

Data File : VW012110.D
Acq On : 22 Aug 2019 15:00
Operator : SY/VA
Sample : K4461-01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-01-9.5-10.0

Quant Time: Aug 23 08:00:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	423664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	359703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	148798	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	158667	54.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.28%	
35) Dibromofluoromethane	7.88	113	127974	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
50) Toluene-d8	10.32	98	519883	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.62	95	171690	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

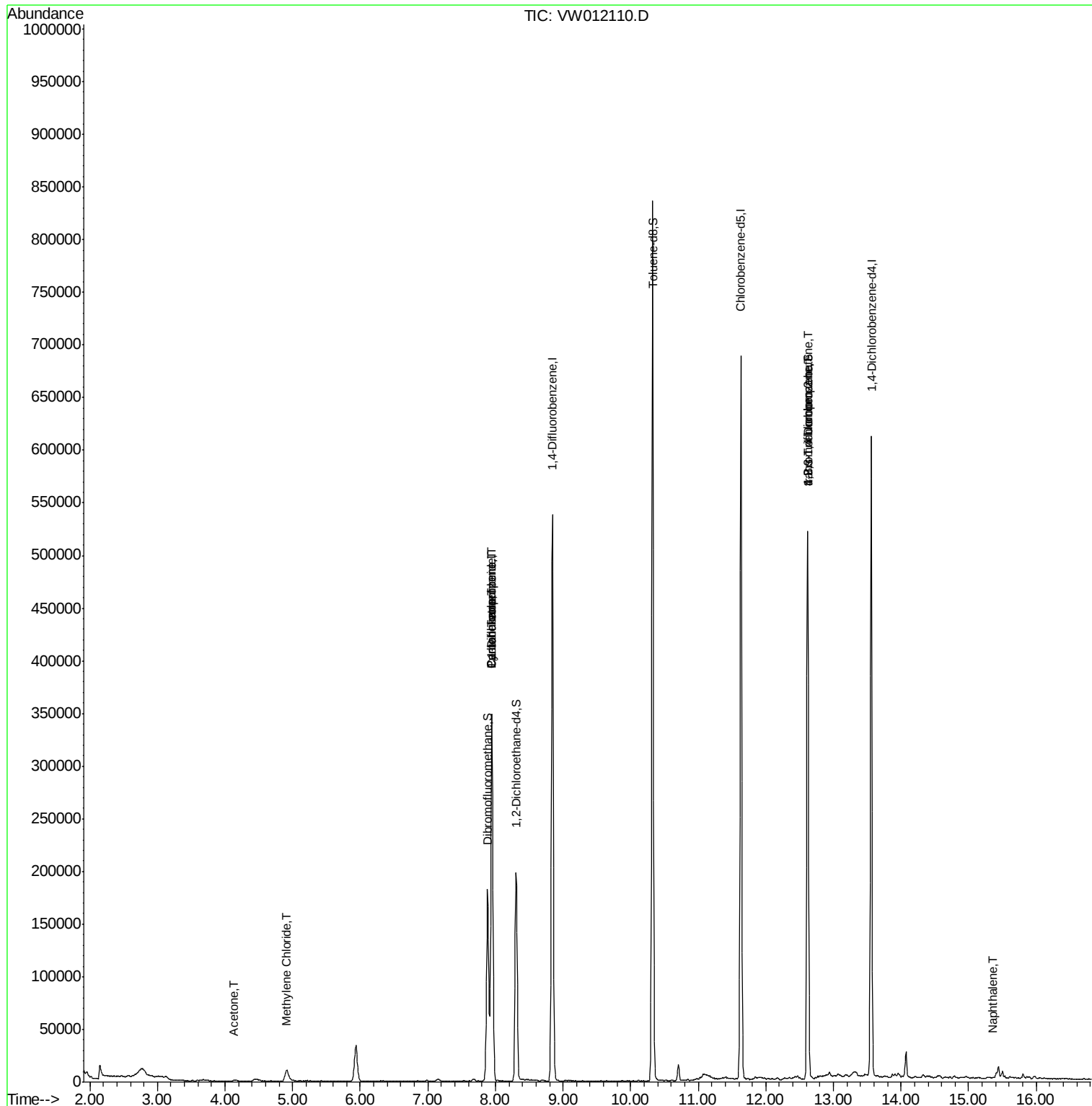
Target Compounds				Qvalue		
11) Tert butyl alcohol	5.17	59	158	Below Cal		95
16) Acetone	4.13	43	2181	2.339 ug/l		90
20) Methylene Chloride	4.91	84	7738	2.407 ug/l		94
31) Cyclohexane	7.94	56	6206	1.133 ug/l #		1
36) 1,1-Dichloropropene	7.95	75	21938	4.980 ug/l #		51
38) Carbon Tetrachloride	7.95	117	25299	6.708 ug/l #		16
76) 1,2,3-Trichloropropane	12.62	75	92038	58.457 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	92038	134.723 ug/l #		6
95) Naphthalene	15.36	128	566	2.158 ug/l #		78

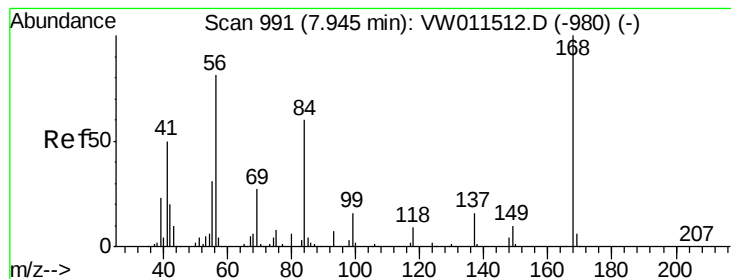
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012110.D

Acq: 22 Aug 2019 15:00

Instrument :

MSVOA_W

ClientSampled :

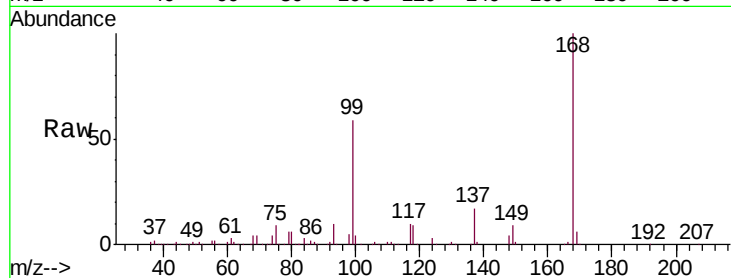
SB-01-9.5-10.0

Tgt Ion: 168 Resp: 255230

Ion Ratio Lower Upper

168 100

99 59.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

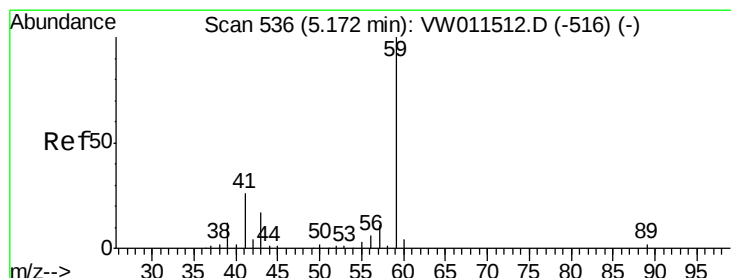
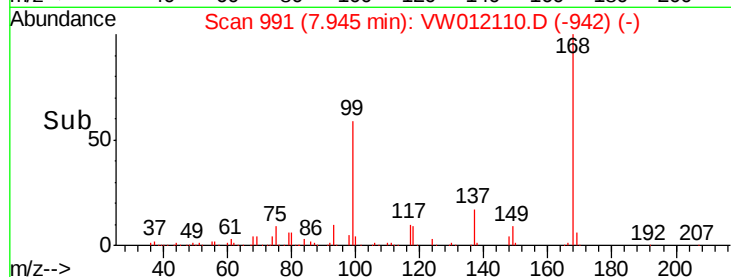
100000

50000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW012110.D

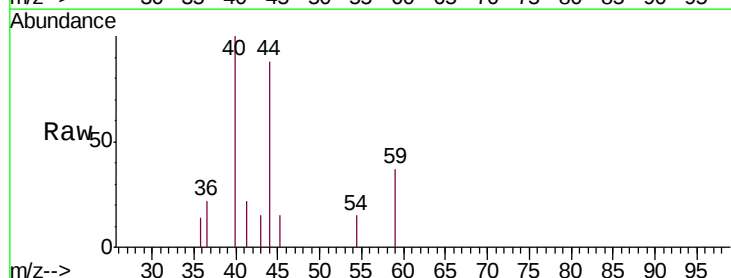
Acq: 22 Aug 2019 15:00

Tgt Ion: 59 Resp: 158

Ion Ratio Lower Upper

59 100

57 12.7 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

150

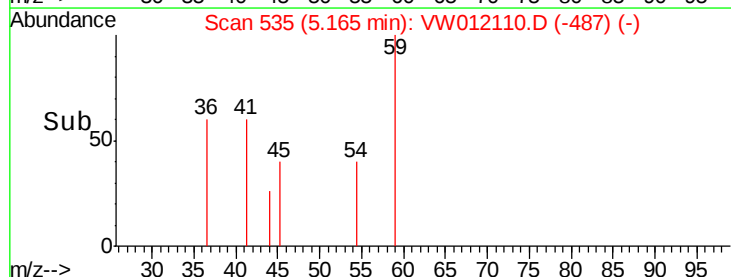
100

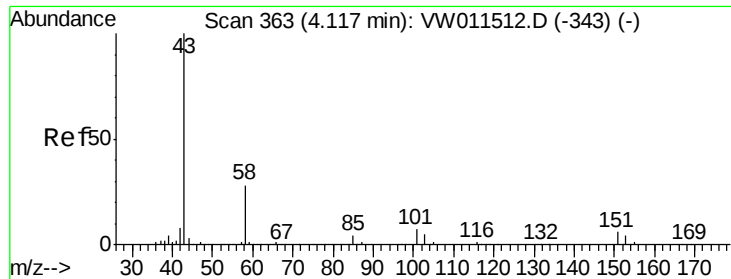
50

0

5.15 5.16 5.17 5.18

Time-->





#16

Acetone

Concen: 2.339 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012110.D

Acq: 22 Aug 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

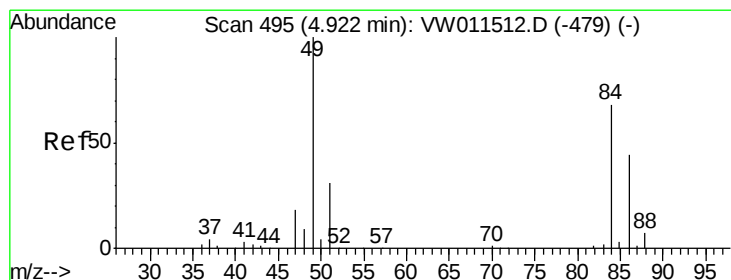
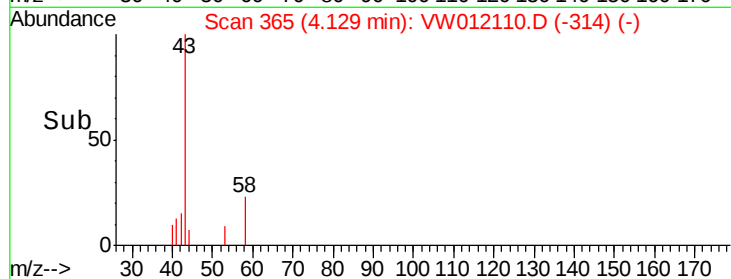
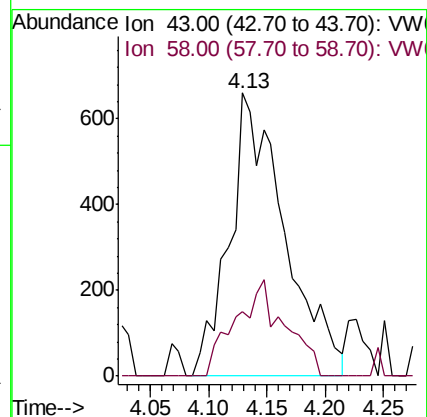
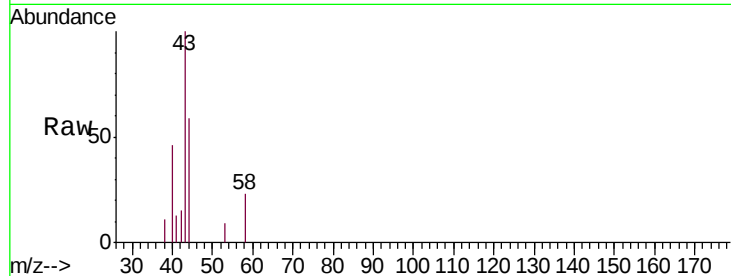
SB-01-9.5-10.0

Tgt Ion: 43 Resp: 2181

Ion Ratio Lower Upper

43 100

58 22.7 22.3 33.5



#20

Methylene Chloride

Concen: 2.407 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012110.D

Acq: 22 Aug 2019 15:00

Tgt Ion: 84 Resp: 7738

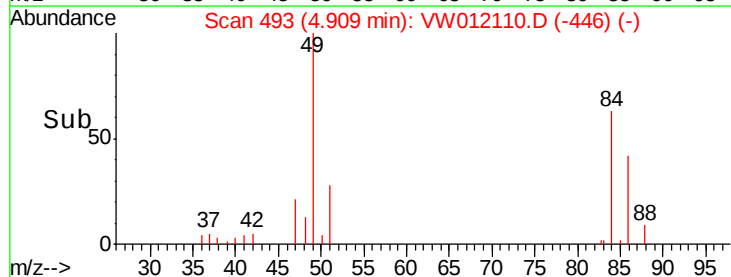
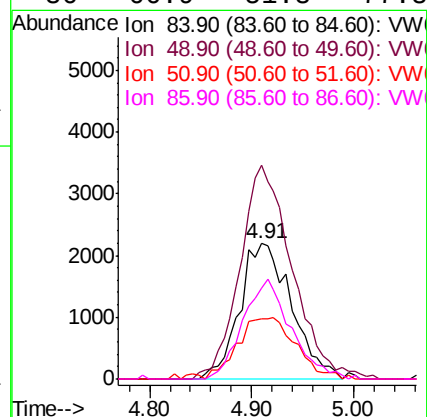
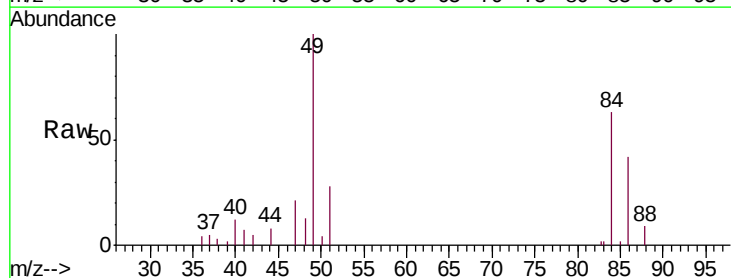
Ion Ratio Lower Upper

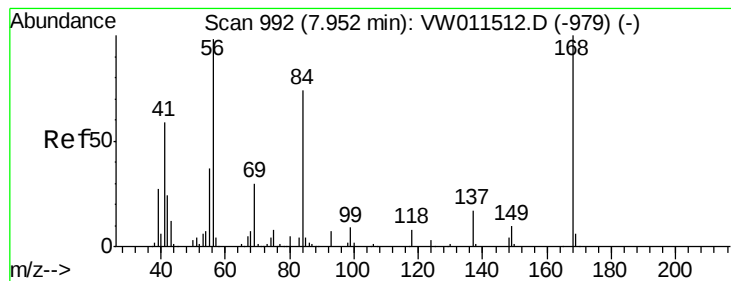
84 100

49 157.5 117.8 176.6

51 44.2 37.0 55.4

86 66.9 51.8 77.8





#31

Cyclohexane

Concen: 1.133 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012110.D

Acq: 22 Aug 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01-9.5-10.0

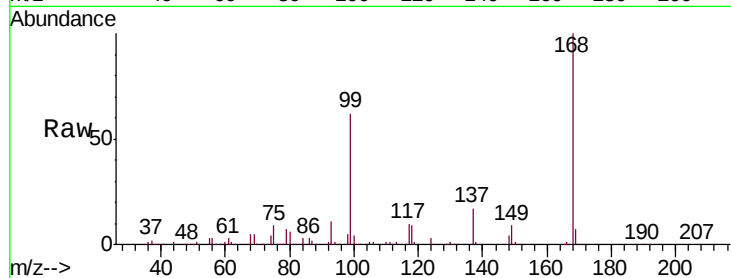
Tgt Ion: 56 Resp: 6206

Ion Ratio Lower Upper

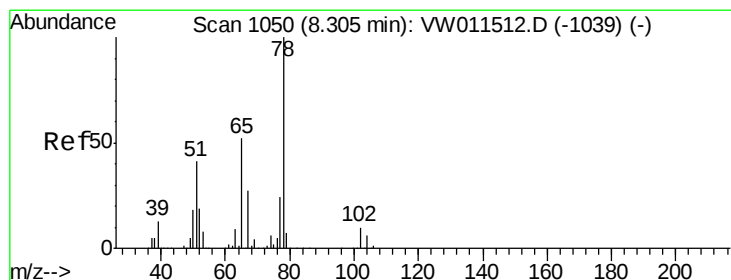
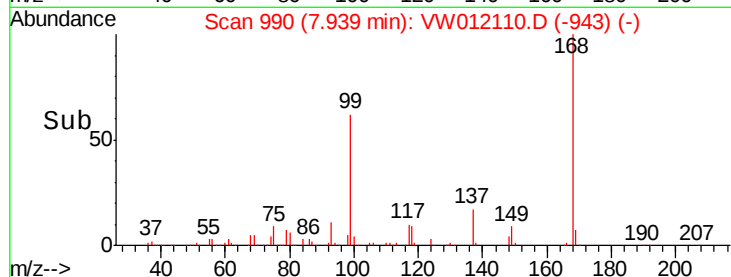
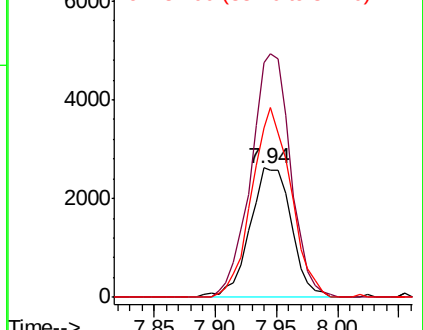
56 100

69 181.6 24.3 36.5#

84 130.8 60.4 90.6#



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: 54.139 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012110.D

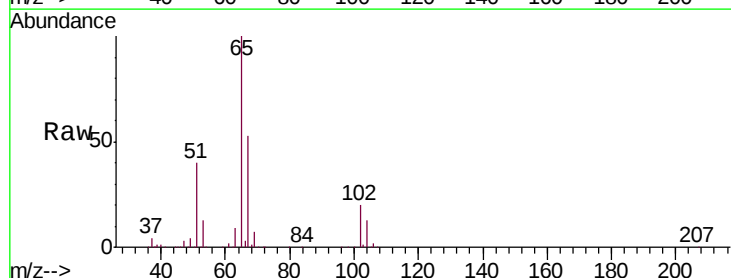
Acq: 22 Aug 2019 15:00

Tgt Ion: 65 Resp: 158667

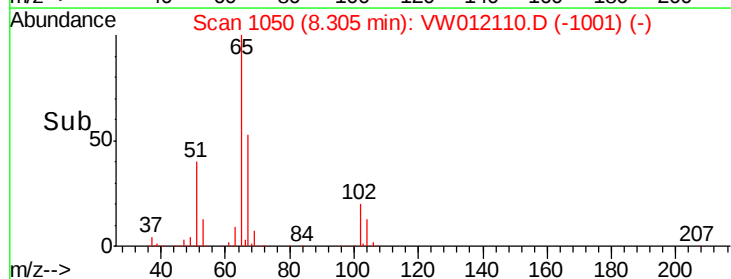
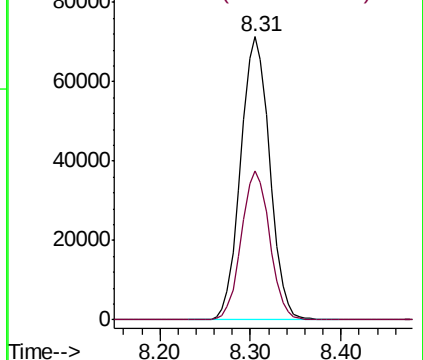
Ion Ratio Lower Upper

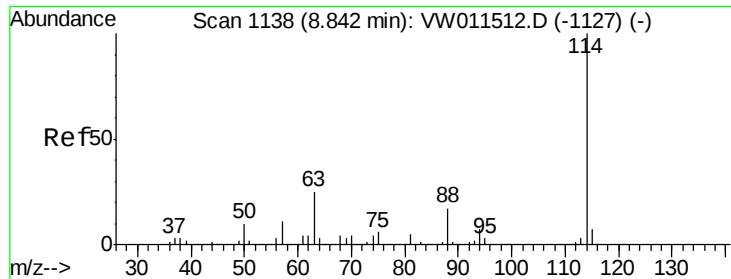
65 100

67 51.5 0.0 105.2



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

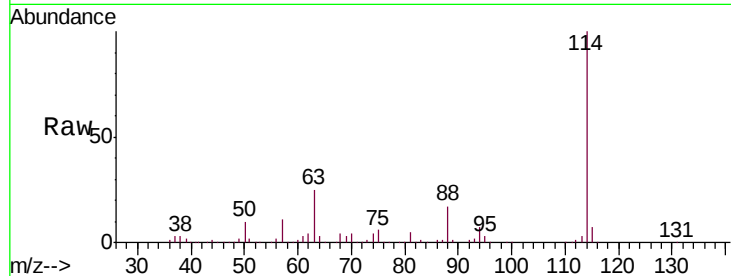




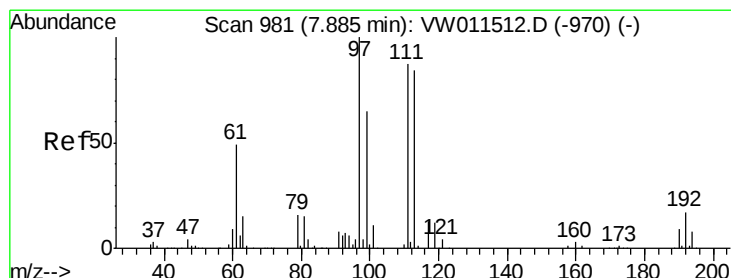
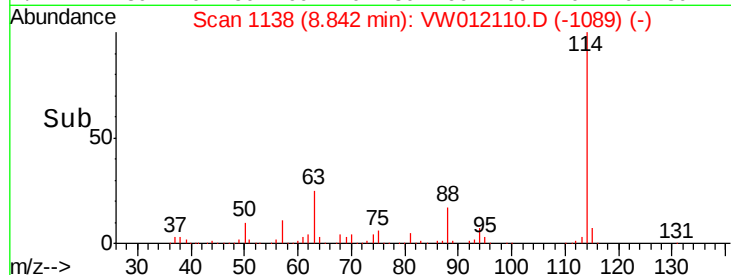
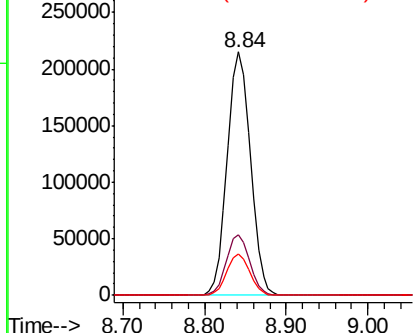
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012110.D
 Acq: 22 Aug 2019 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01-9.5-10.0

Tgt Ion:114 Resp: 423664
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 16.8 0.0 33.8

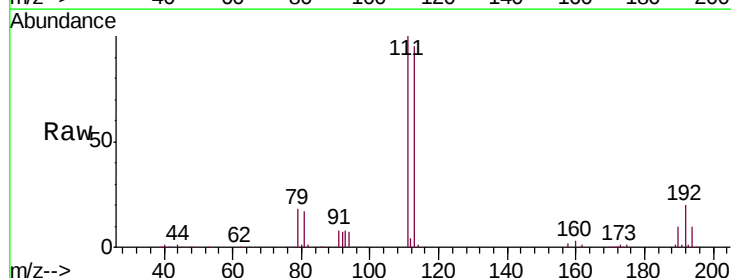


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

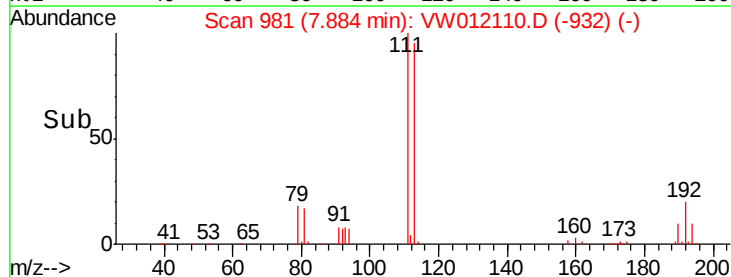
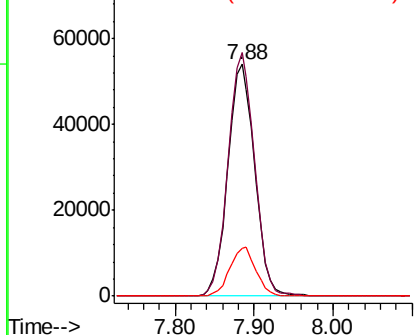


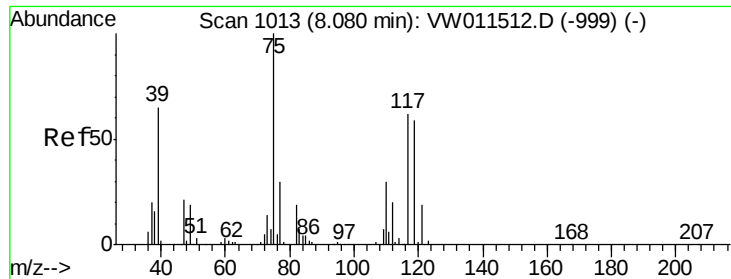
#35
 Dibromofluoromethane
 Concen: 53.842 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012110.D
 Acq: 22 Aug 2019 15:00

Tgt Ion:113 Resp: 127974
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 20.4 16.1 24.1



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

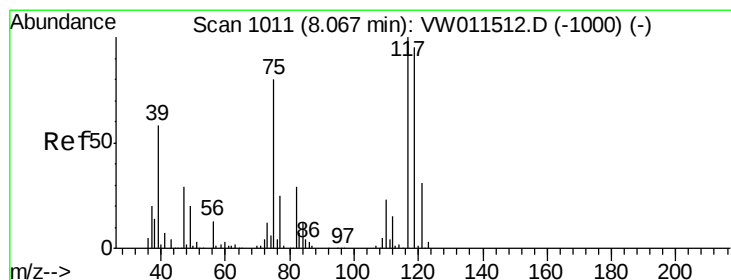
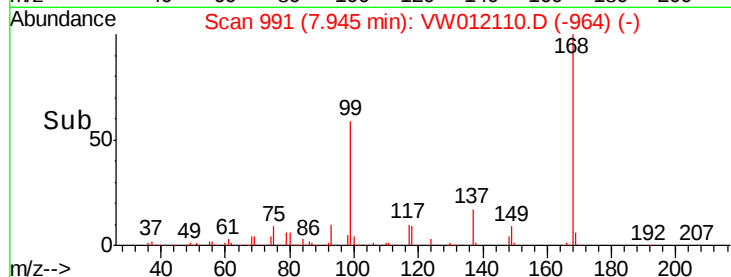
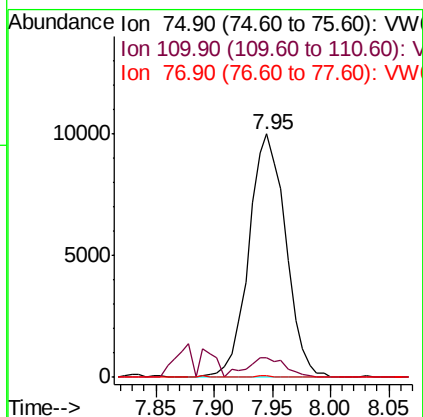
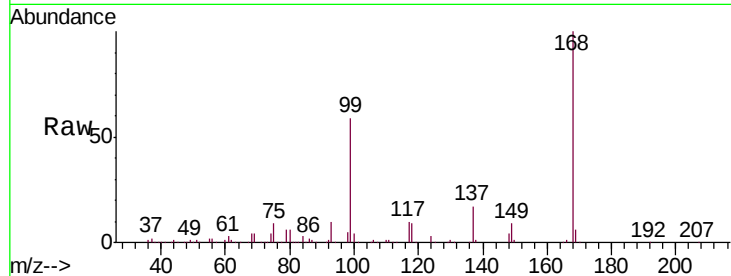




#36
 1,1-Dichloropropene
 Concen: 4.980 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012110.D
 Acq: 22 Aug 2019 15:00

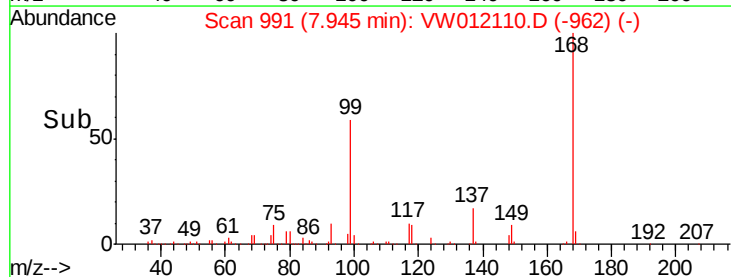
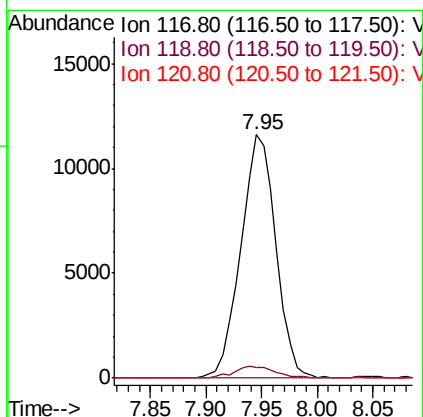
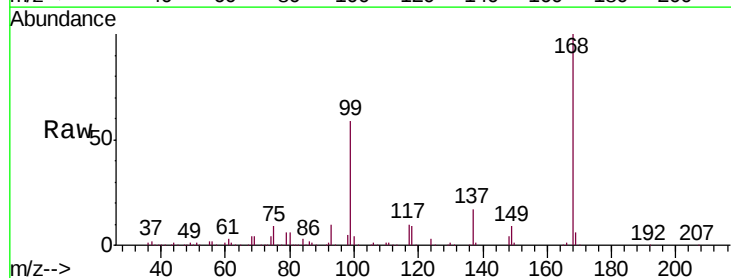
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01-9.5-10.0

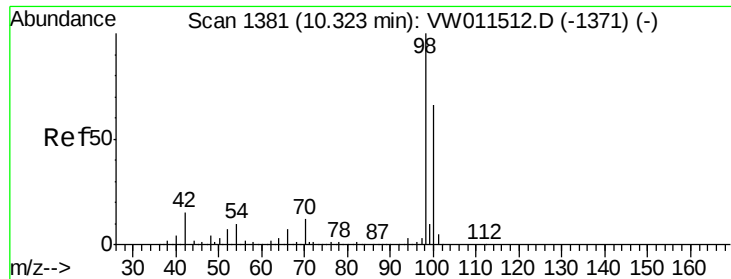
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.6	46.8#
77	0.3	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.708 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012110.D
 Acq: 22 Aug 2019 15:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 53.423 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012110.D

Acq: 22 Aug 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

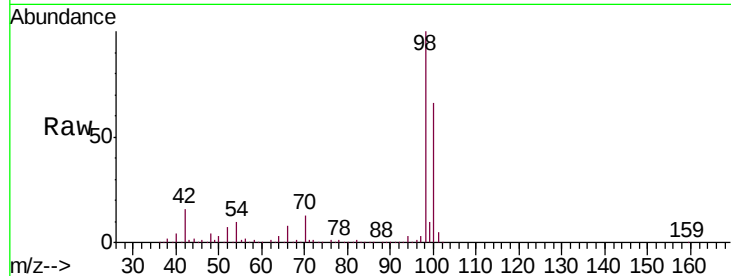
SB-01-9.5-10.0

Tgt Ion: 98 Resp: 519883

Ion Ratio Lower Upper

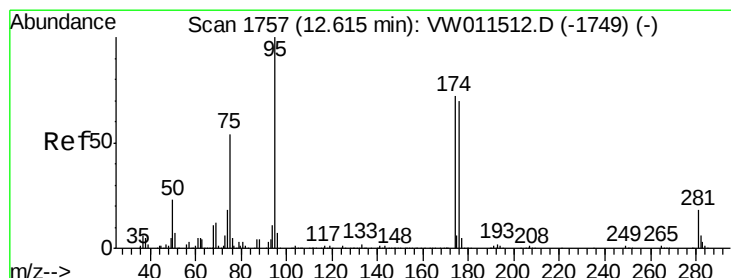
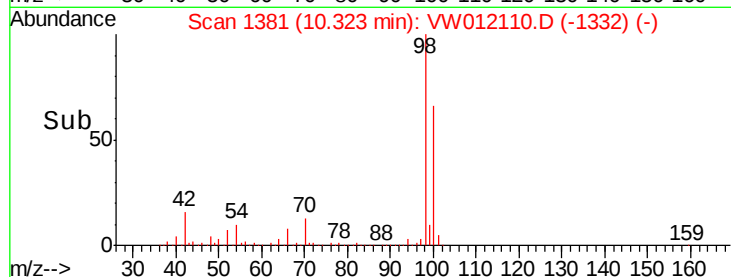
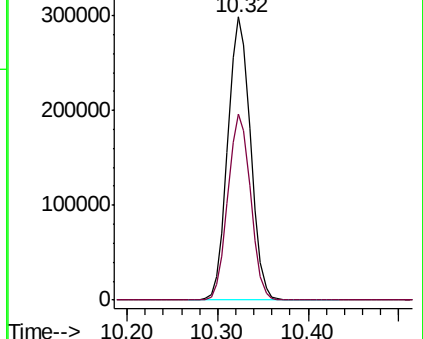
98 100

100 65.5 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 49.486 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012110.D

Acq: 22 Aug 2019 15:00

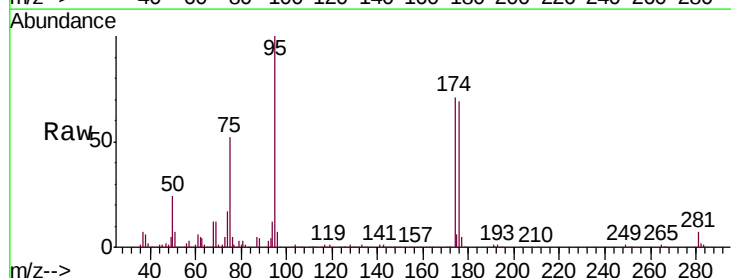
Tgt Ion: 95 Resp: 171690

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.2

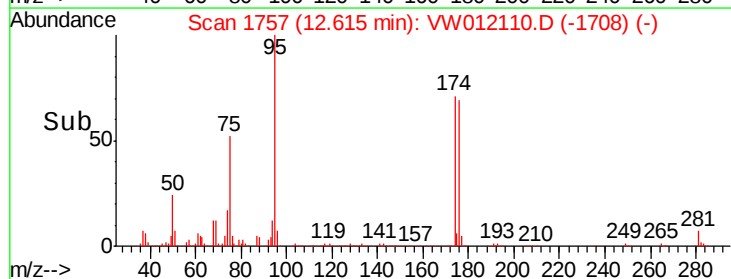
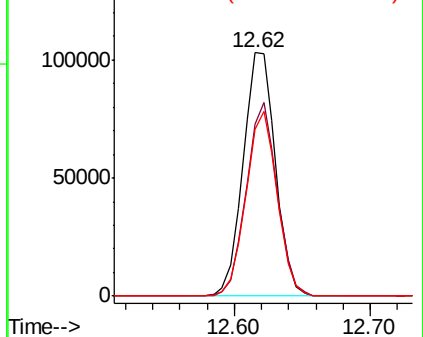
176 73.4 0.0 144.4

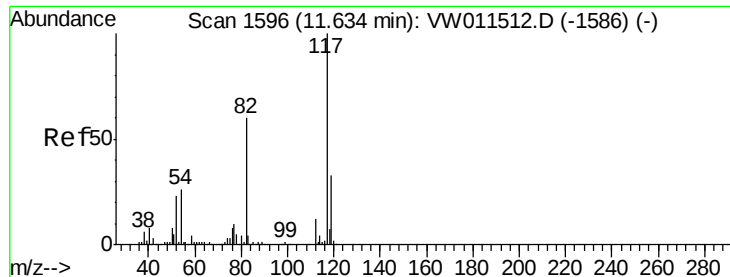


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

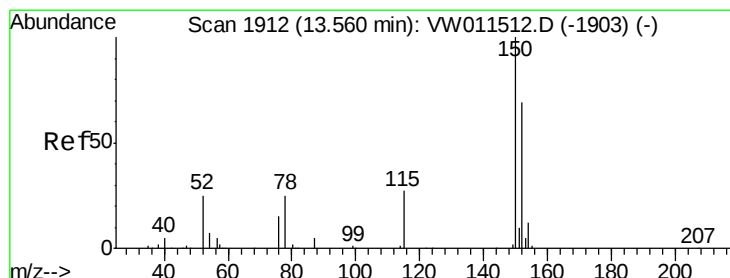
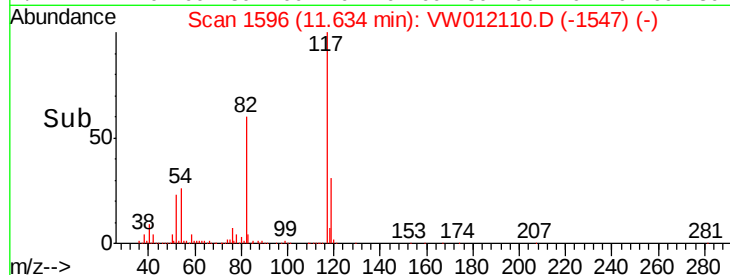
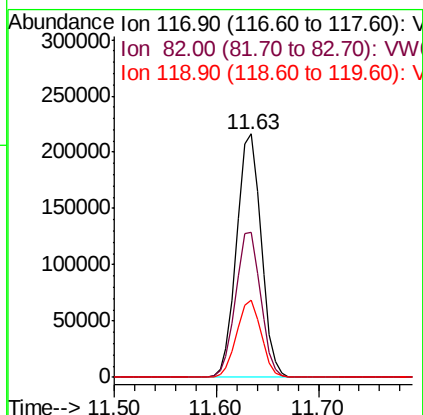
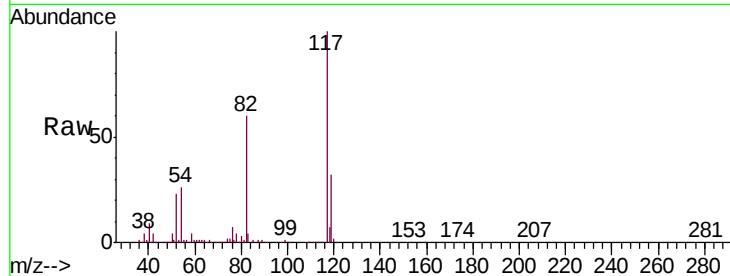




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012110.D
Acq: 22 Aug 2019 15:00

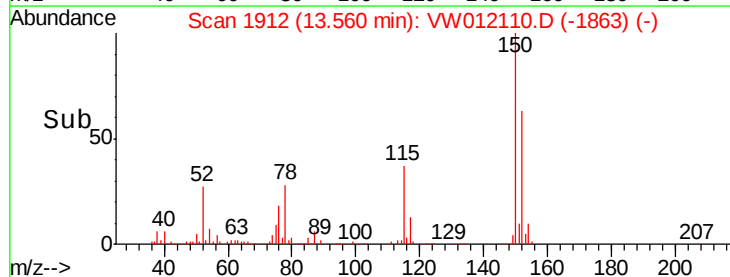
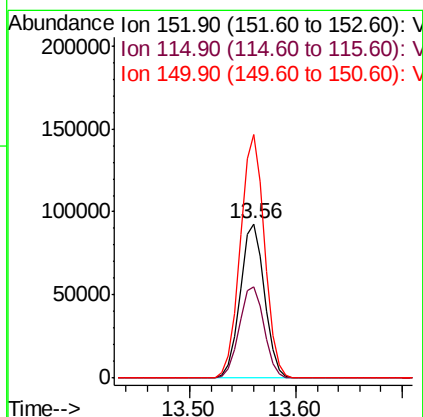
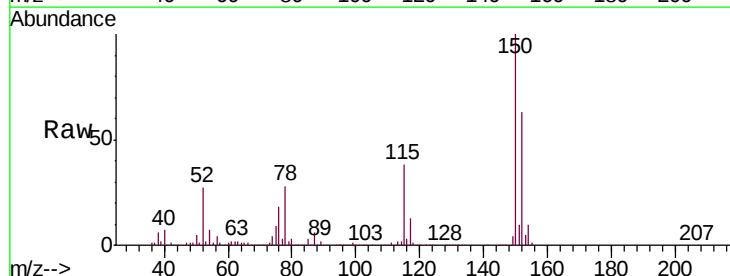
Instrument :
MSVOA_W
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SB-01-9.5-10.0

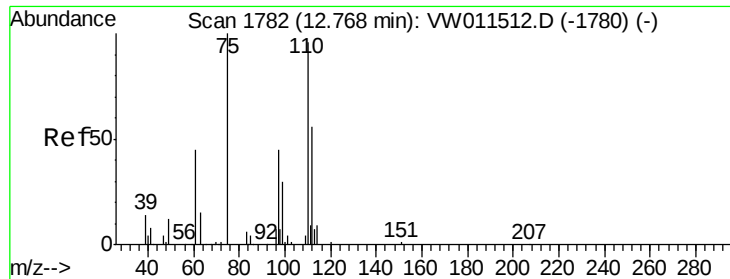
Tgt Ion:117 Resp: 359703
Ion Ratio Lower Upper
117 100
82 59.8 47.9 71.9
119 31.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012110.D
Acq: 22 Aug 2019 15:00

Tgt Ion:152 Resp: 148798
Ion Ratio Lower Upper
152 100
115 60.6 30.5 91.5
150 157.1 0.0 352.6

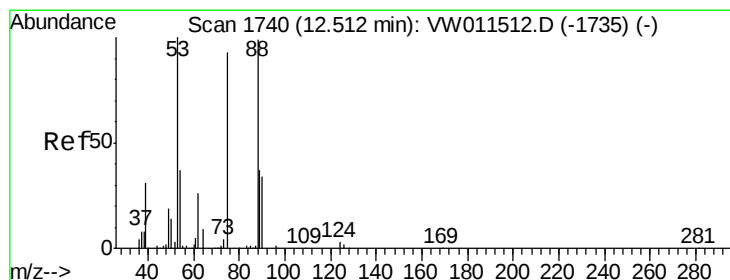
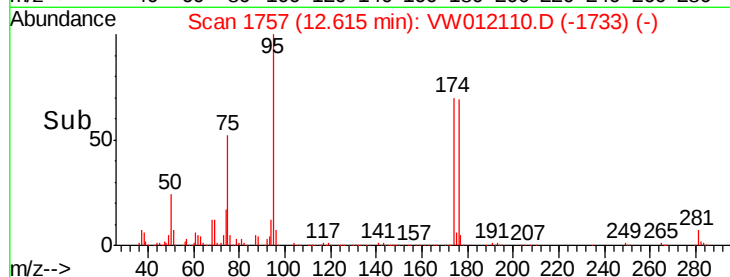
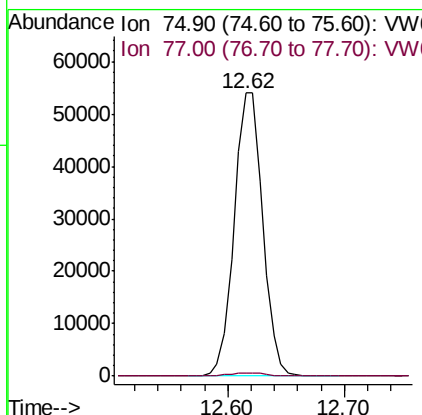
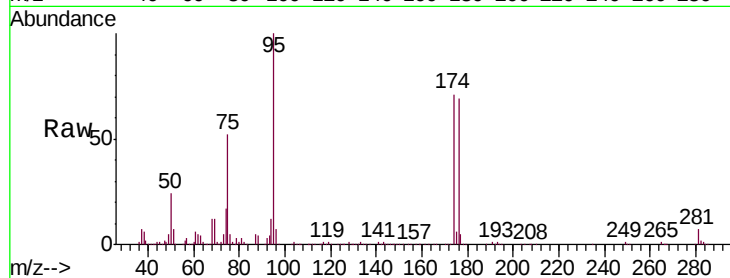




#76
 1,2,3-Trichloropropane
 Concen: 58.457 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012110.D
 Acq: 22 Aug 2019 15:00

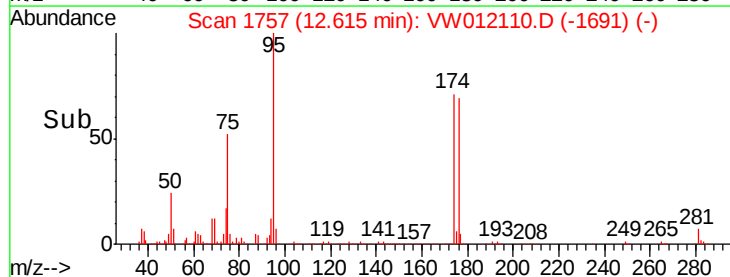
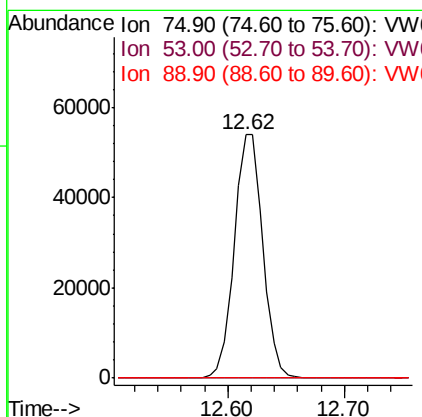
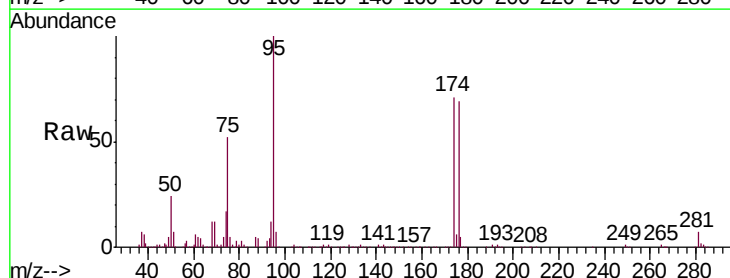
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-01-9.5-10.0

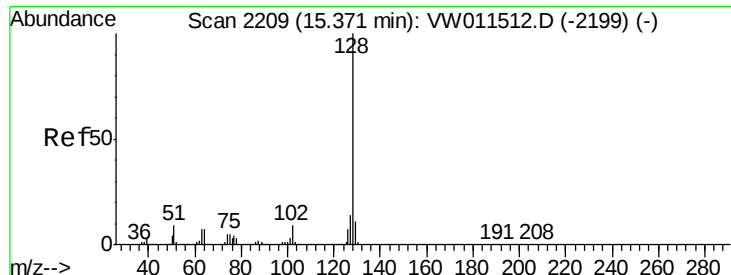
Tgt Ion: 75 Resp: 92038
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.723 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012110.D
 Acq: 22 Aug 2019 15:00

Tgt Ion: 75 Resp: 92038
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.0 132.0#
 89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.158 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW012110.D

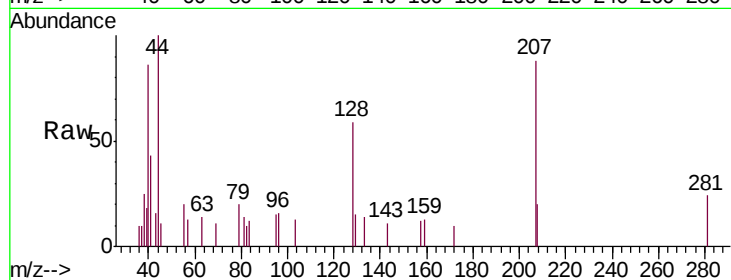
Acq: 22 Aug 2019 15:00

Instrument :

MSVOA_W

ClientSampleId :

SB-01-9.5-10.0



Tgt Ion:	128	Resp:	566
Ion	Ratio	Lower	Upper
128	100		
127	4.1	10.6	16.0#
129	18.7	8.6	13.0#

