

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
 Data File : VW012750.D
 Acq On : 08 Sep 2019 06:15
 Operator : SY/VA
 Sample : K4636-01
 Misc : 5.09G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-40-6.5-7.0

Quant Time: Sep 09 04:06:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	117365	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	157842	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	7.88	113	116763	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	10.32	98	473766	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.62	95	136565	40.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.18%	

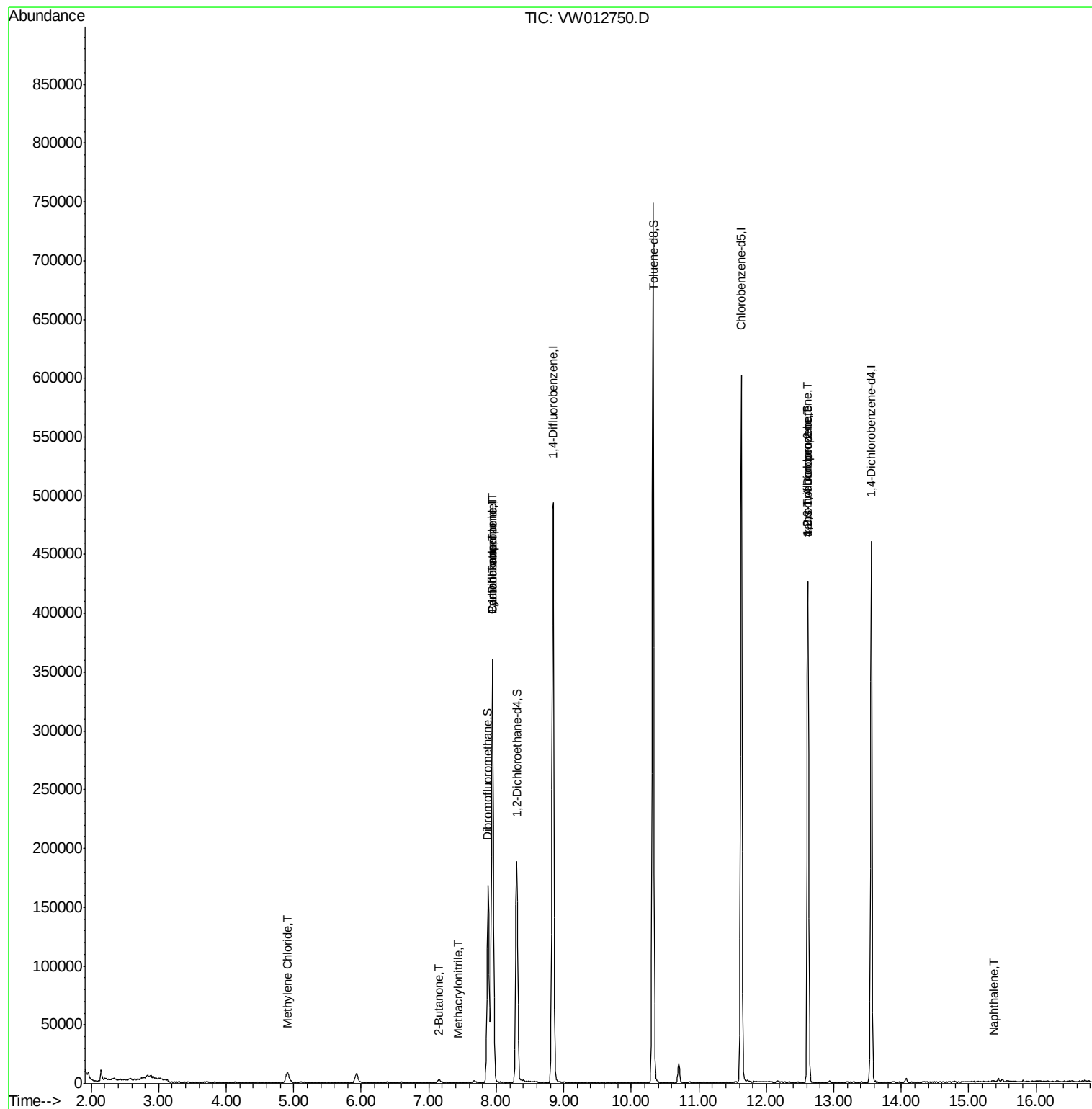
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	6460	2.624	ug/l	93
25) 2-Butanone	7.15	43	106	19.765	ug/l #	53
31) Cyclohexane	7.95	56	5477	1.291	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20909	5.842	ug/l #	53
38) Carbon Tetrachloride	7.95	117	26315	7.458	ug/l #	16
41) Methacrylonitrile	7.45	41	162	3.935	ug/l #	35
76) 1,2,3-Trichloropropane	12.62	75	76594	63.823	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76594	134.989	ug/l #	6
95) Naphthalene	15.37	128	407	4.514	ug/l #	69

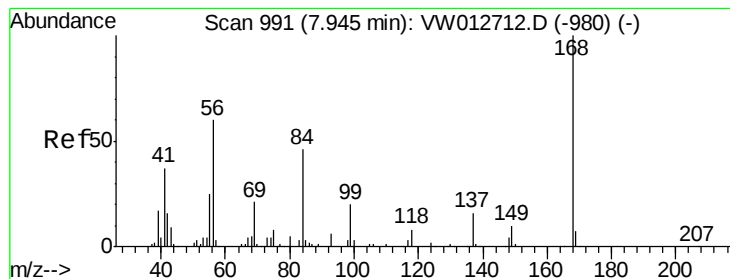
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

Instrument :

MSVOA_W

ClientSampleId :

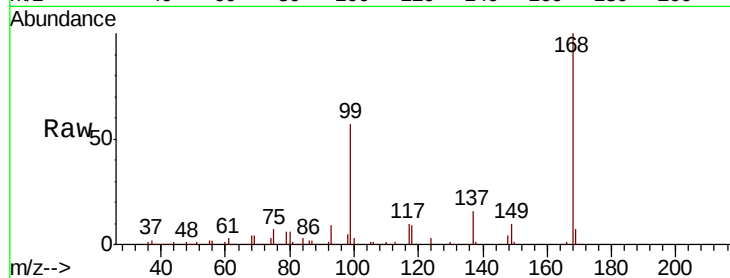
SB-40-6.5-7.0

Tgt Ion:168 Resp: 258310

Ion Ratio Lower Upper

168 100

99 57.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

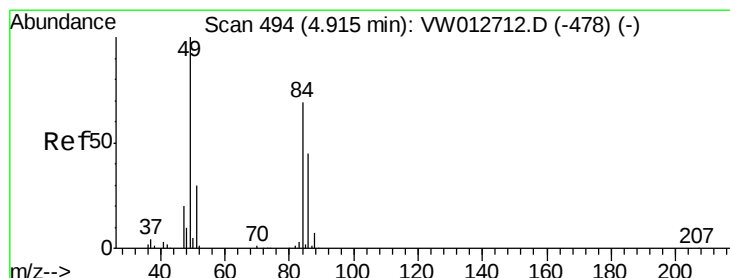
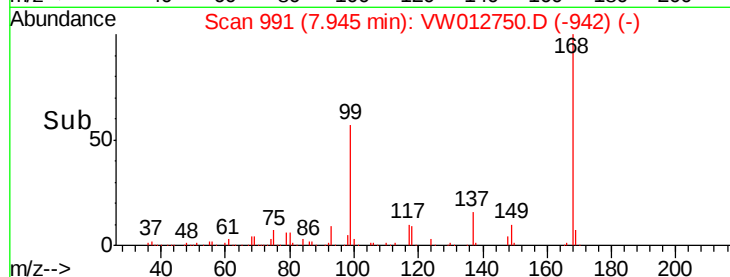
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 2.624 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

Tgt Ion: 84 Resp: 6460

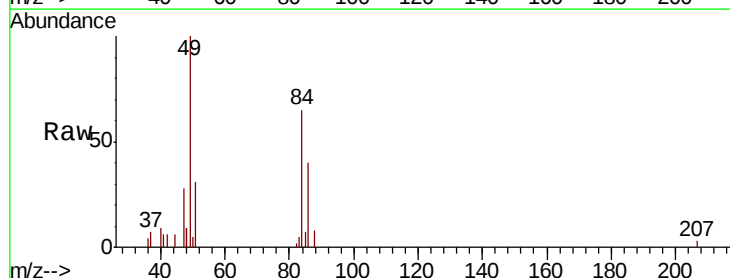
Ion Ratio Lower Upper

84 100

49 153.6 115.4 173.0

51 47.4 34.9 52.3

86 61.0 52.2 78.4



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

4000

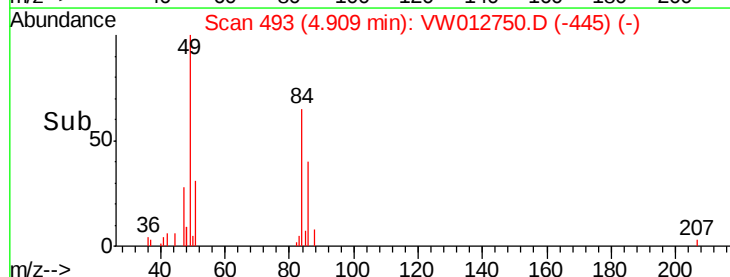
3000

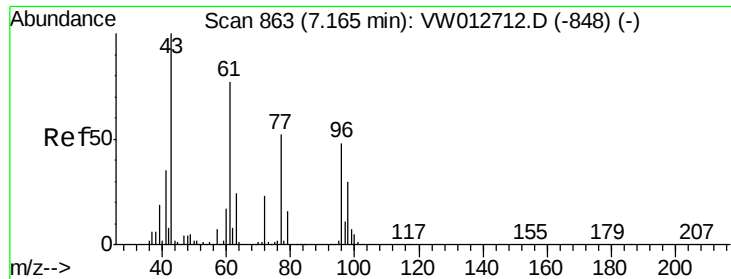
2000

1000

0

Time--> 4.80 4.90 5.00





#25

2-Butanone

Concen: 19.765 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

Instrument :

MSVOA_W

ClientSampled :

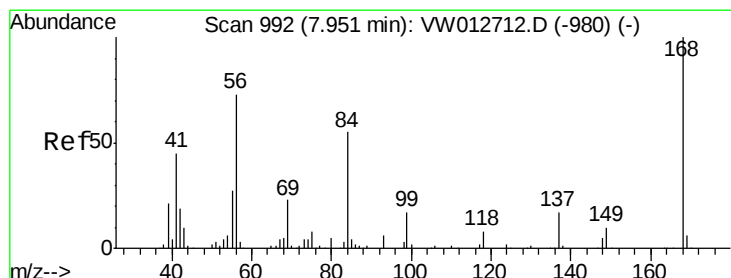
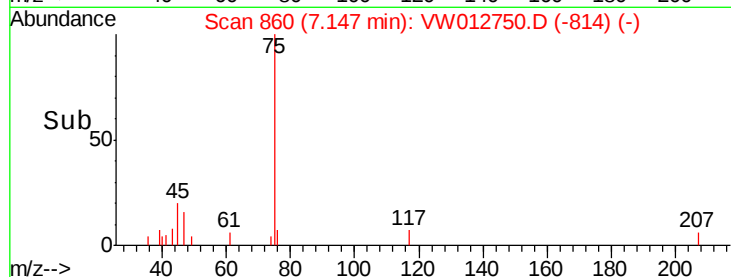
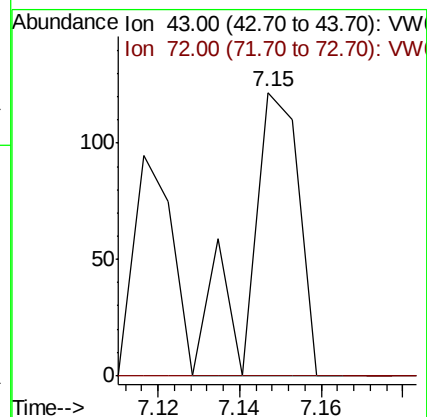
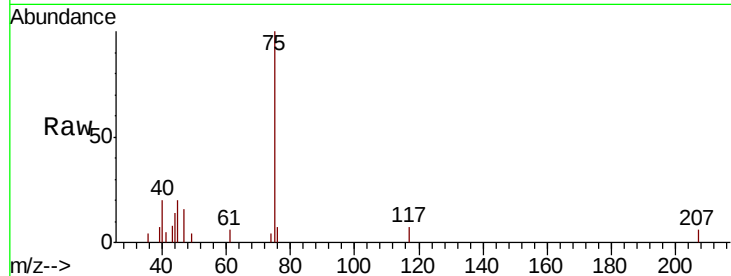
SB-40-6.5-7.0

Tgt Ion: 43 Resp: 106

Ion Ratio Lower Upper

43 100

72 0.0 18.0 27.0#



#31

Cyclohexane

Concen: 1.291 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

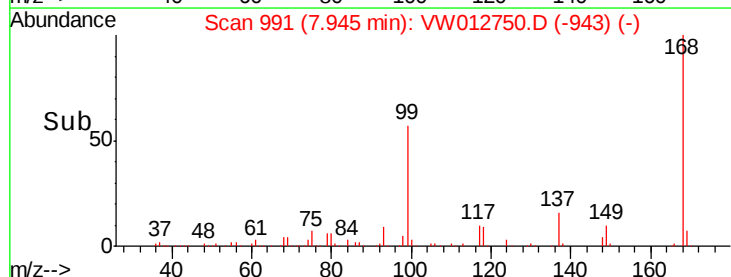
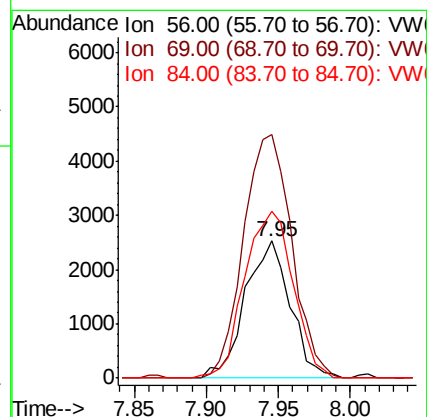
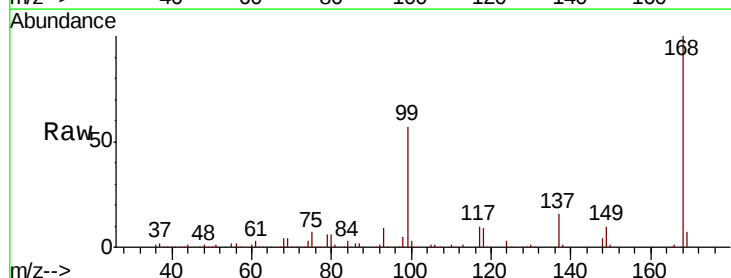
Tgt Ion: 56 Resp: 5477

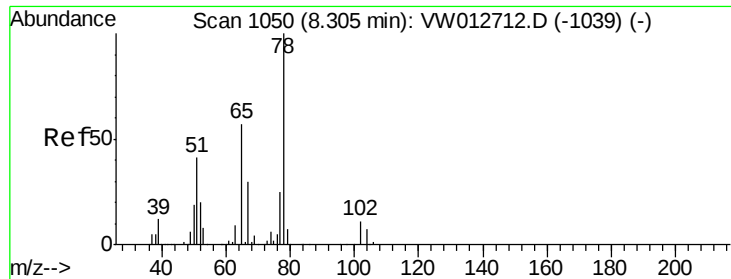
Ion Ratio Lower Upper

56 100

69 177.9 25.7 38.5#

84 122.2 60.4 90.6#

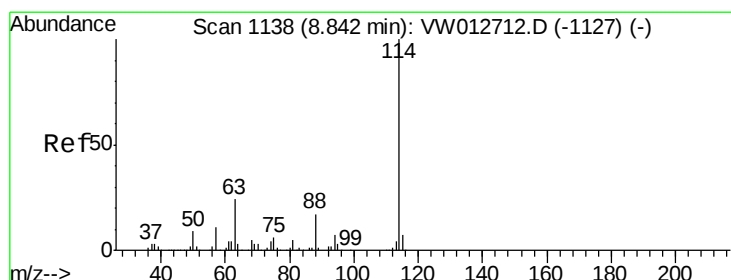
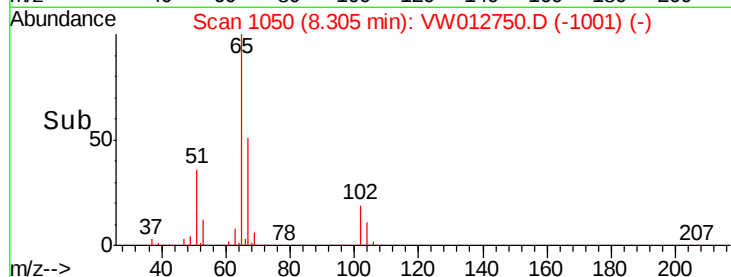
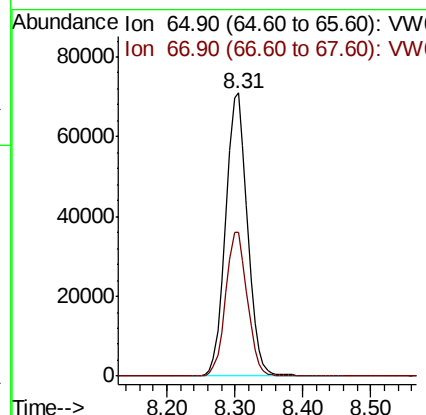
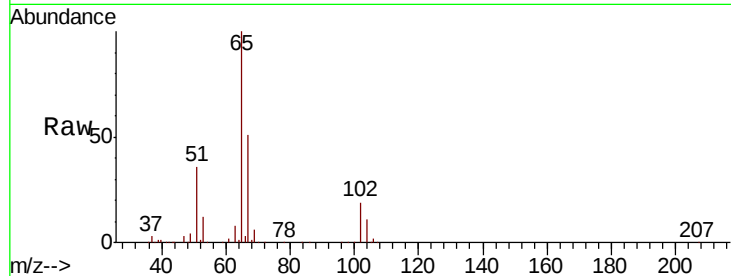




#33
 1,2-Dichloroethane-d4
 Concen: 54.689 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012750.D
 Acq: 08 Sep 2019 06:15

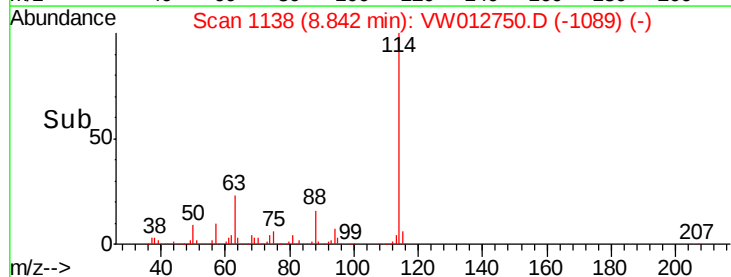
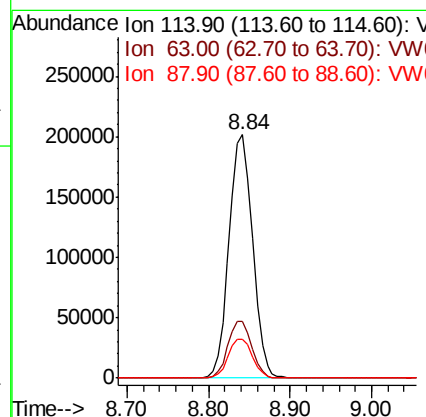
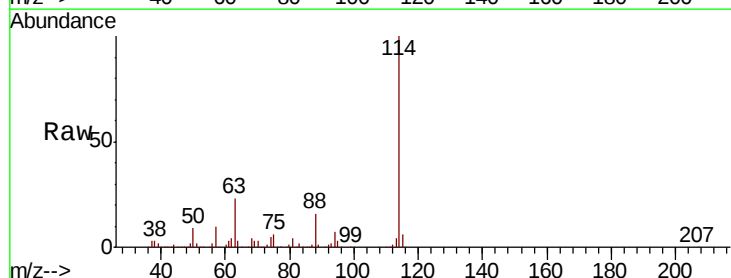
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-40-6.5-7.0

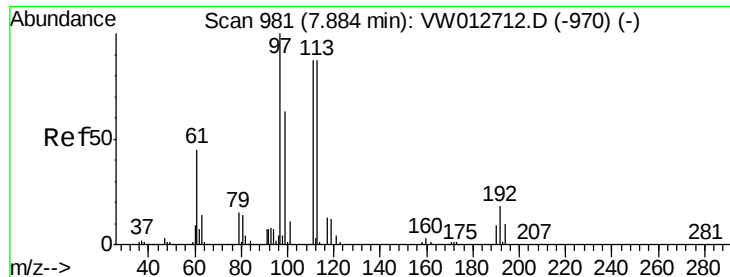
Tgt Ion: 65 Resp: 157842
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012750.D
 Acq: 08 Sep 2019 06:15

Tgt Ion: 114 Resp: 402843
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.2
 88 15.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 48.753 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

Instrument :

MSVOA_W

ClientSampleId :

SB-40-6.5-7.0

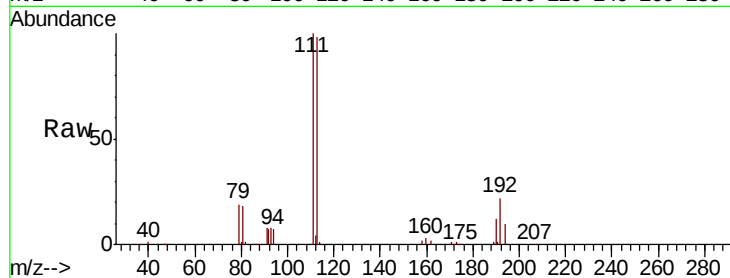
Tgt Ion:113 Resp: 116763

Ion Ratio Lower Upper

113 100

111 104.2 80.2 120.4

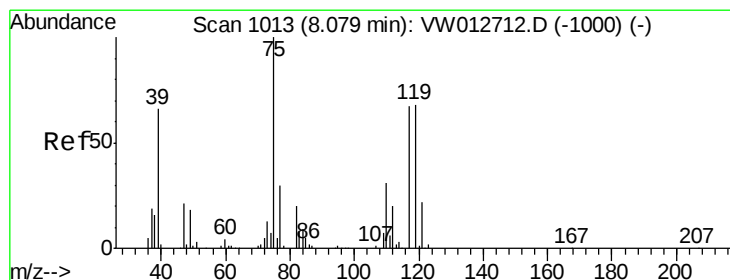
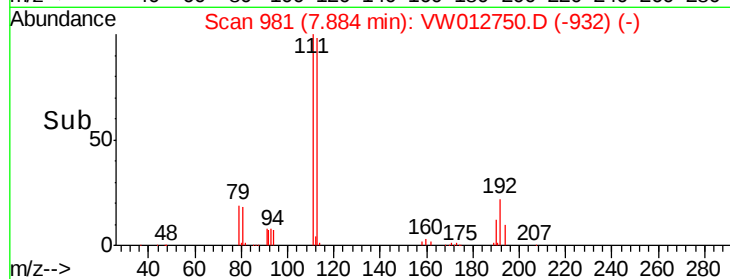
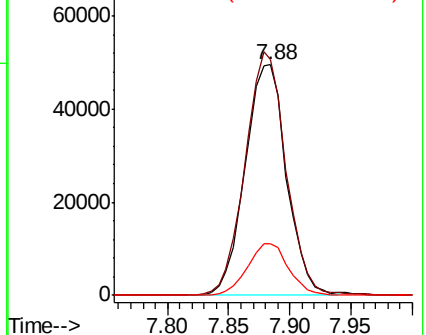
192 22.4 17.3 25.9



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: 5.842 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

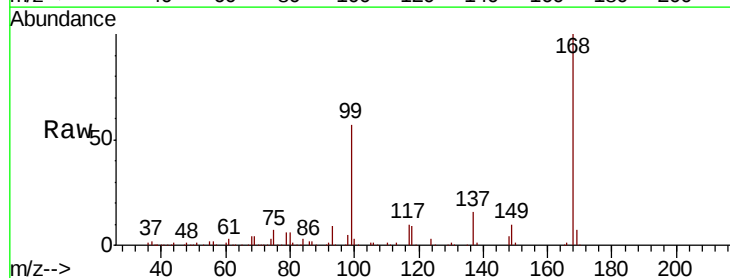
Tgt Ion: 75 Resp: 20909

Ion Ratio Lower Upper

75 100

110 10.9 15.9 47.7#

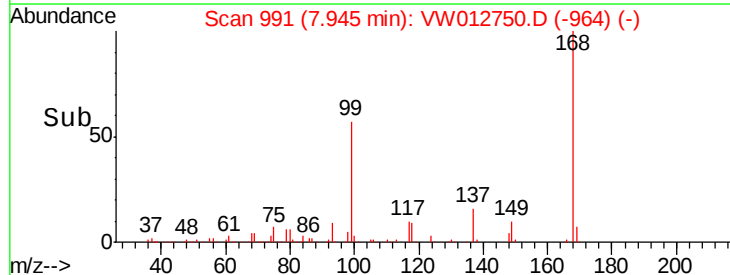
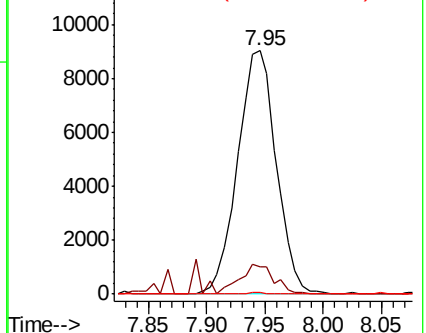
77 0.2 25.0 37.4#

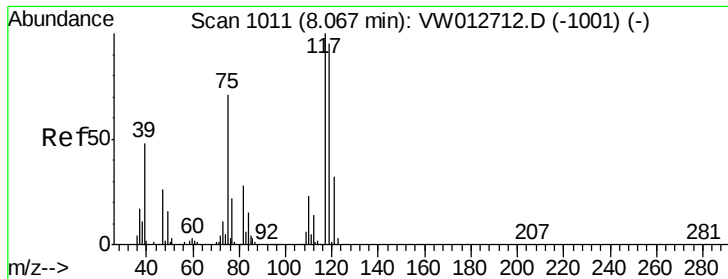


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

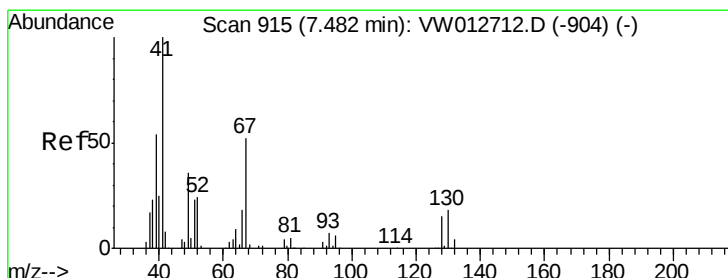
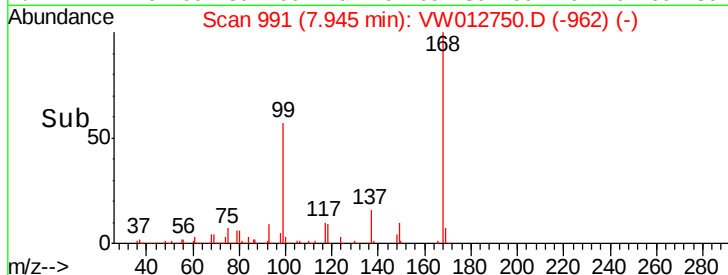
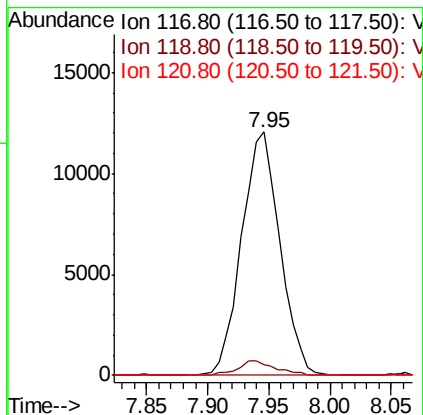
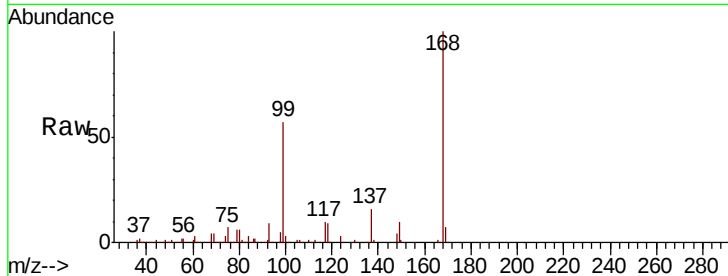




#38
Carbon Tetrachloride
Concen: 7.458 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012750.D
Acq: 08 Sep 2019 06:15

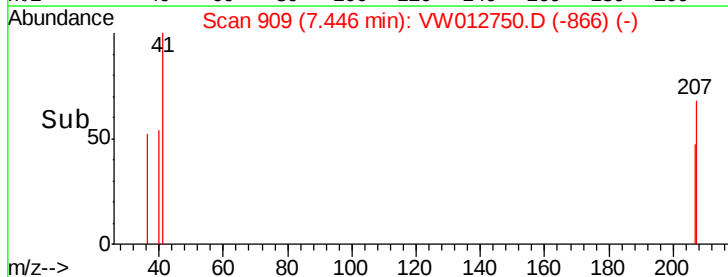
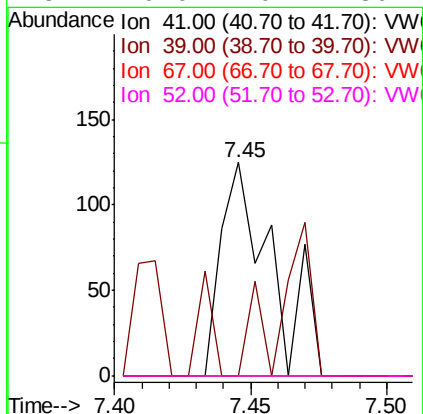
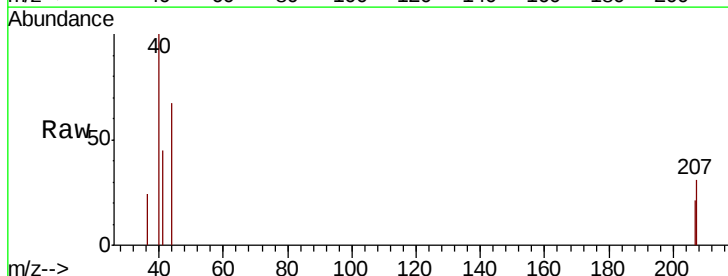
Instrument :
MSVOA_W
ClientSampleId :
SB-40-6.5-7.0

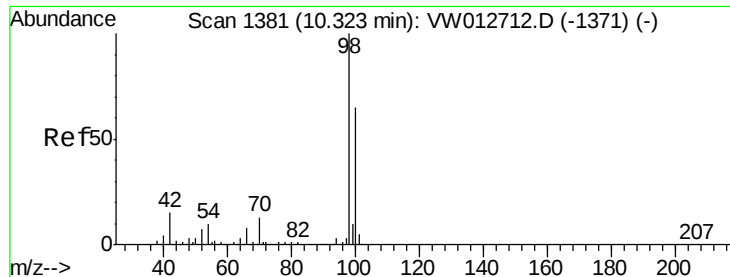
Tgt Ion:117 Resp: 26315
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 25.4 38.2#



#41
Methacrylonitrile
Concen: 3.935 ug/l
RT: 7.45 min Scan# 909
Delta R.T. -0.04 min
Lab File: VW012750.D
Acq: 08 Sep 2019 06:15

Tgt Ion: 41 Resp: 162
Ion Ratio Lower Upper
41 100
39 13.6 47.5 71.3#
67 0.0 45.1 67.7#
52 0.0 20.2 30.2#





#50

Toluene-d8

Concen: 50.491 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

Instrument :

MSVOA_W

ClientSampleId :

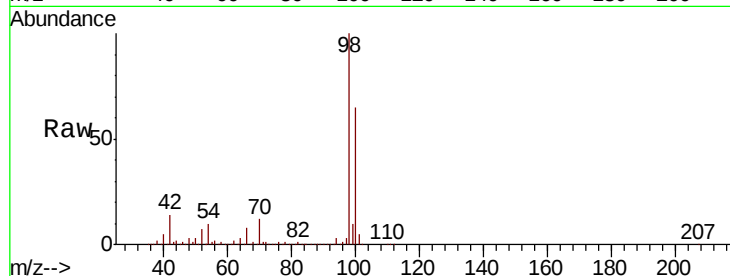
SB-40-6.5-7.0

Tgt Ion: 98 Resp: 473766

Ion Ratio Lower Upper

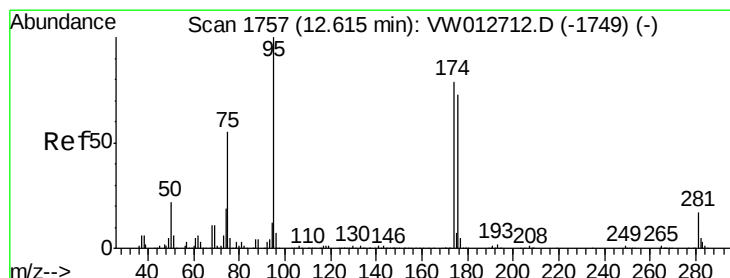
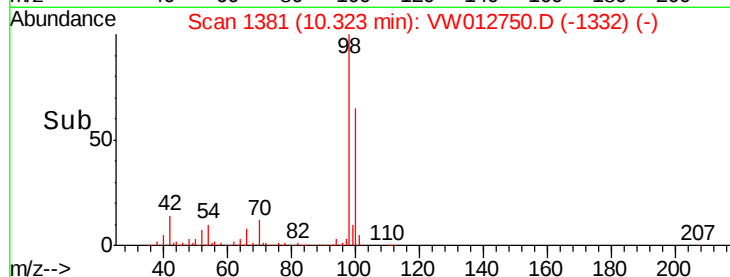
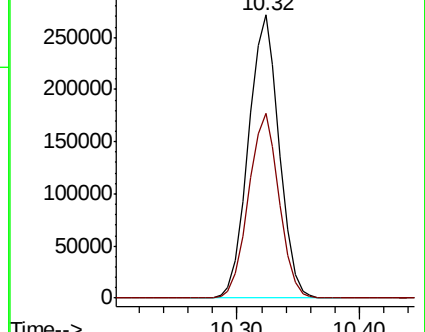
98 100

100 64.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 40.091 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

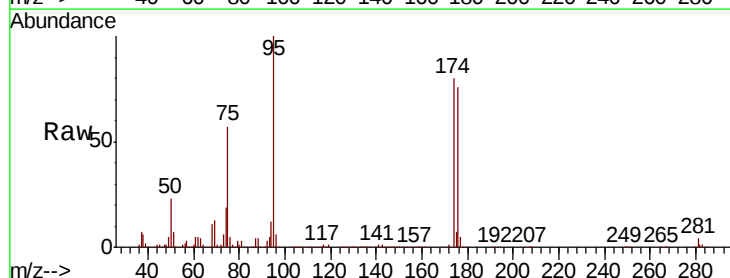
Tgt Ion: 95 Resp: 136565

Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.0

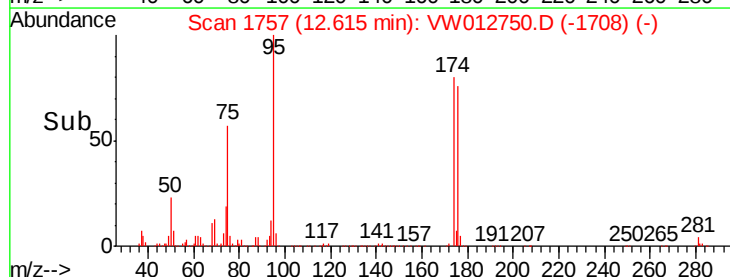
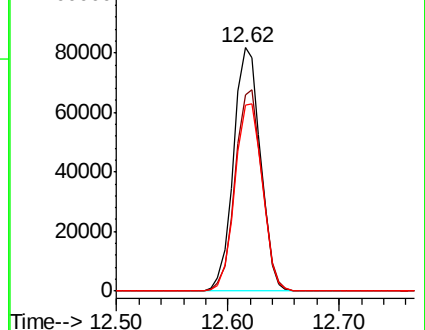
176 79.0 0.0 156.4

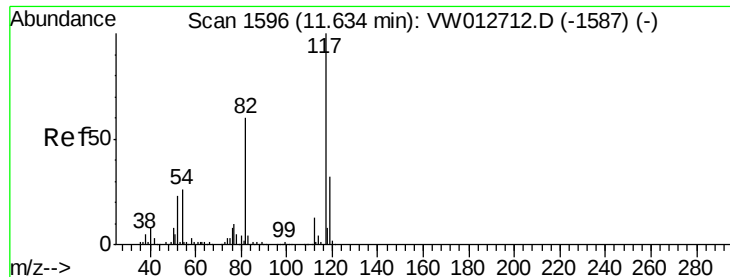


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

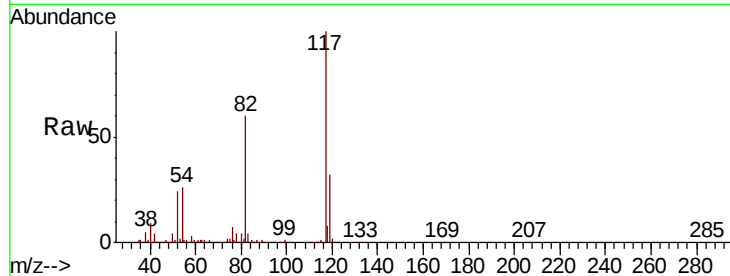




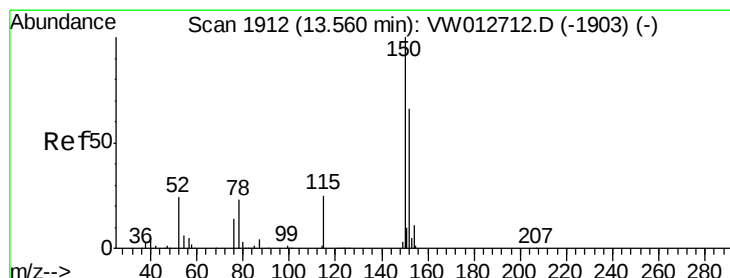
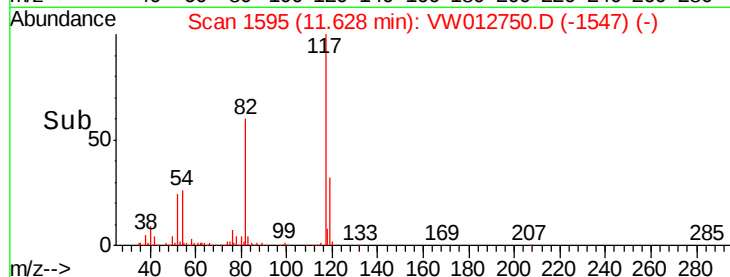
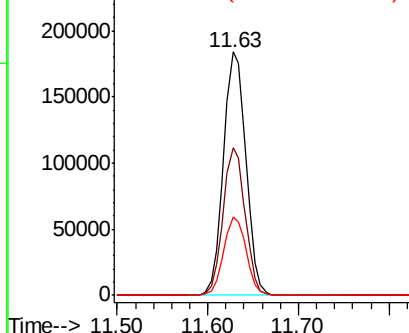
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012750.D
Acq: 08 Sep 2019 06:15

Instrument :
MSVOA_W
ClientSampleId :
SB-40-6.5-7.0

Tgt Ion:117 Resp: 317983
Ion Ratio Lower Upper
117 100
82 60.5 48.2 72.4
119 32.3 25.8 38.6

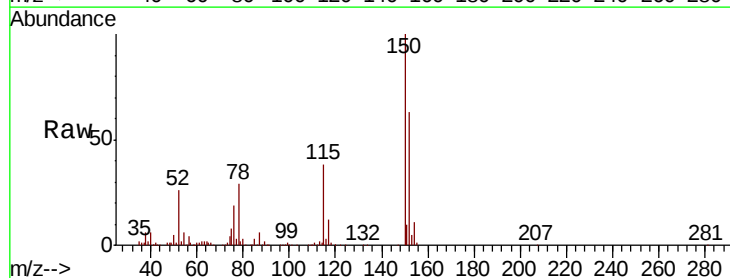


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

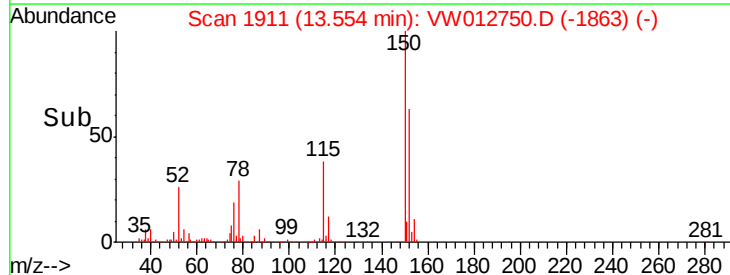
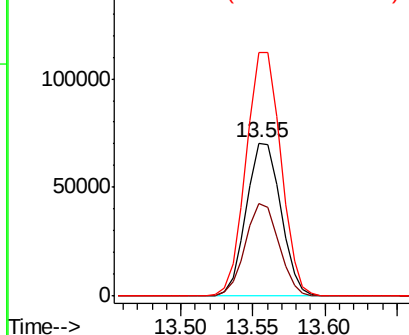


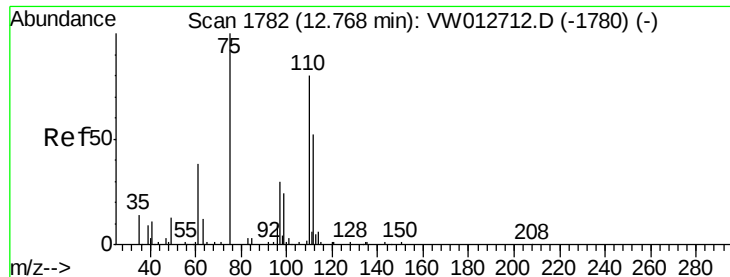
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012750.D
Acq: 08 Sep 2019 06:15

Tgt Ion:152 Resp: 117365
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.1
150 159.5 0.0 349.0



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: 63.823 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

Instrument :

MSVOA_W

ClientSampled :

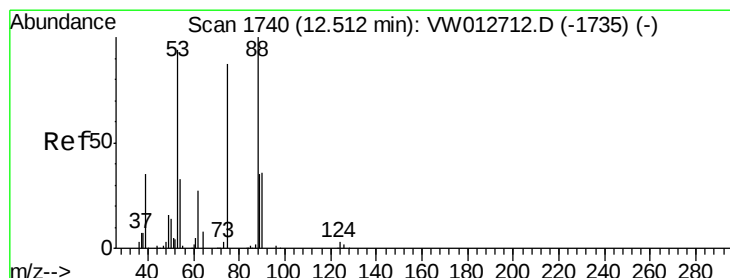
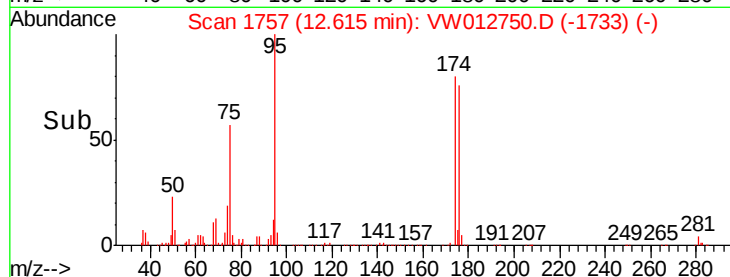
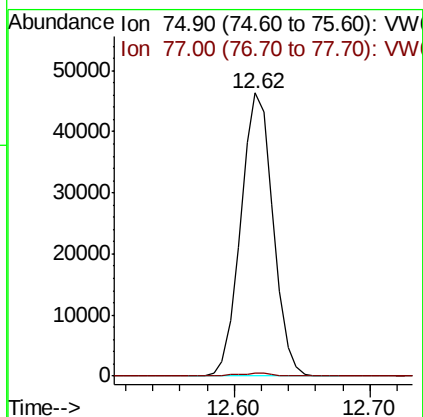
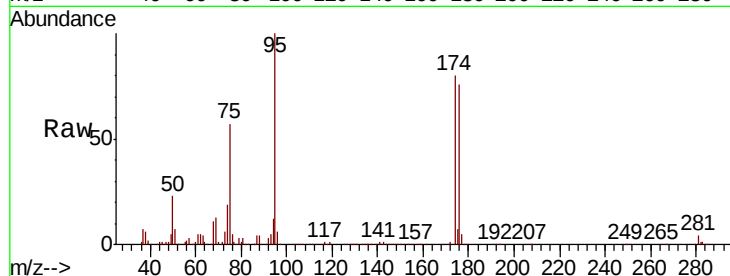
SB-40-6.5-7.0

Tgt Ion: 75 Resp: 76594

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.989 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012750.D

Acq: 08 Sep 2019 06:15

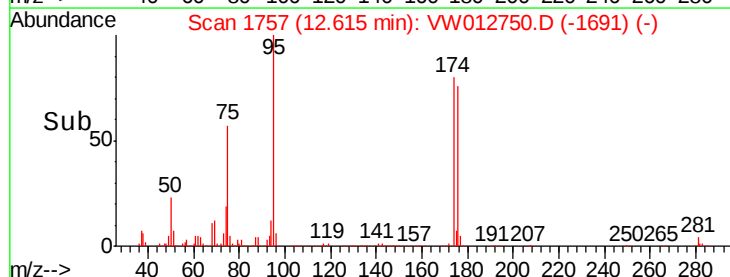
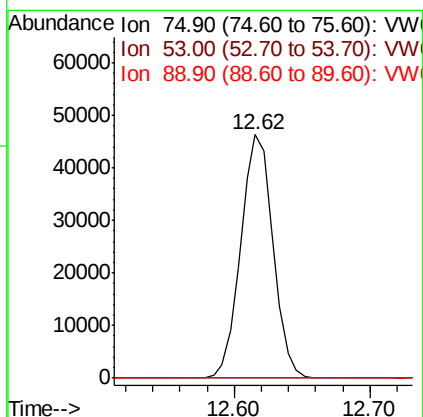
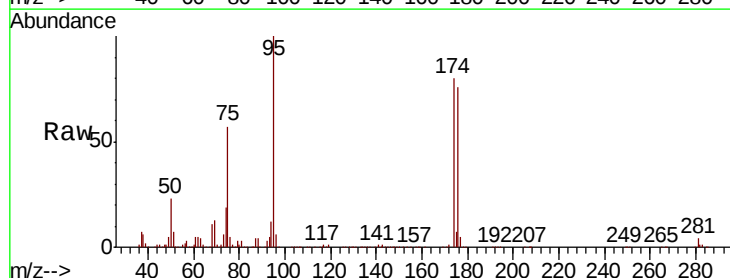
Tgt Ion: 75 Resp: 76594

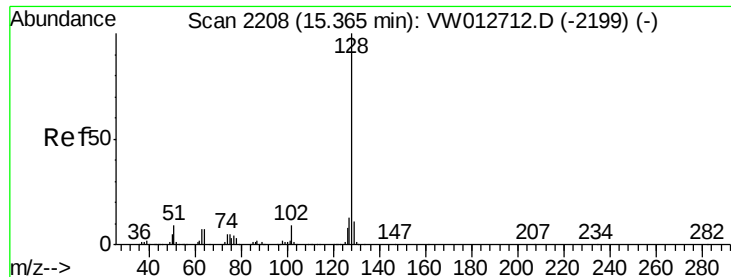
Ion Ratio Lower Upper

75 100

53 0.1 87.6 131.4#

89 0.0 35.5 53.3#





#95

Naphthalene

Concen: 4.514 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012750.D

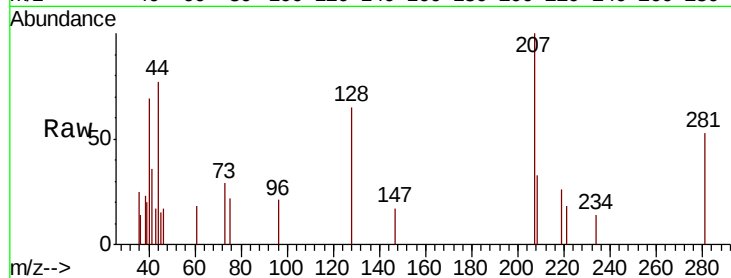
Acq: 08 Sep 2019 06:15

Instrument :

MSVOA_W

ClientSampleId :

SB-40-6.5-7.0



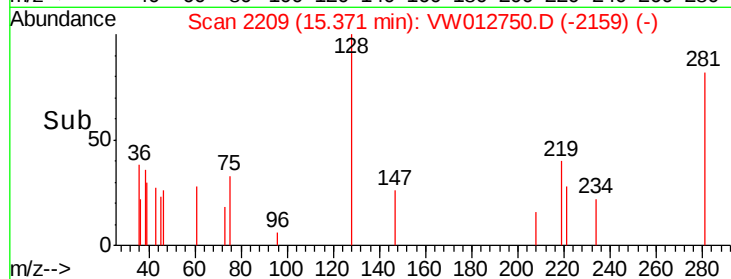
Tgt Ion:128 Resp: 407

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 0.0 8.7 13.1#



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

