

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011443.D
 Acq On : 23 Jul 2019 20:55
 Operator : SY/VA
 Sample : VW0724WSBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBL01

Quant Time: Jul 24 06:38:42 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	226862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135047	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	145736	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
35) Dibromofluoromethane	7.88	113	115468	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
50) Toluene-d8	10.32	98	467785	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.62	95	152556	45.52	ug/l	0.00
Spiked Amount			Recovery	=	91.04%	

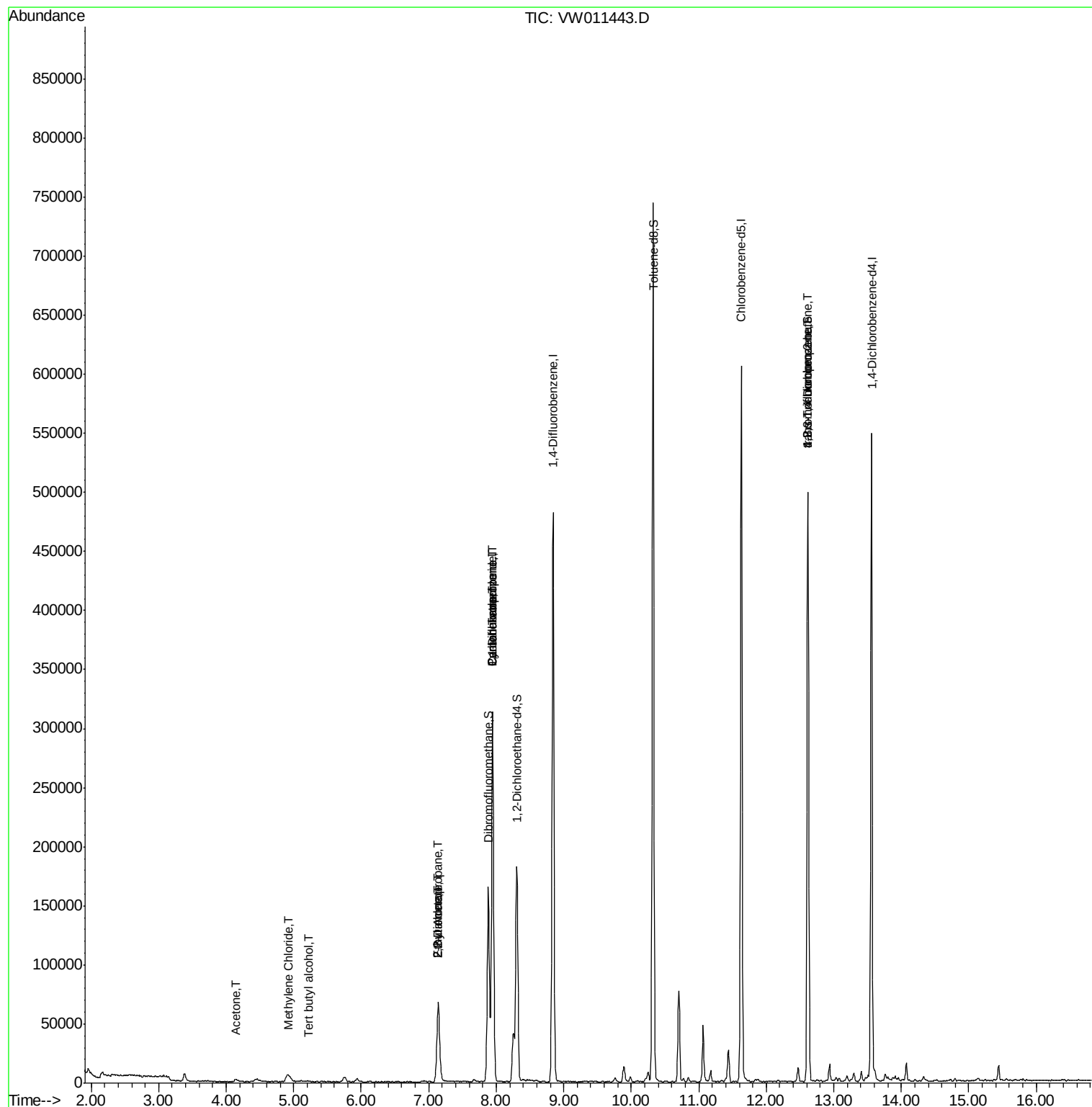
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.22	59	980	4.643	ug/l #	77
16) Acetone	4.15	43	4284	6.246	ug/l	100
18) Methyl Acetate	4.68	43	201	Below Cal	#	57
20) Methylene Chloride	4.93	84	4717	1.743	ug/l #	77
25) 2-Butanone	7.14	43	4091	3.800	ug/l #	83
26) 2,2-Dichloropropane	7.14	77	4698	1.741	ug/l #	53
31) Cyclohexane	7.95	56	5528	1.001	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19780	4.894	ug/l #	50
37) Ethyl Acetate	7.14	43	4091	1.685	ug/l #	1
38) Carbon Tetrachloride	7.95	117	22320	6.515	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	81844	52.443	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81844	118.615	ug/l #	6

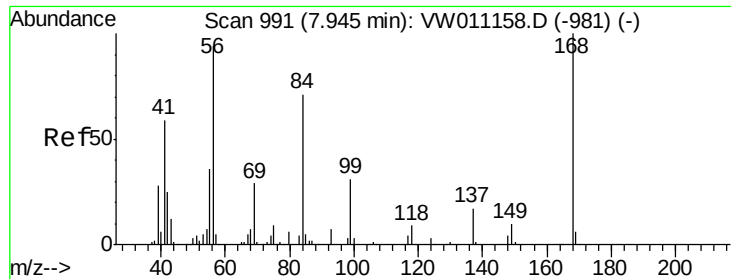
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011443.D

Acq: 23 Jul 2019 20:55

Instrument :

MSVOA_W

ClientSampleId :

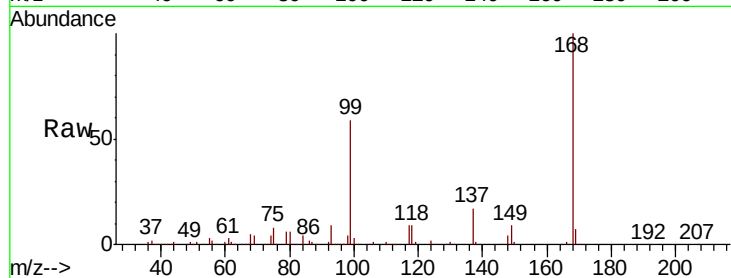
VW0724SBL01

Tot Ion:168 Resp: 226862

Ion Ratio Lower Upper

168 100

99 59.1 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

120000

100000

80000

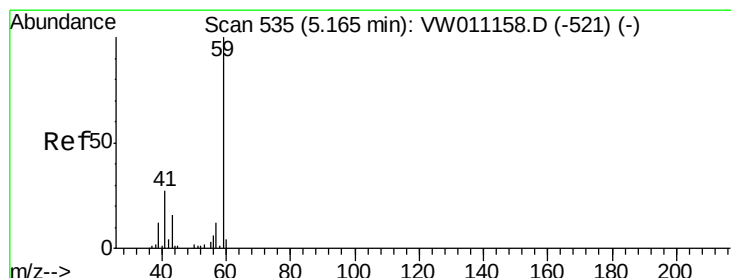
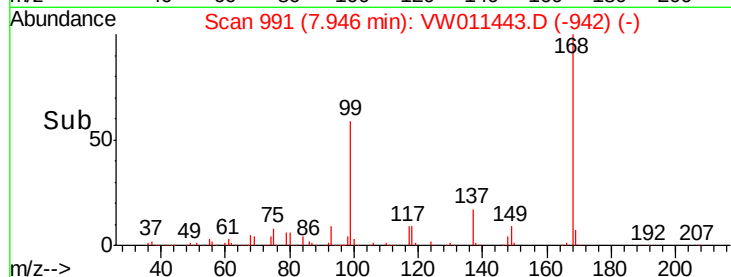
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 4.643 ug/l

RT: 5.22 min Scan# 544

Delta R.T. 0.06 min

Lab File: VW011443.D

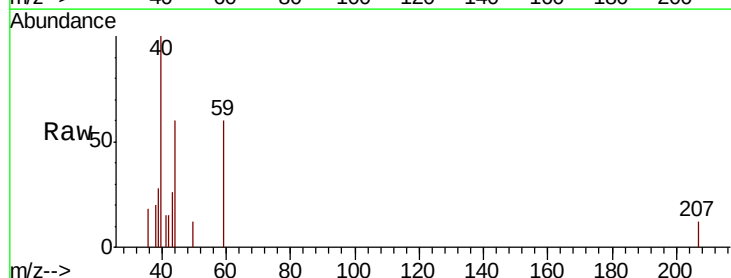
Acq: 23 Jul 2019 20:55

Tgt Ion: 59 Resp: 980

Ion Ratio Lower Upper

59 100

57 2.3 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

300

250

200

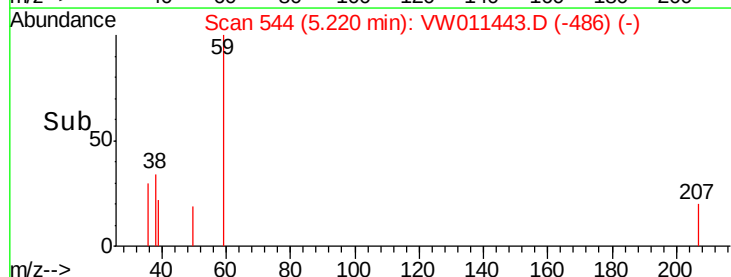
150

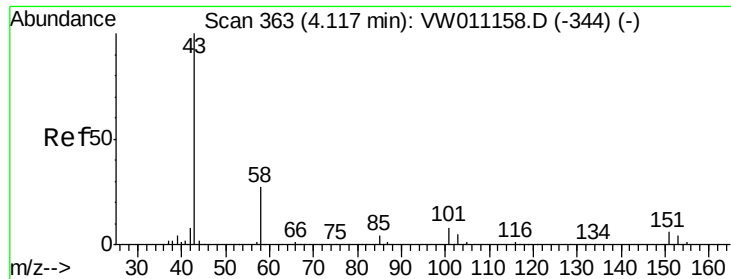
100

50

0

Time-->





#16

Acetone

Concen: 6.246 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.03 min

Lab File: VW011443.D

Acq: 23 Jul 2019 20:55

Instrument :

MSVOA_W

ClientSampled :

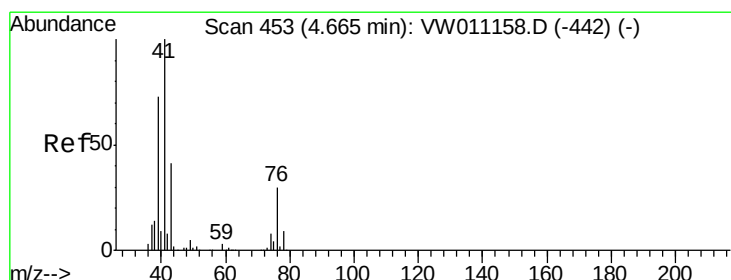
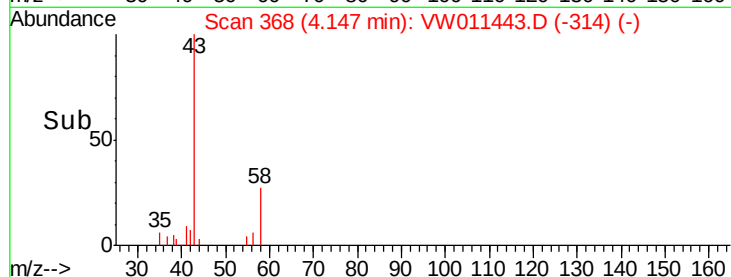
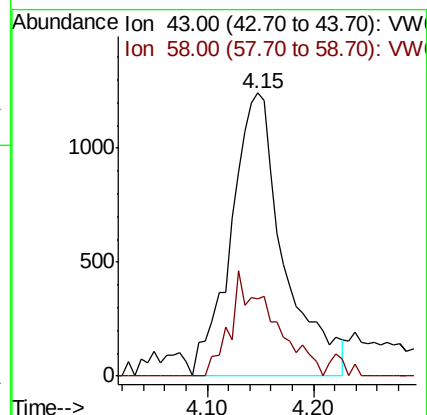
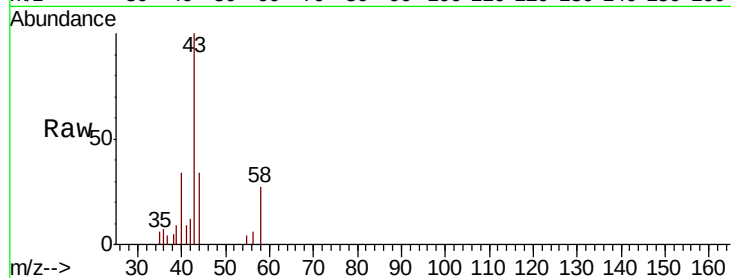
VW0724SBL01

Tot Ion: 43 Resp: 4284

Ion Ratio Lower Upper

43 100

58 27.3 21.8 32.6



#18

Methyl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

Lab File: VW011443.D

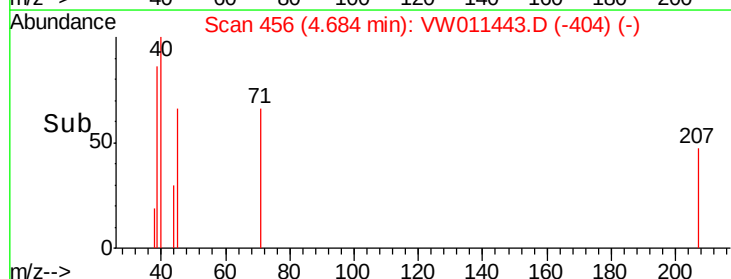
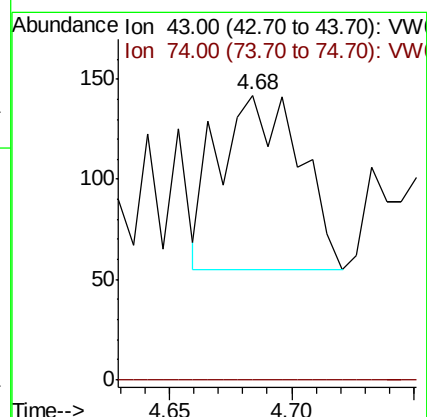
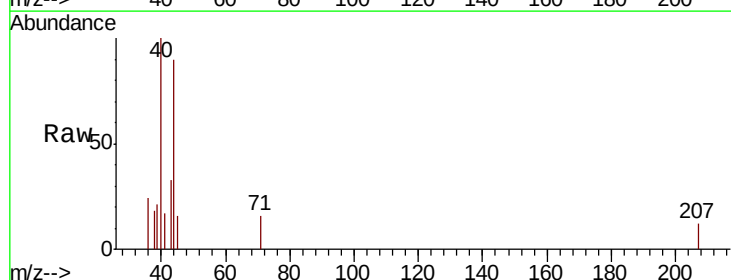
Acq: 23 Jul 2019 20:55

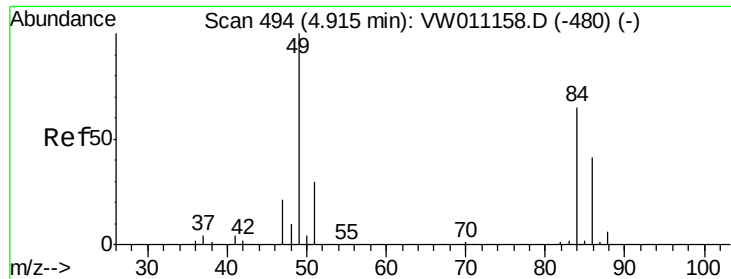
Tgt Ion: 43 Resp: 201

Ion Ratio Lower Upper

43 100

74 0.0 15.7 23.5#





#20

Methylene Chloride

Concen: 1.743 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW011443.D

Acq: 23 Jul 2019 20:55

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBL01

Tot Ion: 84 Resp: 4717

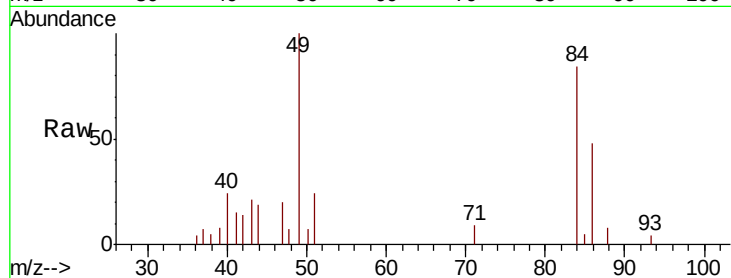
Ion Ratio Lower Upper

84 100

49 118.9 123.8 185.6#

51 29.0 37.4 56.2#

86 57.3 51.1 76.7



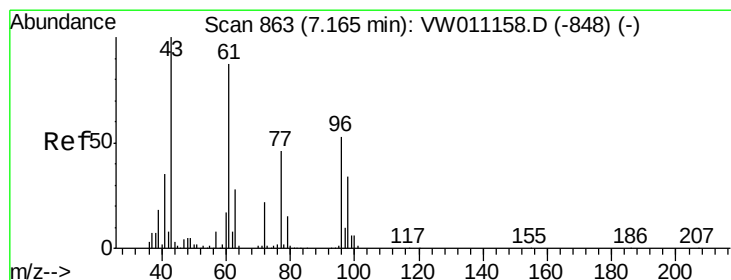
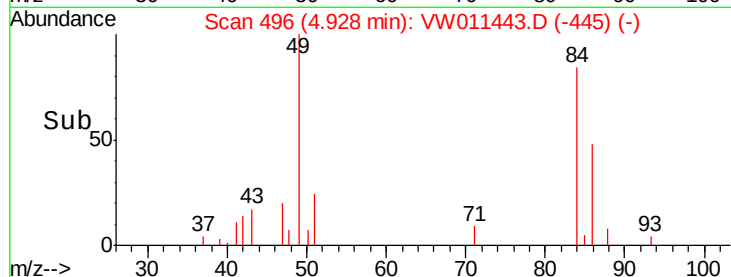
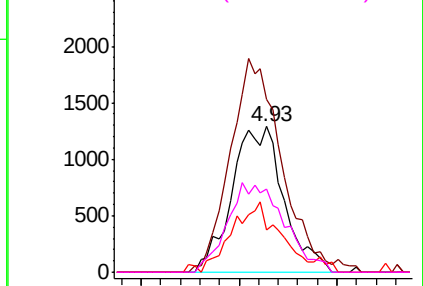
Abundance

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: 3.800 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011443.D

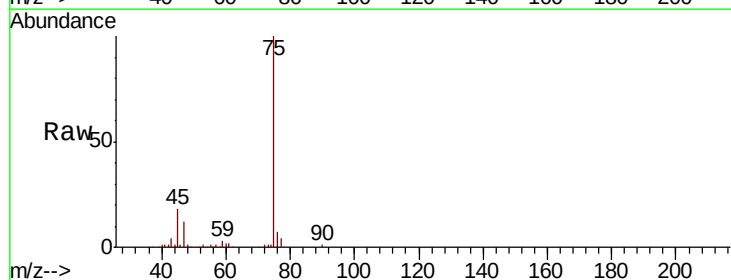
Acq: 23 Jul 2019 20:55

Tgt Ion: 43 Resp: 4091

Ion Ratio Lower Upper

43 100

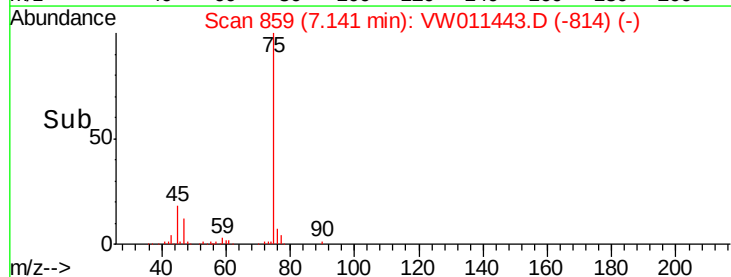
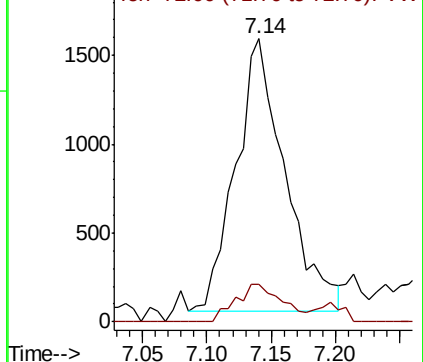
72 14.0 17.6 26.4#

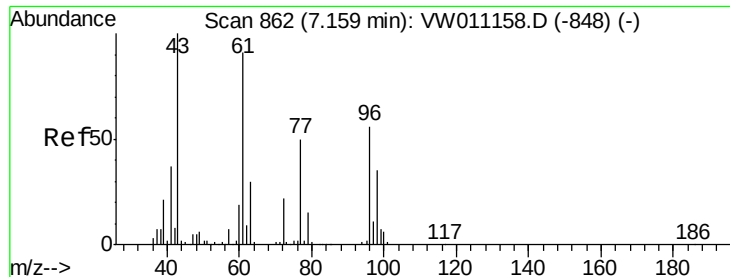


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

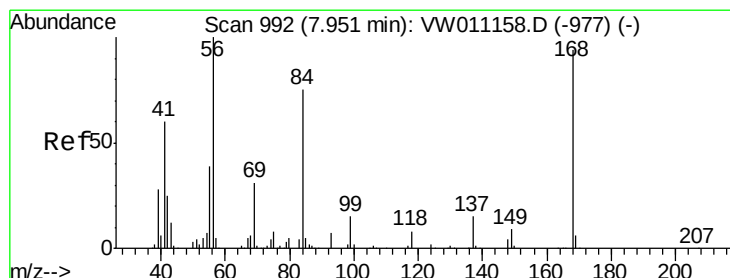
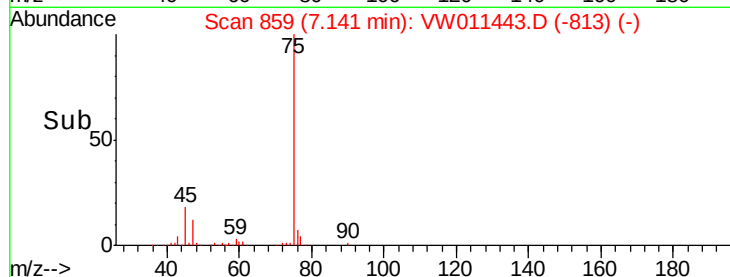
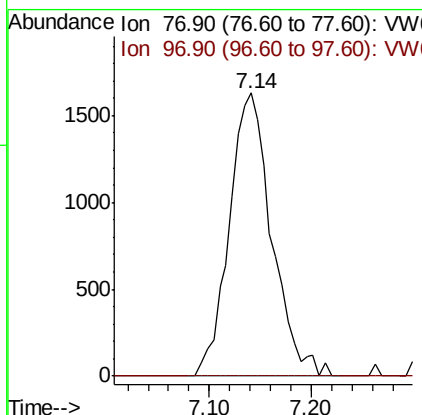
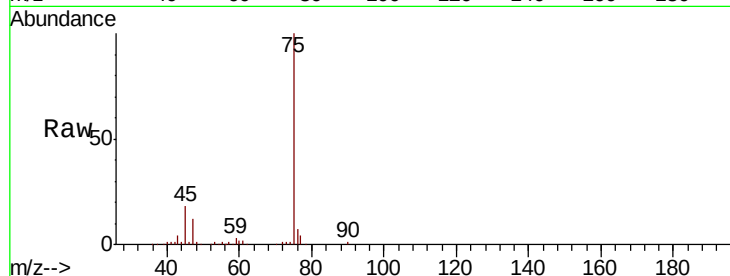




#26
 2,2-Dichloropropane
 Concen: 1.741 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW011443.D
 Acq: 23 Jul 2019 20:55

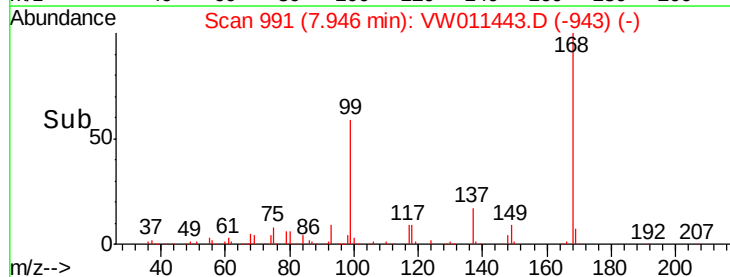
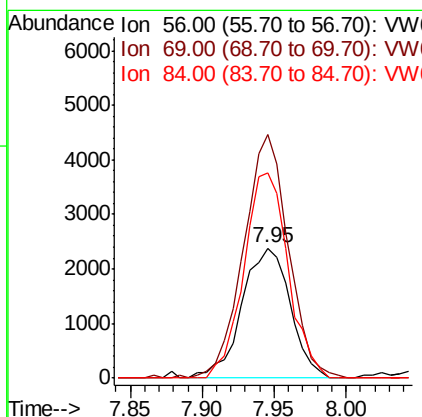
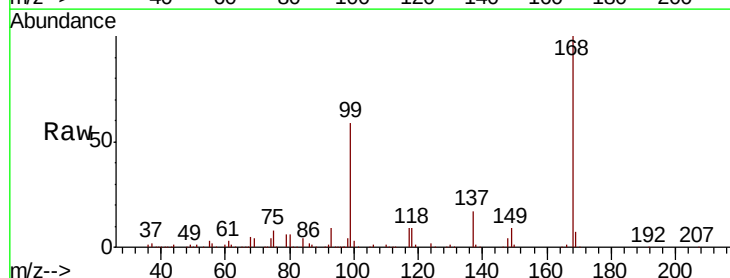
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBL01

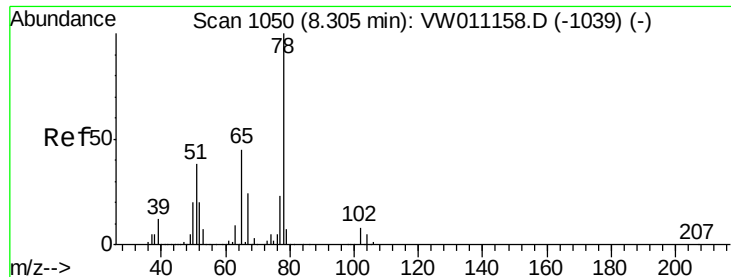
Tot Ion: 77 Resp: 4698
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#



#31
 Cyclohexane
 Concen: 1.001 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW011443.D
 Acq: 23 Jul 2019 20:55

Tgt Ion: 56 Resp: 5528
 Ion Ratio Lower Upper
 56 100
 69 187.3 24.6 36.8#
 84 157.9 60.1 90.1#

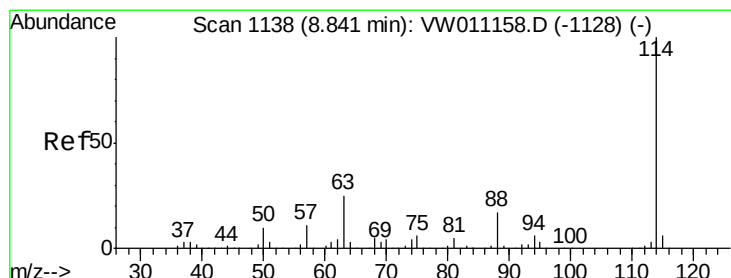
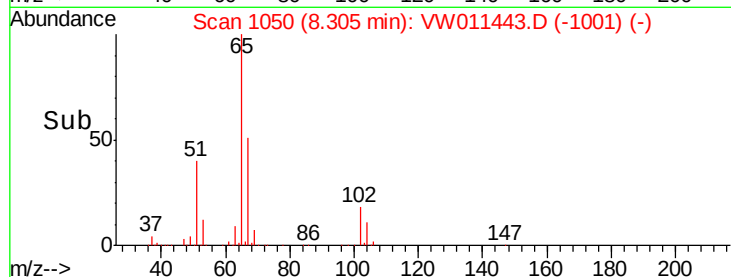
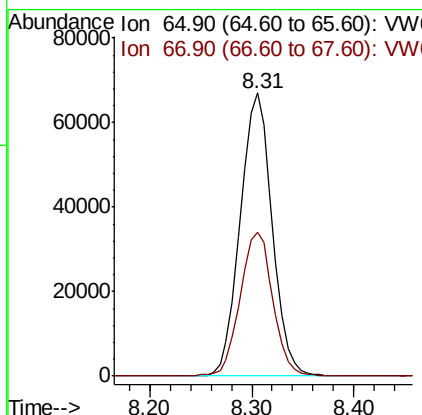
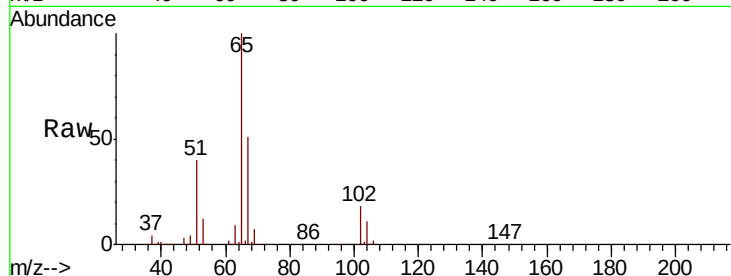




#33
 1,2-Dichloroethane-d4
 Concen: 51.125 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011443.D
 Acq: 23 Jul 2019 20:55

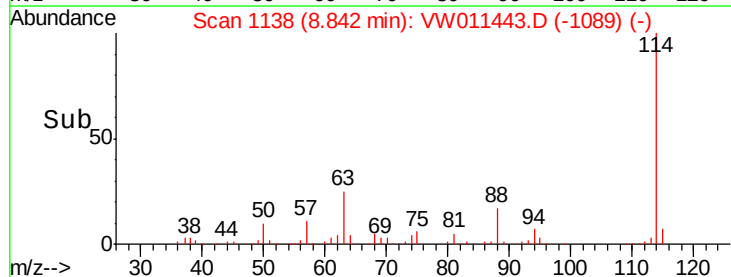
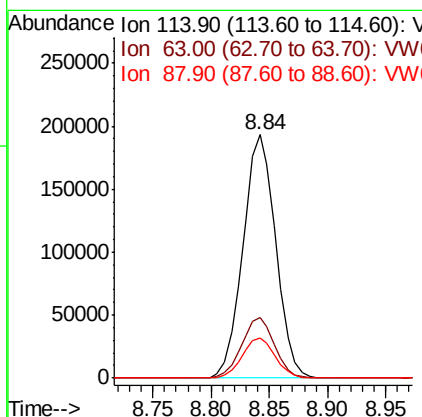
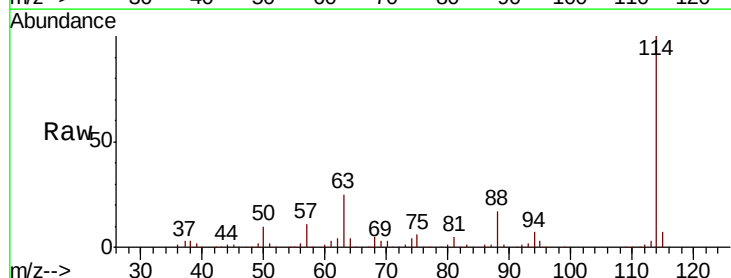
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0724SBL01

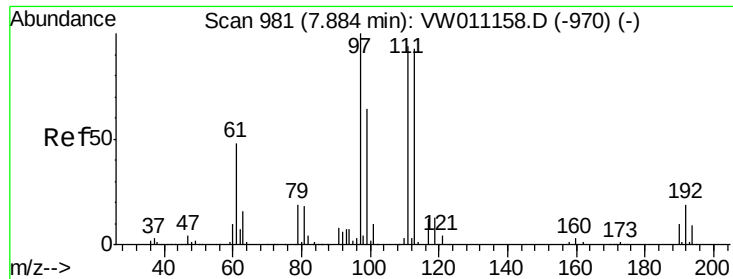
Tot Ion: 65 Resp: 145736
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011443.D
 Acq: 23 Jul 2019 20:55

Tgt Ion: 114 Resp: 379502
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.8
 88 16.6 0.0 34.2

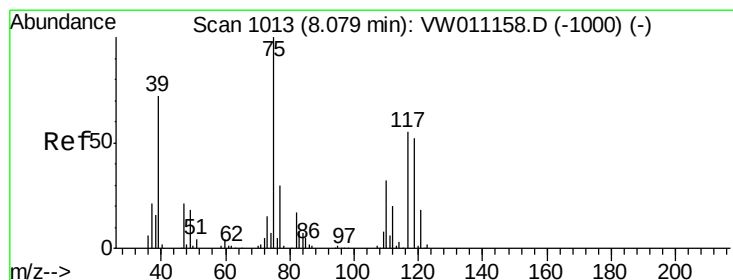
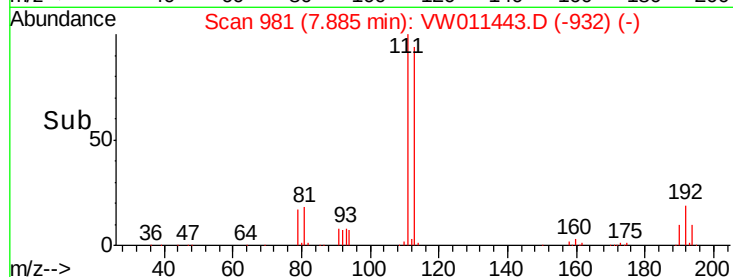
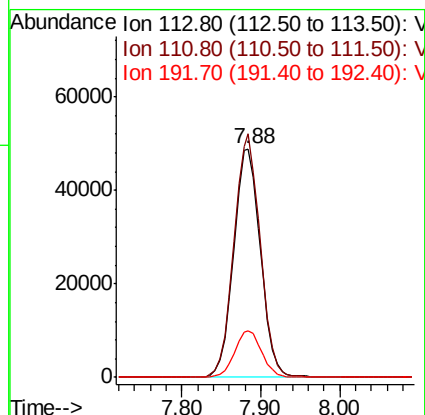
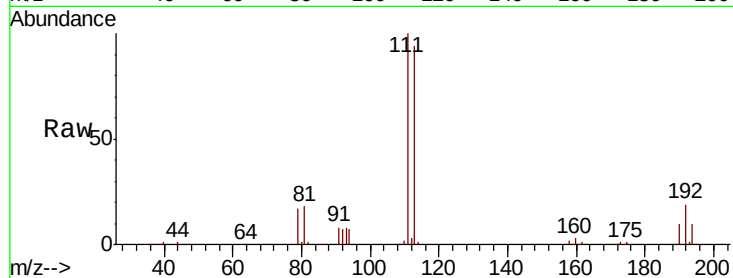




#35
 Dibromofluoromethane
 Concen: 51.047 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011443.D
 Acq: 23 Jul 2019 20:55

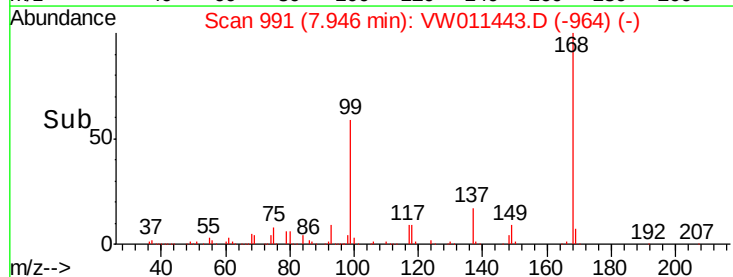
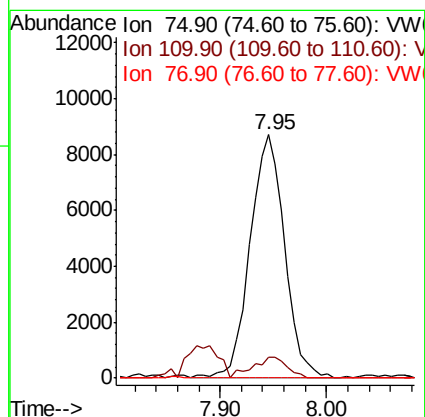
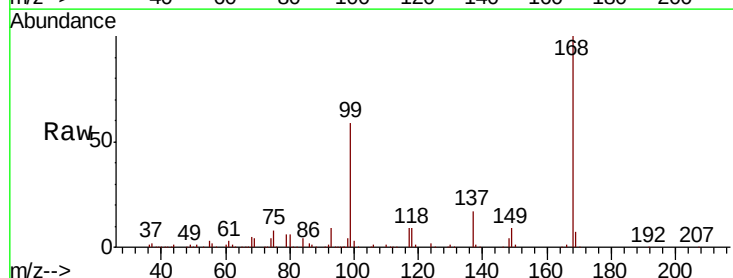
Instrument :
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 ClientSampleId :
 VW0724SBL01

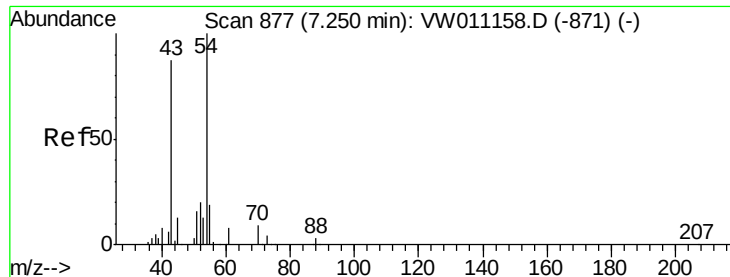
Tot Ion:113 Resp: 115468
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.4 123.6
 192 20.4 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.894 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011443.D
 Acq: 23 Jul 2019 20:55

Tgt Ion: 75 Resp: 19780
 Ion Ratio Lower Upper
 75 100
 110 7.7 15.9 47.6#
 77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.685 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.11 min

Lab File: VW011443.D

Acq: 23 Jul 2019 20:55

Instrument :

MSVOA_W

ClientSampleId :

VW0724SBL01

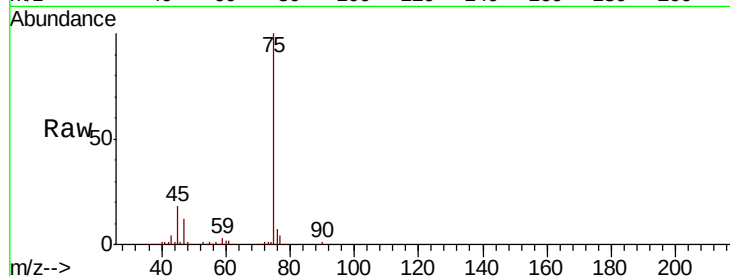
Tot Ion: 43 Resp: 4091

Ion Ratio Lower Upper

43 100

61 77.7 9.5 14.3#

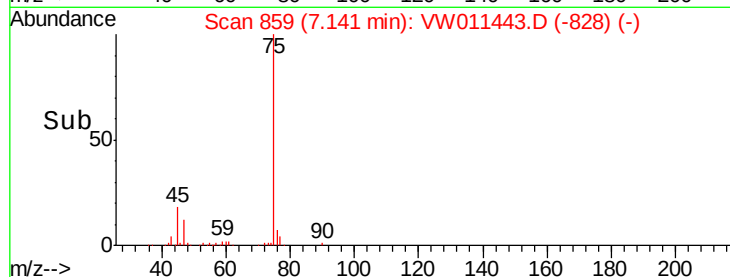
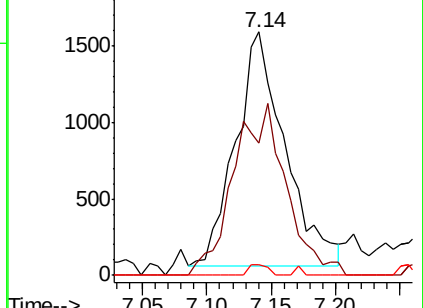
70 1.7 7.1 10.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.515 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011443.D

Acq: 23 Jul 2019 20:55

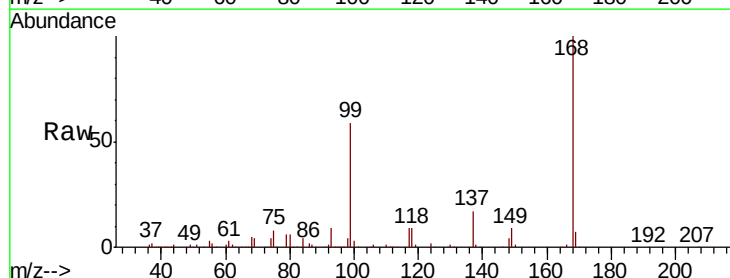
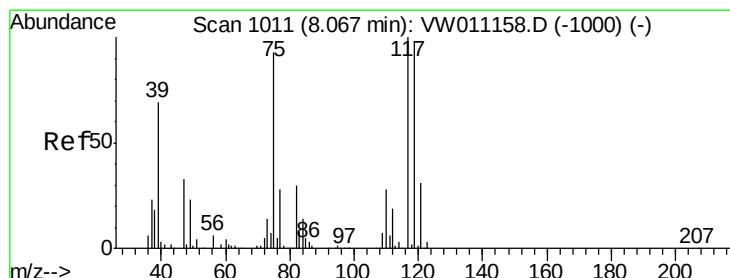
Tgt Ion: 117 Resp: 22320

Ion Ratio Lower Upper

117 100

119 6.1 78.1 117.1#

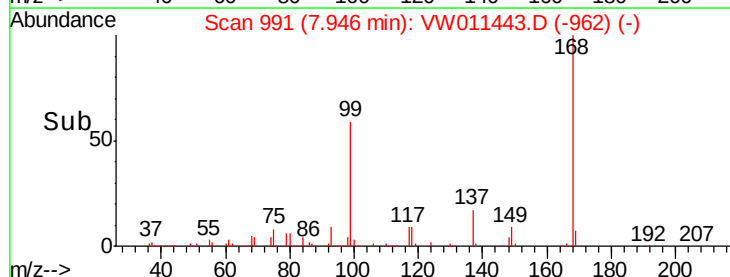
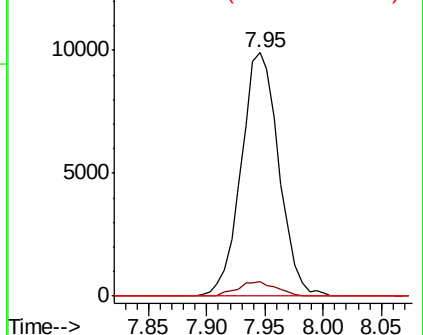
121 0.0 25.1 37.7#

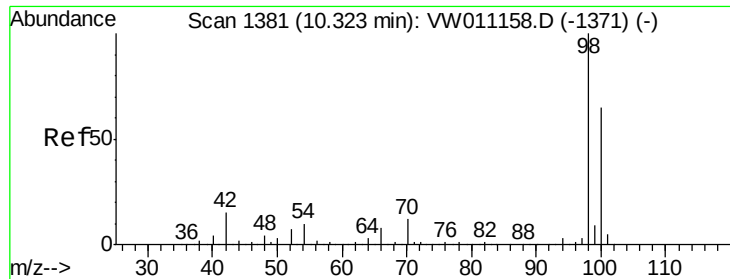


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.161 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011443.D

Acq: 23 Jul 2019 20:55

Instrument :

MSVOA_W

ClientSampleId :

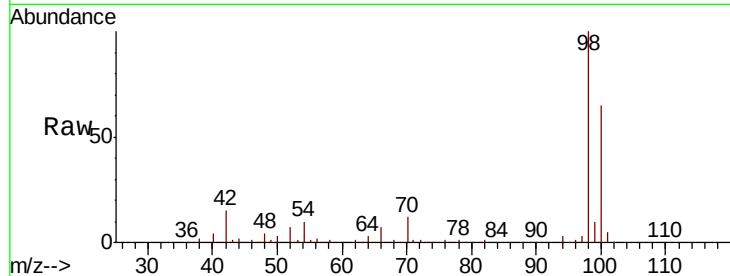
VW0724SBL01

Tot Ion: 98 Resp: 467785

Ion Ratio Lower Upper

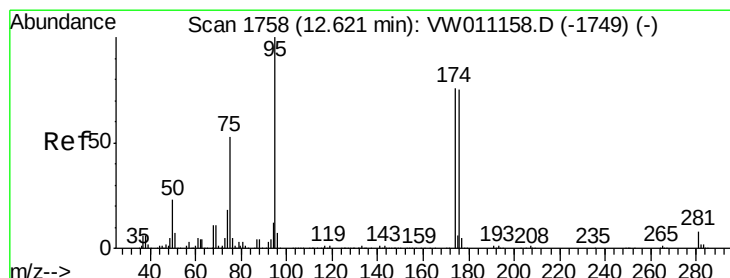
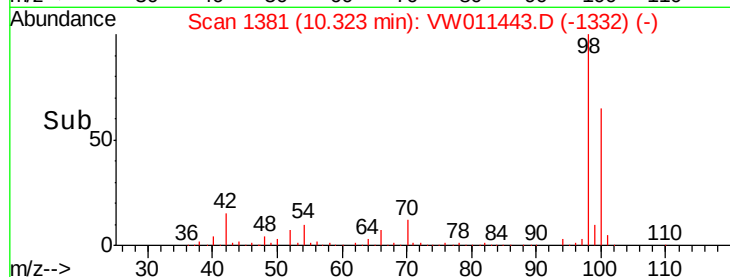
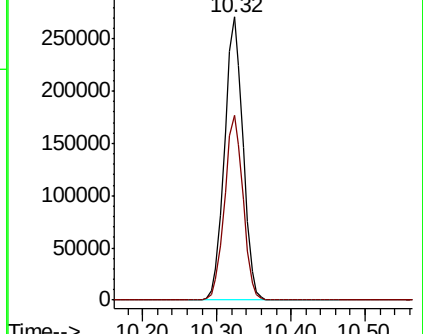
98 100

100 65.3 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: 45.521 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011443.D

Acq: 23 Jul 2019 20:55

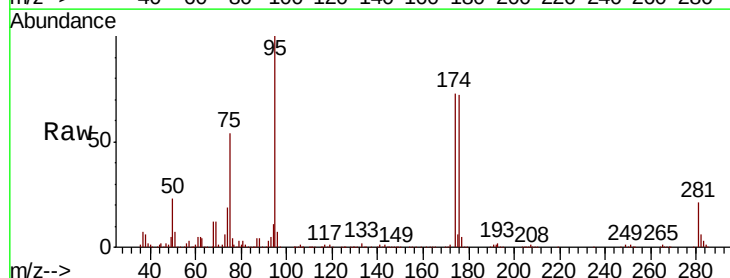
Tgt Ion: 95 Resp: 152556

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.6

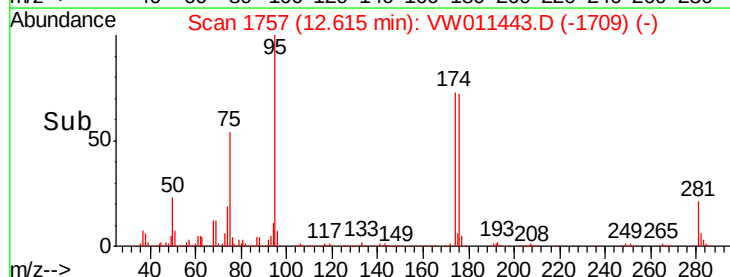
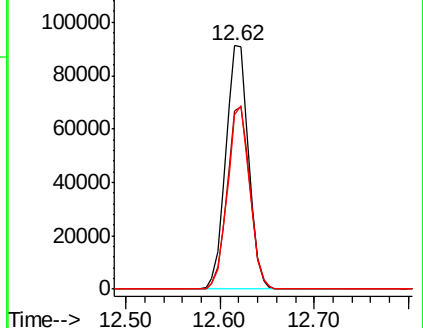
176 73.4 0.0 144.6

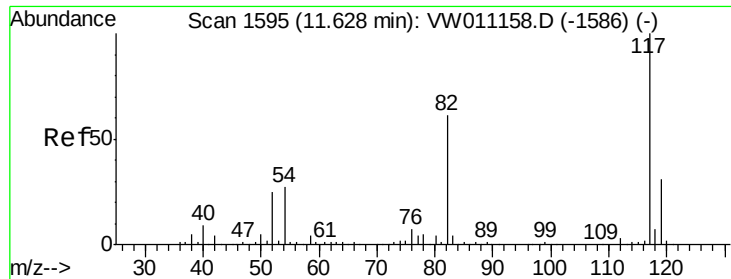


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

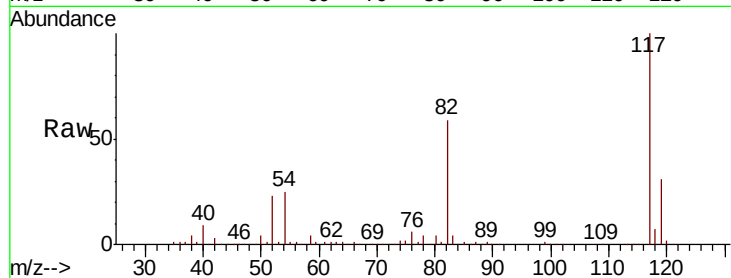




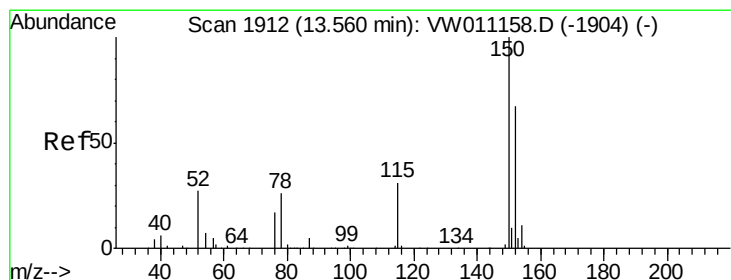
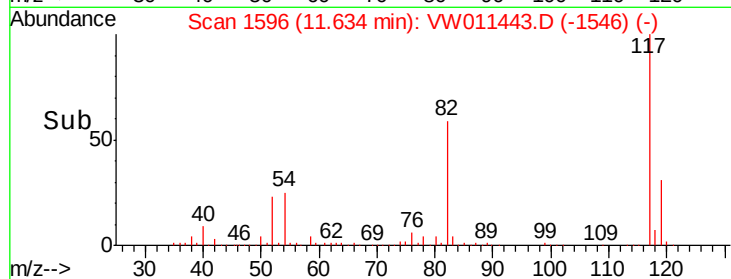
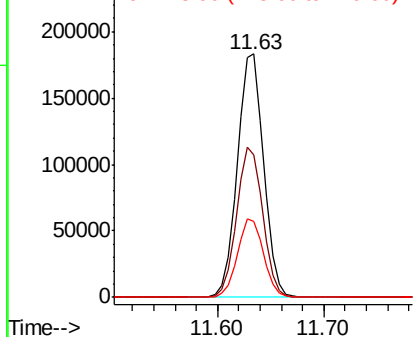
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011443.D
Acq: 23 Jul 2019 20:55

Instrument :
MSVOA_W
ClientSampleId :
VW0724SBL01

Tot Ion:117 Resp: 318083
Ion Ratio Lower Upper
117 100
82 58.7 48.9 73.3
119 31.3 25.0 37.6

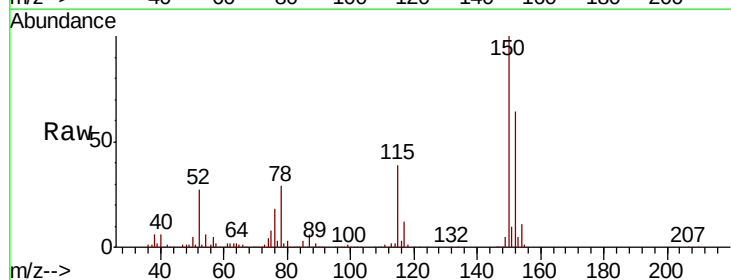


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

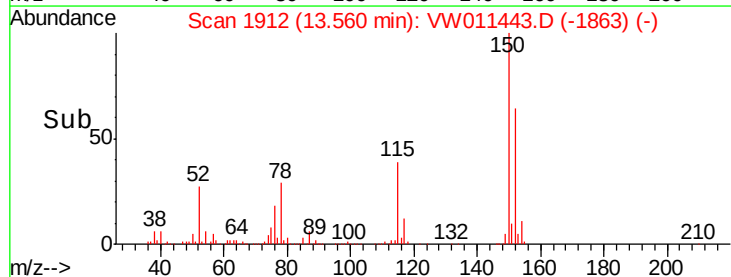
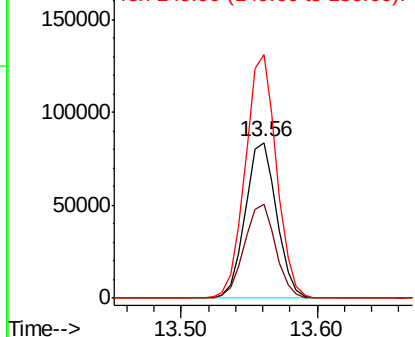


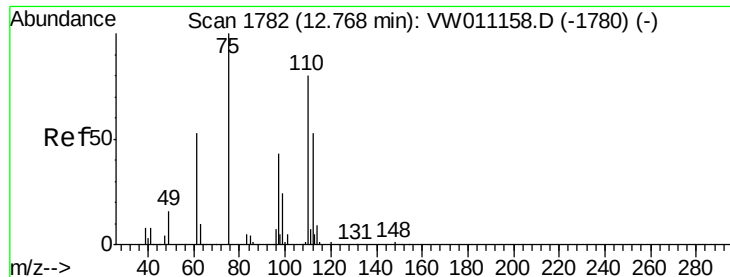
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011443.D
Acq: 23 Jul 2019 20:55

Tgt Ion:152 Resp: 135047
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.3
150 156.3 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: 52.443 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011443.D

Acq: 23 Jul 2019 20:55

Instrument :

MSVOA_W

ClientSampled :

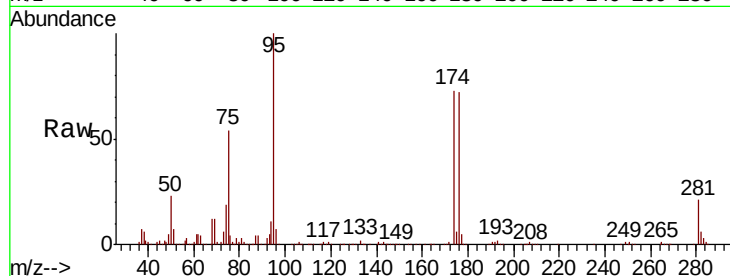
VW0724SBL01

Tot Ion: 75 Resp: 81844

Ion Ratio Lower Upper

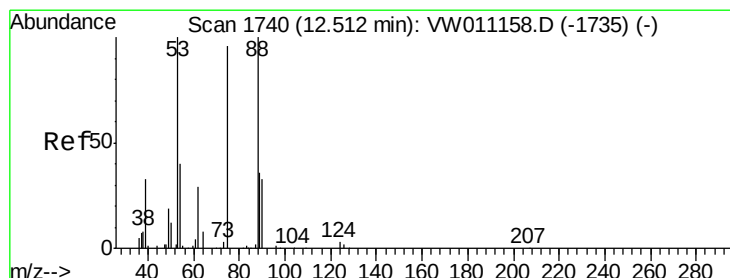
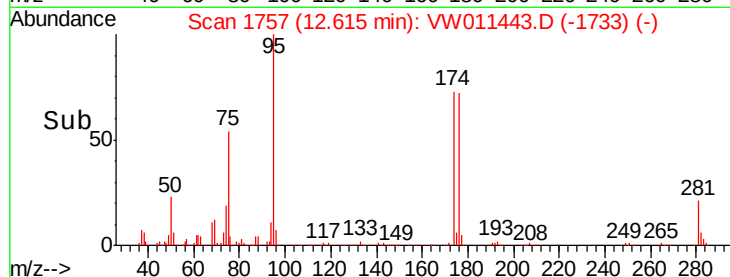
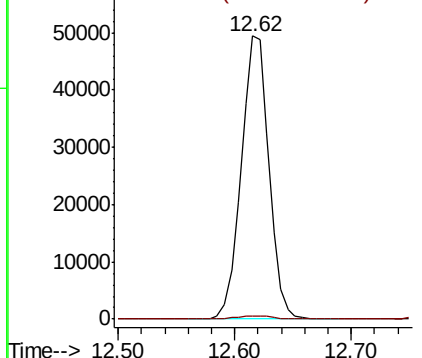
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 118.615 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011443.D

Acq: 23 Jul 2019 20:55

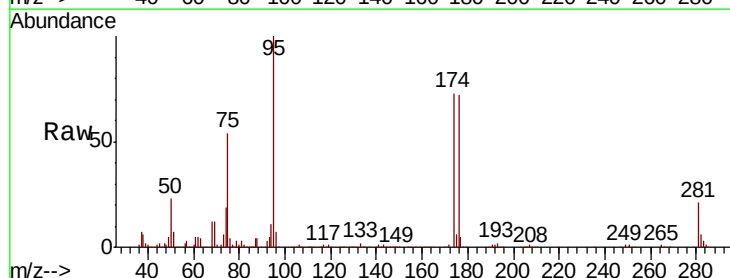
Tgt Ion: 75 Resp: 81844

Ion Ratio Lower Upper

75 100

53 0.1 89.8 134.6#

89 0.2 34.3 51.5#



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

