

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011358.D
 Acq On : 19 Jul 2019 03:25
 Operator : SY/VA
 Sample : K3835-07
 Misc : 5.33G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

Quant Time: Jul 19 06:50:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	271135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	192532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75956	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	102732	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
35) Dibromofluoromethane	7.88	113	77916	48.21	ug/l	0.00
Spiked Amount			Recovery	=	96.42%	
50) Toluene-d8	10.32	98	173537	26.57	ug/l	0.00
Spiked Amount			Recovery	=	53.14%	
62) 4-Bromofluorobenzene	12.62	95	79927	33.38	ug/l	0.00
Spiked Amount			Recovery	=	66.76%	

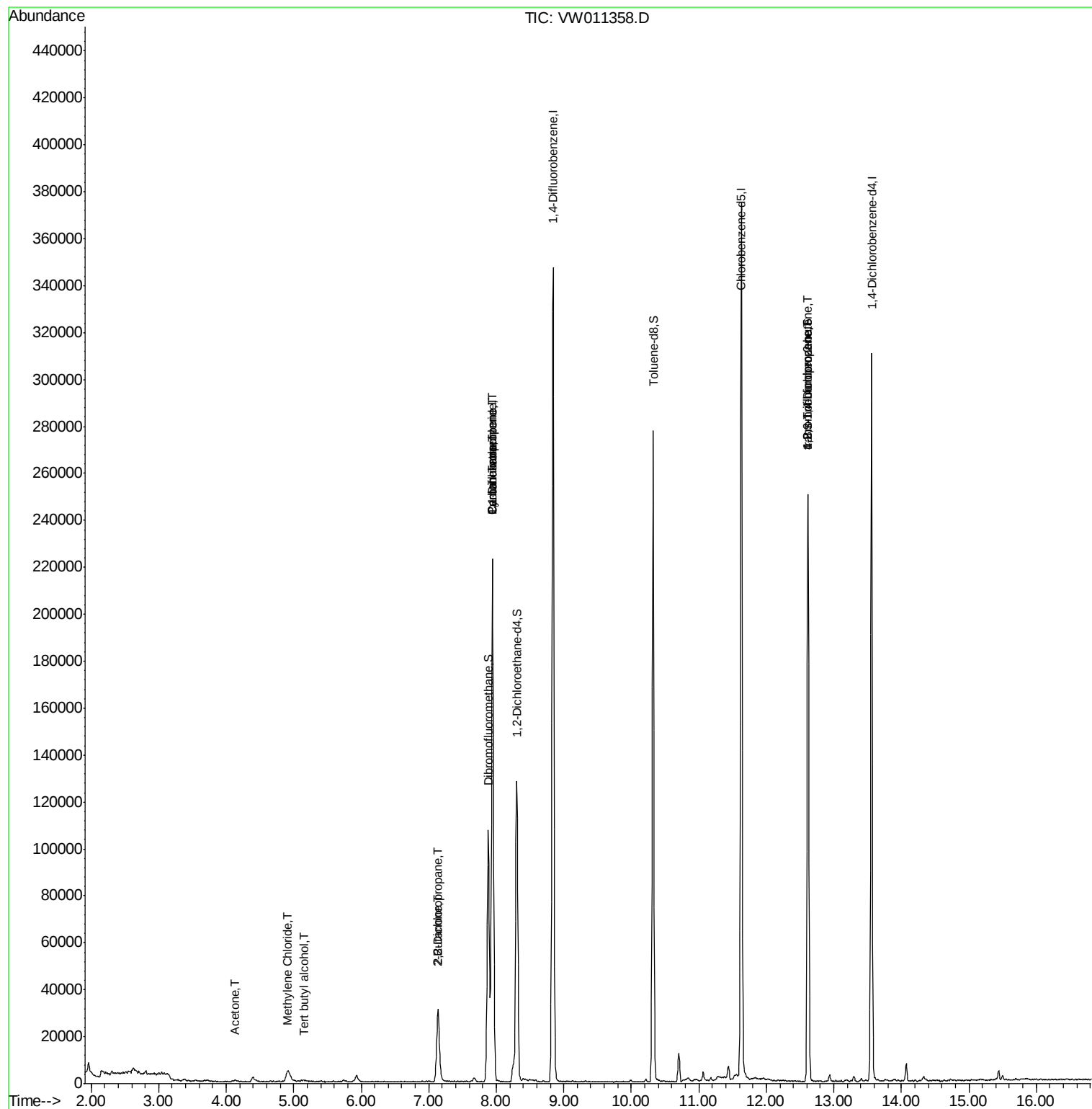
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	470	3.235	ug/l #	70
16) Acetone	4.13	43	1287	2.726	ug/l #	86
18) Methyl Acetate	4.68	43	815	Below Cal	#	62
20) Methylene Chloride	4.91	84	3998	2.147	ug/l	93
25) 2-Butanone	7.15	43	2268	3.060	ug/l #	54
26) 2,2-Dichloropropane	7.14	77	2172	1.169	ug/l #	53
31) Cyclohexane	7.95	56	3959	1.042	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	13697	4.744	ug/l #	52
38) Carbon Tetrachloride	7.95	117	15644	6.391	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	43450	49.500	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	43450	111.961	ug/l #	6

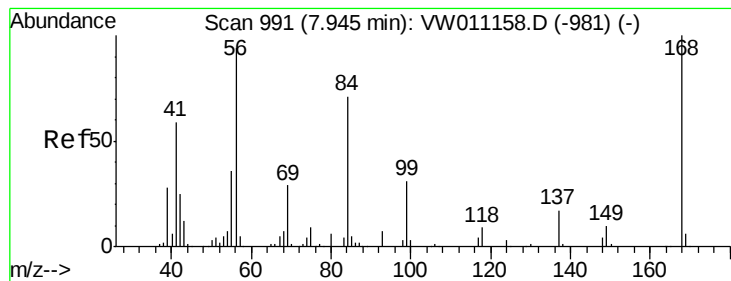
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071819\
Data File : VW011358.D
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SB-4(0-2)

Quant Time: Jul 19 06:50:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 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: VW011358.D

Acq: 19 Jul 2019 03:25

Instrument :

MSVOA_W

ClientSampleId :

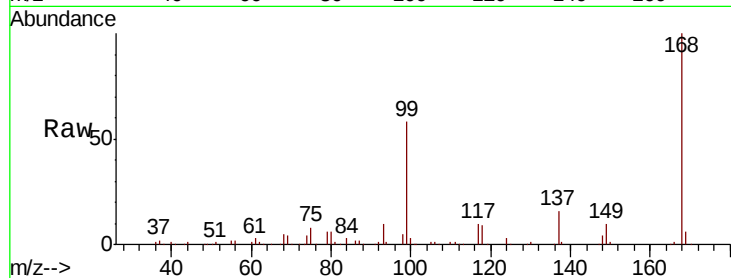
SB-4(0-2)

Tot Ion:168 Resp: 156163

Ion Ratio Lower Upper

168 100

99 58.3 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

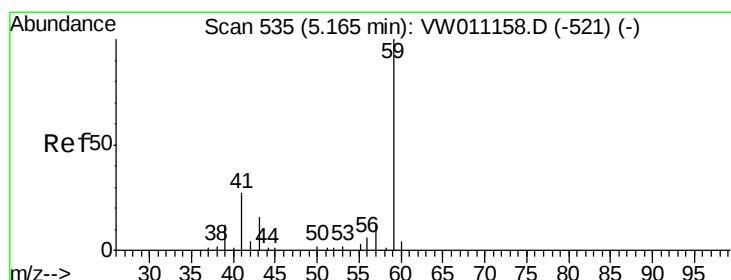
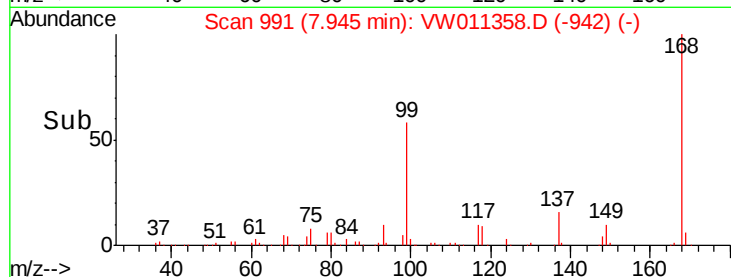
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 3.235 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW011358.D

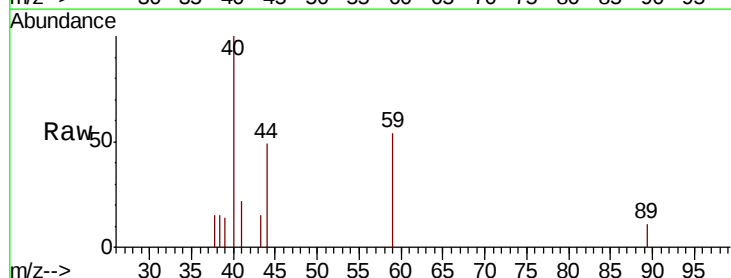
Acq: 19 Jul 2019 03:25

Tgt Ion: 59 Resp: 470

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

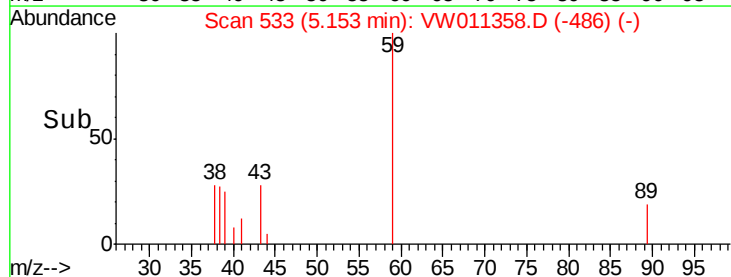
300

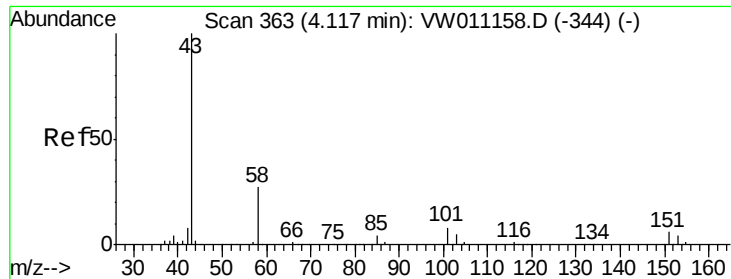
200

100

0

Time--> 5.10 5.15 5.20





#16

Acetone

Concen: 2.726 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011358.D

Acq: 19 Jul 2019 03:25

Instrument :

MSVOA_W

ClientSampleId :

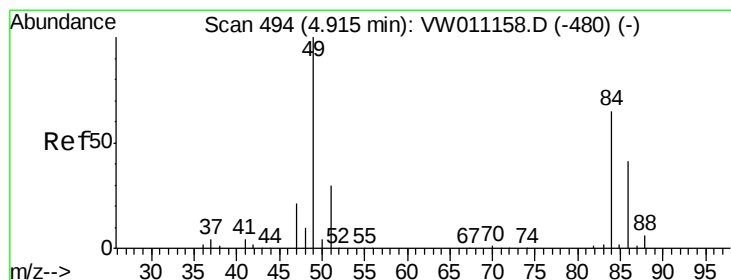
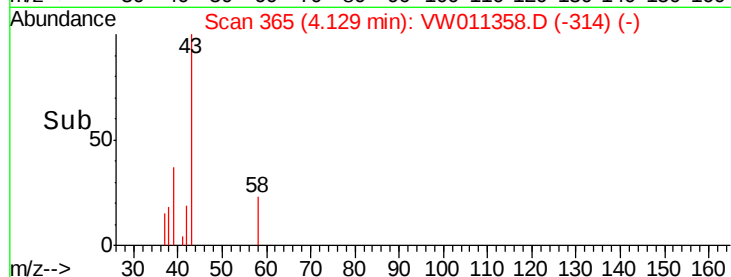
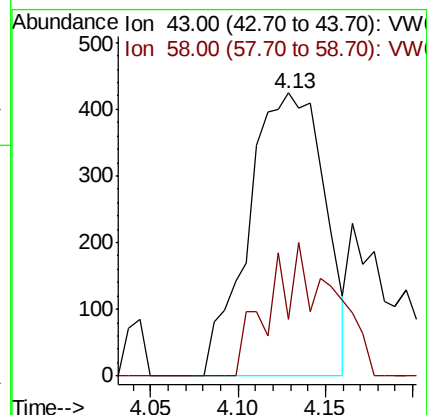
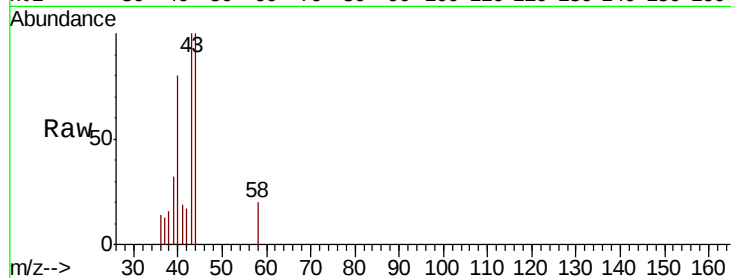
SB-4(0-2)

Tot Ion: 43 Resp: 1287

Ion Ratio Lower Upper

43 100

58 19.8 21.8 32.6#



#20

Methylene Chloride

Concen: 2.147 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011358.D

Acq: 19 Jul 2019 03:25

Tgt Ion: 84 Resp: 3998

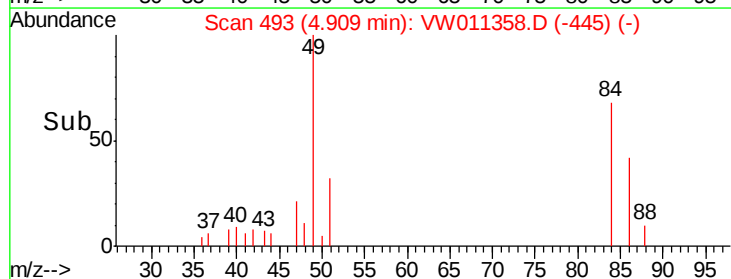
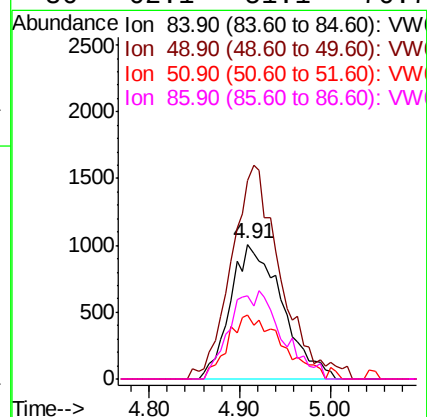
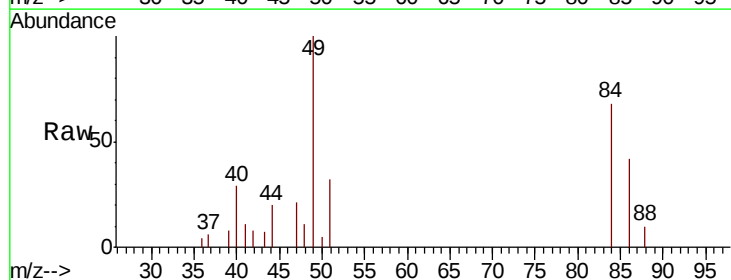
Ion Ratio Lower Upper

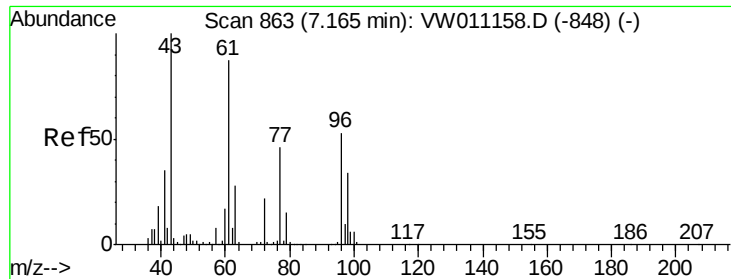
84 100

49 139.8 123.8 185.6

51 47.0 37.4 56.2

86 62.1 51.1 76.7

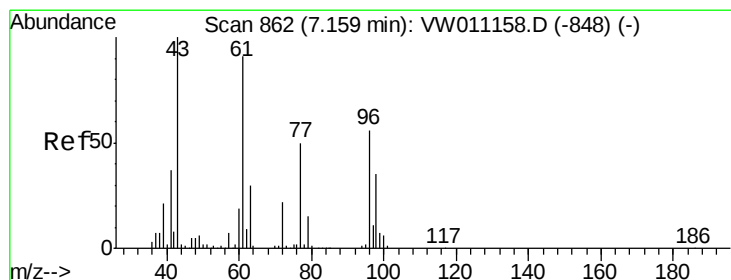
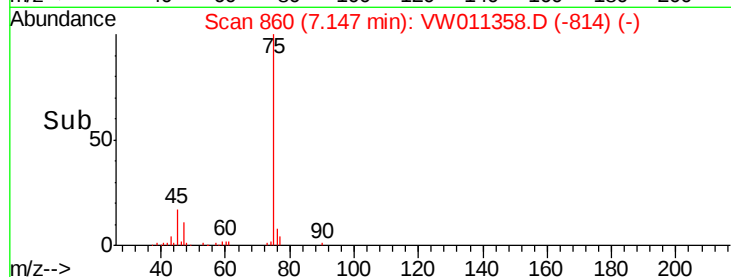
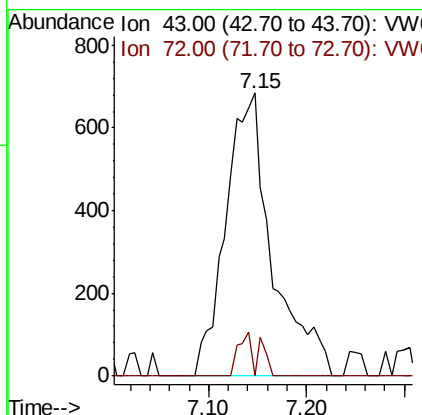
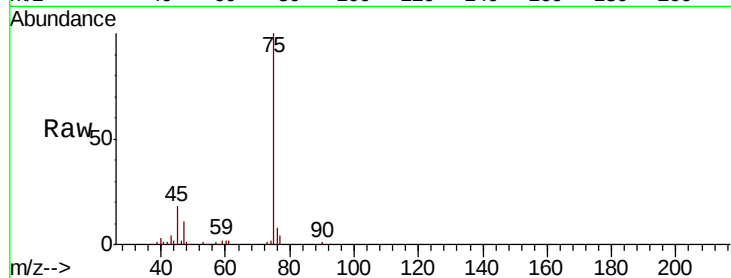




#25
 2-Butanone
 Concen: 3.060 ug/l
 RT: 7.15 min Scan# 860
 Delta R.T. -0.02 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

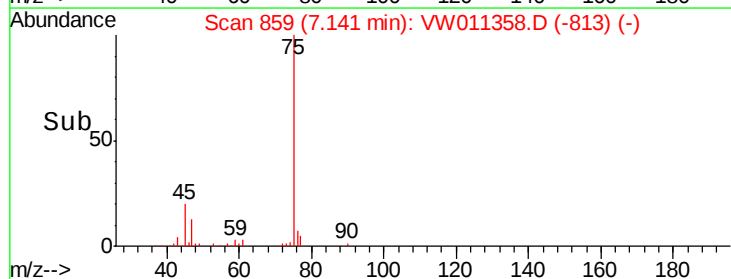
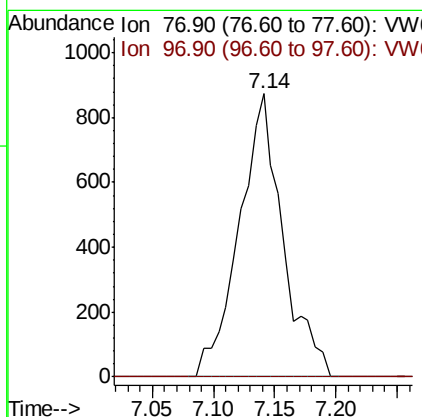
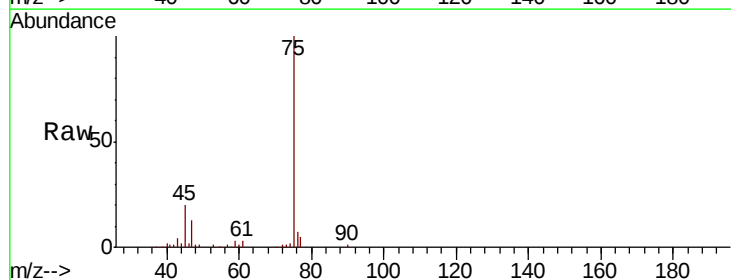
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

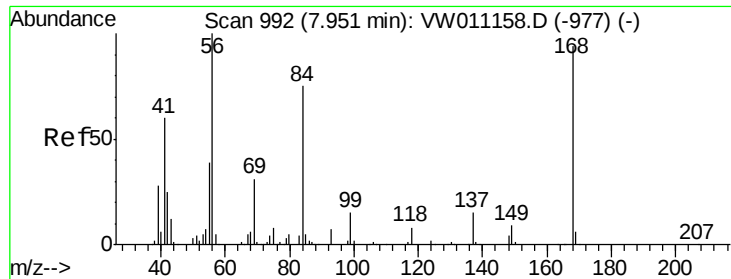
Tot Ion: 43 Resp: 2268
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.6 26.4#



#26
 2,2-Dichloropropane
 Concen: 1.169 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

Tgt Ion: 77 Resp: 2172
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#

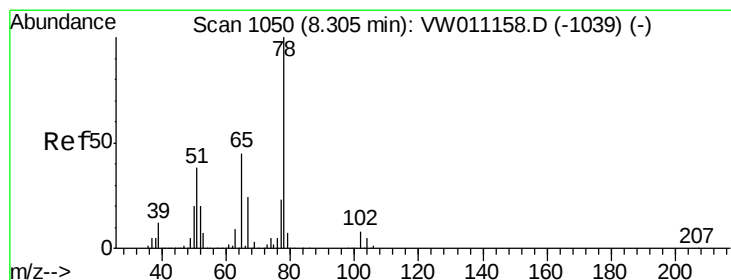
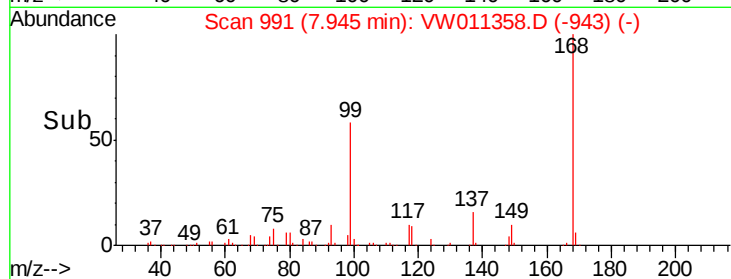
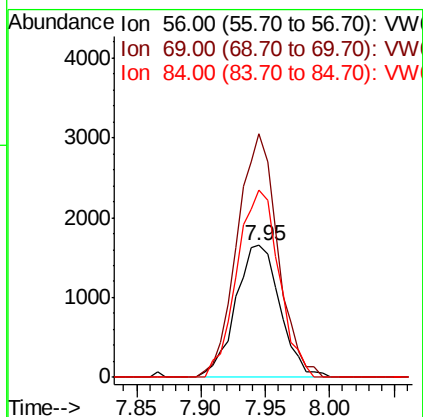
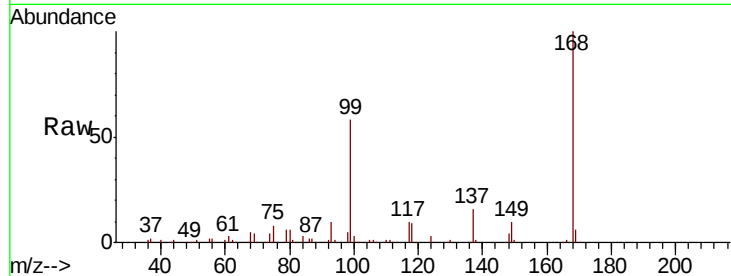




#31
Cyclohexane
Concen: 1.042 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

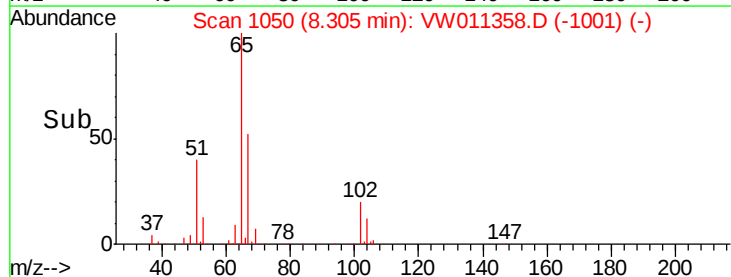
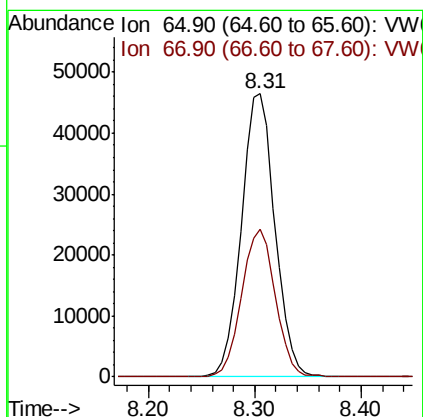
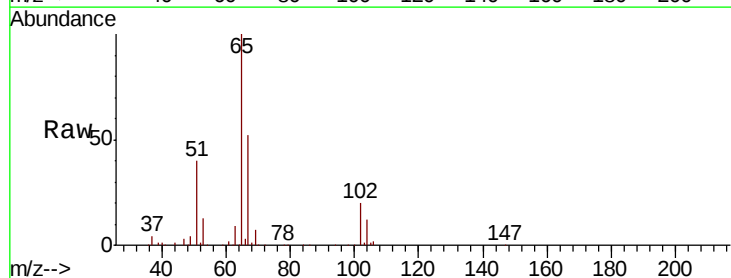
Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)

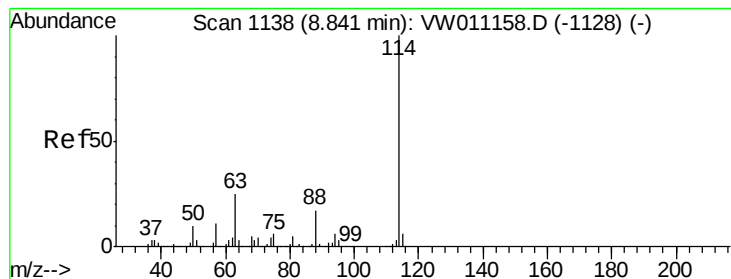
Tot Ion: 56 Resp: 3959
Ion Ratio Lower Upper
56 100
69 184.7 24.6 36.8#
84 141.7 60.1 90.1#



#33
1,2-Dichloroethane-d4
Concen: 52.354 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

Tgt Ion: 65 Resp: 102732
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011358.D

Acq: 19 Jul 2019 03:25

Instrument :

MSVOA_W

ClientSampleId :

SB-4(0-2)

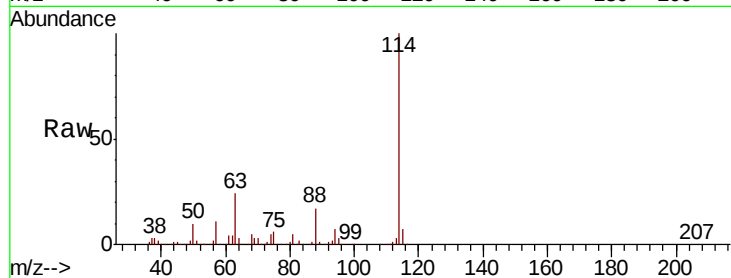
Tot Ion:114 Resp: 271135

Ion Ratio Lower Upper

114 100

63 23.8 0.0 50.8

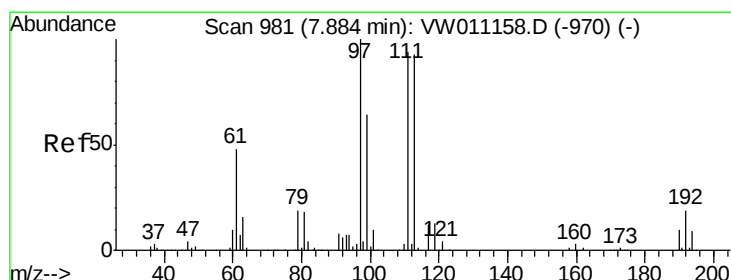
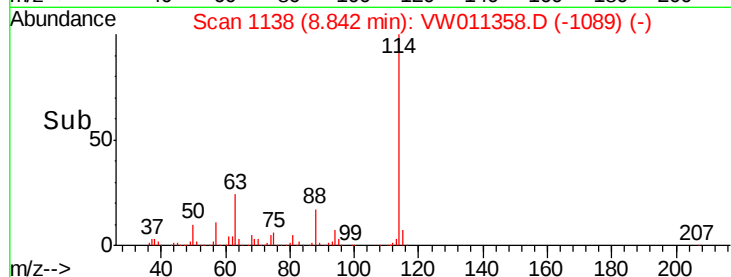
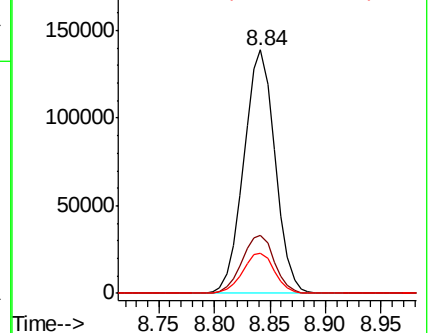
88 16.6 0.0 34.2



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: 48.213 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011358.D

Acq: 19 Jul 2019 03:25

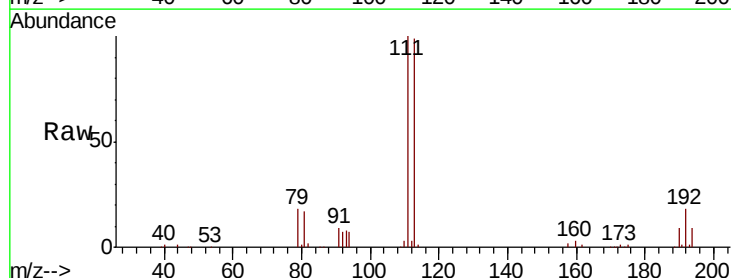
Tgt Ion:113 Resp: 77916

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

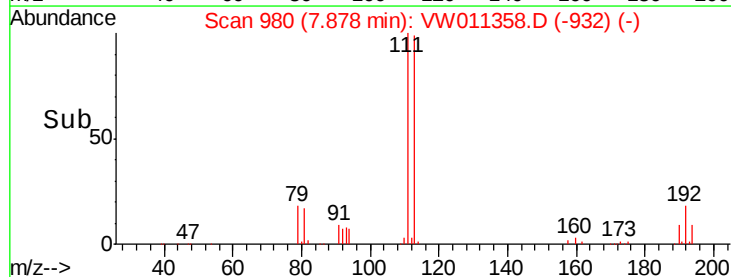
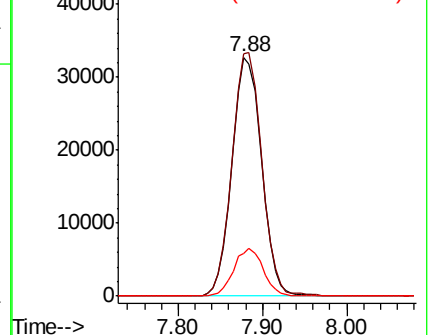
192 19.7 15.8 23.8

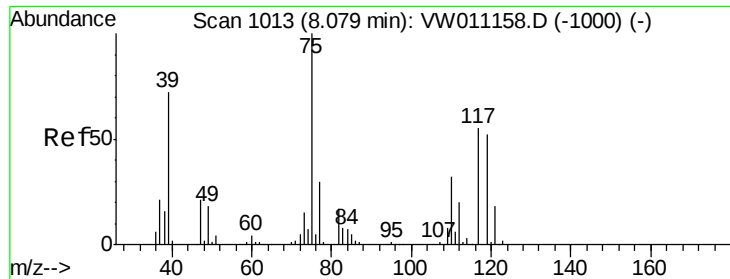


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

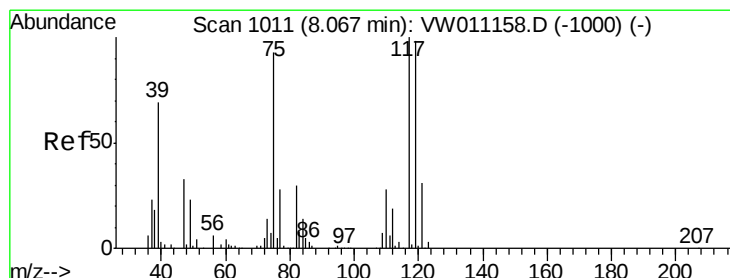
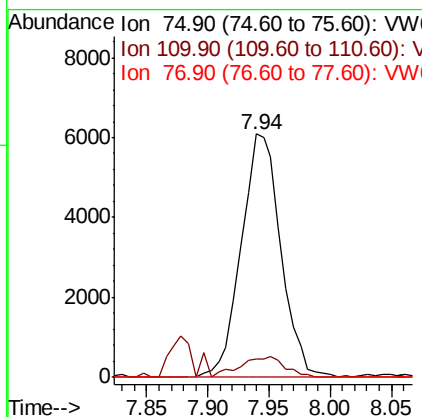
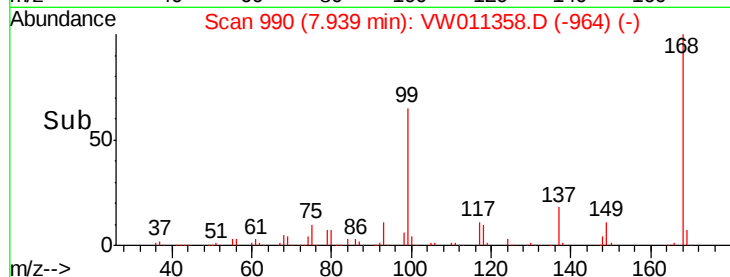
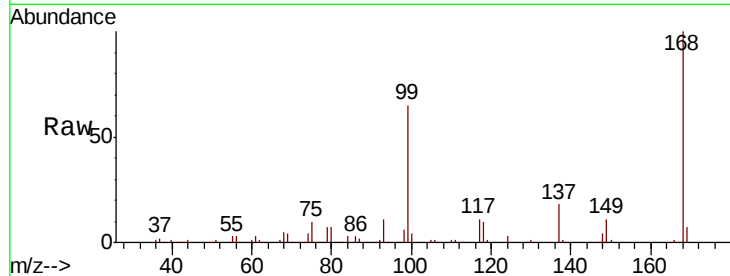




#36
 1,1-Dichloropropene
 Concen: 4.744 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

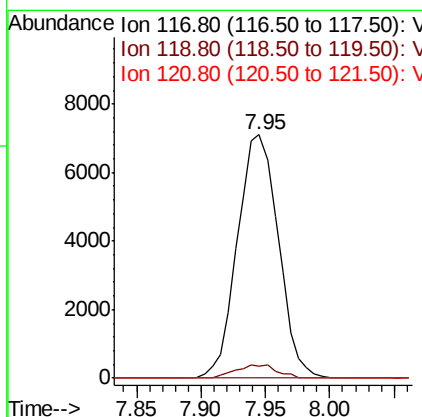
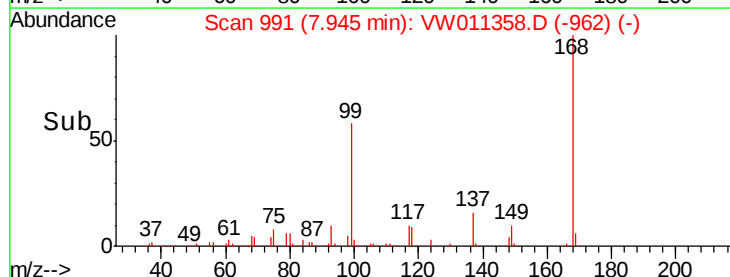
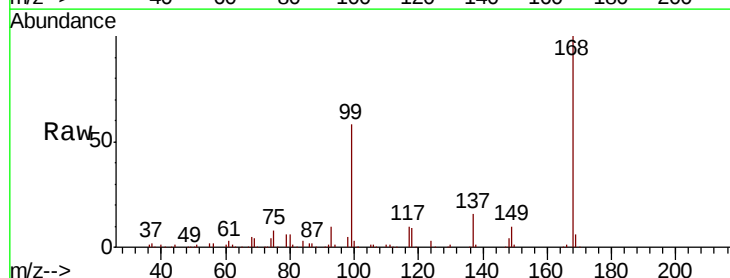
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

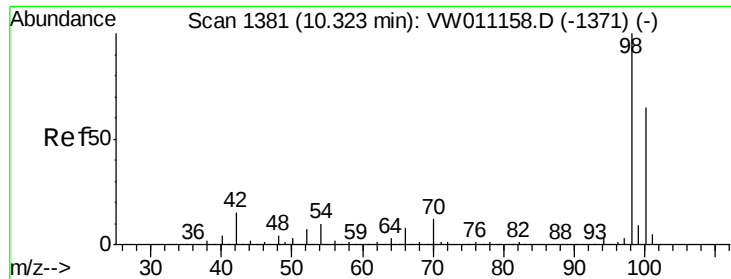
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.391 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 26.565 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011358.D

Acq: 19 Jul 2019 03:25

Instrument :

MSVOA_W

ClientSampleId :

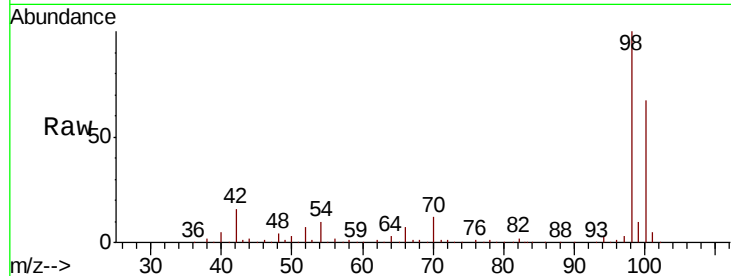
SB-4(0-2)

Tot Ion: 98 Resp: 173537

Ion Ratio Lower Upper

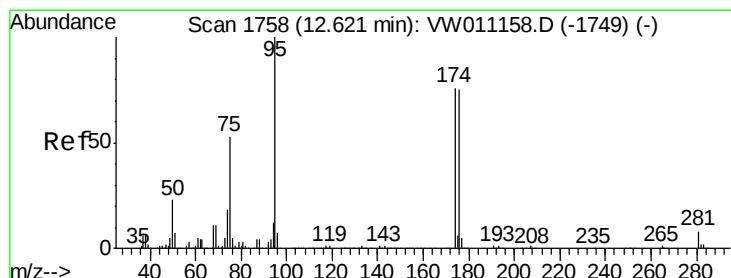
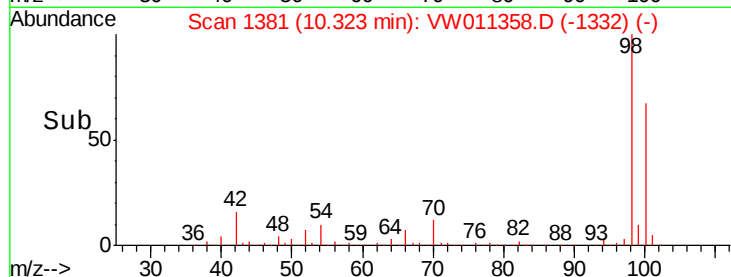
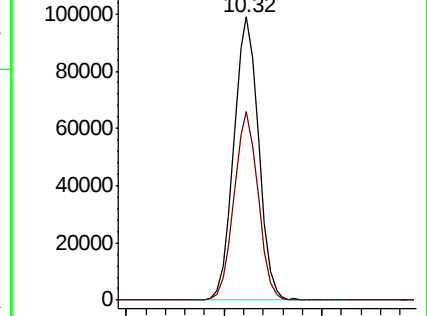
98 100

100 64.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 33.381 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011358.D

Acq: 19 Jul 2019 03:25

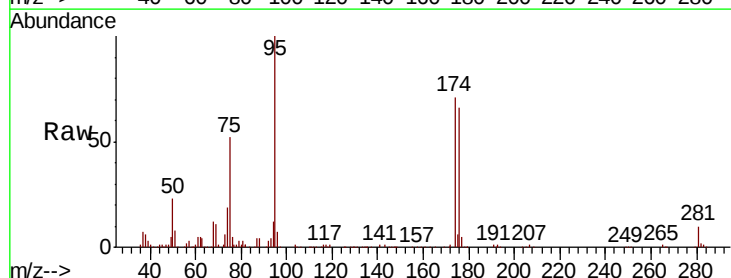
Tgt Ion: 95 Resp: 79927

Ion Ratio Lower Upper

95 100

174 75.4 0.0 147.6

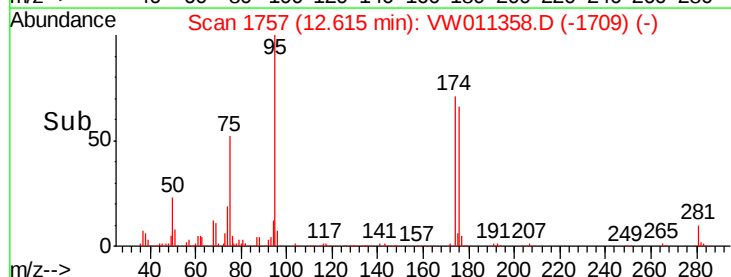
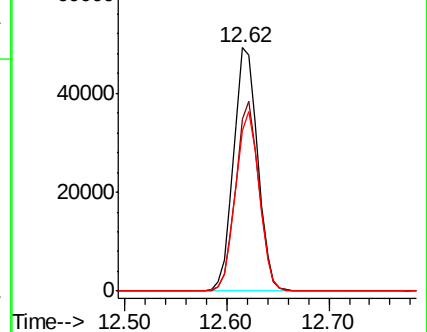
176 72.8 0.0 144.6

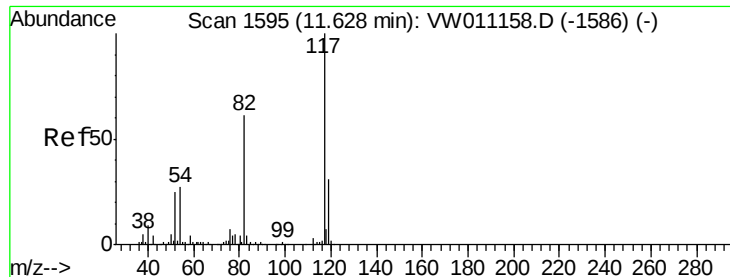


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

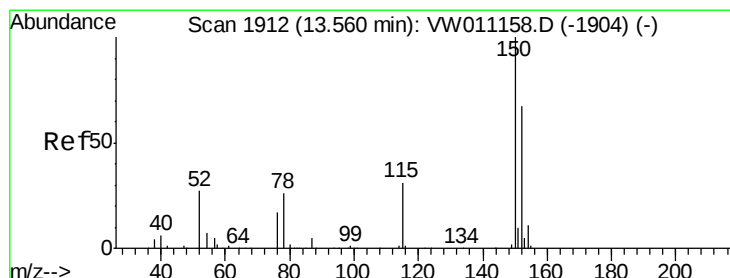
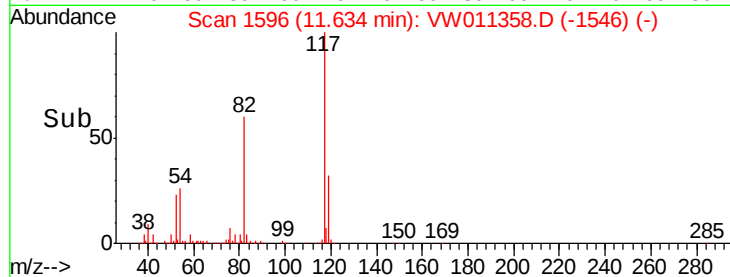
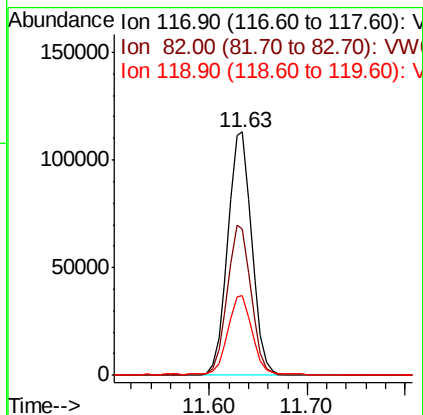
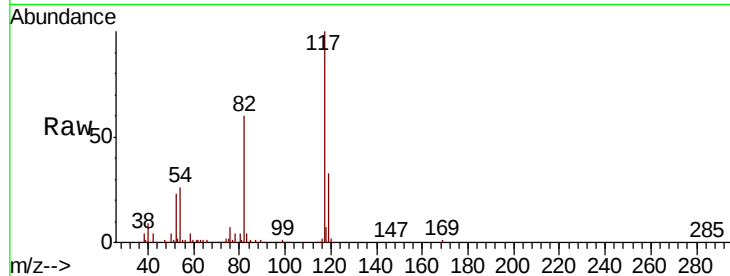




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

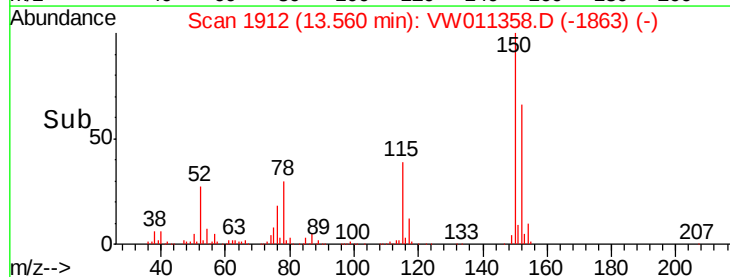
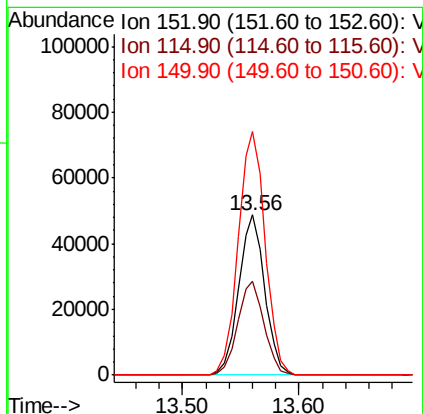
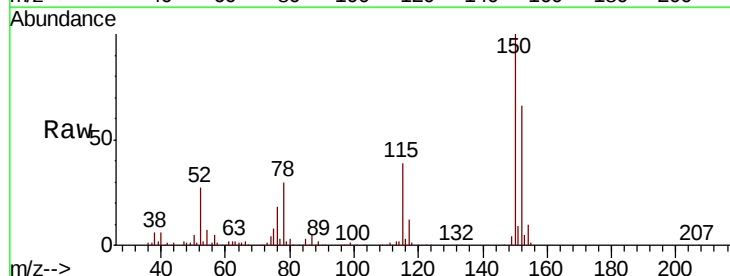
Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)

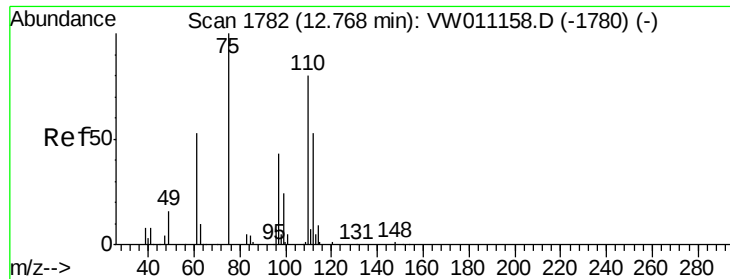
Tot Ion:117 Resp: 192532
Ion Ratio Lower Upper
117 100
82 59.9 48.9 73.3
119 32.4 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011358.D
Acq: 19 Jul 2019 03:25

Tgt Ion:152 Resp: 75956
Ion Ratio Lower Upper
152 100
115 59.1 30.1 90.3
150 156.7 0.0 346.0

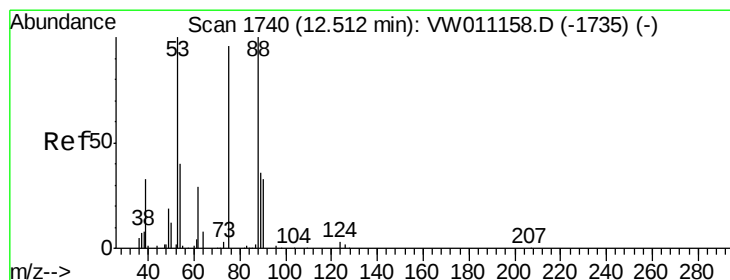
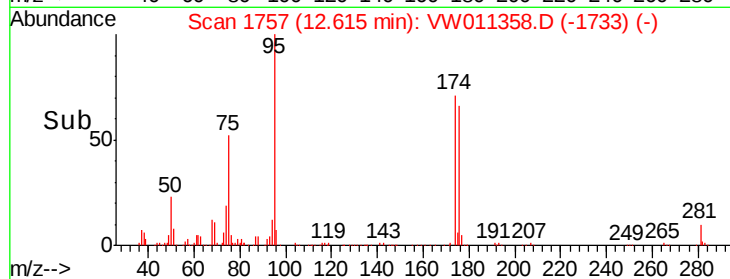
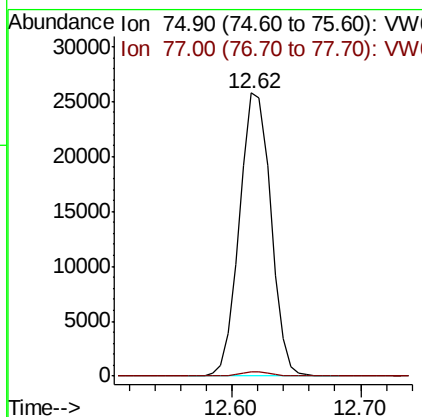
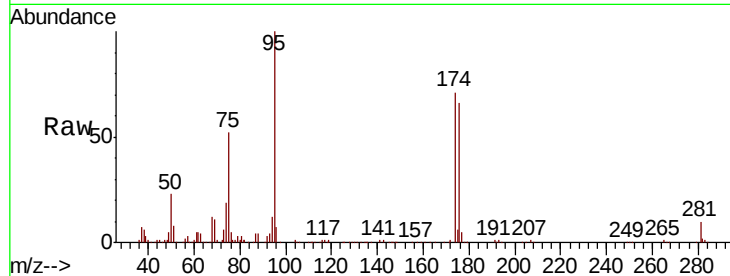




#76
 1,2,3-Trichloropropane
 Concen: 49.500 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

Tot Ion: 75 Resp: 43450
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.961 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011358.D
 Acq: 19 Jul 2019 03:25

Tgt Ion: 75 Resp: 43450
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.8 134.6#
 89 0.1 34.3 51.5#

