

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
 Data File : VW004799.D
 Acq On : 20 Aug 2018 18:45
 Operator : SY/AP
 Sample : J4499-03
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LSB-03(0-1)

Quant Time: Aug 21 00:57:28 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	588358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	961534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	844733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	326953	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	334009	58.72	ug/l	0.00
Spiked Amount			Recovery	=	117.44%	
35) Dibromofluoromethane	7.88	113	323485	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	
50) Toluene-d8	10.33	98	1085612	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
62) 4-Bromofluorobenzene	12.63	95	327918	38.00	ug/l	0.00
Spiked Amount			Recovery	=	76.00%	

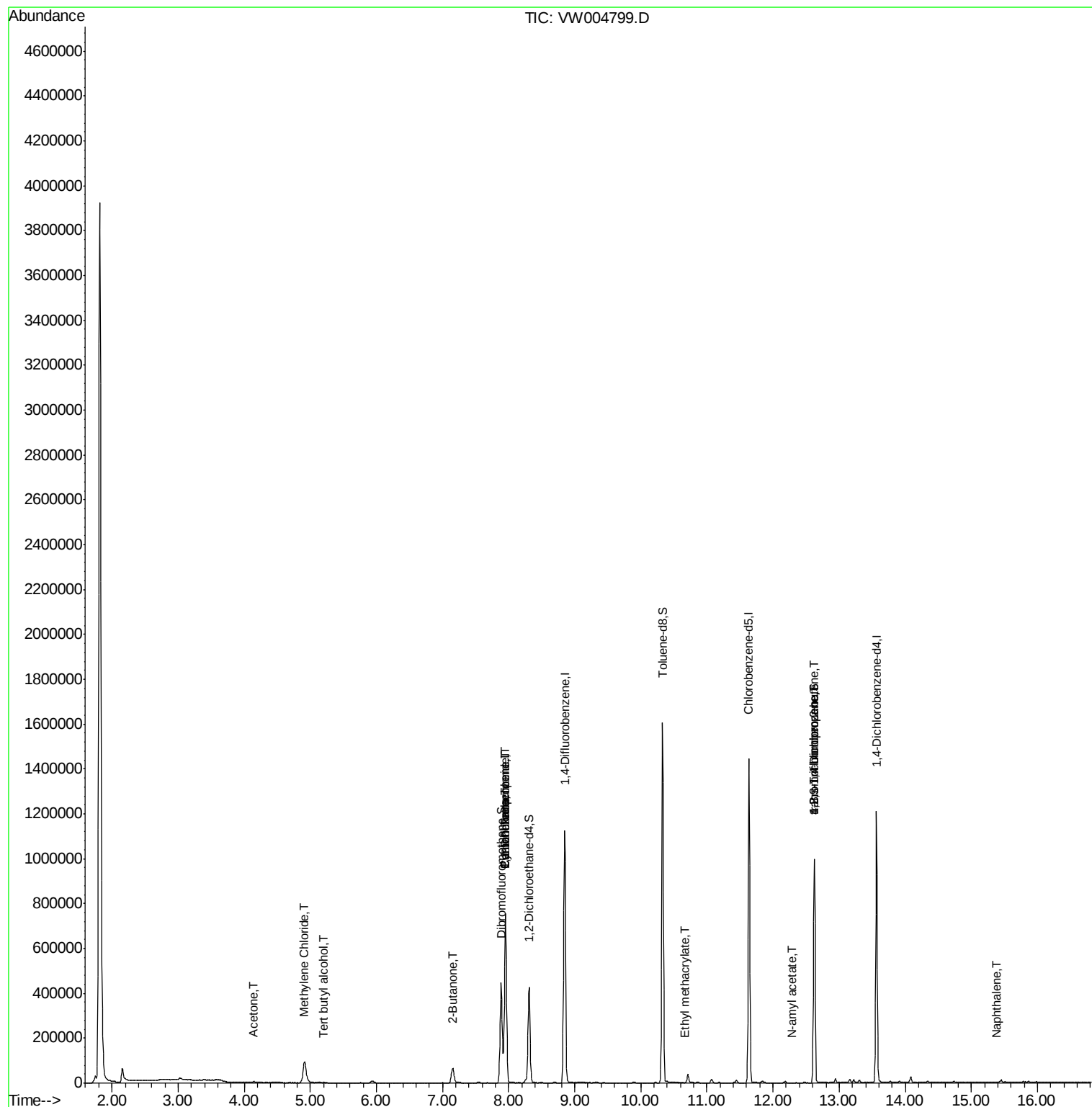
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	481	1.514	ug/l #	94
16) Acetone	4.14	43	7334	5.051	ug/l	92
20) Methylene Chloride	4.91	84	83425	9.048	ug/l	97
25) 2-Butanone	7.15	43	3569	1.725	ug/l #	62
31) Cyclohexane	7.95	56	11158	1.004	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	43662	4.408	ug/l #	49
38) Carbon Tetrachloride	7.95	117	54972	6.029	ug/l #	17
56) Ethyl methacrylate	10.66	69	55	2.988	ug/l #	10
74) N-amyl acetate	12.29	43	195	4.053	ug/l #	40
76) 1,2,3-Trichloropropane	12.62	75	156272	54.220	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	156272	126.023	ug/l #	14
95) Naphthalene	15.38	128	840	3.566	ug/l #	72

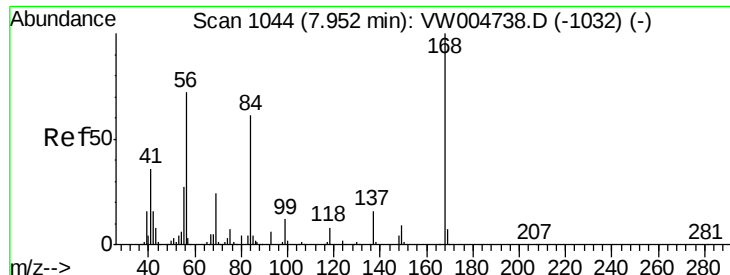
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082018\
Data File : VW004799.D
Acq On : 20 Aug 2018 18:45
Operator : SY/AP
Sample : J4499-03
Misc : 5.05G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LSB-03(0-1)

Quant Time: Aug 21 00:57:28 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: VW004799.D

Acq: 20 Aug 2018 18:45

Instrument :

MSVOA_W

ClientSampled :

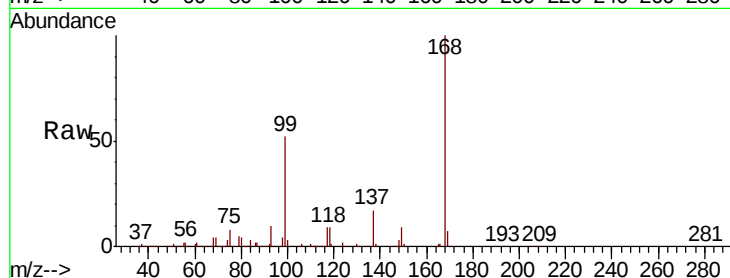
LSB-03(0-1)

Tgt Ion:168 Resp: 588358

Ion Ratio Lower Upper

168 100

99 52.2 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

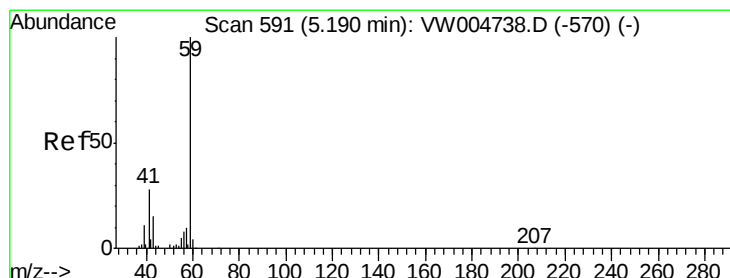
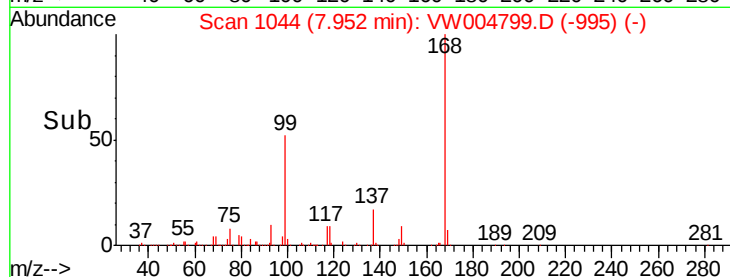
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.514 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW004799.D

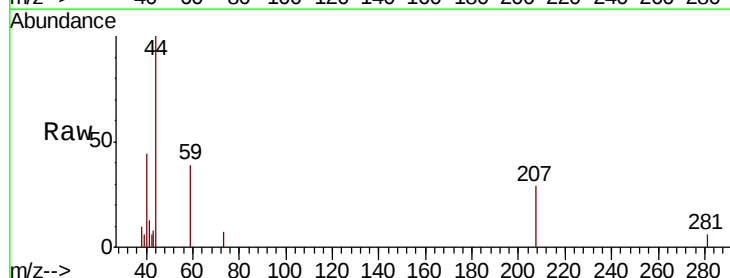
Acq: 20 Aug 2018 18:45

Tgt Ion: 59 Resp: 481

Ion Ratio Lower Upper

59 100

57 8.1 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

400

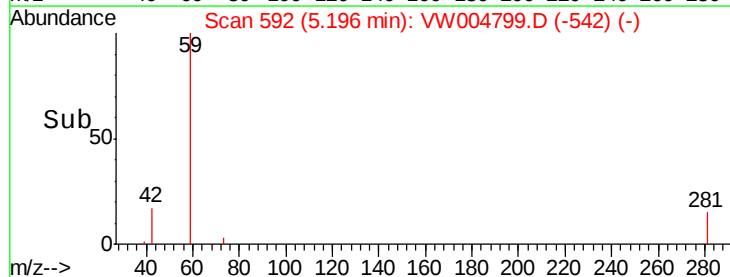
300

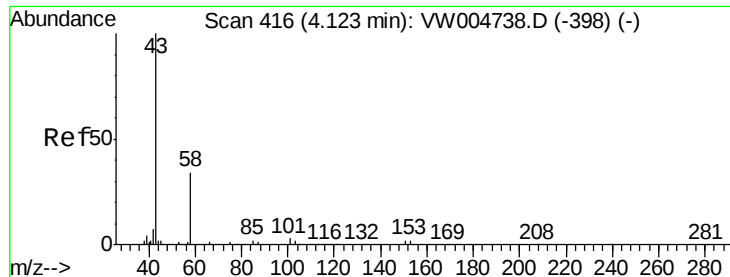
200

100

0

Time--> 5.16 5.18 5.20 5.22





#16

Acetone

Concen: 5.051 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

Instrument :

MSVOA_W

ClientSampled :

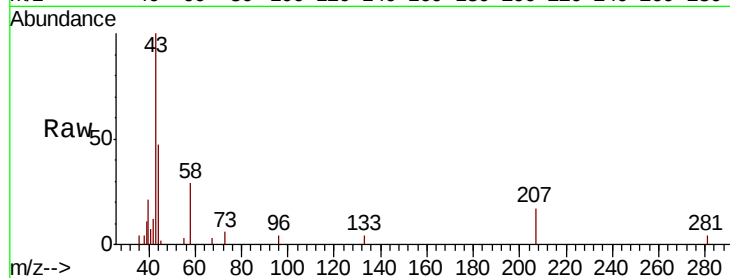
LSB-03(0-1)

Tgt Ion: 43 Resp: 7334

Ion Ratio Lower Upper

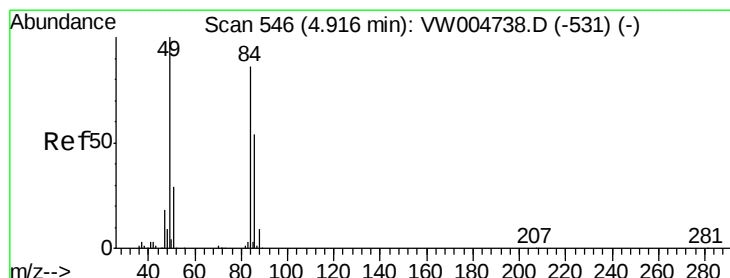
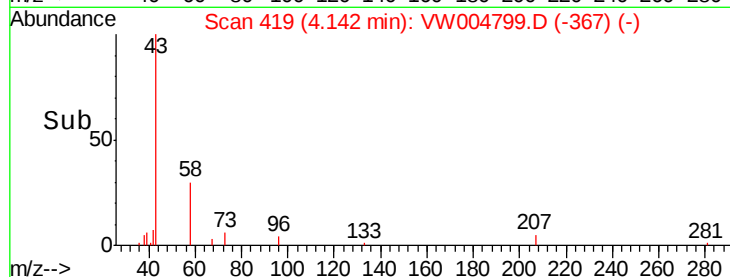
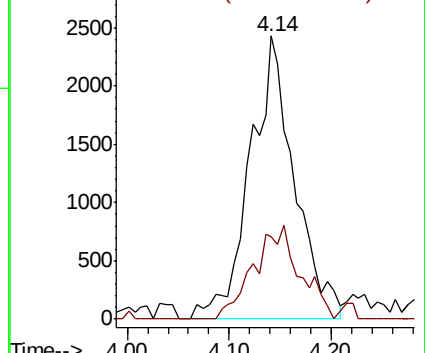
43 100

58 29.3 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 9.048 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

Tgt Ion: 84 Resp: 83425

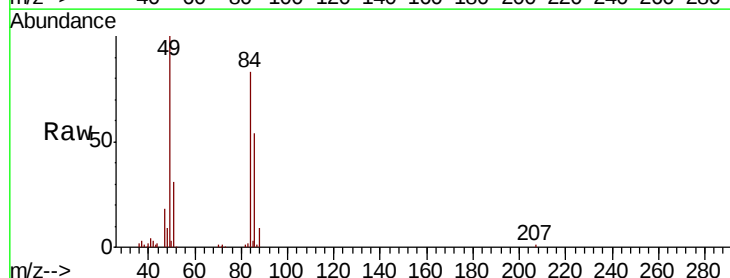
Ion Ratio Lower Upper

84 100

49 120.1 93.2 139.8

51 36.8 27.4 41.0

86 65.0 50.6 75.8

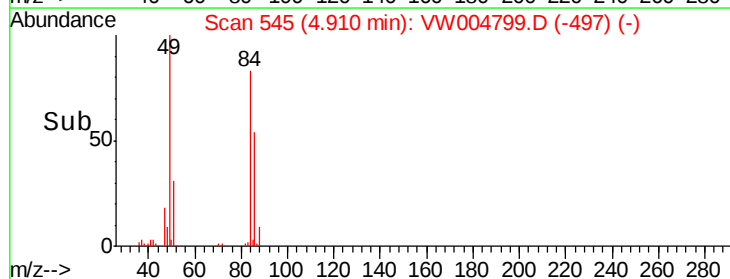
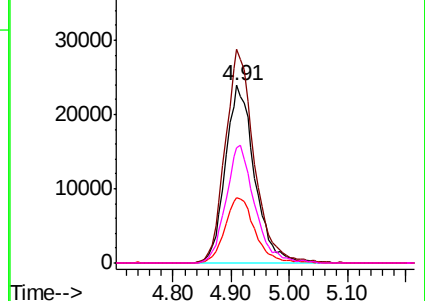


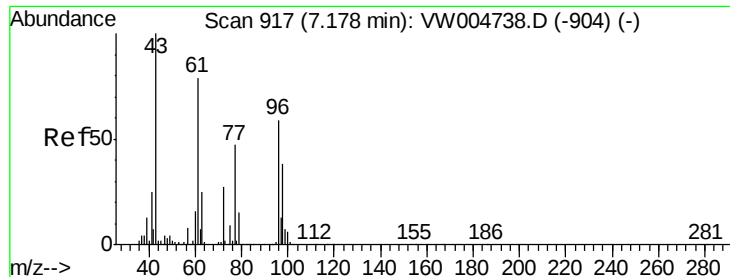
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

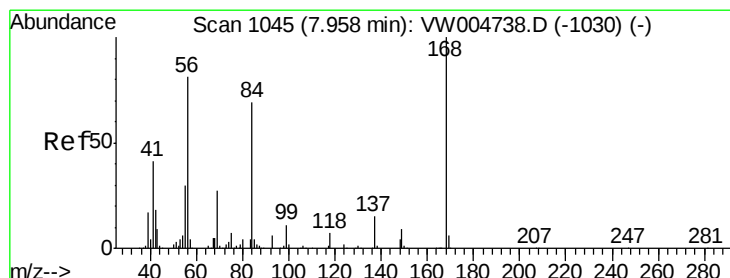
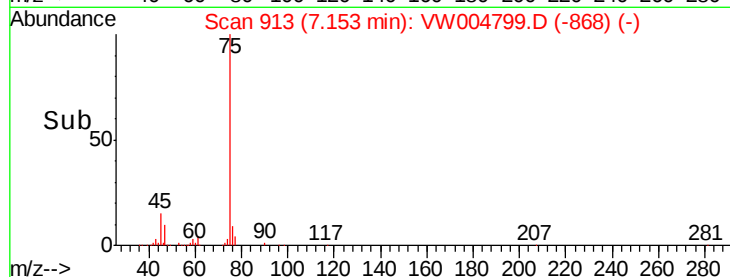
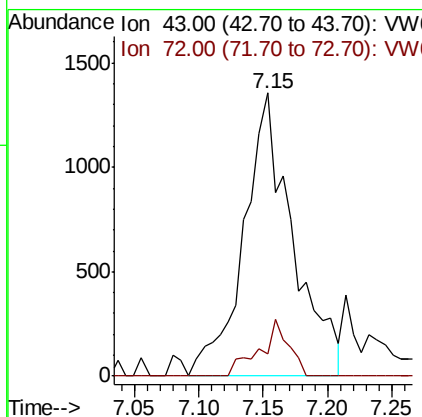
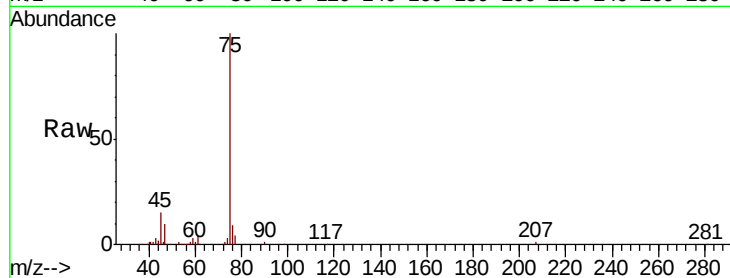




#25
2-Butanone
Concen: 1.725 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW004799.D
Acq: 20 Aug 2018 18:45

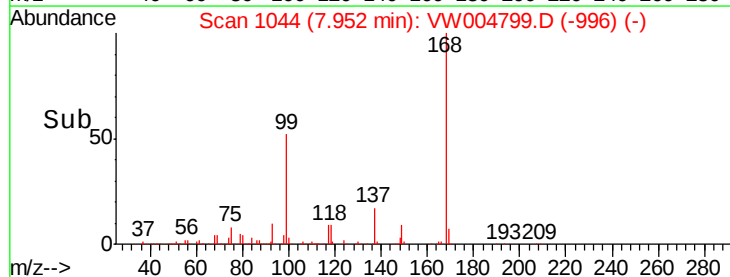
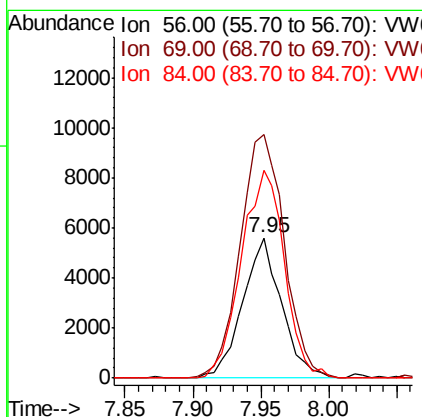
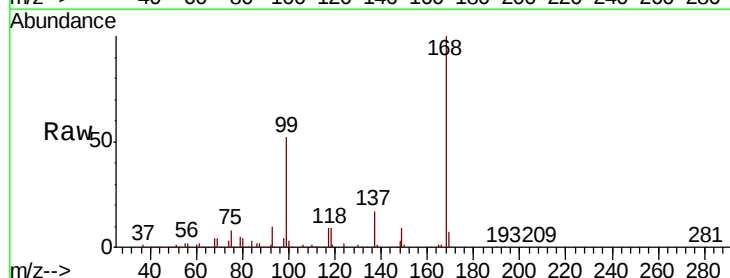
Instrument :
MSVOA_W
ClientSampleId :
LSB-03(0-1)

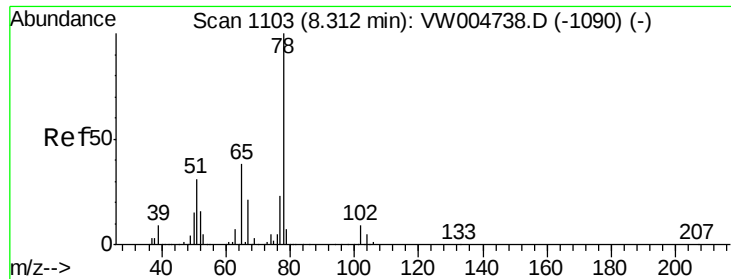
Tgt Ion: 43 Resp: 3569
Ion Ratio Lower Upper
43 100
72 7.7 22.0 33.0#



#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004799.D
Acq: 20 Aug 2018 18:45

Tgt Ion: 56 Resp: 11158
Ion Ratio Lower Upper
56 100
69 174.0 27.1 40.7#
84 148.7 68.3 102.5#

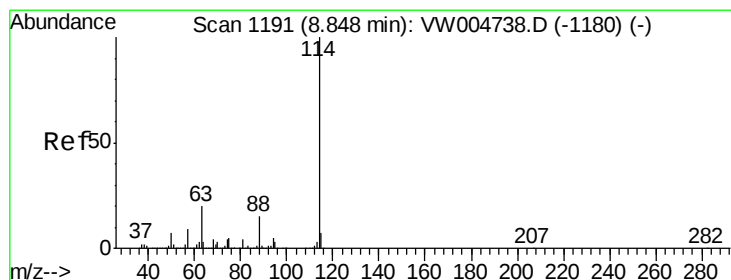
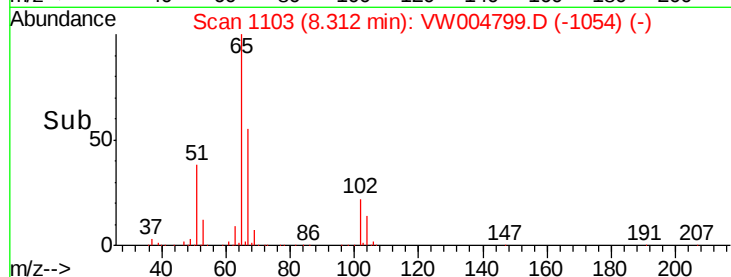
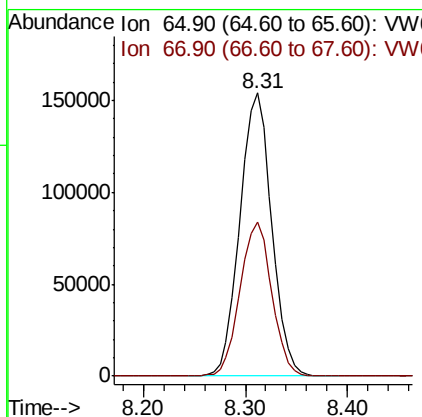
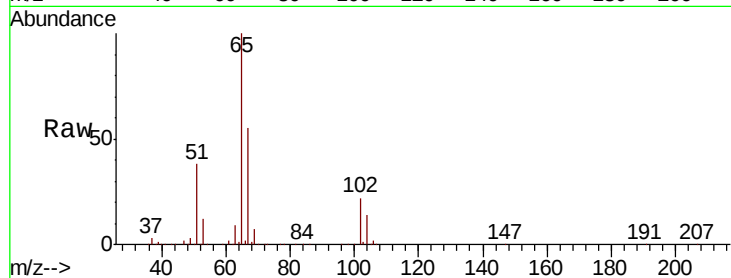




#33
 1,2-Dichloroethane-d4
 Concen: 58.719 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004799.D
 Acq: 20 Aug 2018 18:45

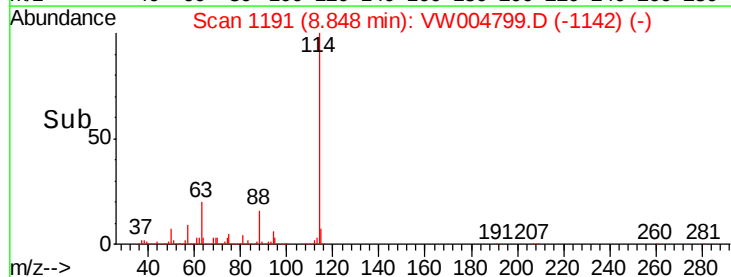
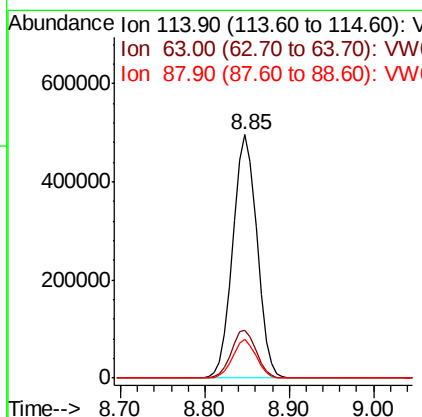
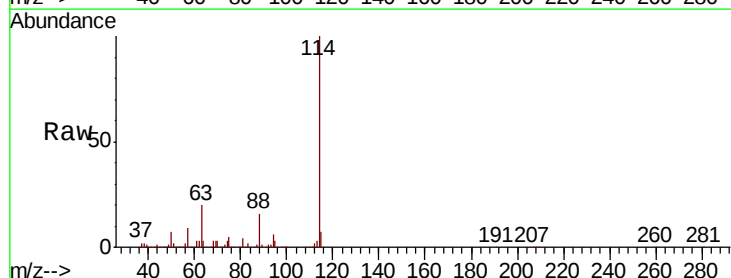
Instrument :
 MSVOA_W
 ClientSampled :
 LSB-03(0-1)

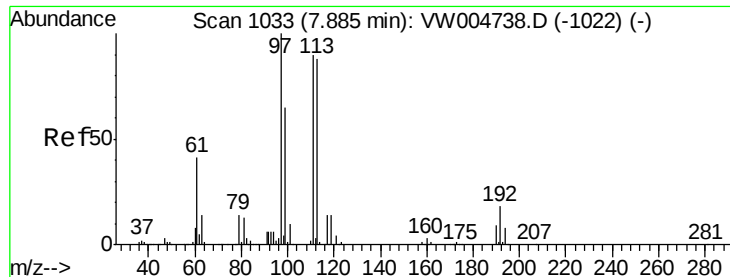
Tgt Ion: 65 Resp: 334009
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004799.D
 Acq: 20 Aug 2018 18:45

Tgt Ion: 114 Resp: 961534
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 16.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.638 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

LSB-03(0-1)

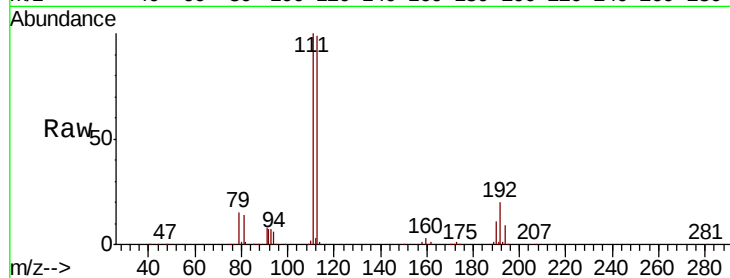
Tgt Ion: 113 Resp: 323485

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

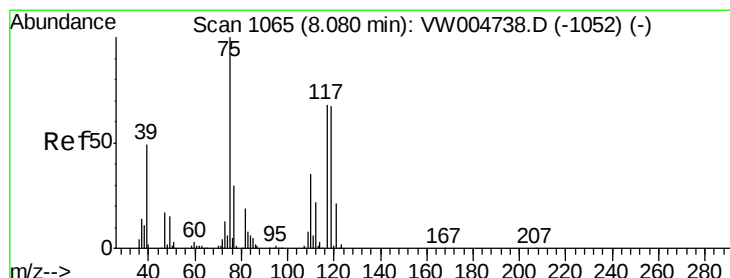
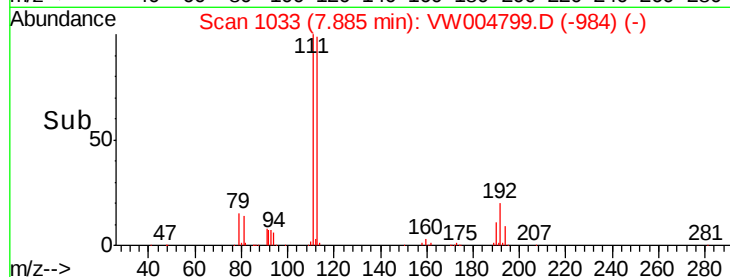
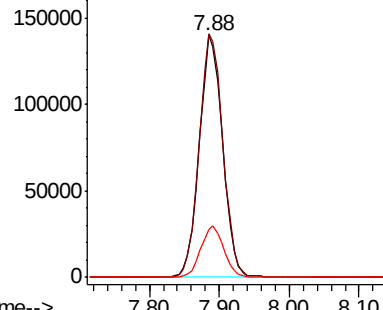
192 21.0 16.7 25.1



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: 4.408 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

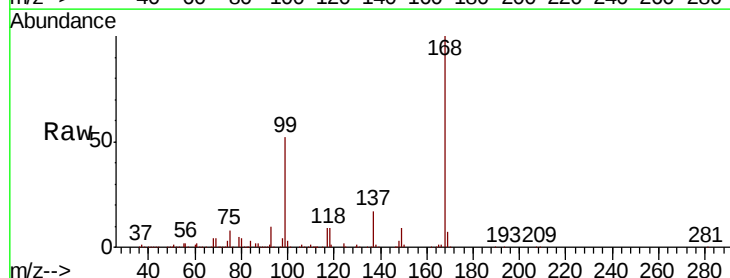
Tgt Ion: 75 Resp: 43662

Ion Ratio Lower Upper

75 100

110 9.0 17.8 53.5#

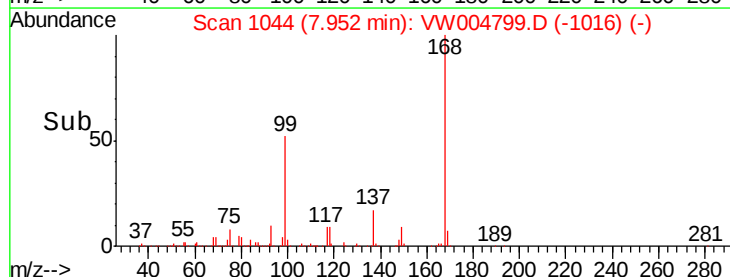
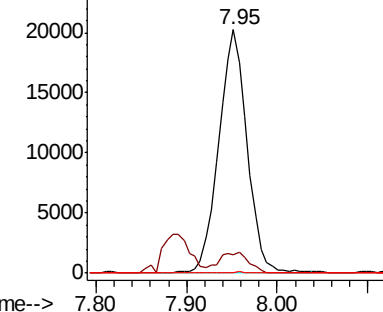
77 0.1 24.9 37.3#

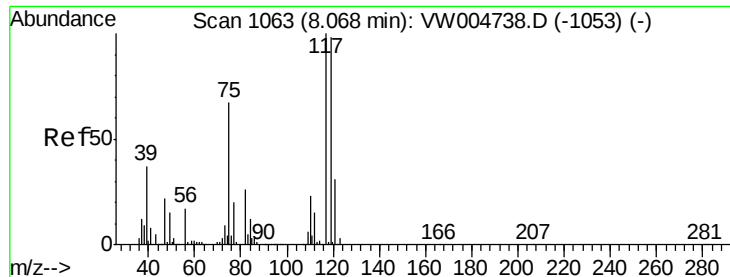


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.029 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

LSB-03(0-1)

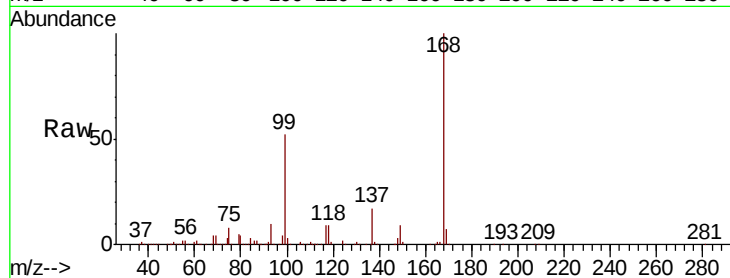
Tgt Ion:117 Resp: 54972

Ion Ratio Lower Upper

117 100

119 7.4 78.0 117.0#

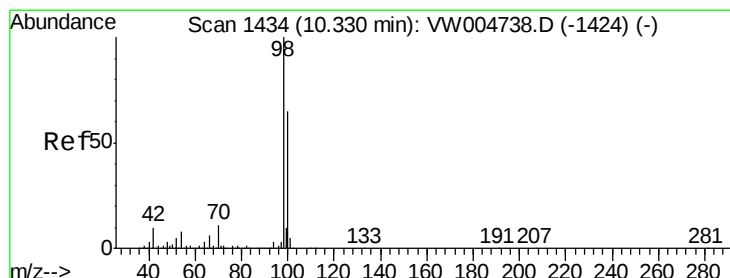
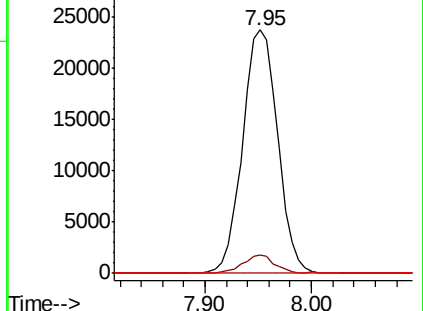
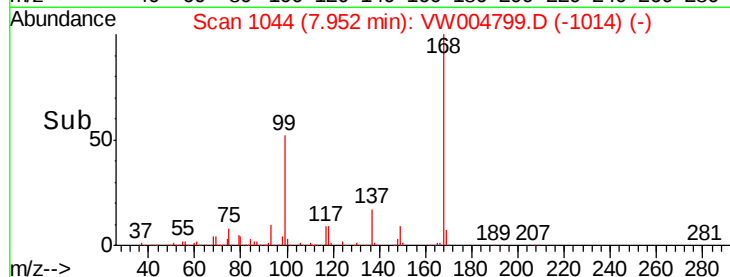
121 0.0 24.8 37.2#



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: 45.254 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004799.D

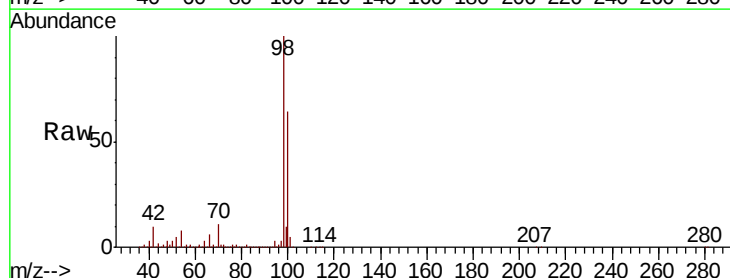
Acq: 20 Aug 2018 18:45

Tgt Ion: 98 Resp: 1085612

Ion Ratio Lower Upper

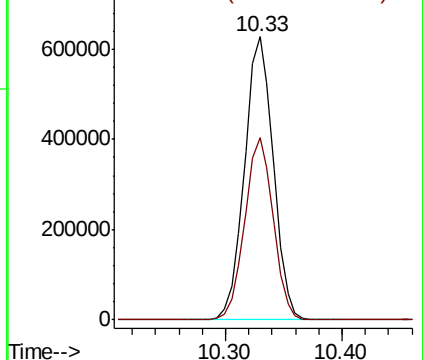
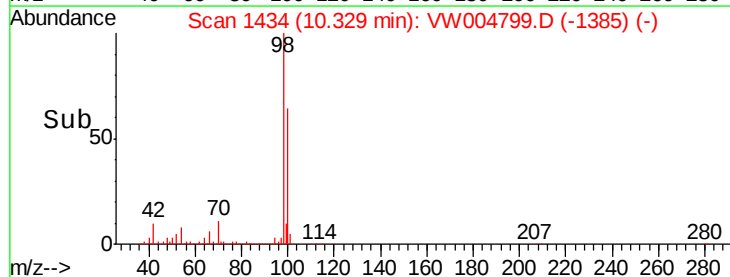
98 100

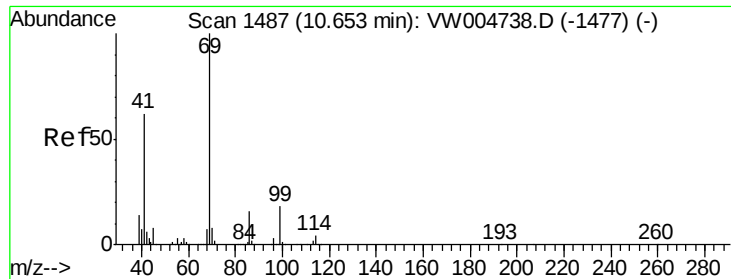
100 63.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 2.988 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

LSB-03(0-1)

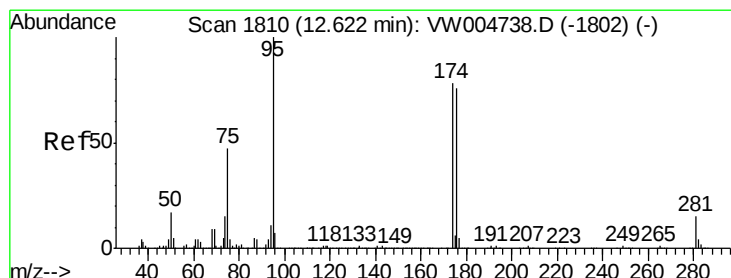
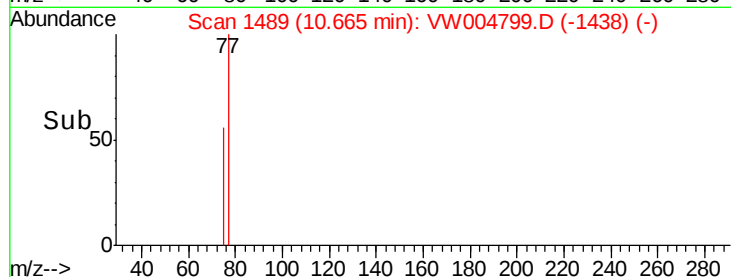
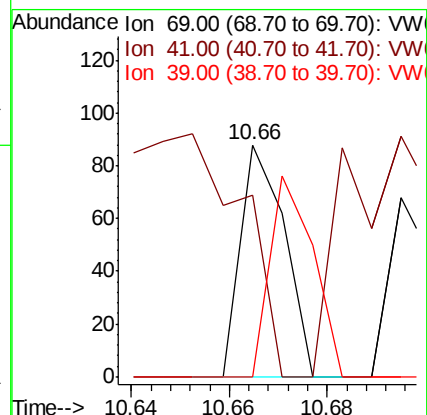
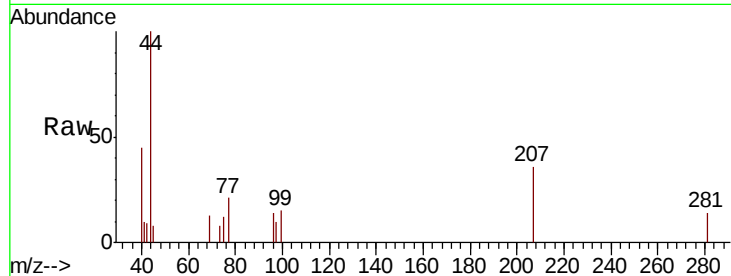
Tgt Ion: 69 Resp: 55

Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

39 83.6 21.4 32.2#



#62

4-Bromofluorobenzene

Concen: 37.995 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

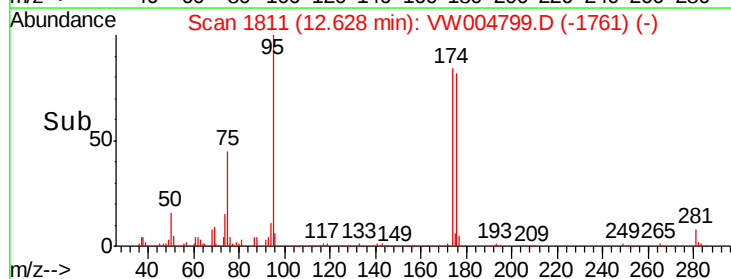
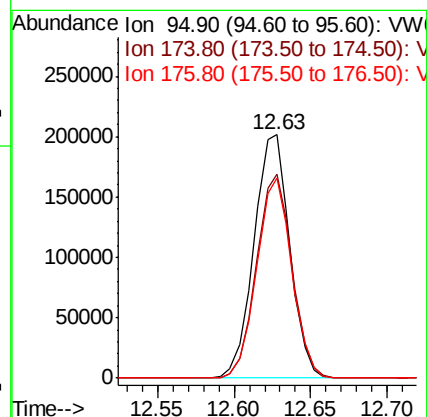
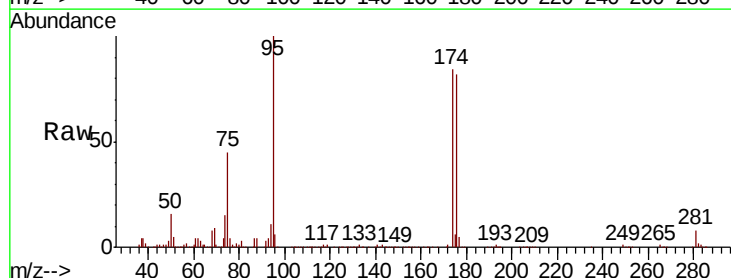
Tgt Ion: 95 Resp: 327918

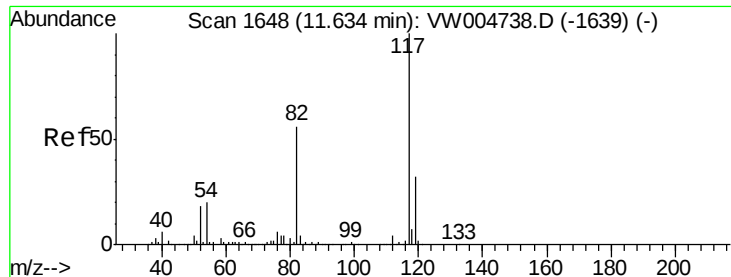
Ion Ratio Lower Upper

95 100

174 83.5 0.0 165.8

176 80.6 0.0 159.8

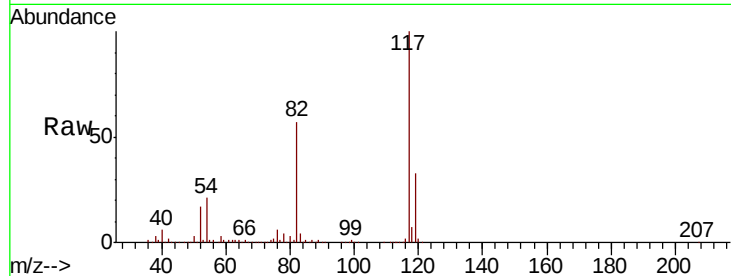




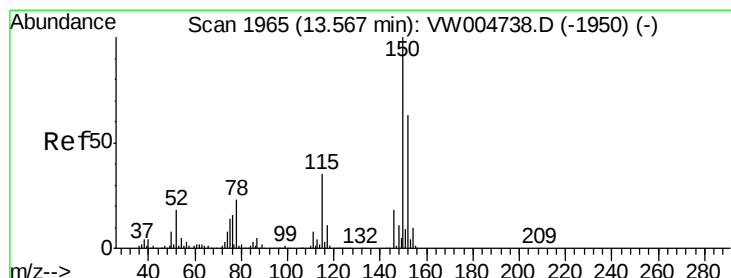
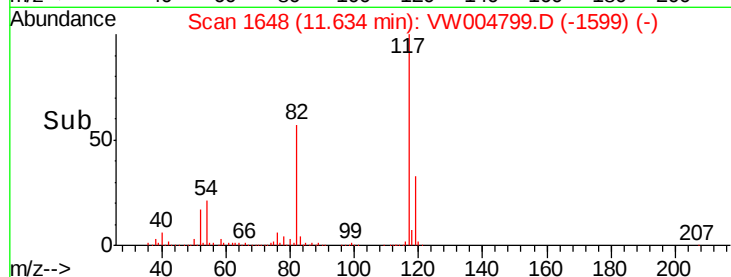
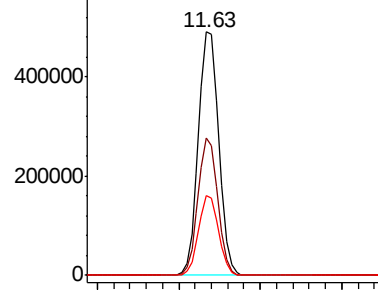
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004799.D
Acq: 20 Aug 2018 18:45

Instrument :
MSVOA_W
ClientSampleId :
LSB-03(0-1)

Tgt Ion:117 Resp: 844733
Ion Ratio Lower Upper
117 100
82 56.5 44.6 67.0
119 32.8 25.6 38.4

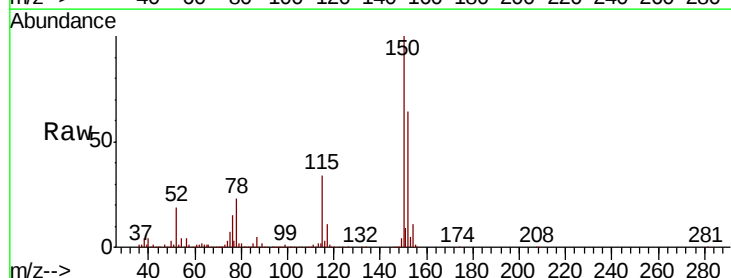


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

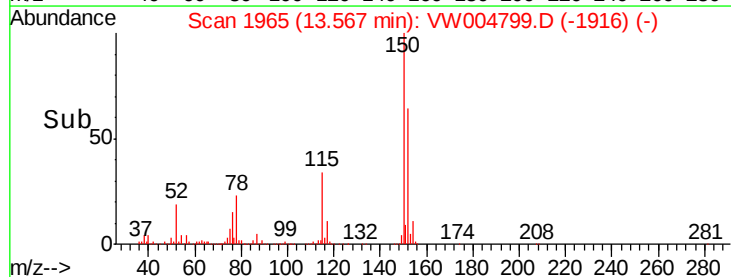
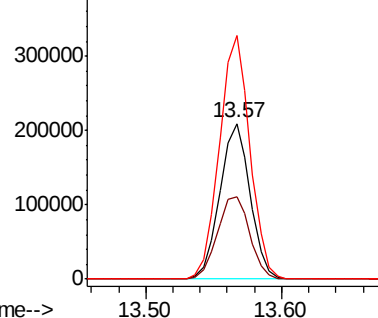


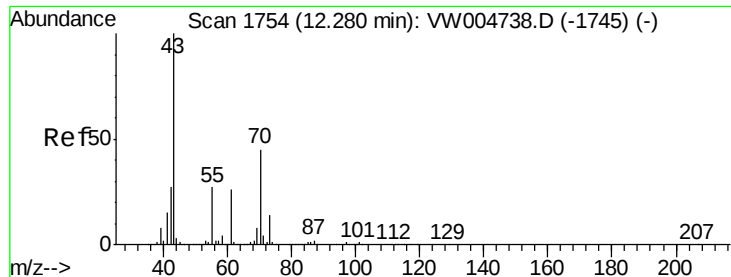
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004799.D
Acq: 20 Aug 2018 18:45

Tgt Ion:152 Resp: 326953
Ion Ratio Lower Upper
152 100
115 56.5 28.5 85.5
150 157.4 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

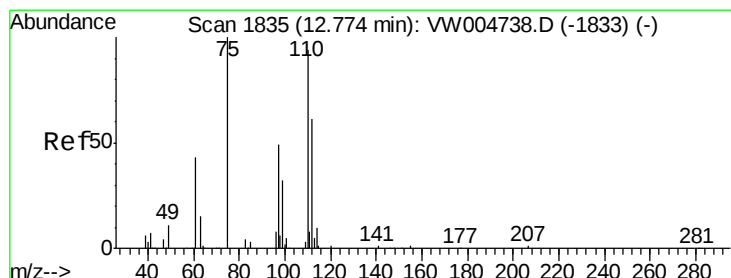
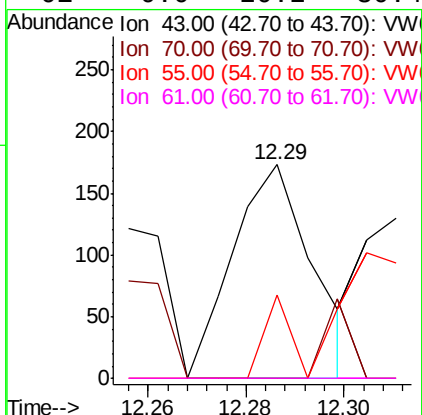
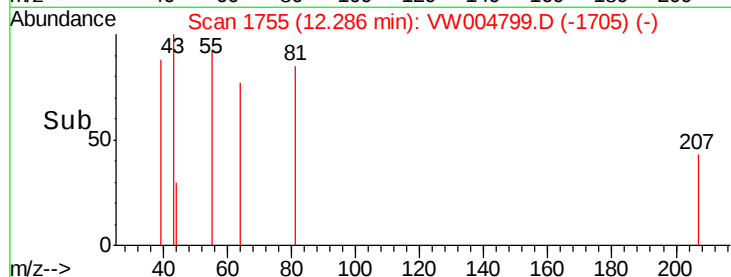
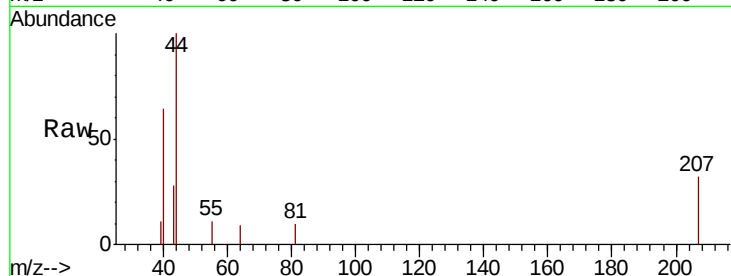




#74
N-amyI acetate
Concen: 4.053 ug/l
RT: 12.29 min Scan# 1755
Delta R.T. 0.01 min
Lab File: VW004799.D
Acq: 20 Aug 2018 18:45

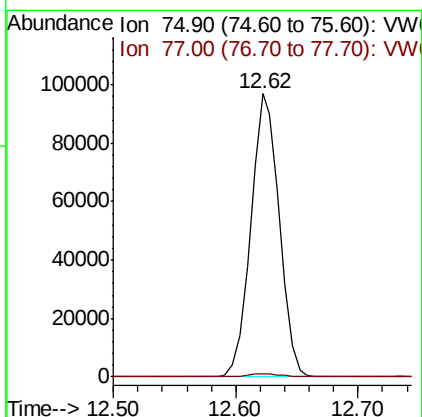
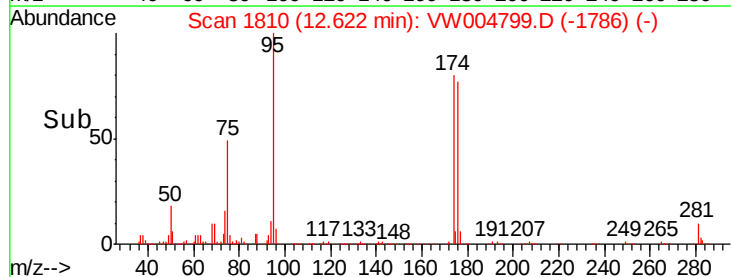
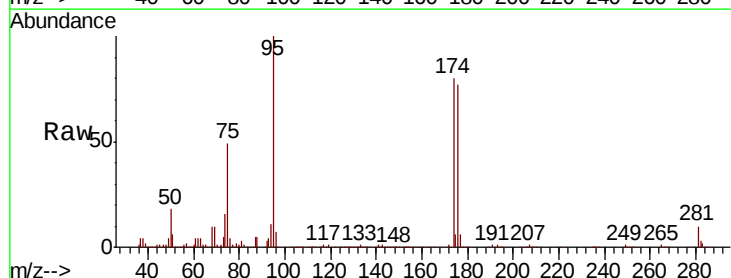
Instrument :
MSVOA_W
ClientSampleId :
LSB-03(0-1)

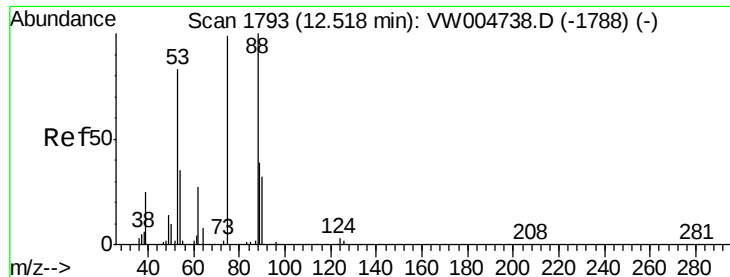
Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
70 0.0 36.3 54.5#
55 0.0 22.6 33.8#
61 0.0 20.2 30.4#



#76
1,2,3-Trichloropropane
Concen: 54.220 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004799.D
Acq: 20 Aug 2018 18:45

Tgt Ion: 75 Resp: 156272
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 126.023 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

LSB-03(0-1)

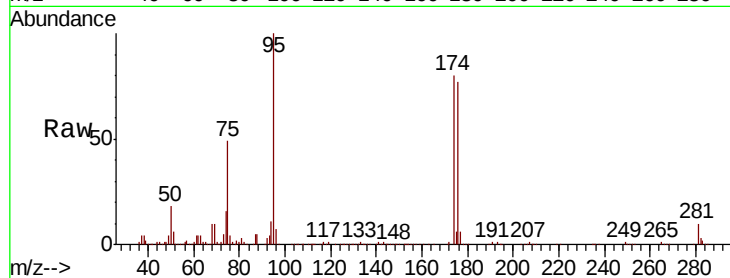
Tgt Ion: 75 Resp: 156272

Ion Ratio Lower Upper

75 100

53 0.3 72.2 108.4#

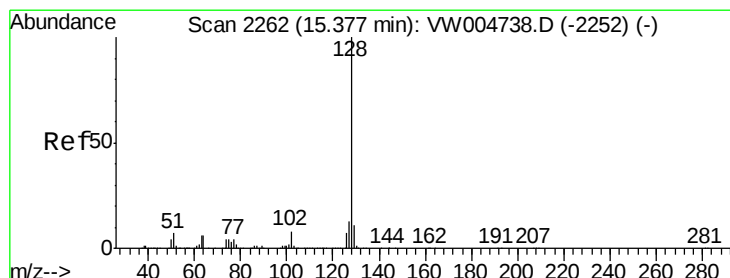
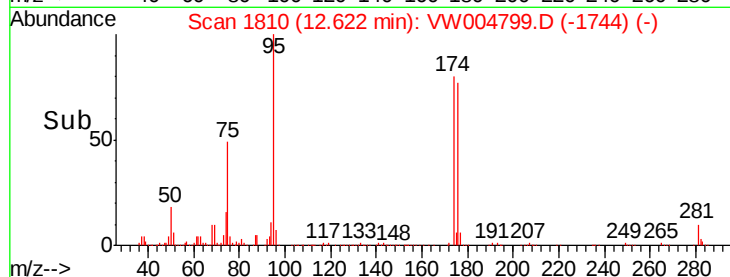
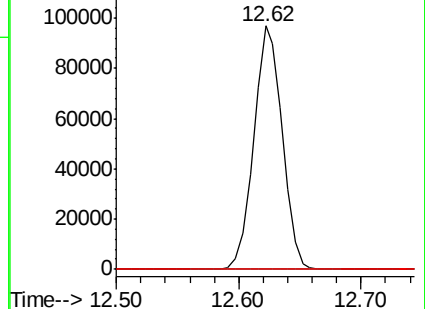
89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#95

Naphthalene

Concen: 3.566 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004799.D

Acq: 20 Aug 2018 18:45

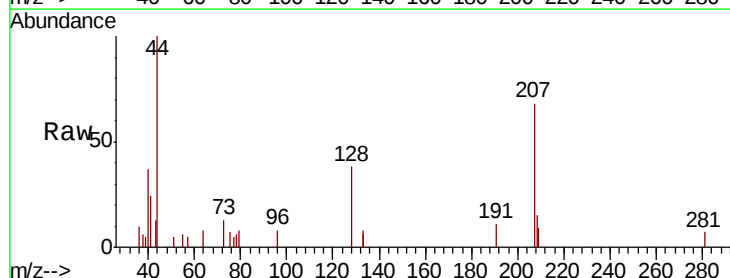
Tgt Ion: 128 Resp: 840

Ion Ratio Lower Upper

128 100

127 2.4 10.4 15.6#

129 0.0 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

