

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
 Data File : VW012489.D
 Acq On : 02 Sep 2019 10:46
 Operator : SY/VA
 Sample : VW0902SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBL01

Quant Time: Sep 03 07:36:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	204172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	336614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117749	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127725	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
35) Dibromofluoromethane	7.88	113	102939	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.32	98	408804	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.62	95	135586	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

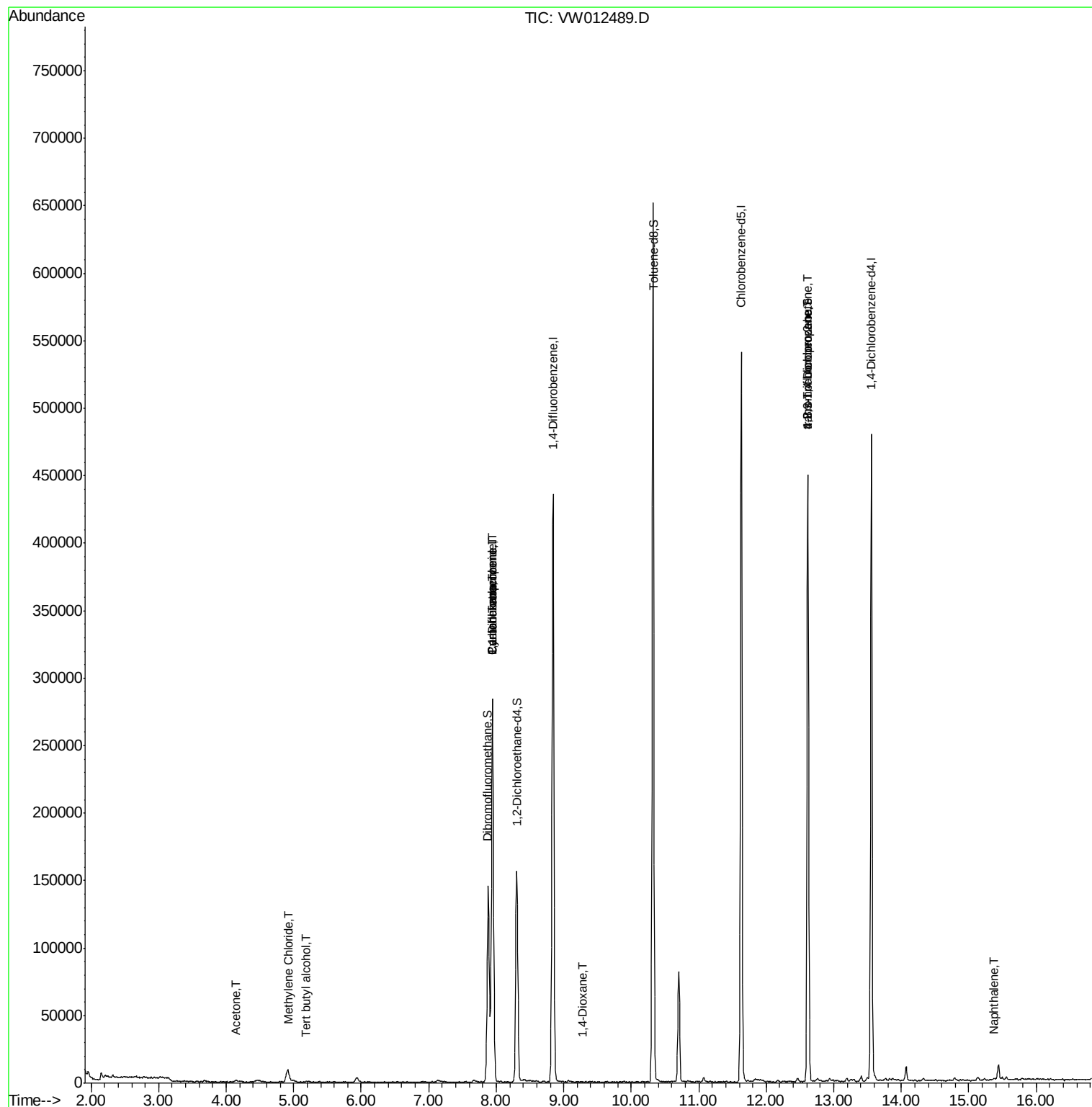
Target Compounds						Qvalue
11) Tert butyl alcohol	5.18	59	249	1.705	ug/l #	71
16) Acetone	4.14	43	1619	2.610	ug/l	99
20) Methylene Chloride	4.92	84	6203	2.645	ug/l	93
31) Cyclohexane	7.95	56	5007	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17848	5.131	ug/l #	52
38) Carbon Tetrachloride	7.95	117	20922	6.949	ug/l #	17
49) 1,4-Dioxane	9.29	88	19	1.091	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	74727	65.162	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	74727	142.870	ug/l #	6
95) Naphthalene	15.37	128	1038	4.535	ug/l #	89

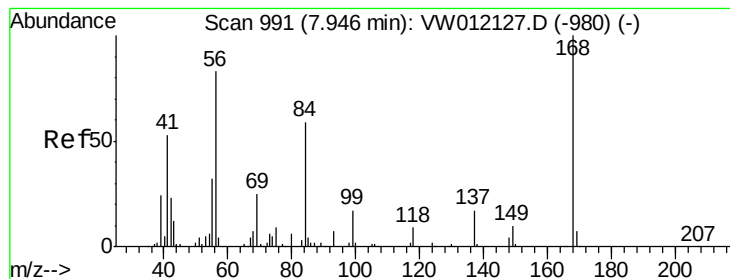
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
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Quant Title : SW846 8260
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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: VW012489.D

Acq: 02 Sep 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

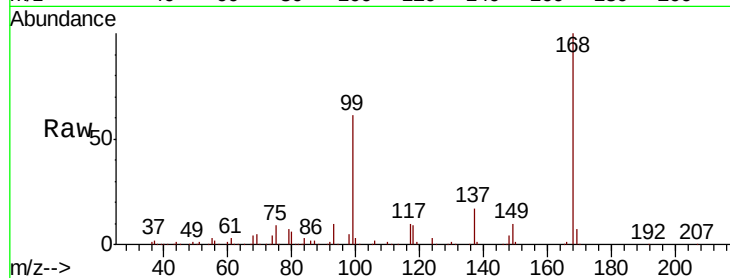
VW0902SBL01

Tgt Ion: 168 Resp: 204172

Ion Ratio Lower Upper

168 100

99 60.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

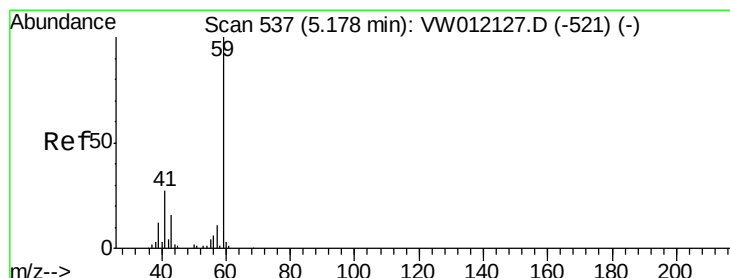
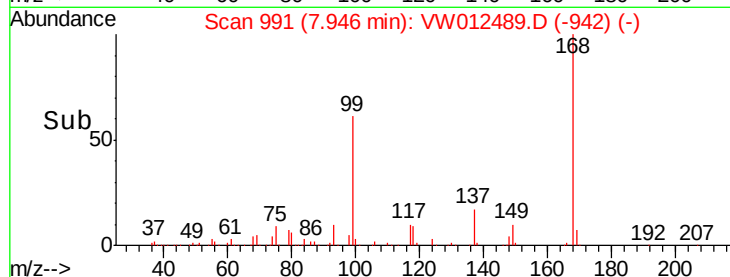
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.705 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.01 min

Lab File: VW012489.D

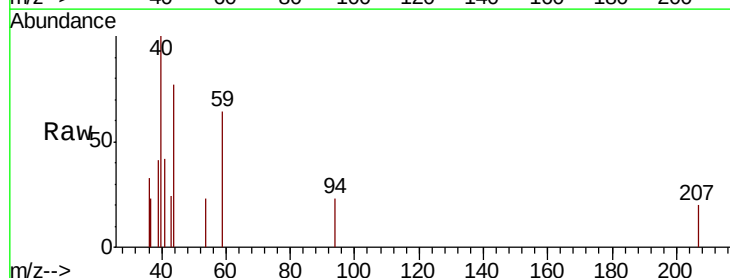
Acq: 02 Sep 2019 10:46

Tgt Ion: 59 Resp: 249

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

250

200

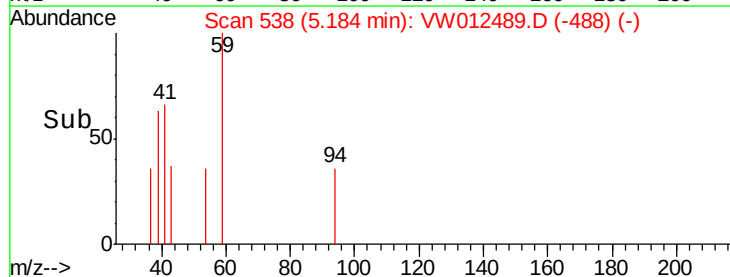
150

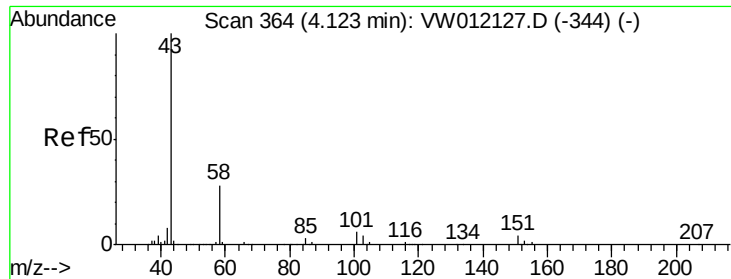
100

50

0

Time--> 5.12 5.14 5.16 5.18 5.20





#16

Acetone

Concen: 2.610 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012489.D

Acq: 02 Sep 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

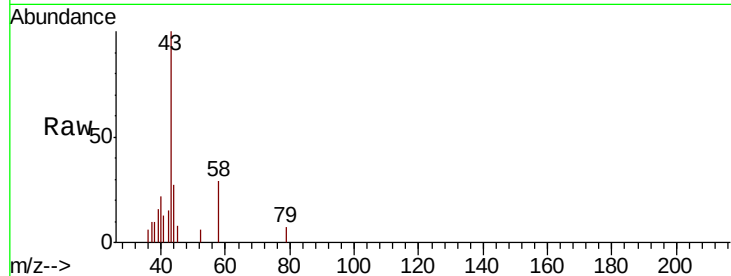
VW0902SBL01

Tgt Ion: 43 Resp: 1619

Ion Ratio Lower Upper

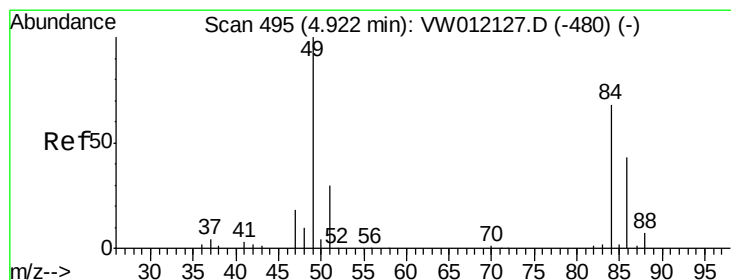
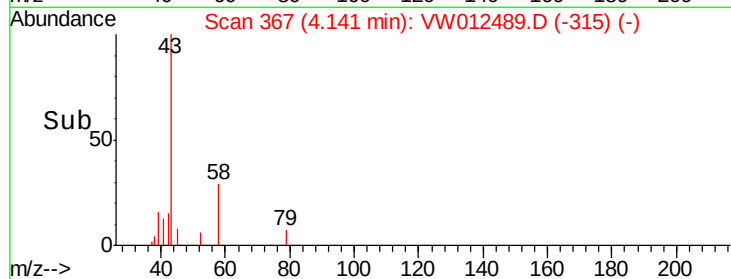
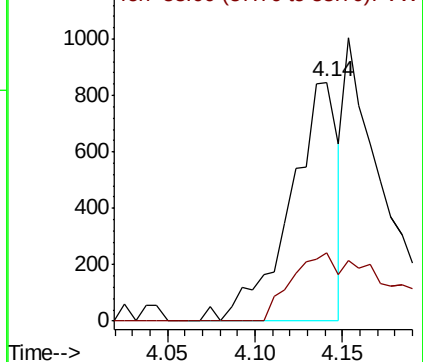
43 100

58 28.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.645 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012489.D

Acq: 02 Sep 2019 10:46

Tgt Ion: 84 Resp: 6203

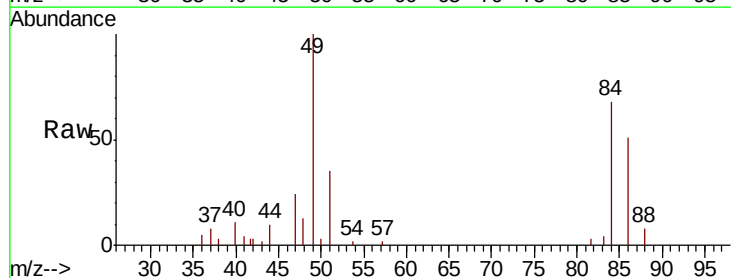
Ion Ratio Lower Upper

84 100

49 143.6 117.8 176.8

51 51.8 35.6 53.4

86 74.3 51.2 76.8

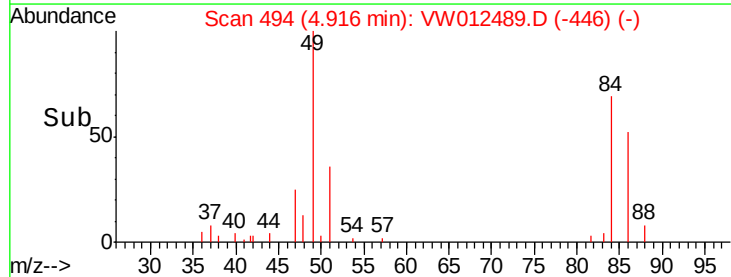
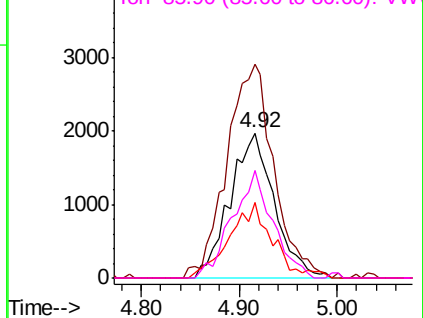


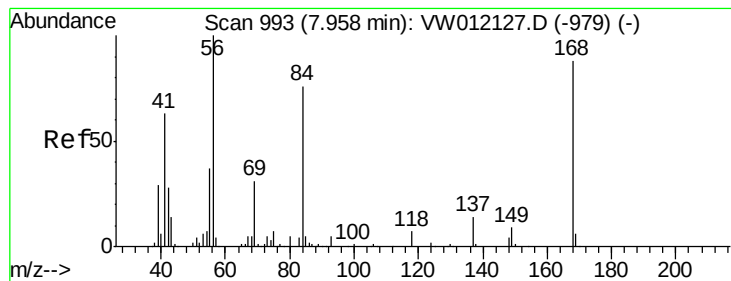
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#31

Cyclohexane

Concen: 1.145 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012489.D

Acq: 02 Sep 2019 10:46

Instrument :

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ClientSampleId :

VW0902SBL01

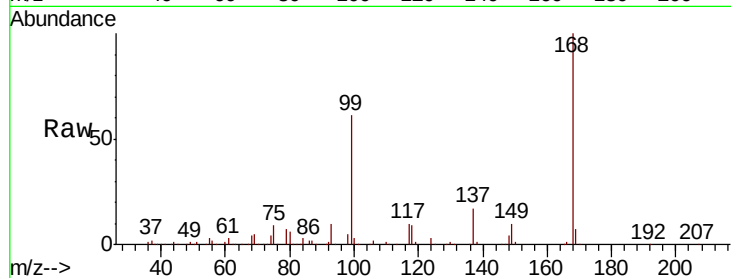
Tgt Ion: 56 Resp: 5007

Ion Ratio Lower Upper

56 100

69 191.8 24.9 37.3#

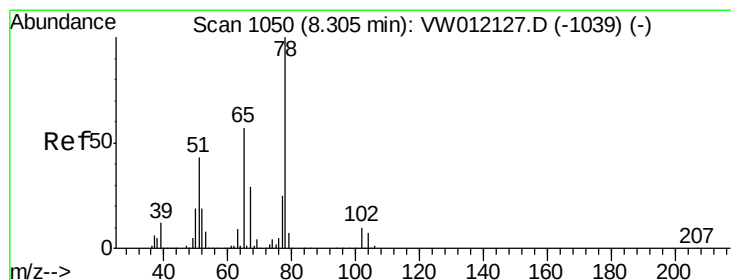
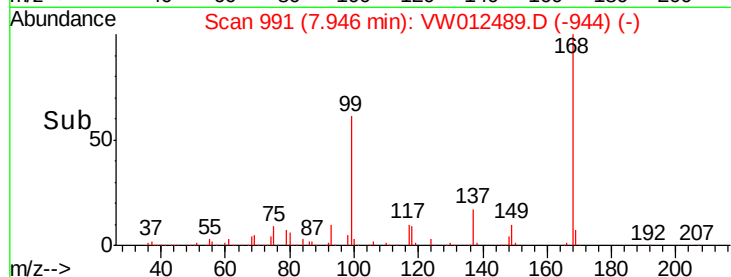
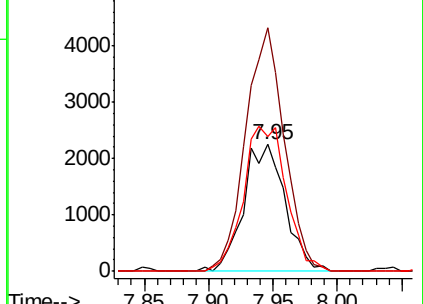
84 106.1 60.6 90.8#



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: 52.624 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012489.D

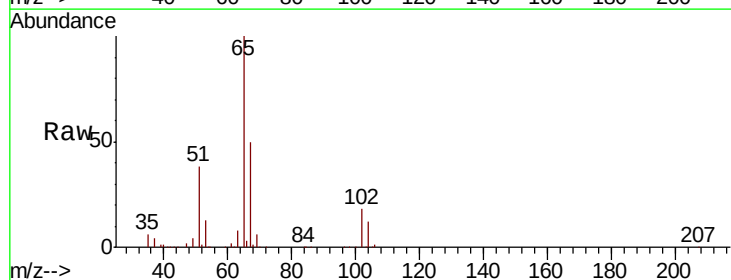
Acq: 02 Sep 2019 10:46

Tgt Ion: 65 Resp: 127725

Ion Ratio Lower Upper

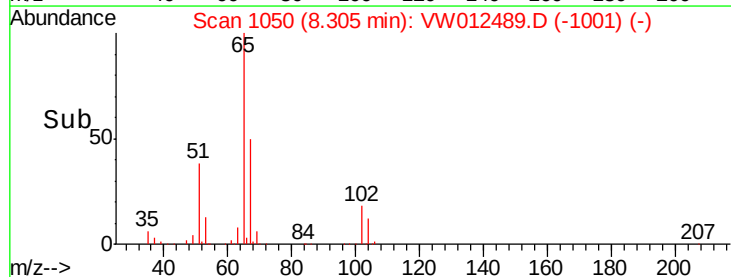
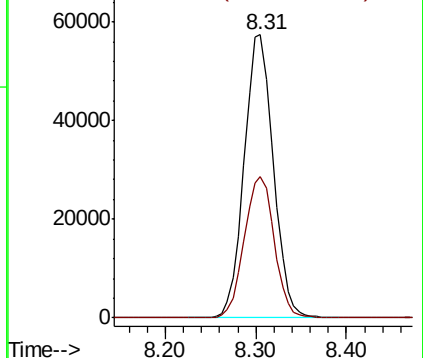
65 100

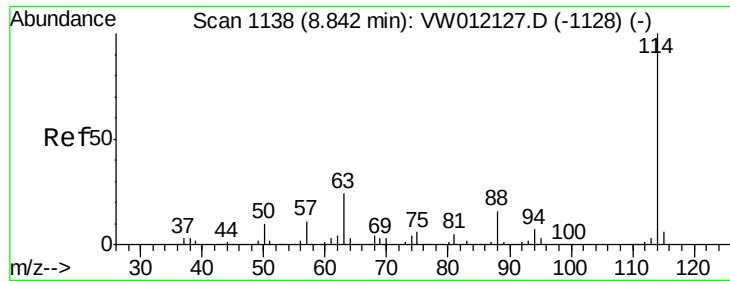
67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

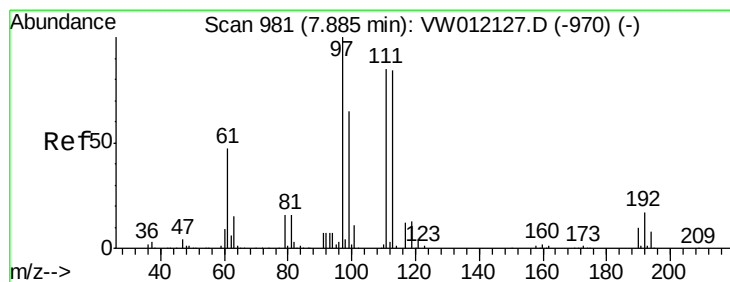
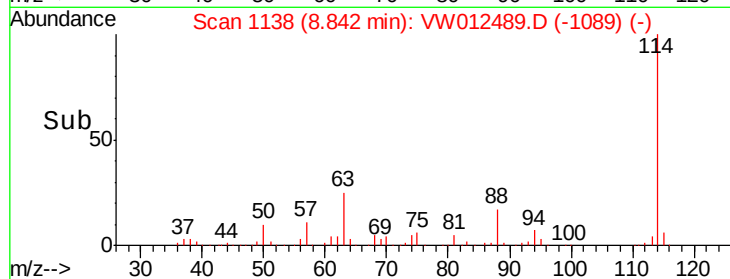
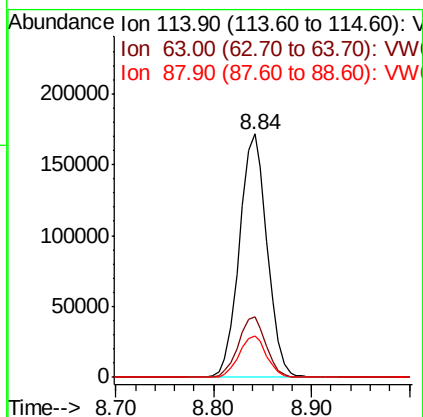
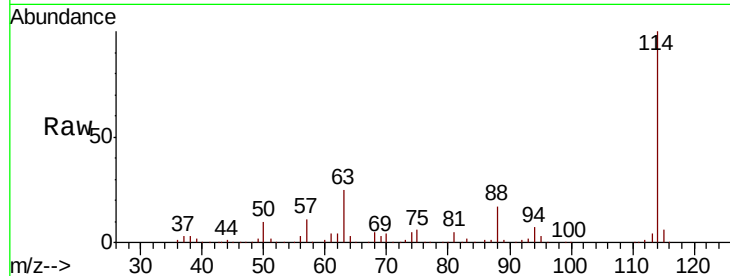




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012489.D
 Acq: 02 Sep 2019 10:46

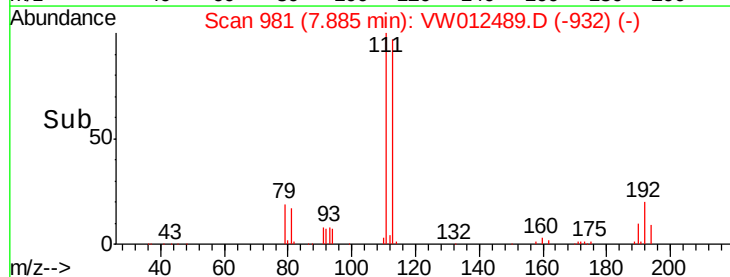
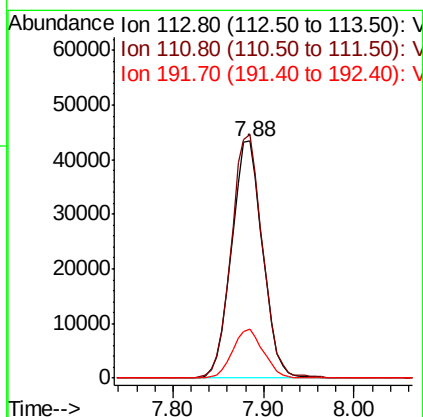
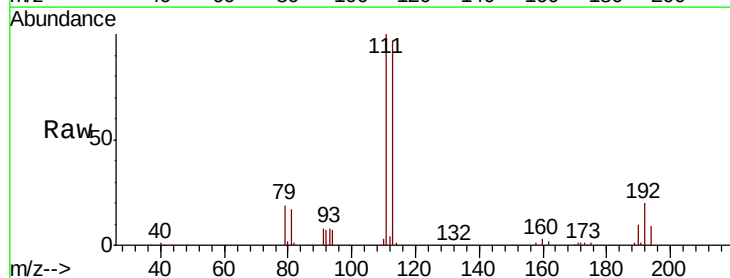
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBL01

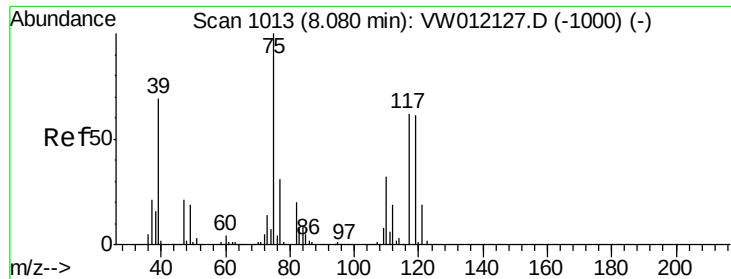
Tgt Ion:114 Resp: 336614
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 16.8 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 51.232 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012489.D
 Acq: 02 Sep 2019 10:46

Tgt Ion:113 Resp: 102939
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.7 124.1
 192 20.5 16.2 24.2

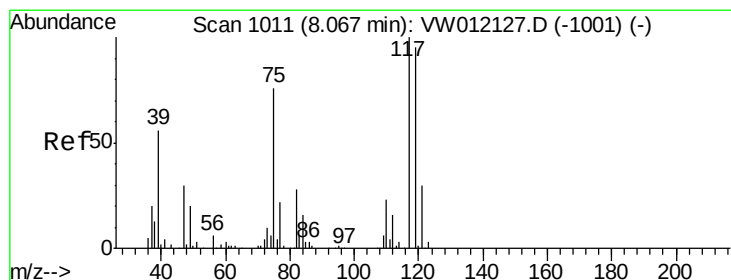
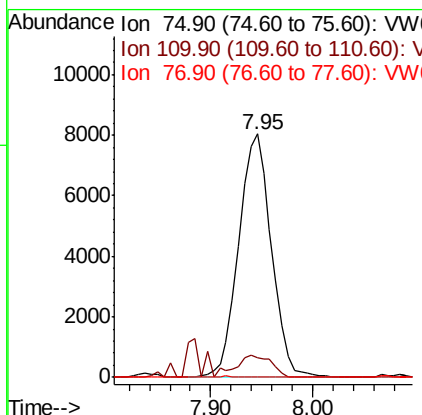
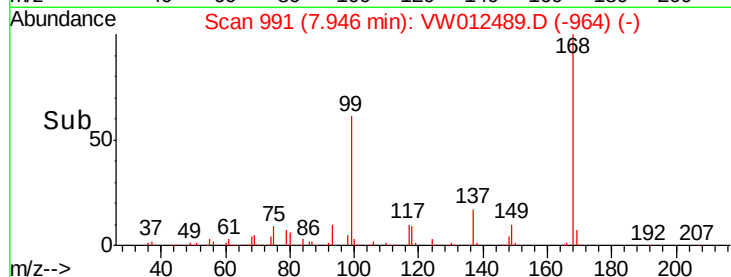
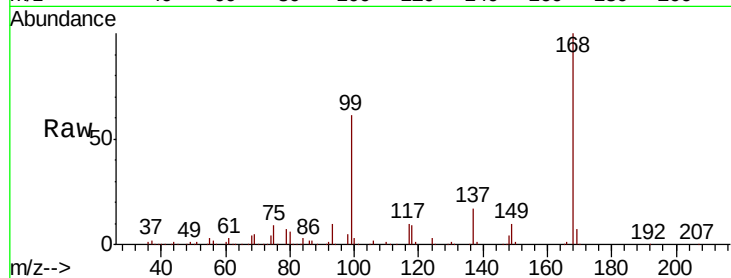




#36
 1,1-Dichloropropene
 Concen: 5.131 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012489.D
 Acq: 02 Sep 2019 10:46

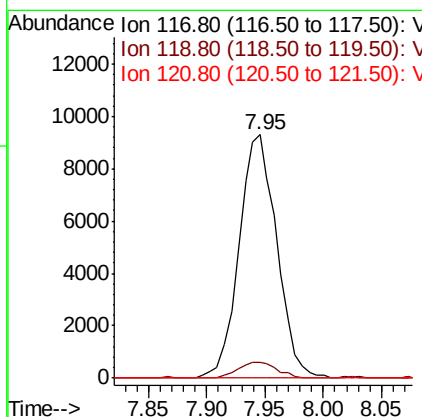
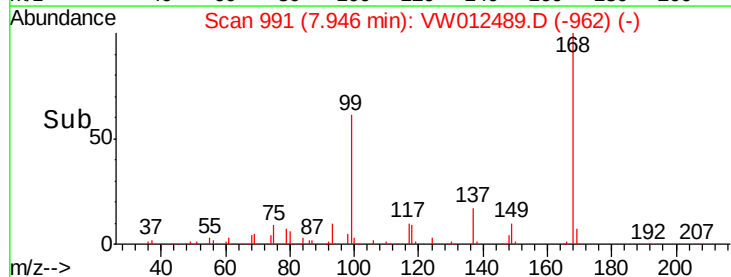
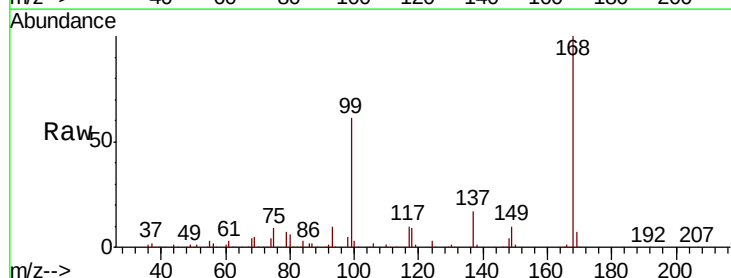
Instrument :
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 ClientSampleId :
 VW0902SBL01

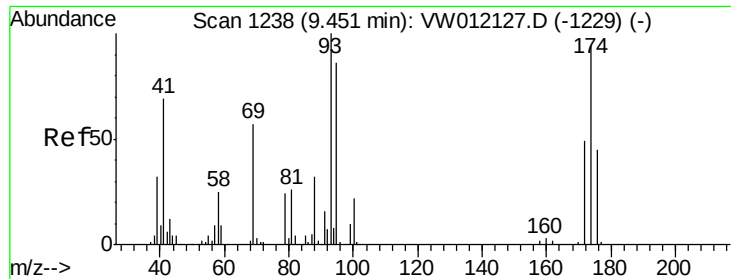
Tgt Ion: 75 Resp: 17848
 Ion Ratio Lower Upper
 75 100
 110 8.9 15.6 46.8#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 6.949 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW012489.D
 Acq: 02 Sep 2019 10:46

Tgt Ion: 117 Resp: 20922
 Ion Ratio Lower Upper
 117 100
 119 6.2 76.2 114.2#
 121 0.0 23.8 35.8#

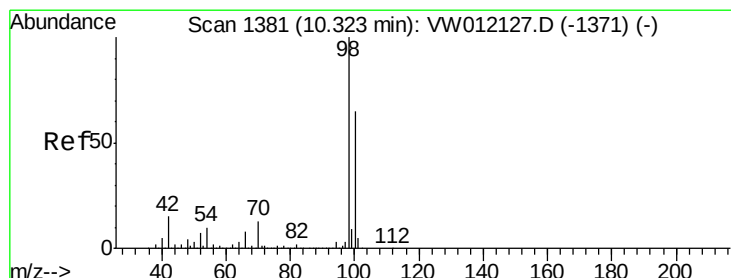
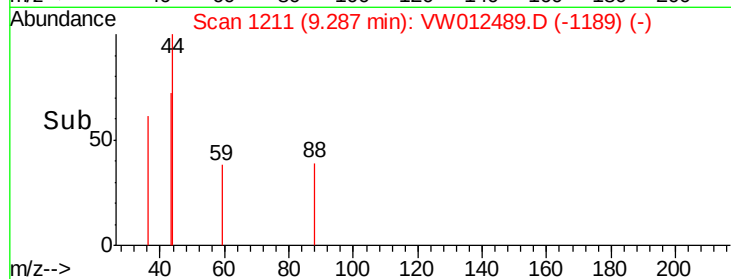
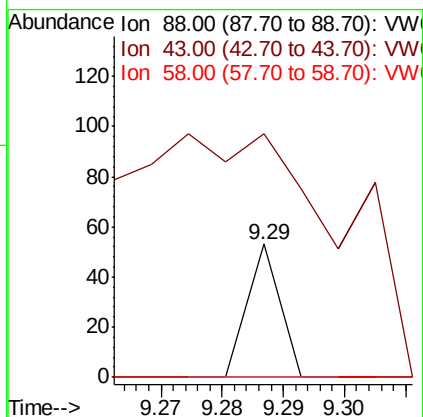
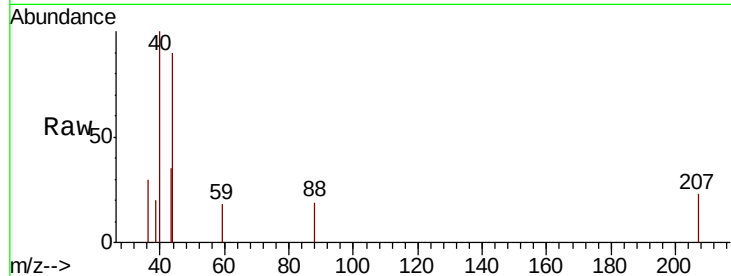




#49
 1,4-Dioxane
 Concen: 1.091 ug/l
 RT: 9.29 min Scan# 1211
 Delta R.T. -0.16 min
 Lab File: VW012489.D
 Acq: 02 Sep 2019 10:46

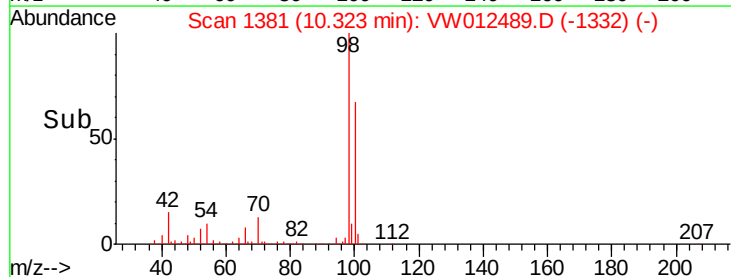
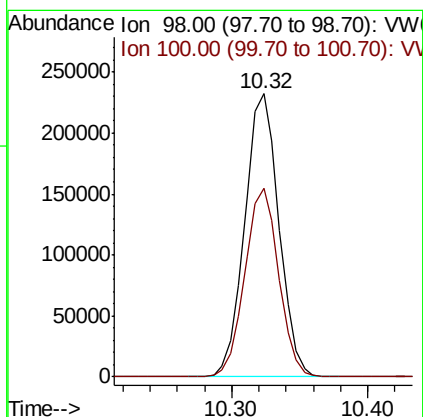
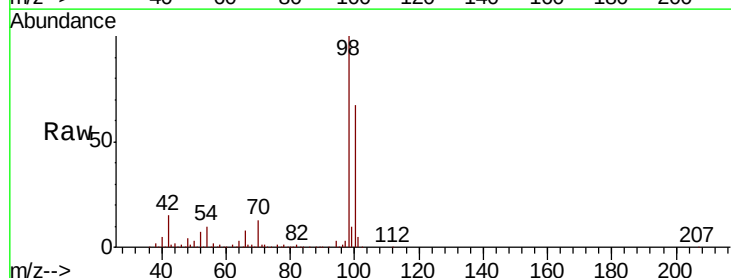
Instrument :
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 VW0902SBL01

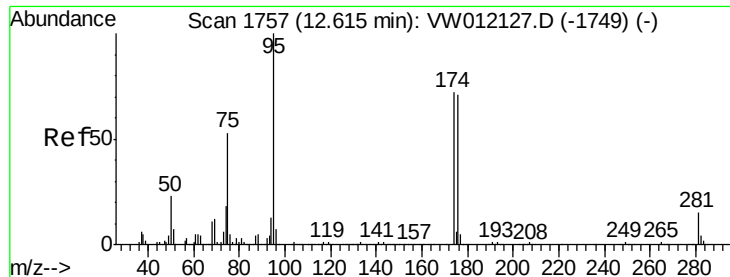
Tgt Ion: 88 Resp: 19
 Ion Ratio Lower Upper
 88 100
 43 1363.2 32.9 49.3#
 58 0.0 71.0 106.4#



#50
 Toluene-d8
 Concen: 50.179 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012489.D
 Acq: 02 Sep 2019 10:46

Tgt Ion: 98 Resp: 408804
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 47.213 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012489.D

Acq: 02 Sep 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBL01

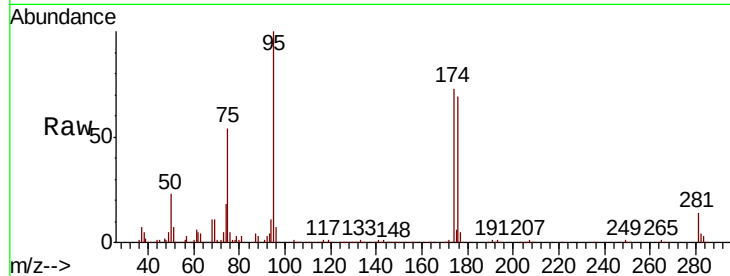
Tgt Ion: 95 Resp: 135586

Ion Ratio Lower Upper

95 100

174 76.3 0.0 150.8

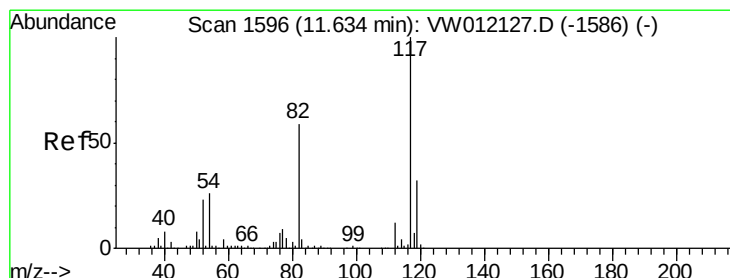
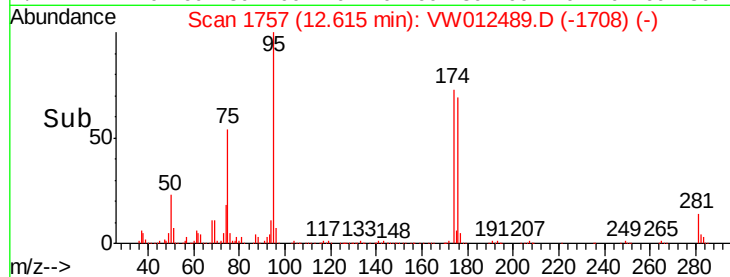
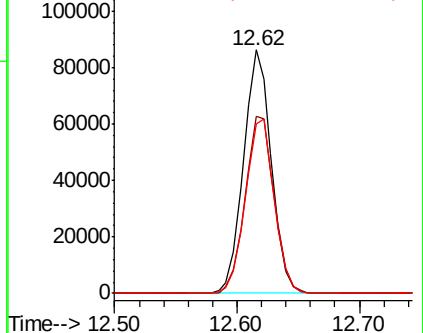
176 74.5 0.0 148.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW012489.D

Acq: 02 Sep 2019 10:46

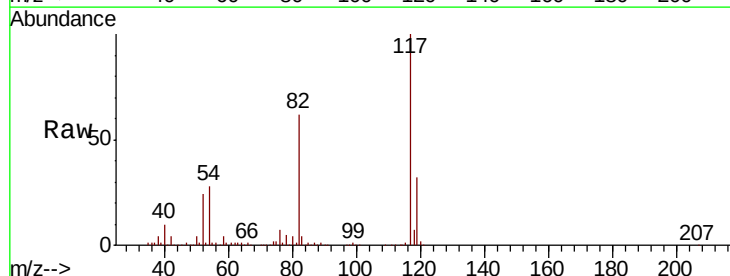
Tgt Ion: 117 Resp: 280394

Ion Ratio Lower Upper

117 100

82 62.4 47.4 71.2

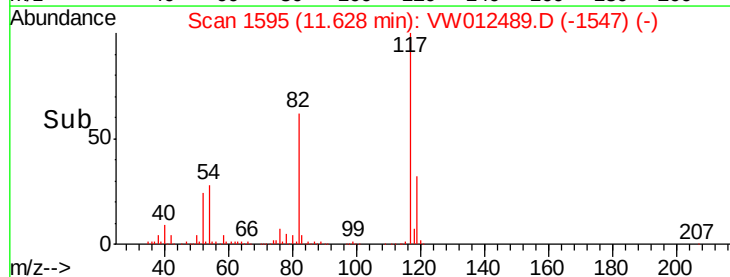
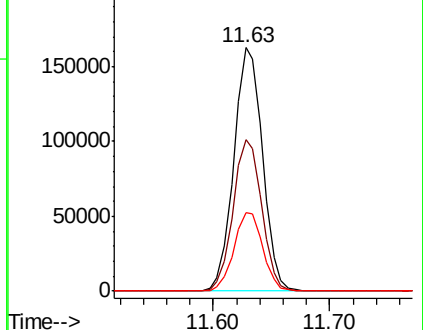
119 32.3 25.4 38.2

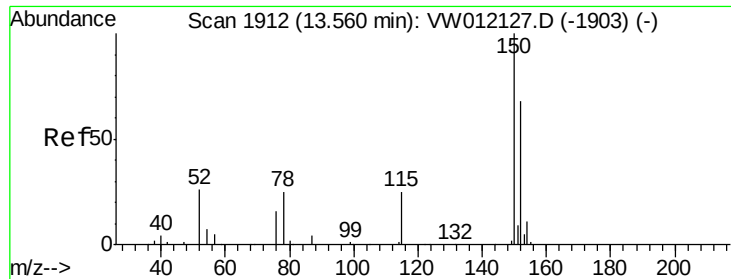


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012489.D

Acq: 02 Sep 2019 10:46

Instrument :

MSVOA_W

ClientSampleId :

VW0902SBL01

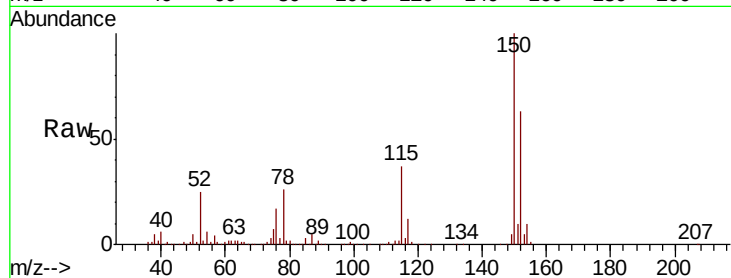
Tgt Ion:152 Resp: 117749

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.3

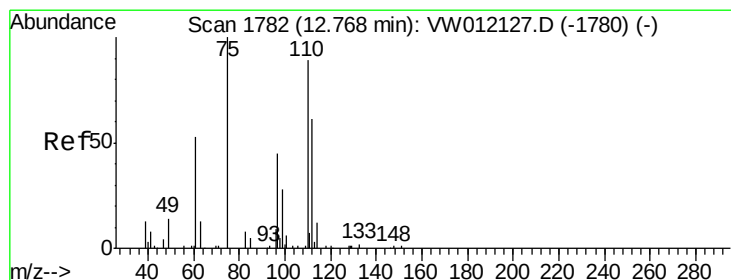
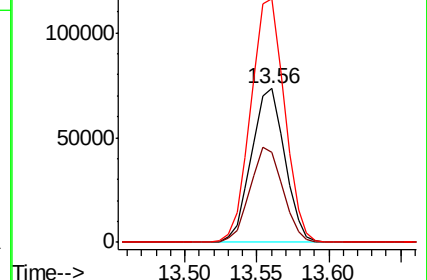
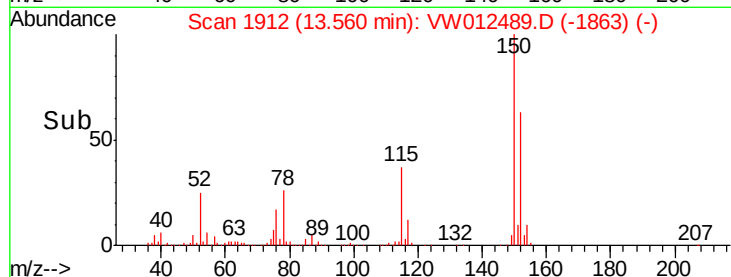
150 159.7 0.0 345.8



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: 65.162 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012489.D

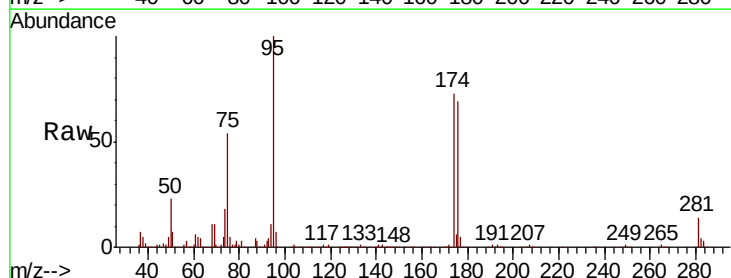
Acq: 02 Sep 2019 10:46

Tgt Ion: 75 Resp: 74727

Ion Ratio Lower Upper

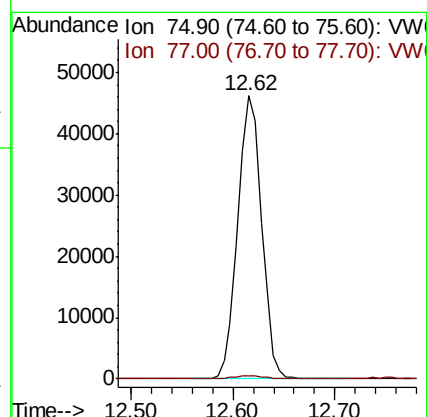
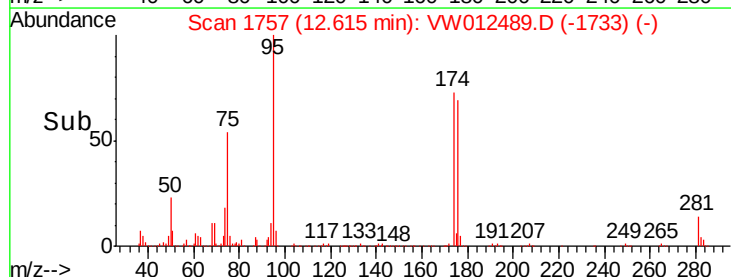
75 100

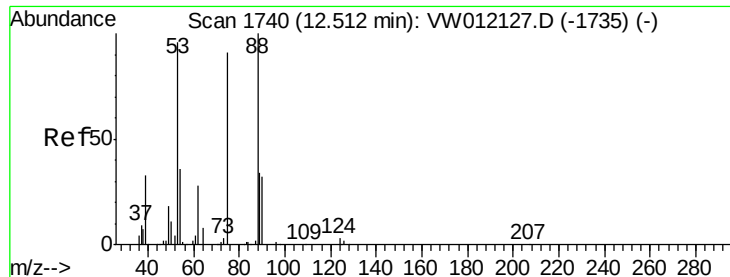
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

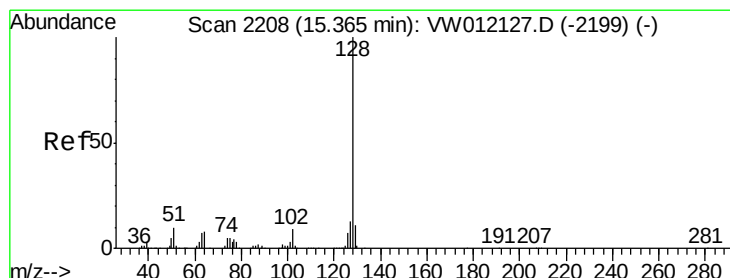
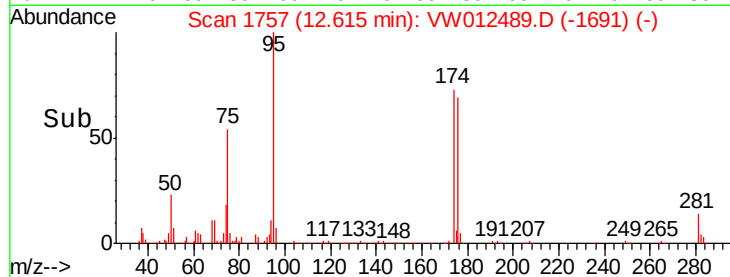
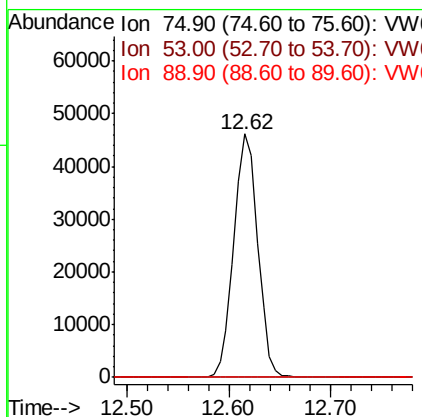
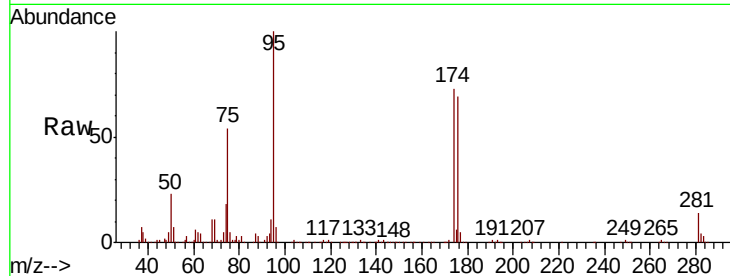




#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.870 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012489.D
 Acq: 02 Sep 2019 10:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0902SBL01

Tgt Ion: 75 Resp: 74727
 Ion Ratio Lower Upper
 75 100
 53 0.1 89.4 134.0#
 89 0.2 34.5 51.7#



#95
 Naphthalene
 Concen: 4.535 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VW012489.D
 Acq: 02 Sep 2019 10:46

Tgt Ion: 128 Resp: 1038
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.7 16.1
 129 2.4 8.7 13.1#

