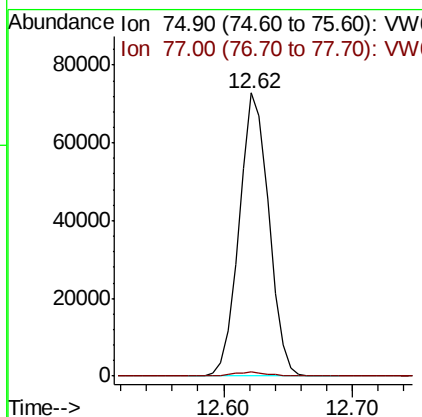
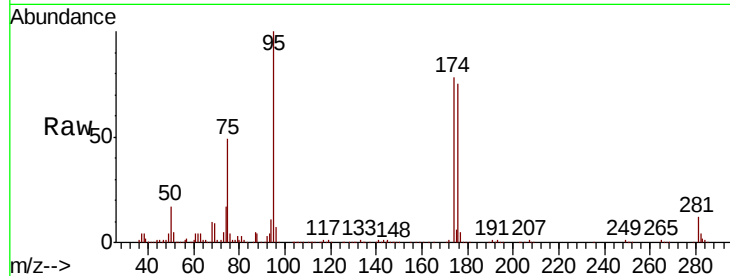




#76
 1,2,3-Trichloropropane
 Concen: 70.054 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004798.D
 Acq: 20 Aug 2018 18:19

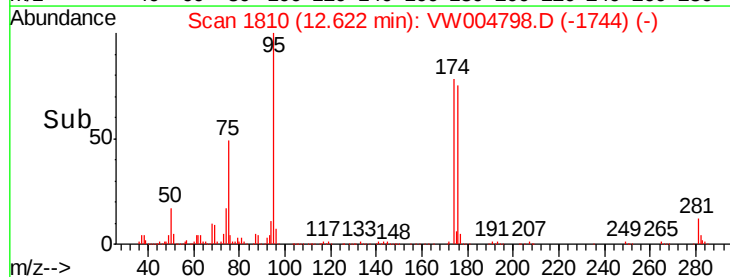
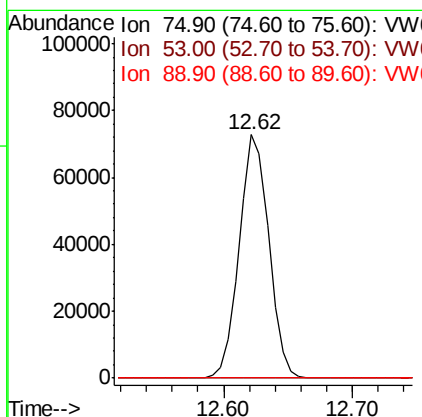
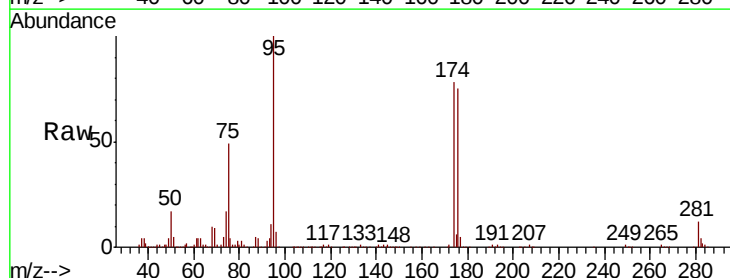
Instrument :
 MSVOA_W
 ClientSampled :
 LSB-02(0-1)

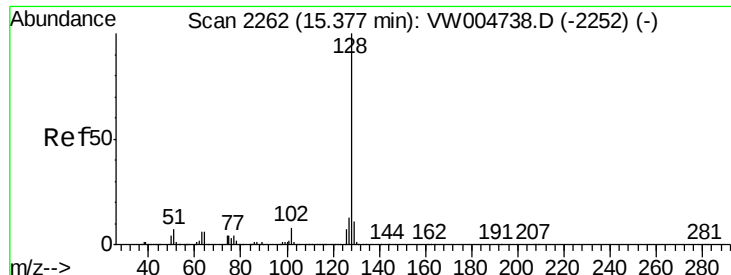
Tgt Ion: 75 Resp: 115606
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 162.825 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004798.D
 Acq: 20 Aug 2018 18:19

Tgt Ion: 75 Resp: 115606
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.2 108.4#
 89 0.0 35.2 52.8#





#95

Naphthalene

Concen: 3.634 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004798.D

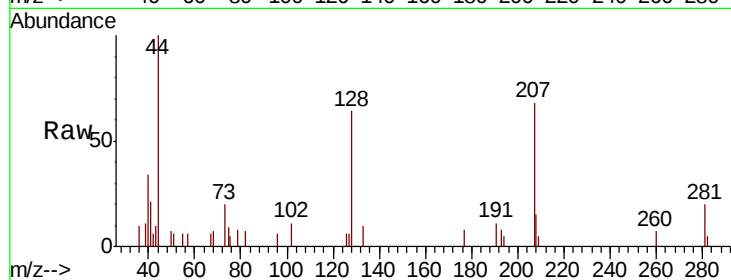
Acq: 20 Aug 2018 18:19

Instrument :

MSVOA_W

ClientSampleId :

LSB-02(0-1)



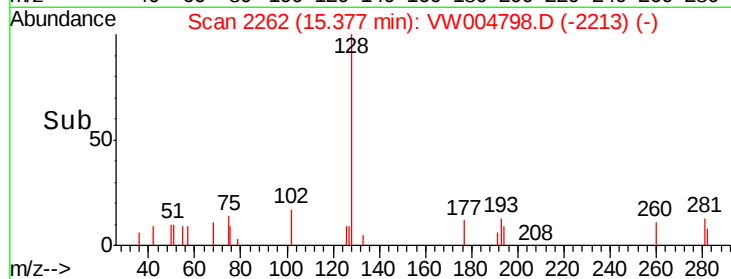
Tgt Ion:128 Resp: 1052

Ion Ratio Lower Upper

128 100

127 4.0 10.4 15.6#

129 5.6 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

