

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010852.D
 Acq On : 19 Jun 2019 15:59
 Operator : SY/VA
 Sample : K3158-03RE
 Misc : 6.15G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-061719

Quant Time: Jun 20 05:48:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130025	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	162774	55.14	ug/l	0.00
Spiked Amount			Recovery	=	110.28%	
35) Dibromofluoromethane	7.88	113	119852	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
50) Toluene-d8	10.32	98	477470	46.29	ug/l	0.00
Spiked Amount			Recovery	=	92.58%	
62) 4-Bromofluorobenzene	12.62	95	160163	42.67	ug/l	0.00
Spiked Amount			Recovery	=	85.34%	

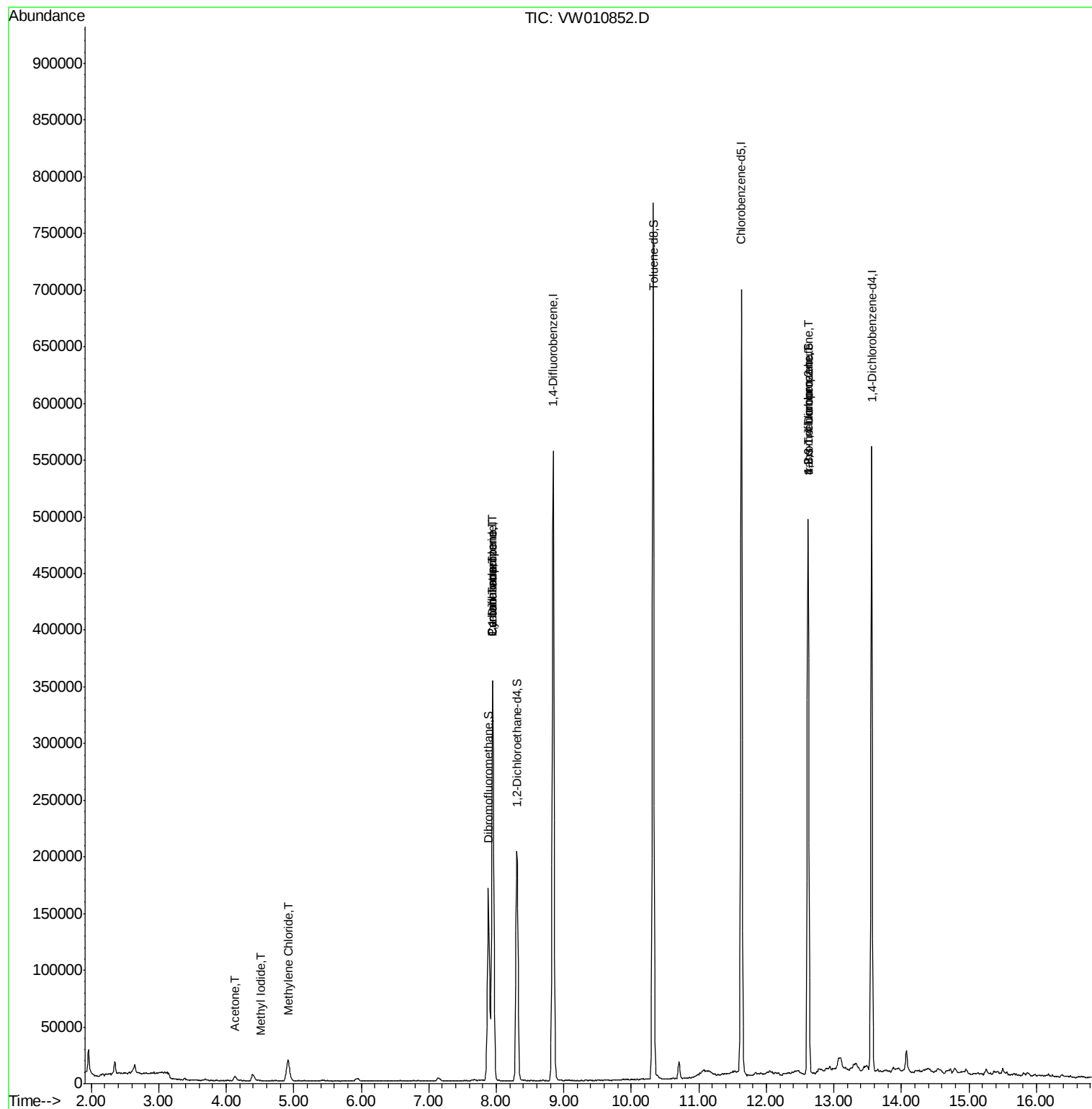
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.51	142	27	4.808	ug/l #	41
16) Acetone	4.12	43	8372	10.585	ug/l	98
20) Methylene Chloride	4.92	84	12615	4.546	ug/l	95
31) Cyclohexane	7.95	56	6773	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	22822	5.145	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25981	6.784	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	86555	63.390	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86555	145.691	ug/l #	5

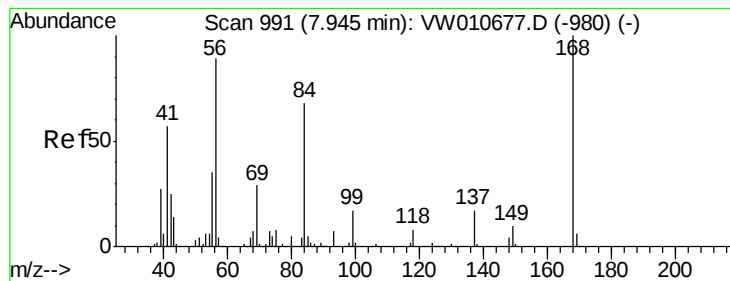
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 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: VW010852.D

Acq: 19 Jun 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

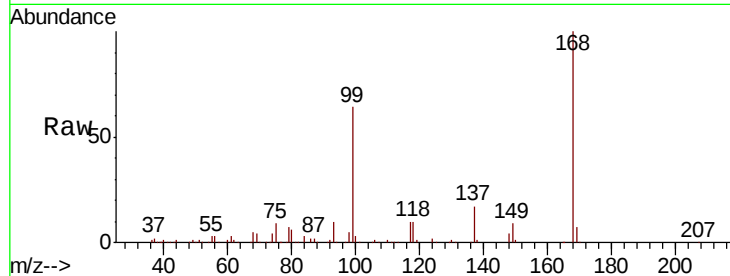
OK-01-061719

Tot Ion:168 Resp: 250439

Ion Ratio Lower Upper

168 100

99 63.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

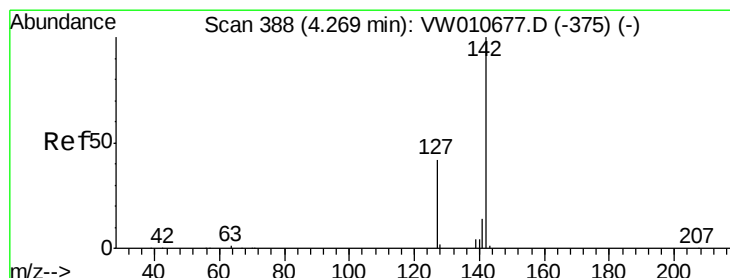
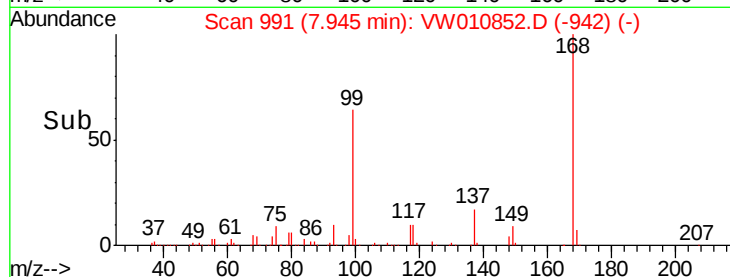
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.808 ug/l

RT: 4.51 min Scan# 427

Delta R.T. 0.24 min

Lab File: VW010852.D

Acq: 19 Jun 2019 15:59

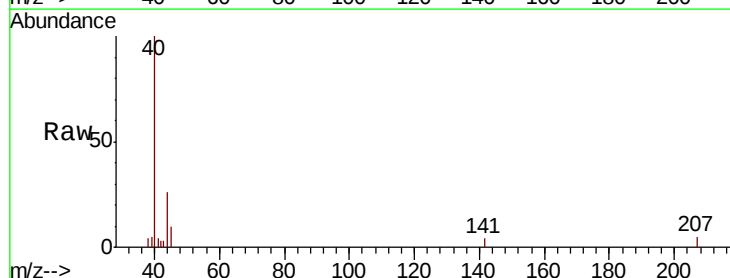
Tgt Ion:142 Resp: 27

Ion Ratio Lower Upper

142 100

127 0.0 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

100

80

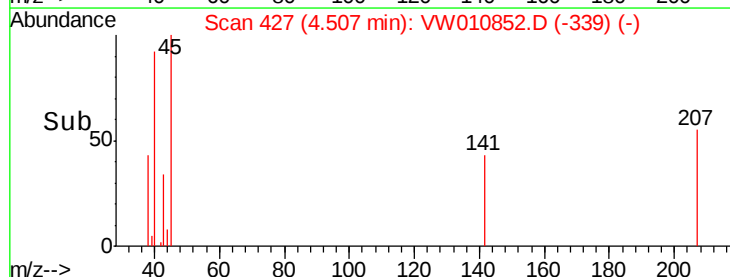
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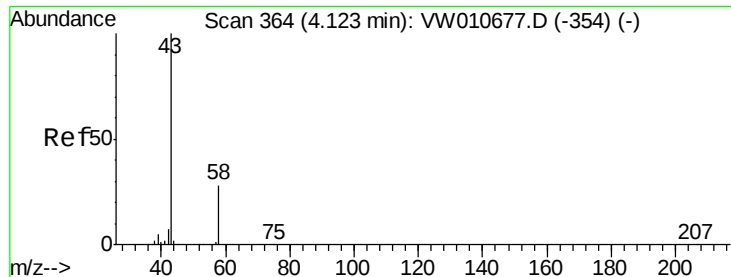
40

20

0

Time-->





#16

Acetone

Concen: 10.585 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010852.D

Acq: 19 Jun 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

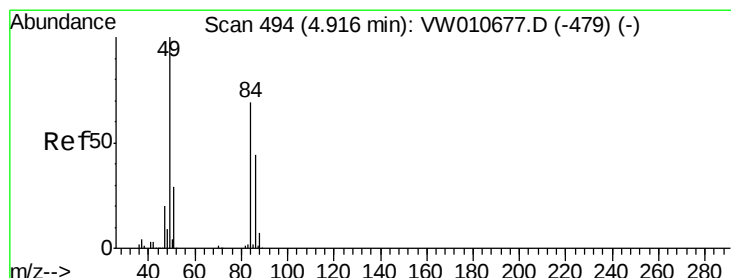
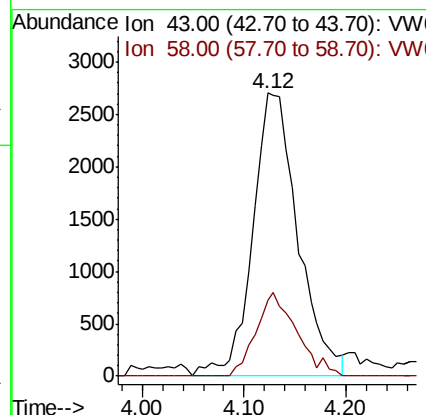
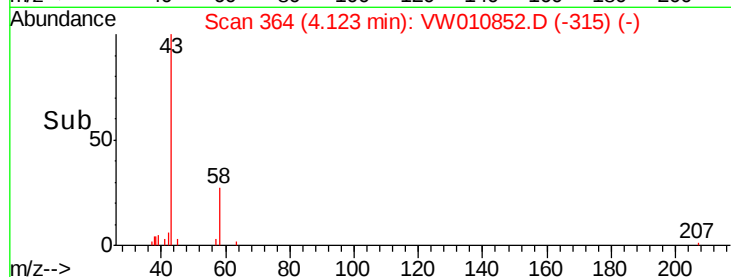
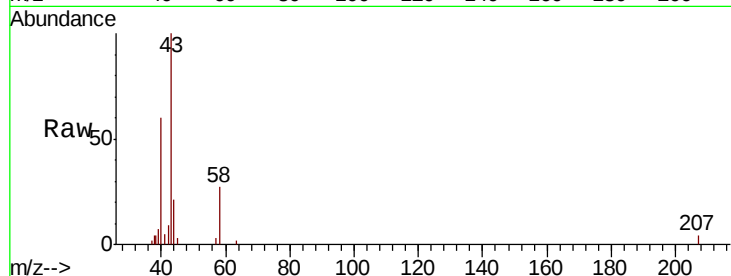
OK-01-061719

Tot Ion: 43 Resp: 8372

Ion Ratio Lower Upper

43 100

58 26.7 22.1 33.1



#20

Methylene Chloride

Concen: 4.546 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010852.D

Acq: 19 Jun 2019 15:59

Tgt Ion: 84 Resp: 12615

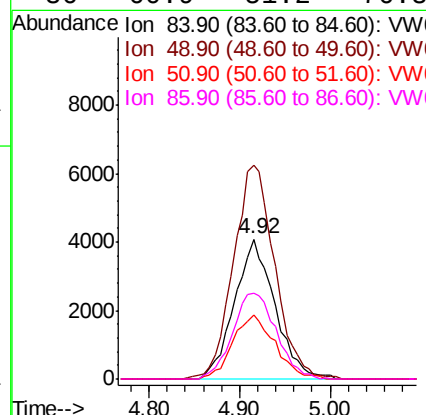
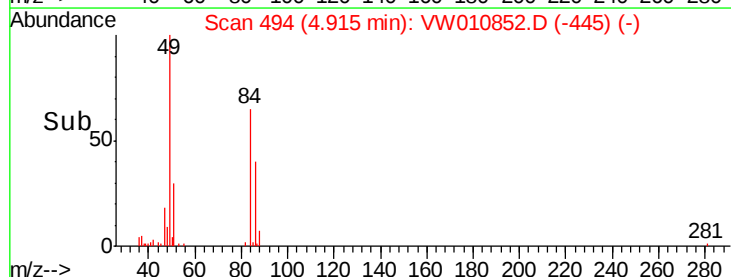
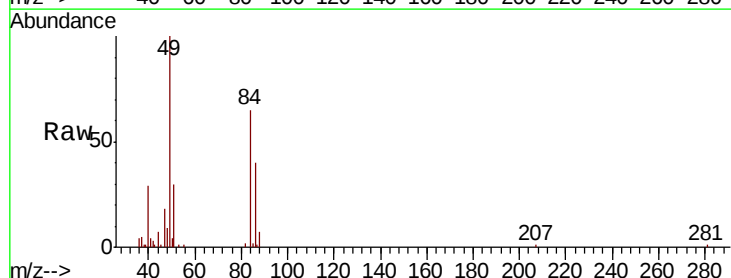
Ion Ratio Lower Upper

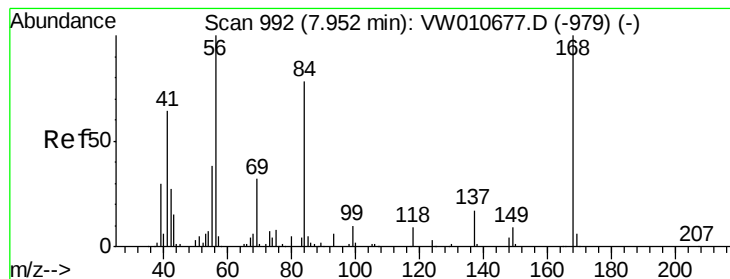
84 100

49 152.7 116.7 175.1

51 45.9 34.2 51.2

86 60.9 51.2 76.8





#31

Cyclohexane

Concen: 1.137 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010852.D

Acq: 19 Jun 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

OK-01-061719

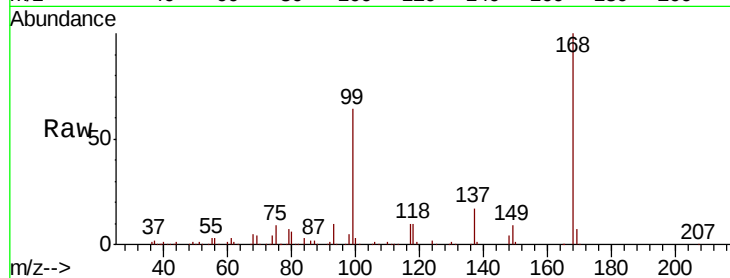
Tot Ion: 56 Resp: 6773

Ion Ratio Lower Upper

56 100

69 162.1 25.2 37.8#

84 118.2 62.2 93.2#

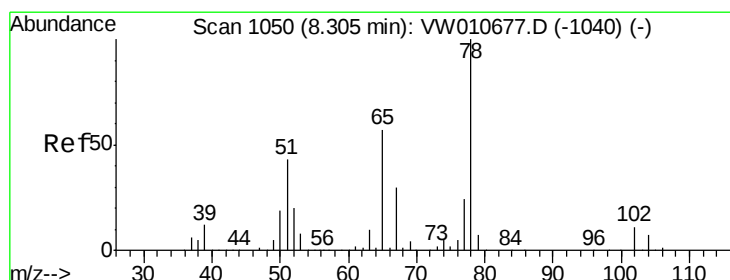
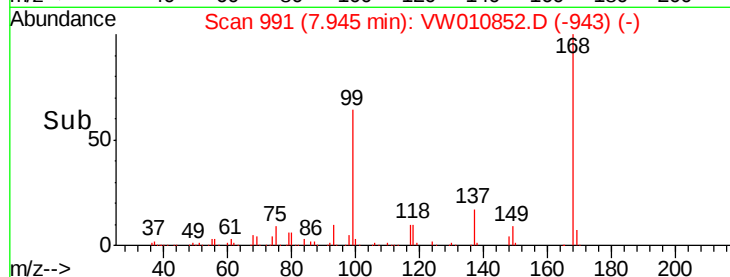
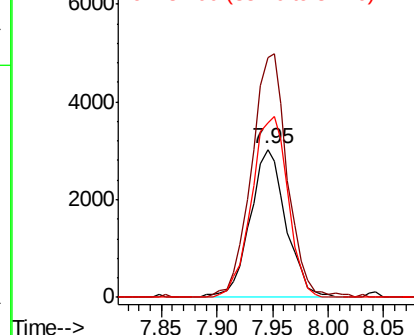


Abundance

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: 55.143 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010852.D

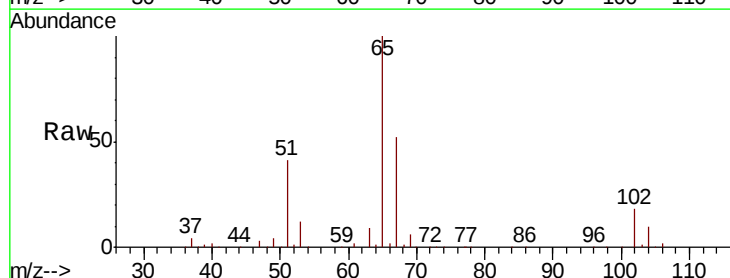
Acq: 19 Jun 2019 15:59

Tgt Ion: 65 Resp: 162774

Ion Ratio Lower Upper

65 100

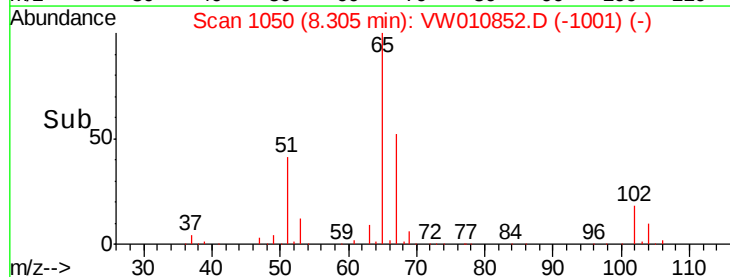
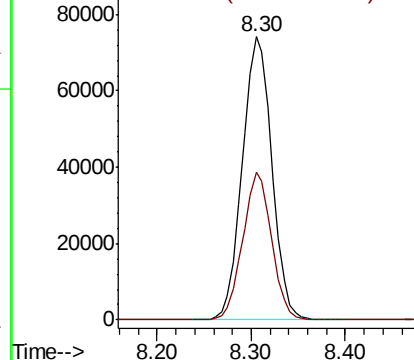
67 50.9 0.0 102.6

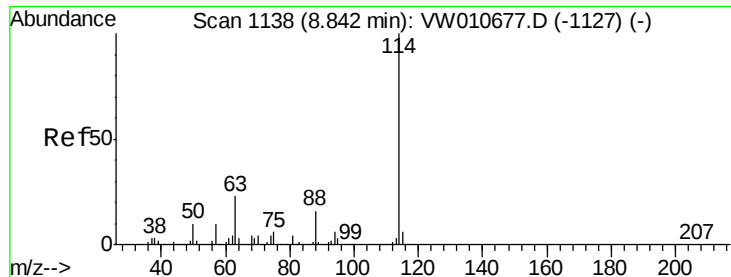


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

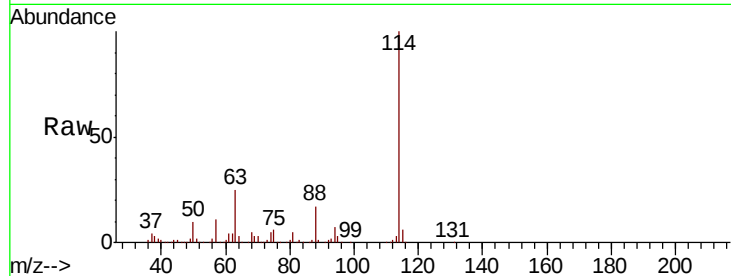




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010852.D
Acq: 19 Jun 2019 15:59

Instrument :
MSVOA_W
ClientSampleId :
OK-01-061719

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	46.4
88	16.7	0.0	32.2

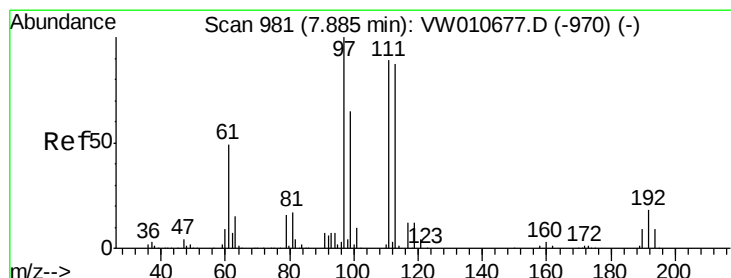
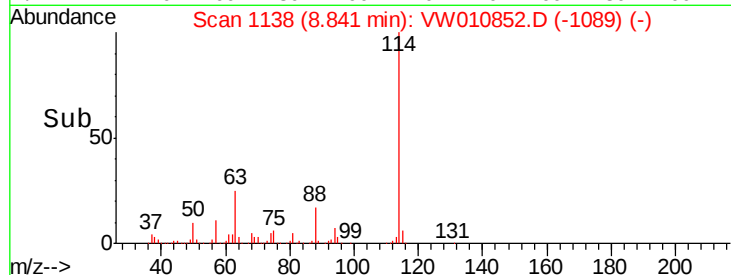
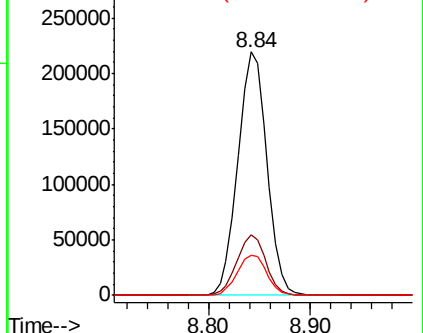


Abundance

Ion 113.90 (113.60 to 114.60): V

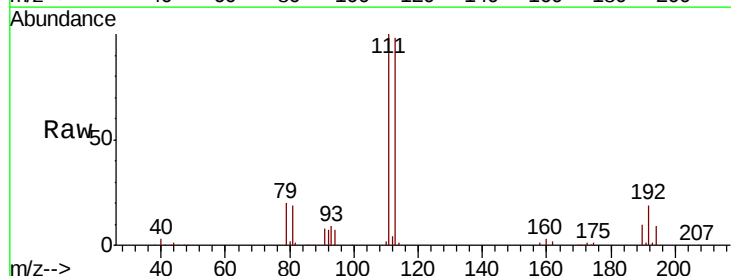
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 50.951 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010852.D
Acq: 19 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.5	16.4	24.6

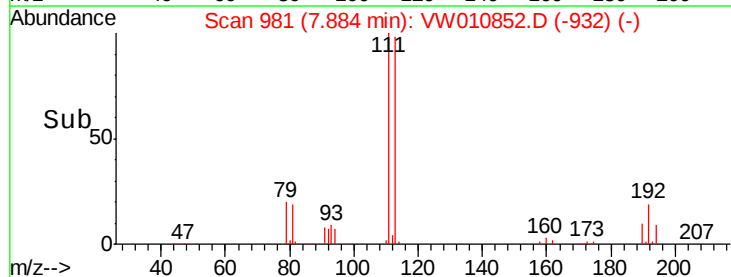
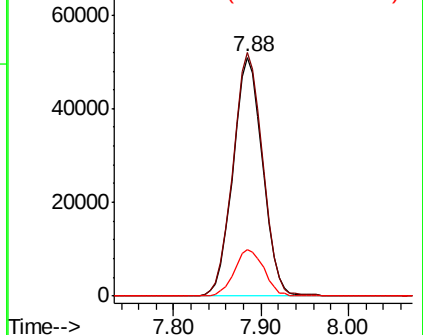


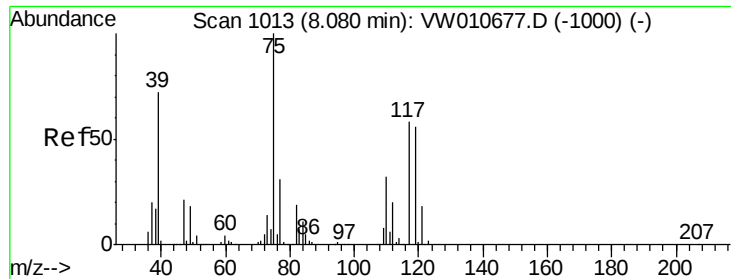
Abundance

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: 5.145 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW010852.D

Acq: 19 Jun 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

OK-01-061719

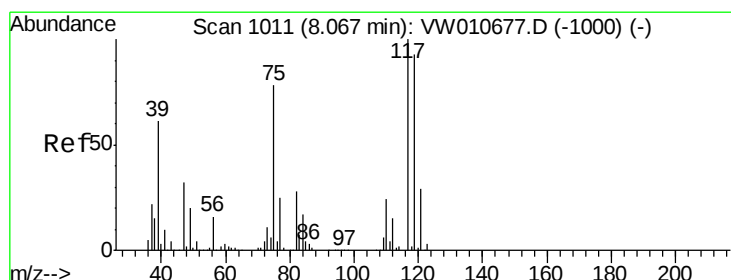
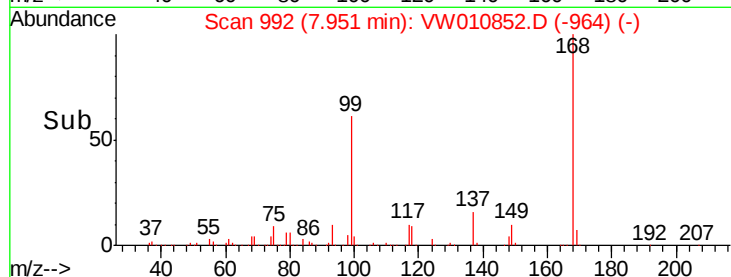
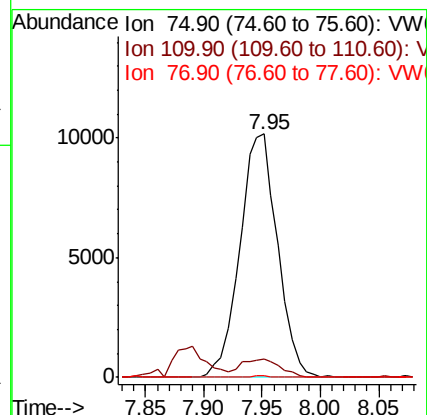
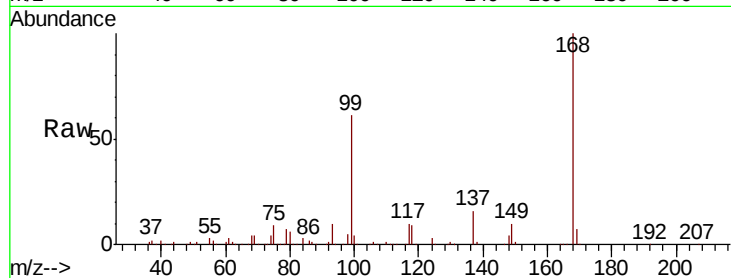
Tot Ion: 75 Resp: 22822

Ion Ratio Lower Upper

75 100

110 7.7 15.8 47.3#

77 0.2 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.784 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010852.D

Acq: 19 Jun 2019 15:59

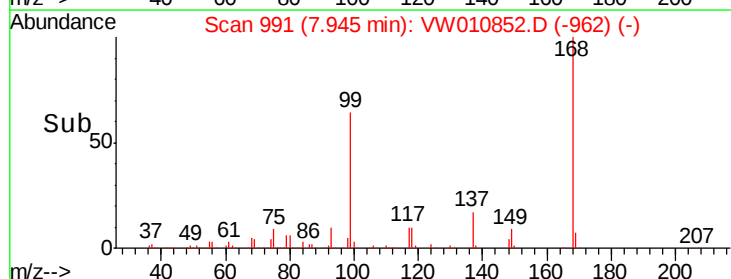
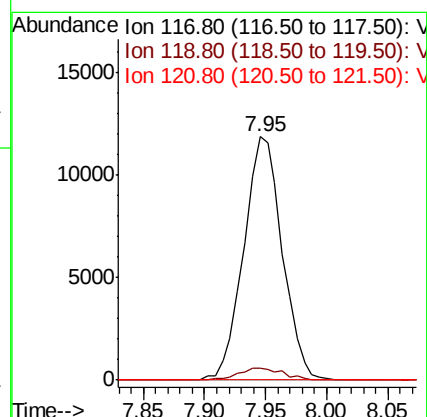
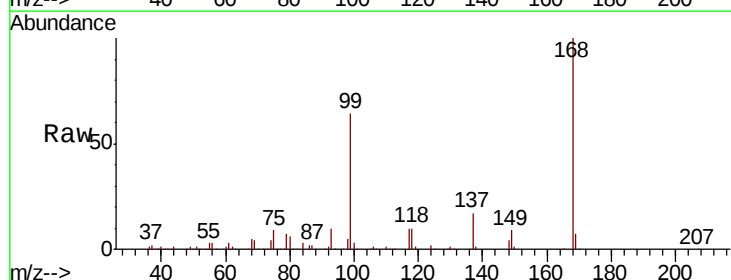
Tgt Ion: 117 Resp: 25981

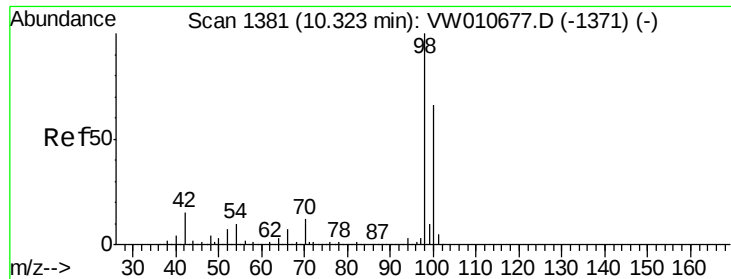
Ion Ratio Lower Upper

117 100

119 4.8 74.2 111.4#

121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 46.289 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010852.D

Acq: 19 Jun 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

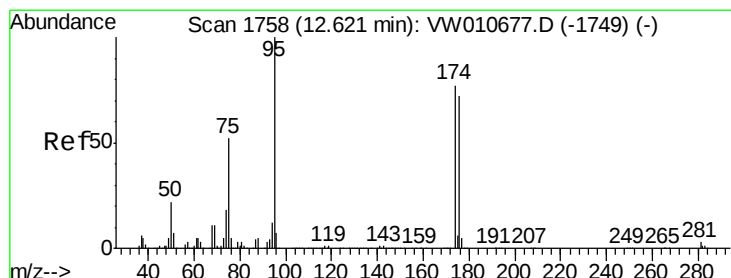
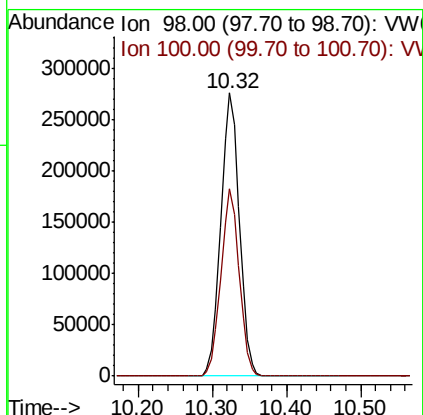
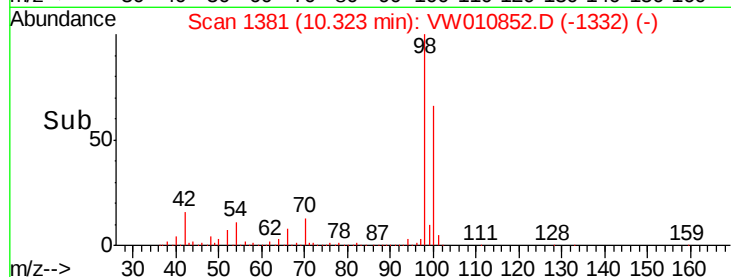
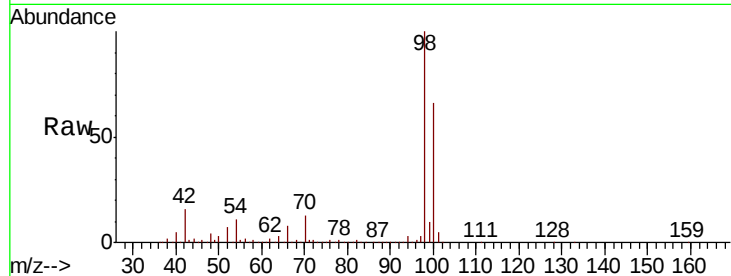
OK-01-061719

Tot Ion: 98 Resp: 477470

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 42.670 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010852.D

Acq: 19 Jun 2019 15:59

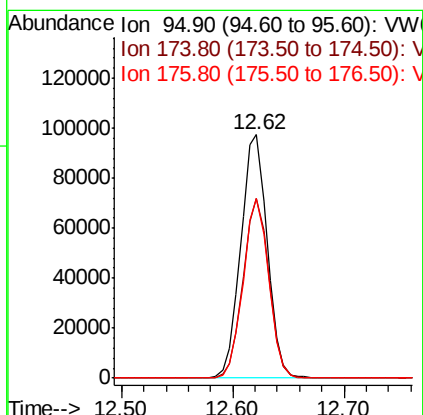
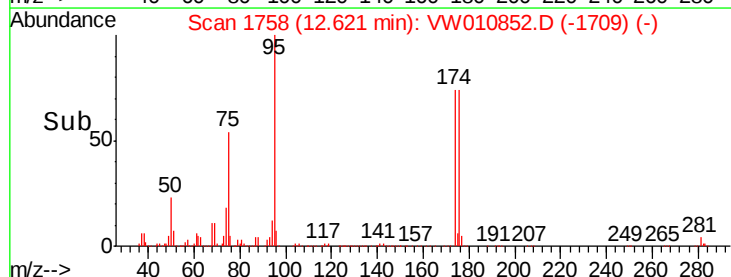
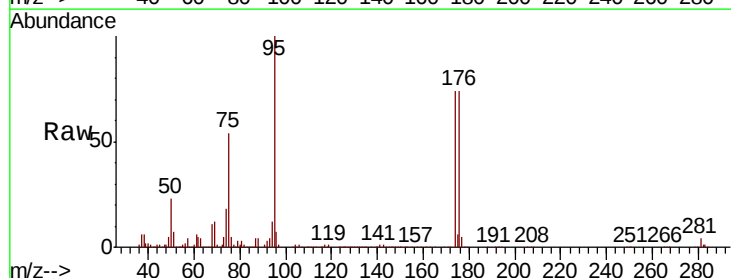
Tgt Ion: 95 Resp: 160163

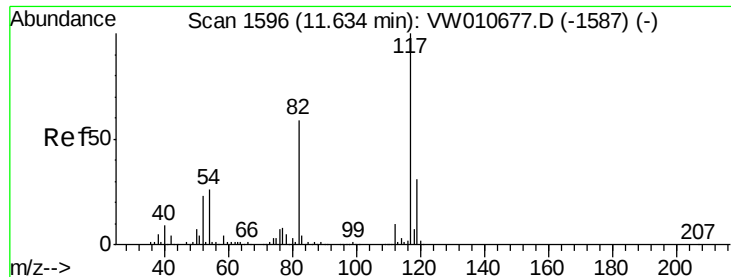
Ion Ratio Lower Upper

95 100

174 72.7 0.0 150.4

176 71.1 0.0 144.8

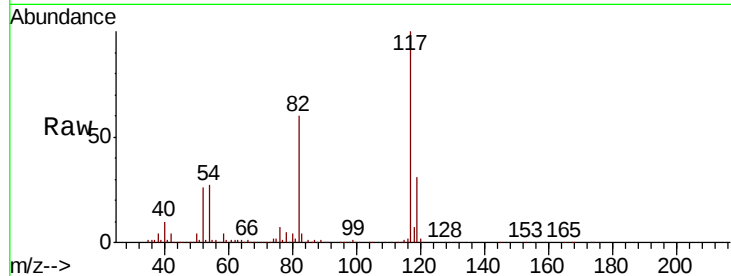




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010852.D
Acq: 19 Jun 2019 15:59

Instrument :
MSVOA_W
ClientSampleId :
OK-01-061719

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.0	70.4
119	31.3	25.1	37.7

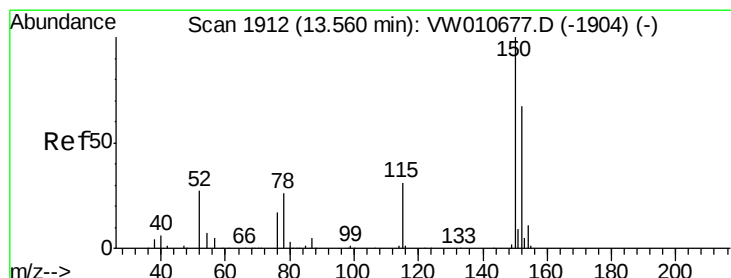
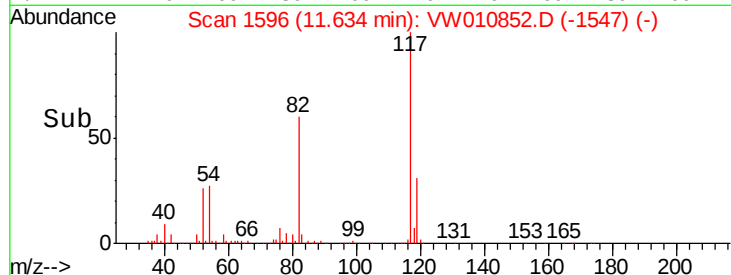
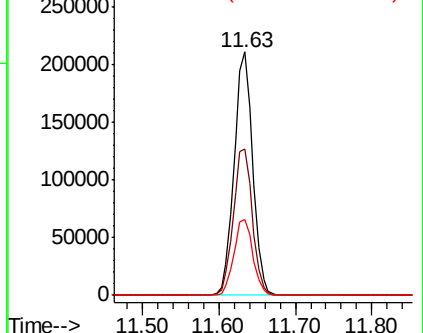


Abundance

Ion 116.90 (116.60 to 117.60): V

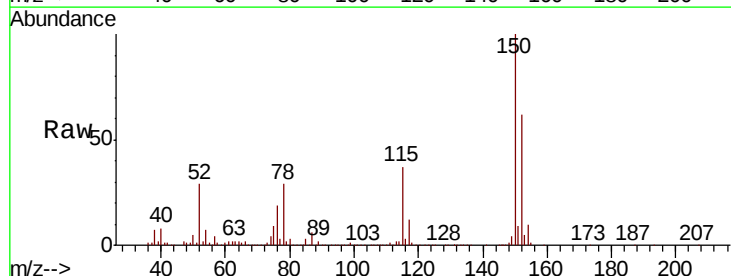
Ion 82.00 (81.70 to 82.70): V

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: VW010852.D
Acq: 19 Jun 2019 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.8	89.3
150	160.9	0.0	345.0

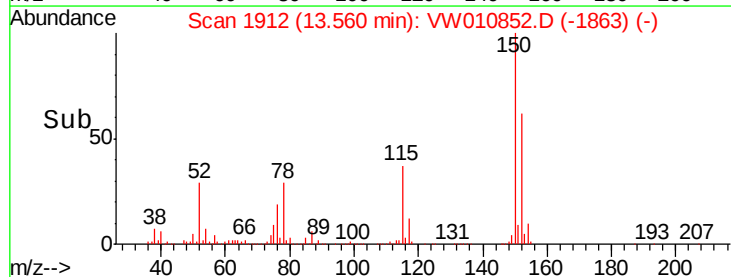
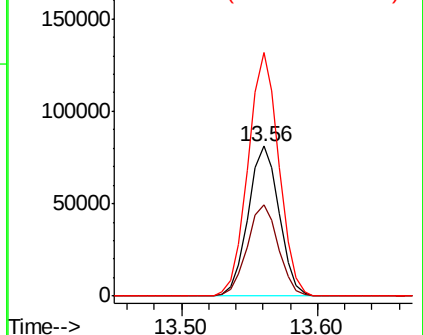


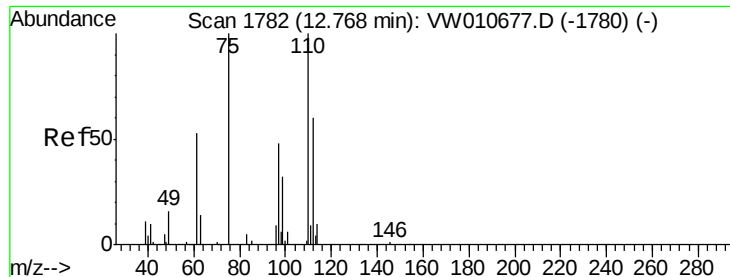
Abundance

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: 63.390 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010852.D

Acq: 19 Jun 2019 15:59

Instrument :

MSVOA_W

ClientSampleId :

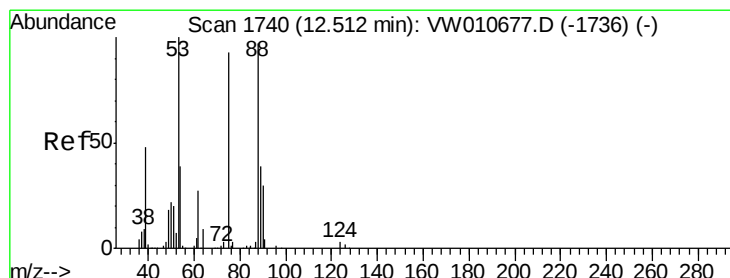
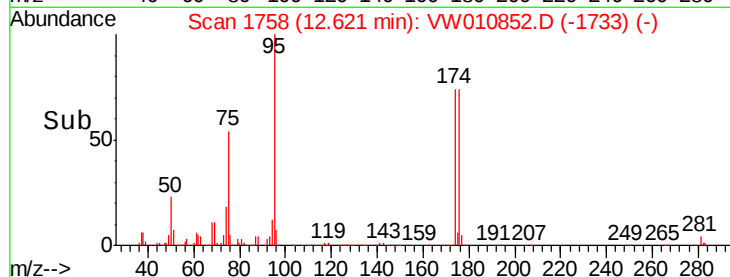
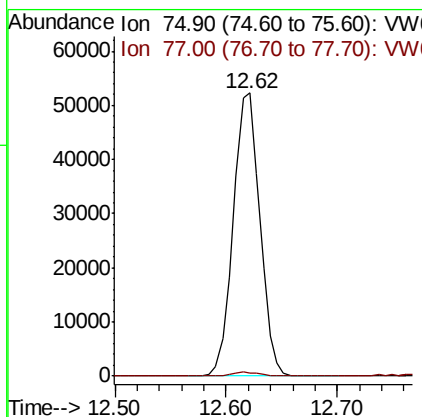
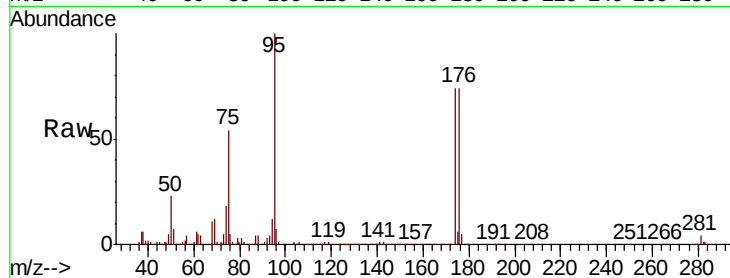
OK-01-061719

Tot Ion: 75 Resp: 86555

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 145.691 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010852.D

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Tgt Ion: 75 Resp: 86555

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.1 34.6 52.0#

