

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011395.D
 Acq On : 20 Jul 2019 01:18
 Operator : SY/VA
 Sample : K3835-44
 Misc : 6.44G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6(8-10)

Quant Time: Jul 20 05:55:50 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	271301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	389958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	157527	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	182775	53.62	ug/l	0.00
Spiked Amount			Recovery	=	107.24%	
35) Dibromofluoromethane	7.88	113	143357	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	
50) Toluene-d8	10.32	98	578381	51.91	ug/l	0.00
Spiked Amount			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.62	95	188482	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	

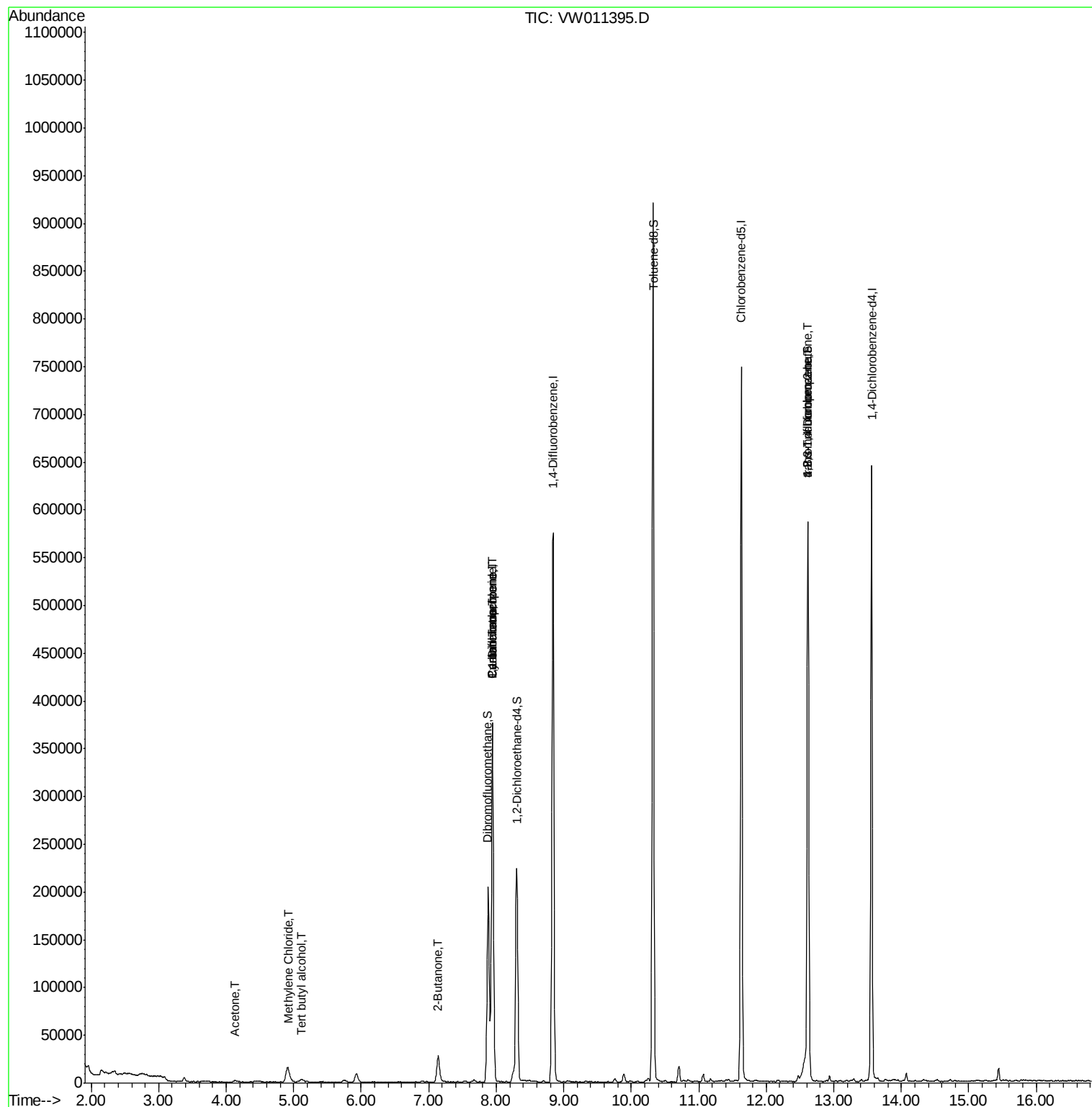
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	2812	11.141	ug/l #	72
16) Acetone	4.14	43	3930	4.791	ug/l	99
18) Methyl Acetate	4.67	43	496	Below Cal	#	77
20) Methylene Chloride	4.92	84	11380	3.517	ug/l	94
25) 2-Butanone	7.13	43	2144	1.665	ug/l #	54
31) Cyclohexane	7.95	56	6858	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	23762	4.825	ug/l #	51
38) Carbon Tetrachloride	7.95	117	26779	6.414	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	100123	55.000	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	100123	124.399	ug/l #	6

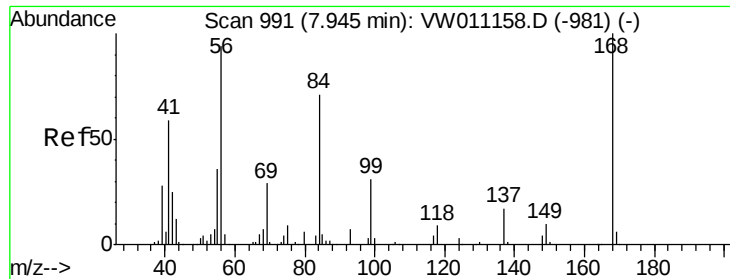
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011395.D

Acq: 20 Jul 2019 01:18

Instrument :

MSVOA_W

ClientSampleId :

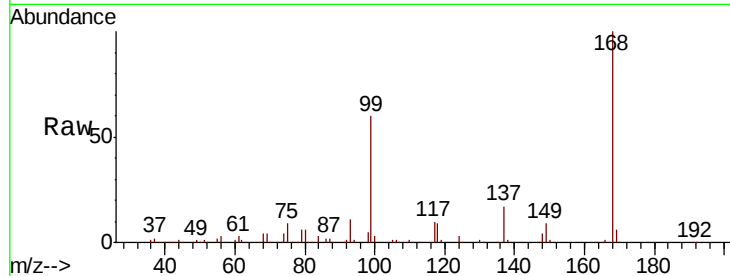
SB-6(8-10)

Tot Ion:168 Resp: 271301

Ion Ratio Lower Upper

168 100

99 60.3 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

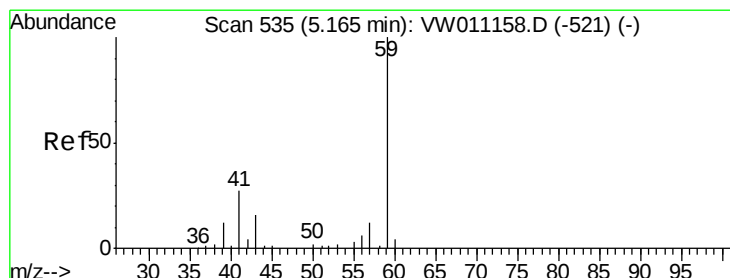
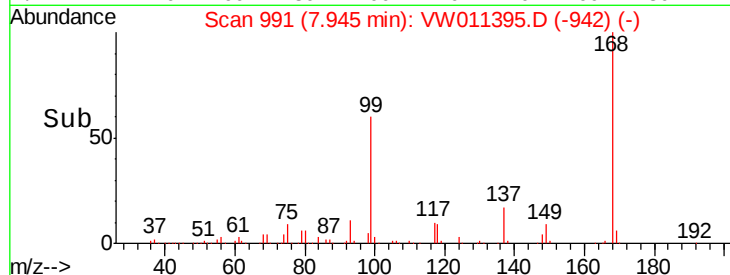
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 11.141 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.05 min

Lab File: VW011395.D

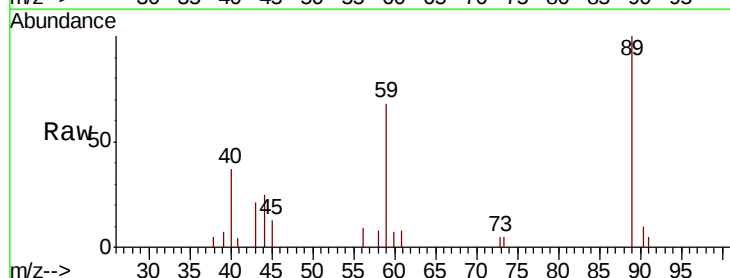
Acq: 20 Jul 2019 01:18

Tgt Ion: 59 Resp: 2812

Ion Ratio Lower Upper

59 100

57 0.7 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

800

600

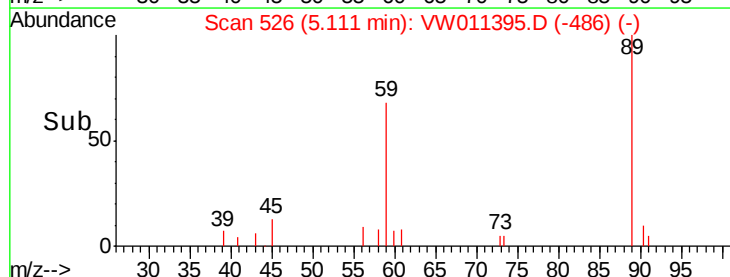
400

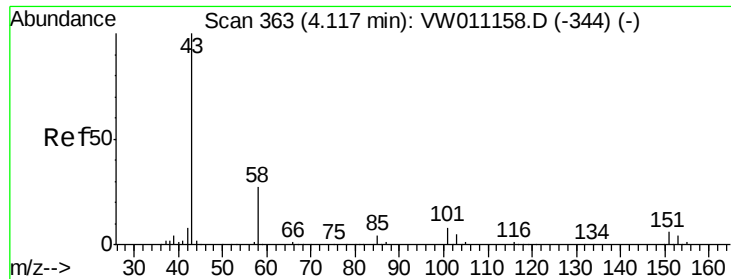
200

0

5.00 5.05 5.10 5.15 5.20

Time-->





#16

Acetone

Concen: 4.791 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011395.D

Acq: 20 Jul 2019 01:18

Instrument :

MSVOA_W

ClientSampleId :

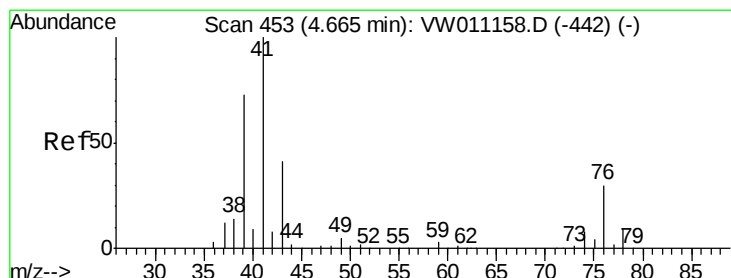
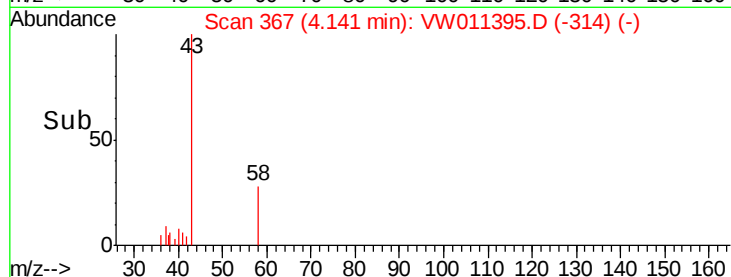
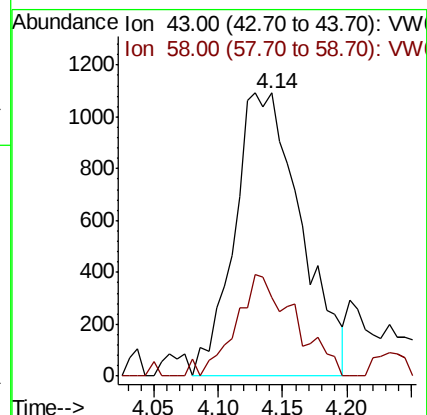
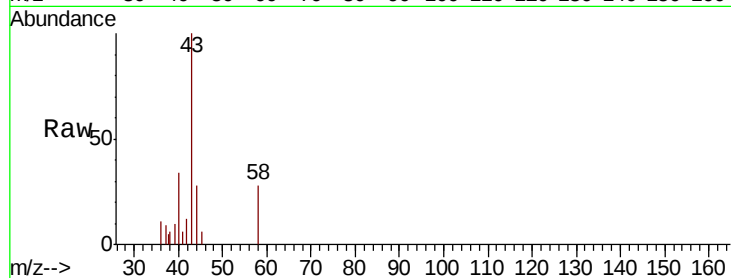
SB-6(8-10)

Tot Ion: 43 Resp: 3930

Ion Ratio Lower Upper

43 100

58 27.9 21.8 32.6



#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW011395.D

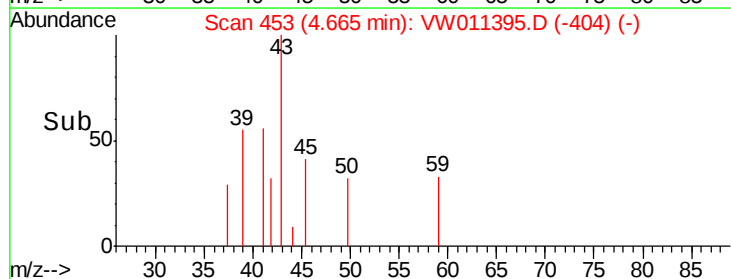
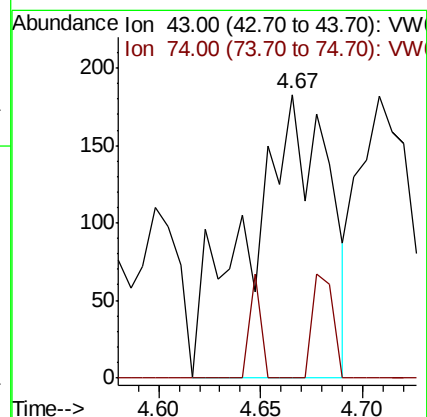
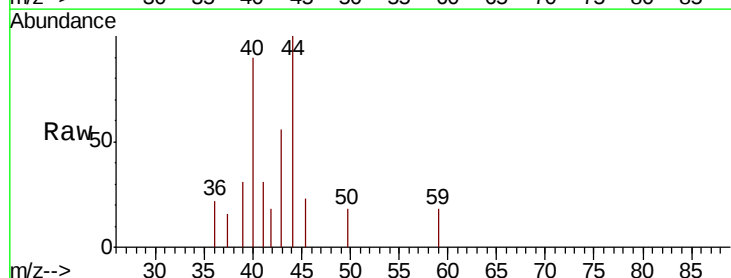
Acq: 20 Jul 2019 01:18

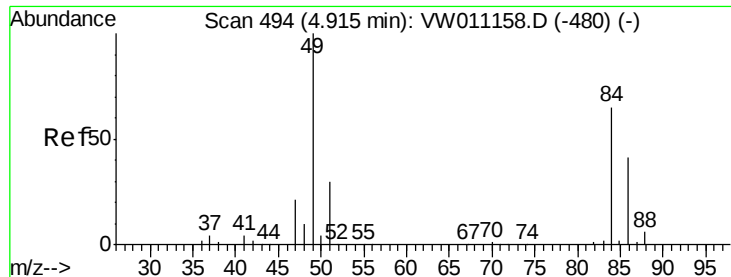
Tgt Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

74 9.3 15.7 23.5#

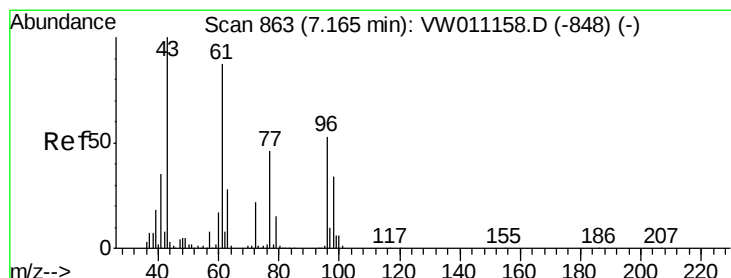
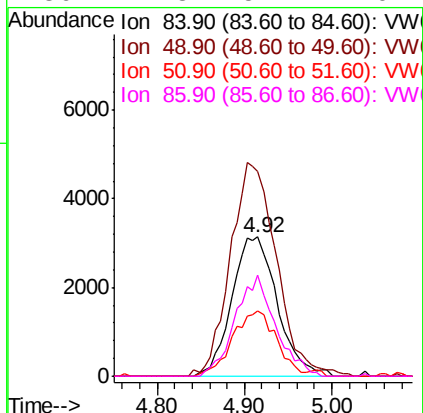
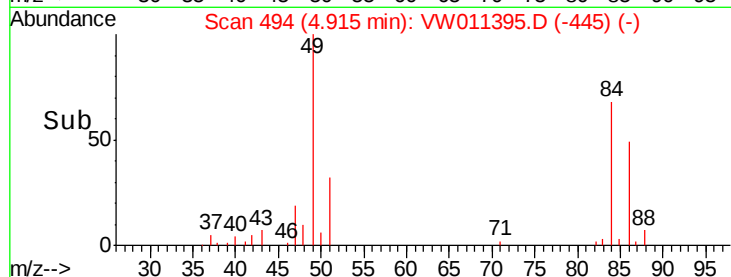
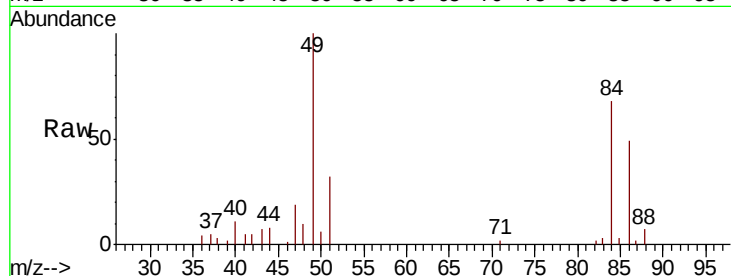




#20
Methvlene Chloride
Concen: 3.517 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011395.D
Acq: 20 Jul 2019 01:18

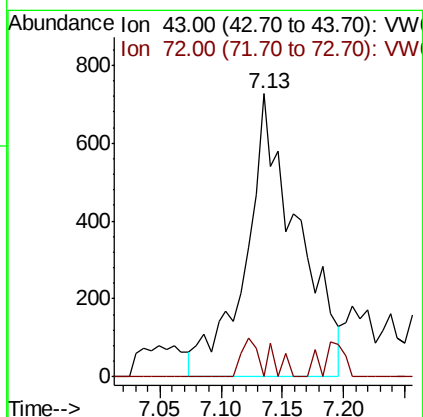
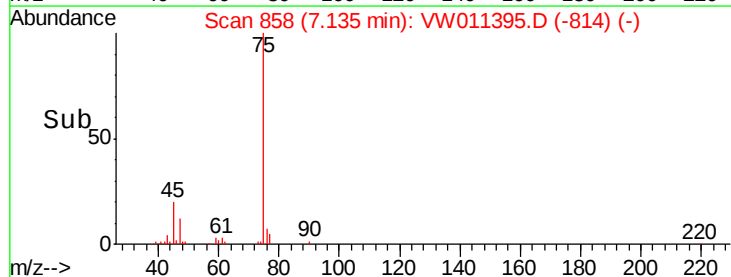
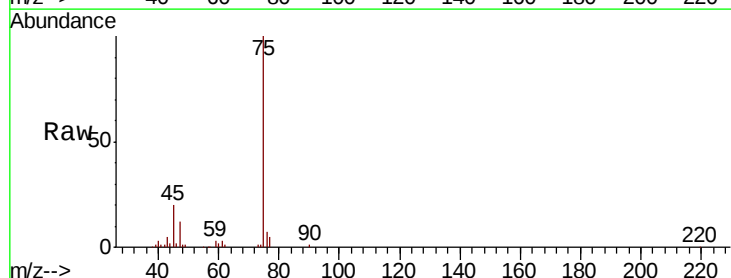
Instrument :
MSVOA_W
ClientSampleId :
SB-6(8-10)

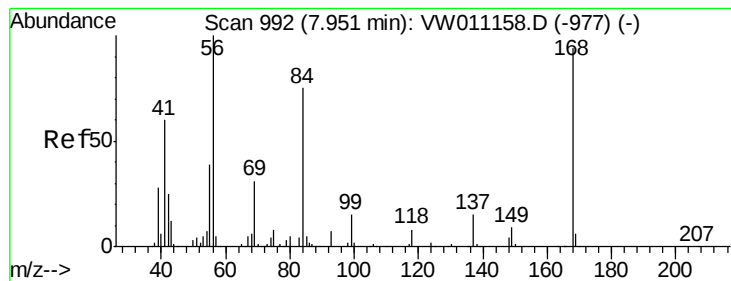
Tot Ion: 84 Resp: 11380
Ion Ratio Lower Upper
84 100
49 147.3 123.8 185.6
51 46.9 37.4 56.2
86 72.8 51.1 76.7



#25
2-Butanone
Concen: 1.665 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW011395.D
Acq: 20 Jul 2019 01:18

Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
72 0.0 17.6 26.4#





#31

Cyclohexane

Concen: 1.039 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011395.D

Acq: 20 Jul 2019 01:18

Instrument :

MSVOA_W

ClientSampleId :

SB-6(8-10)

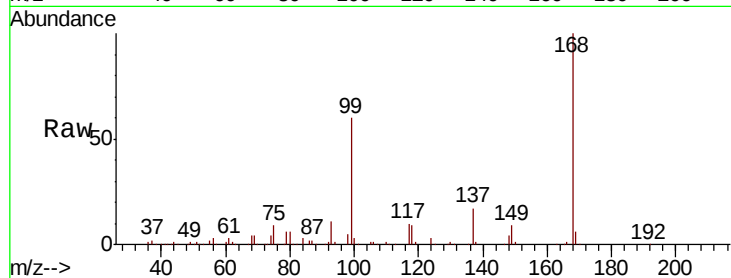
Tot Ion: 56 Resp: 6858

Ion Ratio Lower Upper

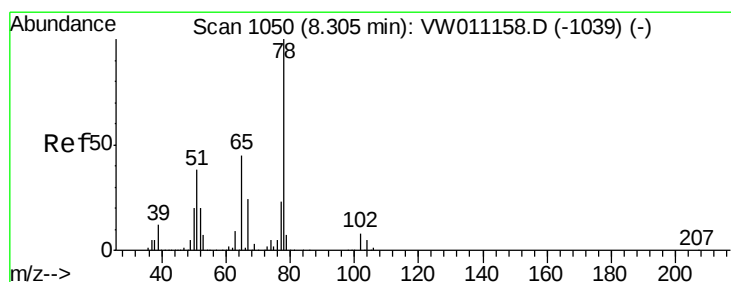
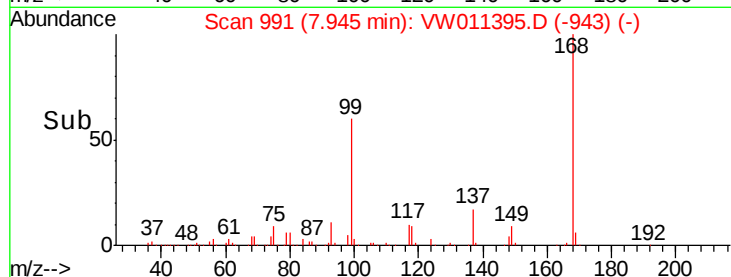
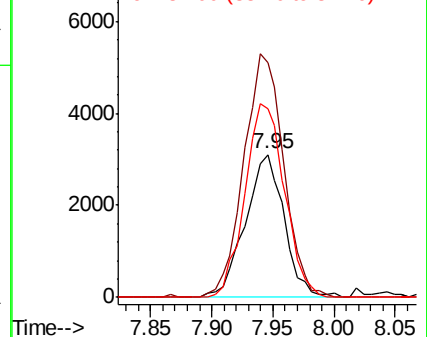
56 100

69 164.9 24.6 36.8#

84 132.6 60.1 90.1#



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: 53.615 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011395.D

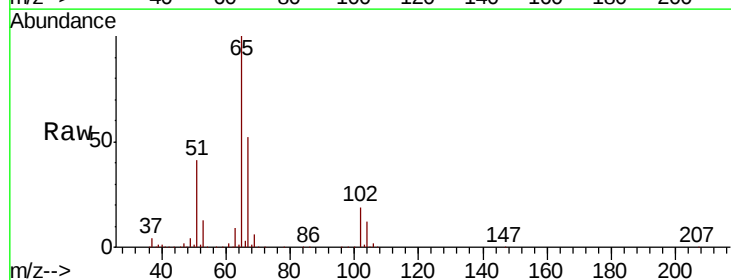
Acq: 20 Jul 2019 01:18

Tgt Ion: 65 Resp: 182775

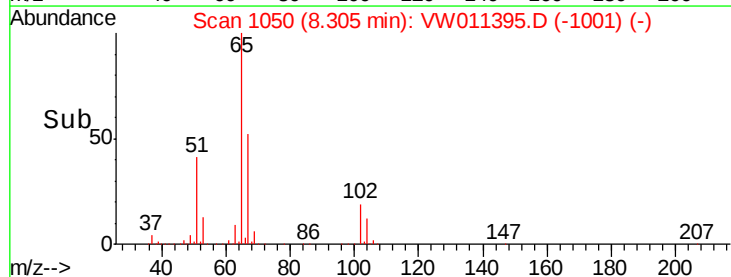
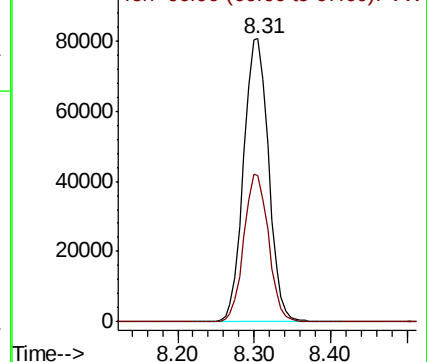
Ion Ratio Lower Upper

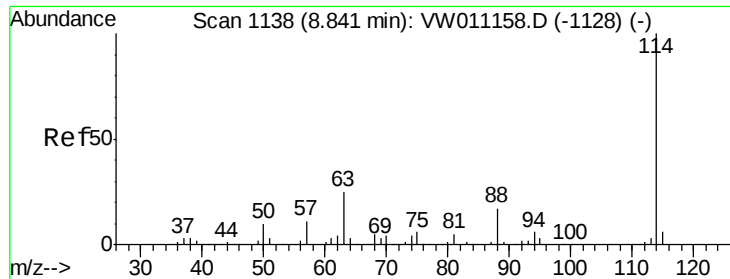
65 100

67 51.5 0.0 104.4



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

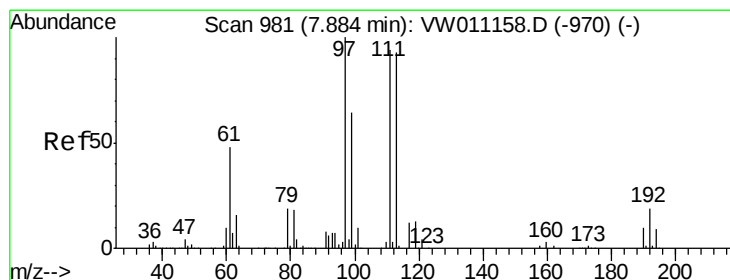
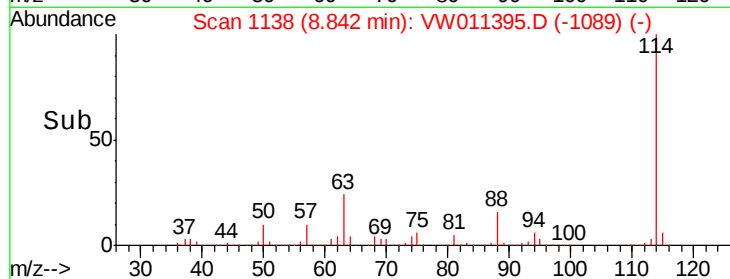
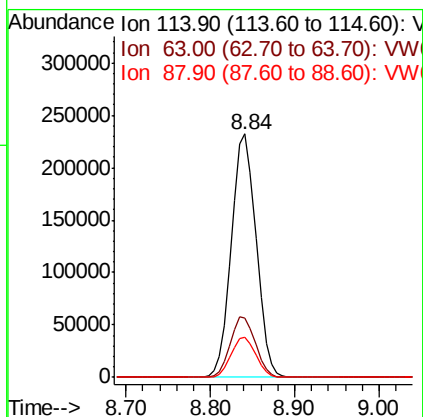
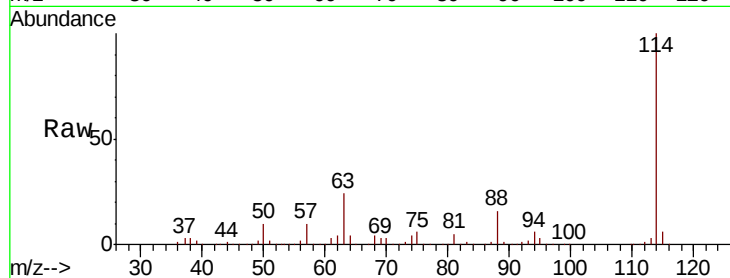




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011395.D
 Acq: 20 Jul 2019 01:18

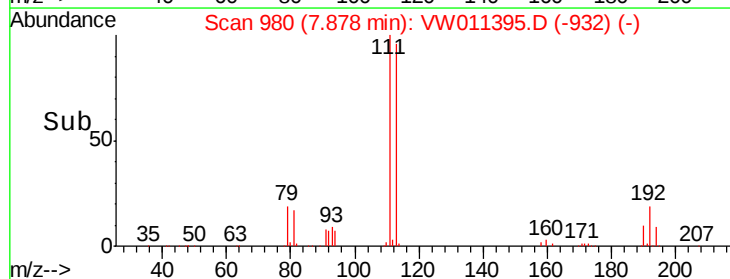
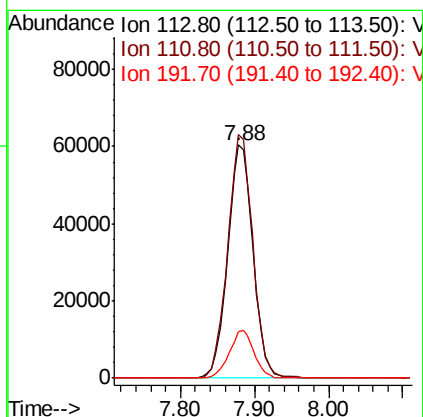
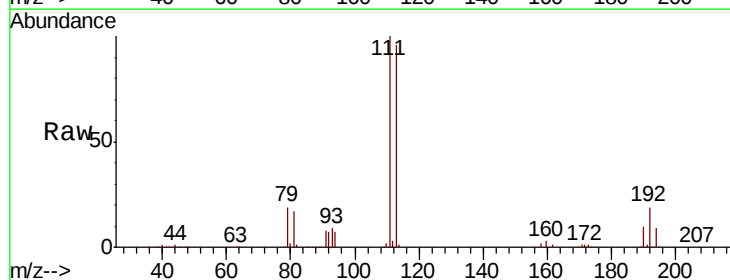
Instrument :
 MSVOA_W
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 SB-6(8-10)

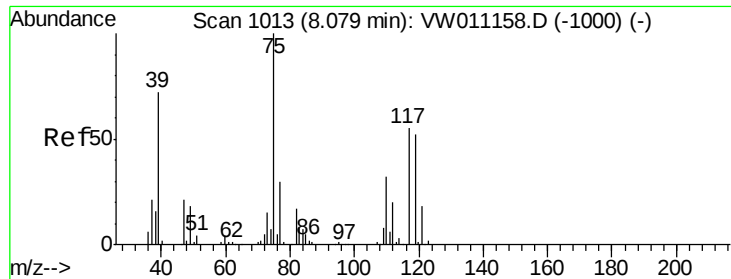
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	50.8
88	16.3	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 52.006 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011395.D
 Acq: 20 Jul 2019 01:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.4	123.6
192	20.1	15.8	23.8

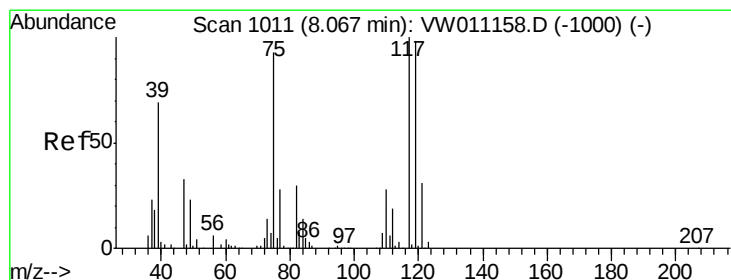
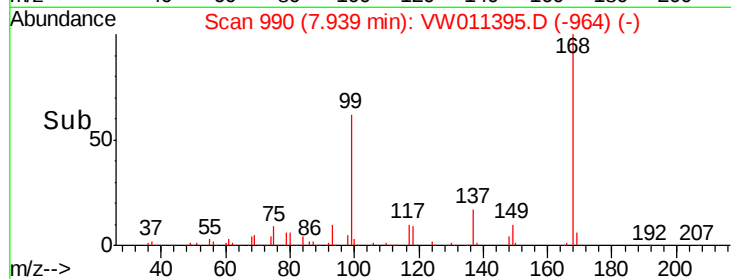
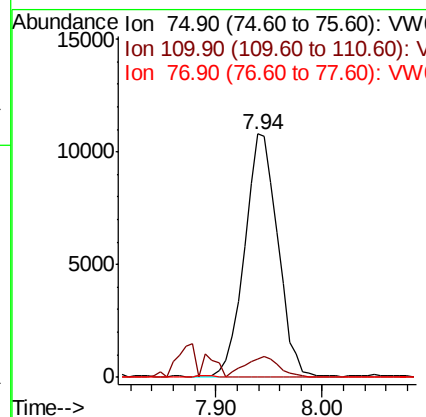
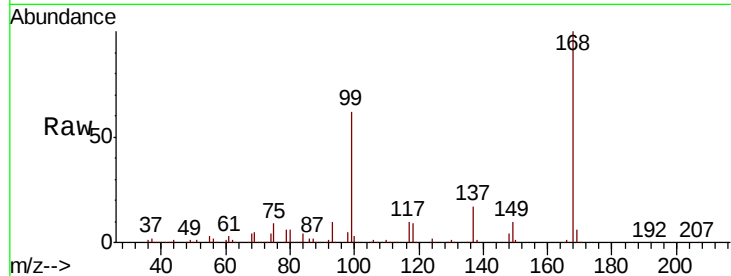




#36
 1,1-Dichloropropene
 Concen: 4.825 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011395.D
 Acq: 20 Jul 2019 01:18

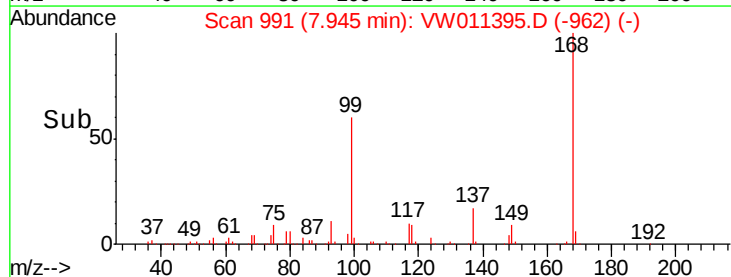
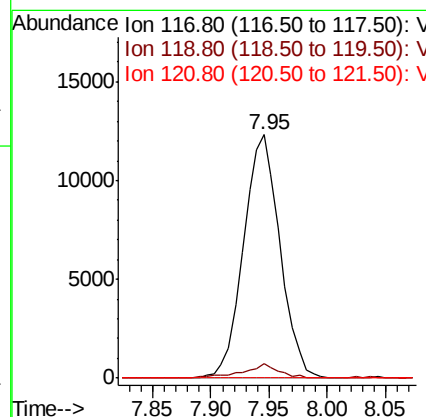
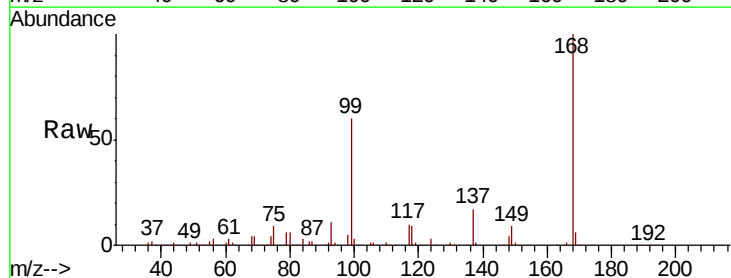
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6(8-10)

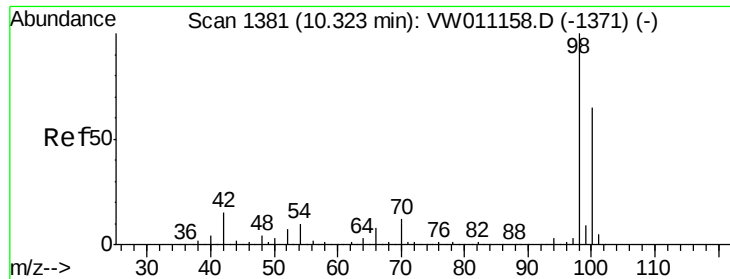
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.414 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011395.D
 Acq: 20 Jul 2019 01:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 51.908 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011395.D

Acq: 20 Jul 2019 01:18

Instrument :

MSVOA_W

ClientSampleId :

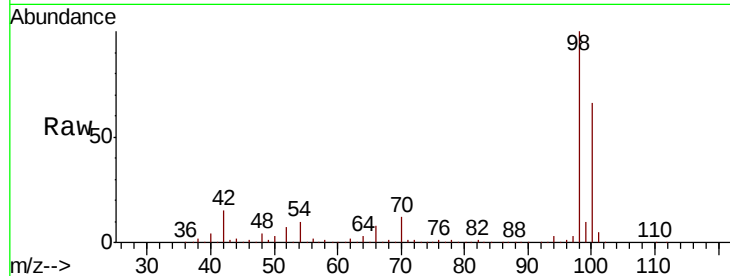
SB-6(8-10)

Tot Ion: 98 Resp: 578381

Ion Ratio Lower Upper

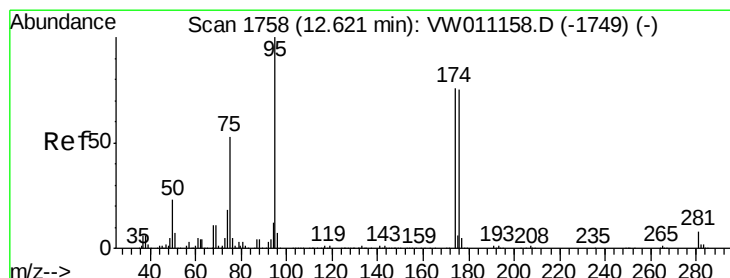
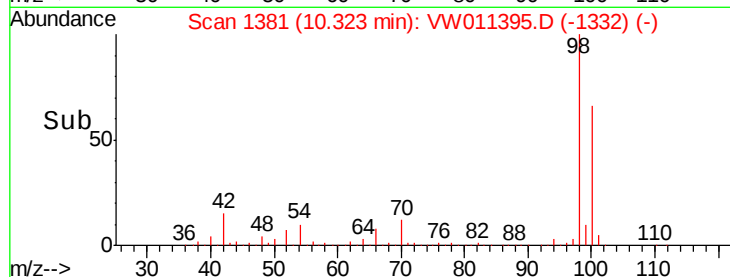
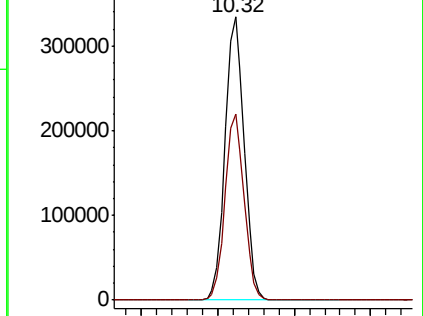
98 100

100 65.2 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: 46.150 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011395.D

Acq: 20 Jul 2019 01:18

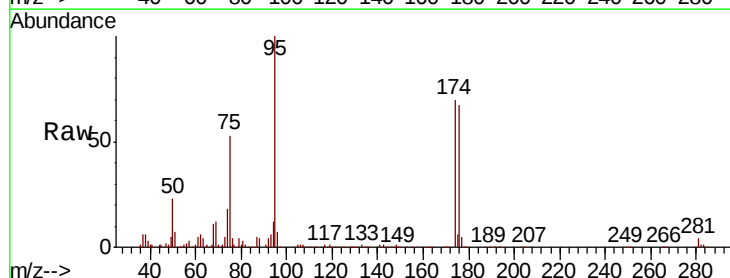
Tgt Ion: 95 Resp: 188482

Ion Ratio Lower Upper

95 100

174 74.3 0.0 147.6

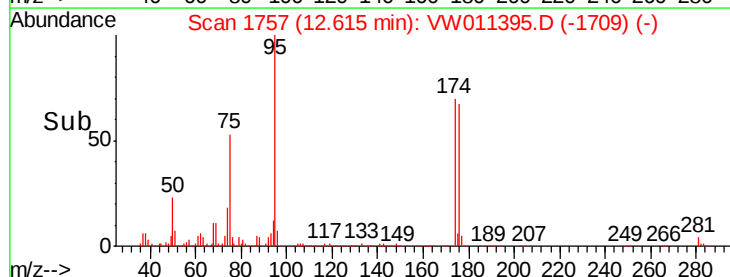
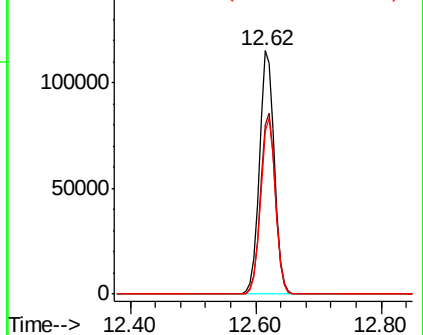
176 71.6 0.0 144.6

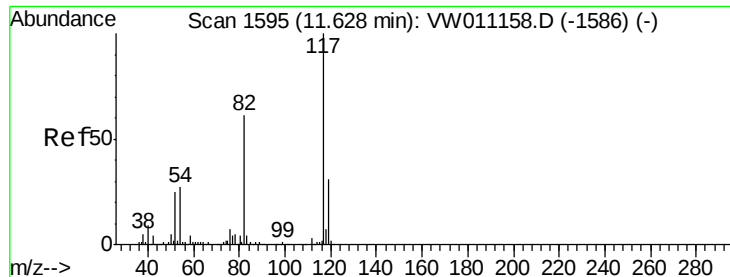


Abundance Ion 94.90 (94.60 to 95.60): VW

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. 0.00 min

Lab File: VW011395.D

Acq: 20 Jul 2019 01:18

Instrument :

MSVOA_W

ClientSampleId :

SB-6(8-10)

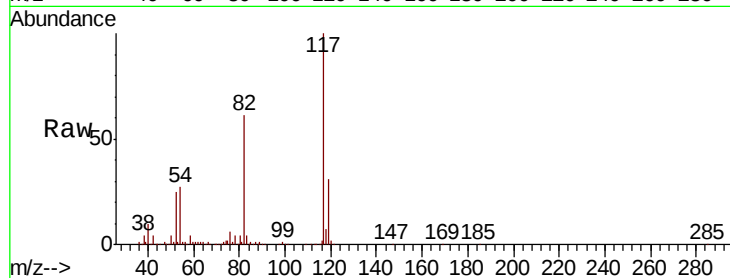
Tot Ion:117 Resp: 389958

Ion Ratio Lower Upper

117 100

82 61.4 48.9 73.3

119 31.4 25.0 37.6

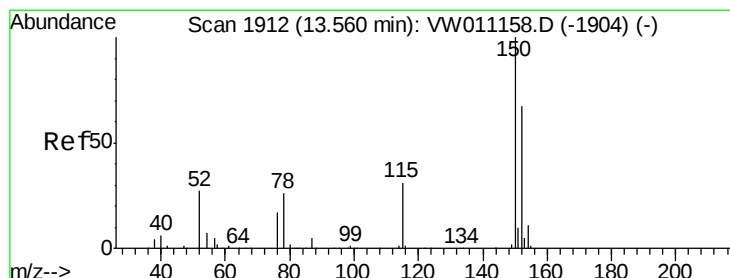
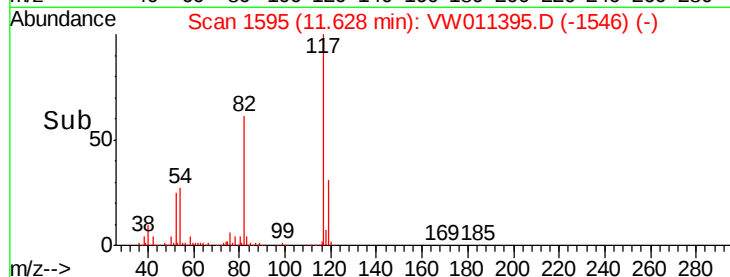
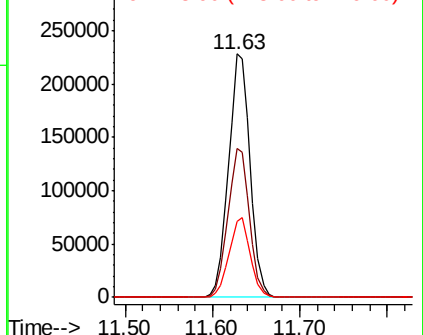


Abundance

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011395.D

Acq: 20 Jul 2019 01:18

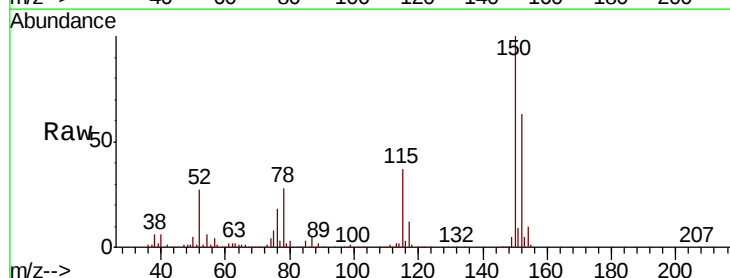
Tgt Ion:152 Resp: 157527

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 157.5 0.0 346.0

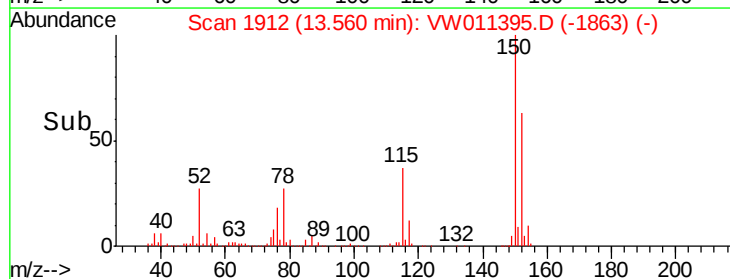
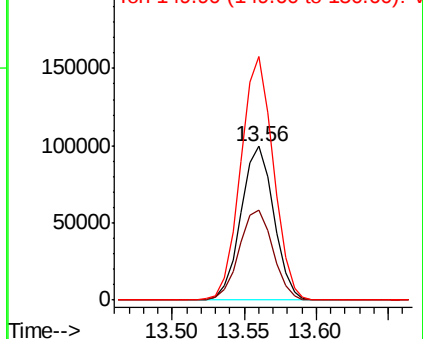


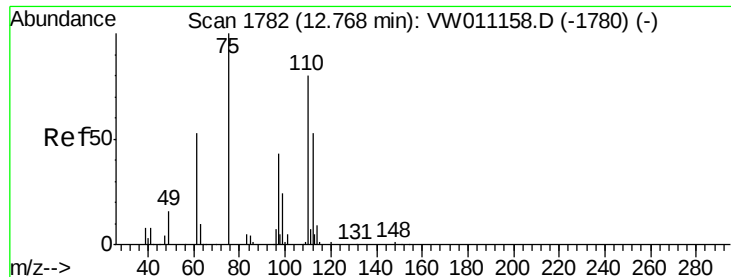
Abundance

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

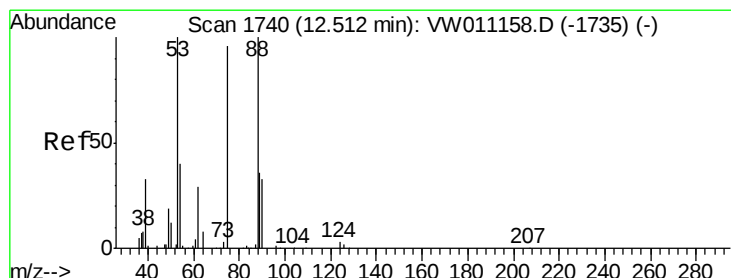
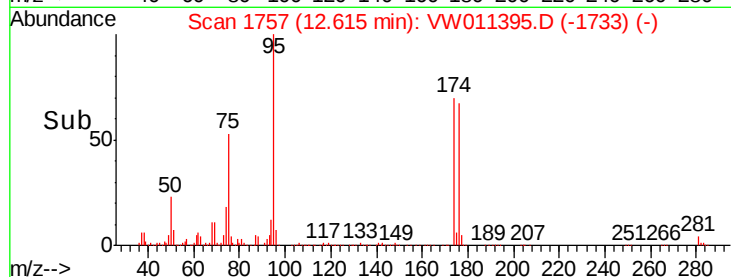
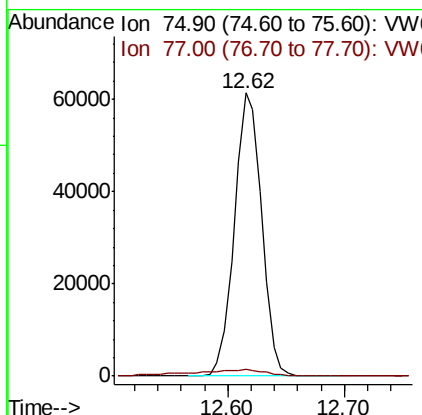
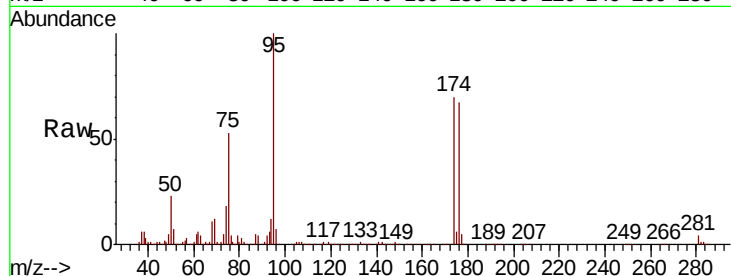




#76
 1,2,3-Trichloropropane
 Concen: 55.000 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011395.D
 Acq: 20 Jul 2019 01:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6(8-10)

Tot Ion: 75 Resp: 100123
 Ion Ratio Lower Upper
 75 100
 77 4.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.399 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011395.D
 Acq: 20 Jul 2019 01:18

Tgt Ion: 75 Resp: 100123
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.8 134.6#
 89 0.1 34.3 51.5#

