

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011078.D
 Acq On : 01 Jul 2019 12:14
 Operator : SY/VA
 Sample : K3158-07RE
 Misc : 6.15G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-062719RE

Quant Time: Jul 02 08:34:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79591	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	135404	54.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.64%	
35) Dibromofluoromethane	7.88	113	103170	50.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.50%	
50) Toluene-d8	10.32	98	392158	46.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.72%	
62) 4-Bromofluorobenzene	12.62	95	109501	35.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	71.56%	

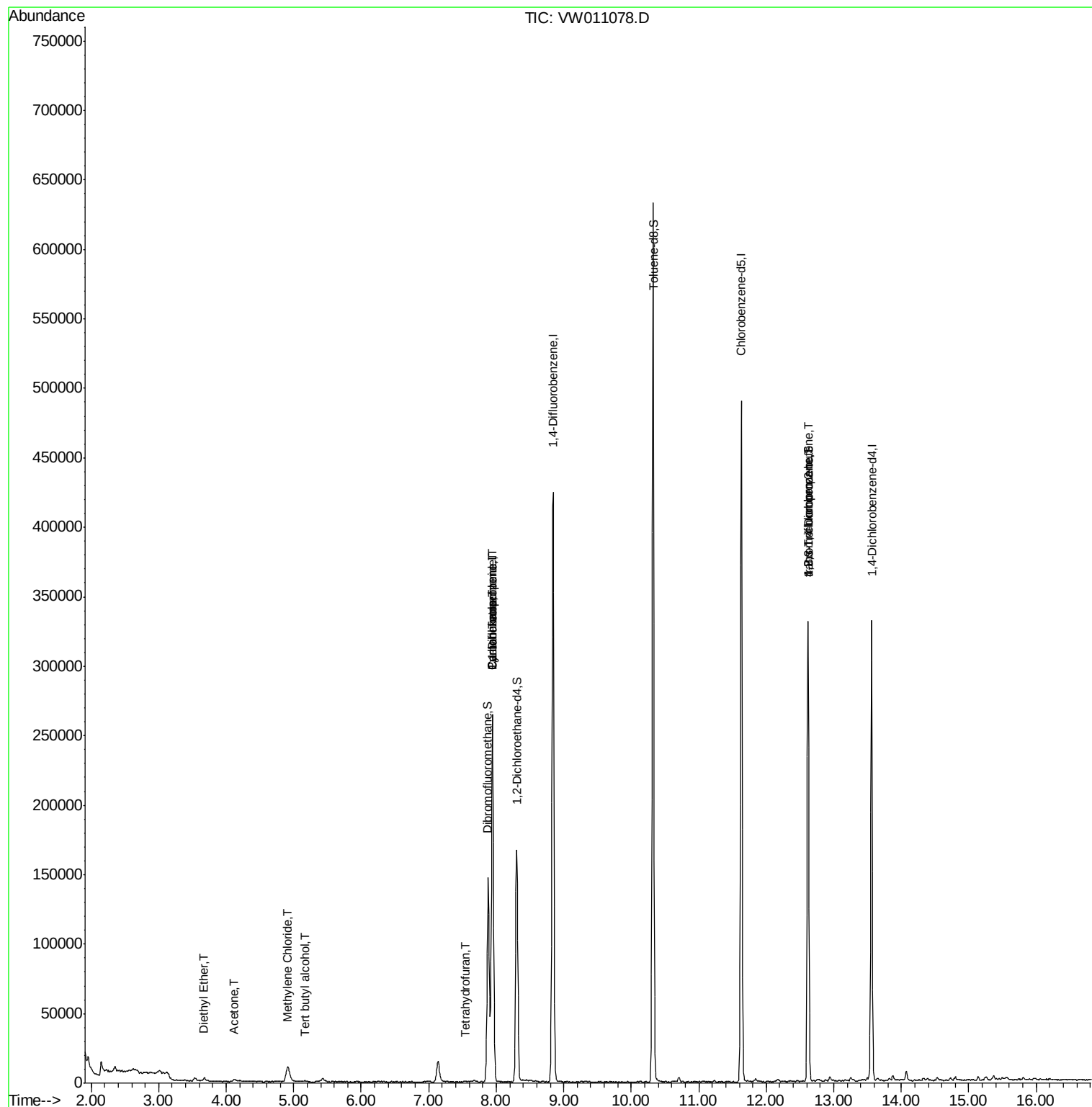
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1186	1.016	ug/l	94
11) Tert butyl alcohol	5.17	59	601	3.320	ug/l #	90
16) Acetone	4.12	43	4151	6.822	ug/l	96
20) Methylene Chloride	4.92	84	8823	3.569	ug/l	89
29) Tetrahydrofuran	7.54	42	592	1.028	ug/l #	48
31) Cyclohexane	7.94	56	5315	1.115	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	16486	4.607	ug/l #	51
38) Carbon Tetrachloride	7.94	117	19647	6.667	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	59007	70.224	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59007	141.260	ug/l #	3

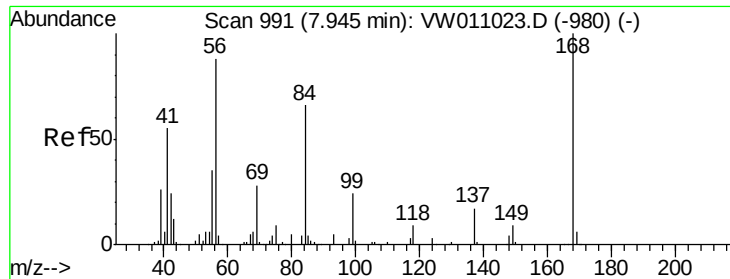
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070119\
Data File : VW011078.D
Acq On : 01 Jul 2019 12:14
Operator : SY/VA
Sample : K3158-07RE
Misc : 6.15G/5ML/MSVOA W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-02-062719RE

Quant Time: Jul 02 08:34:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011078.D

Acq: 01 Jul 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

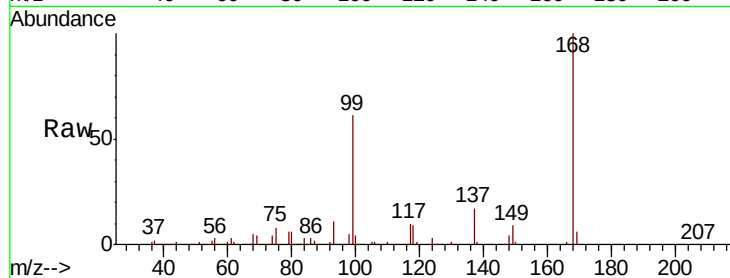
OK-02-062719RE

Tot Ion:168 Resp: 190692

Ion Ratio Lower Upper

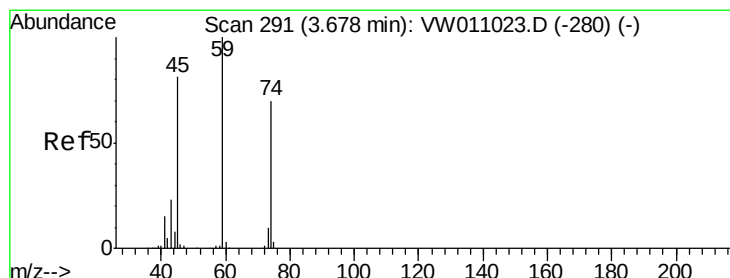
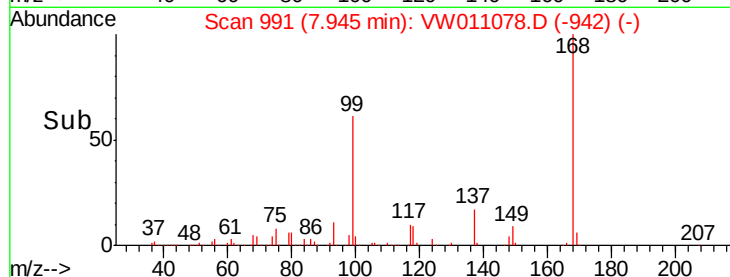
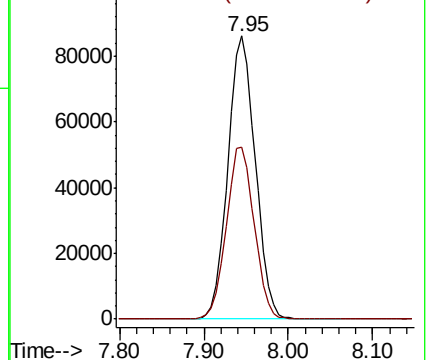
168 100

99 60.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.016 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW011078.D

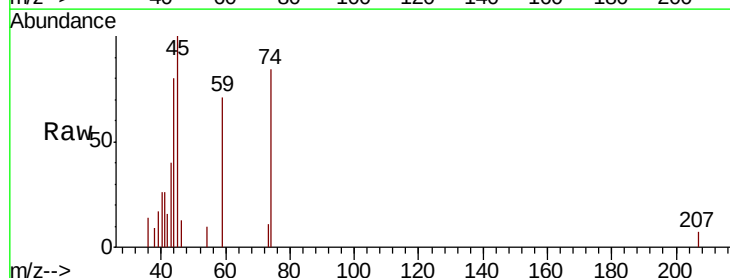
Acq: 01 Jul 2019 12:14

Tgt Ion: 74 Resp: 1186

Ion Ratio Lower Upper

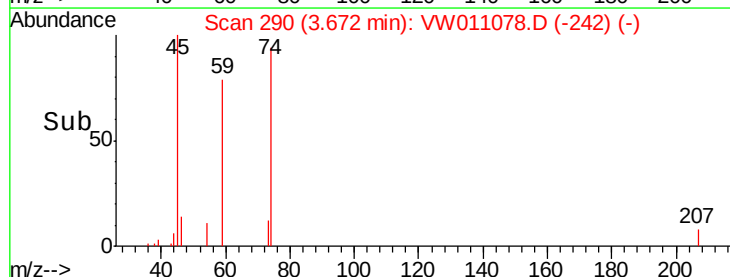
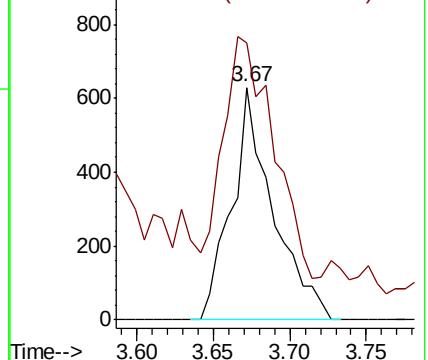
74 100

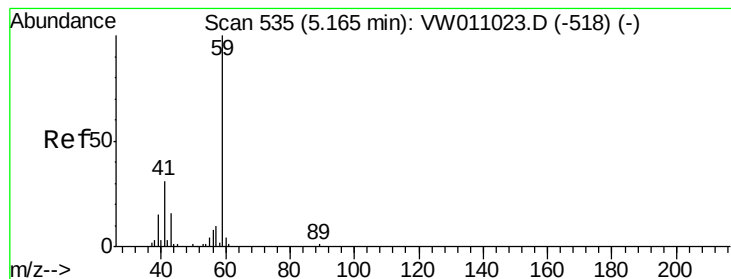
45 125.5 59.5 178.5



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW



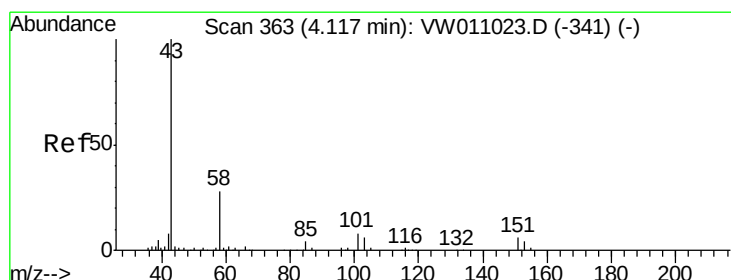
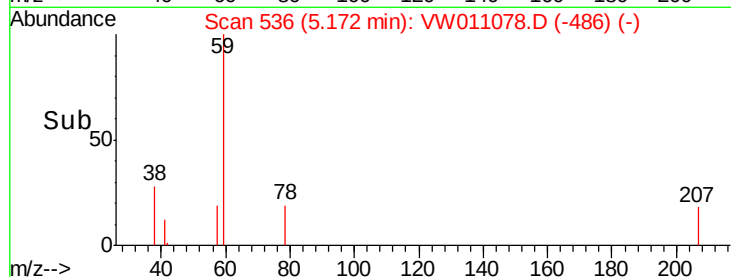
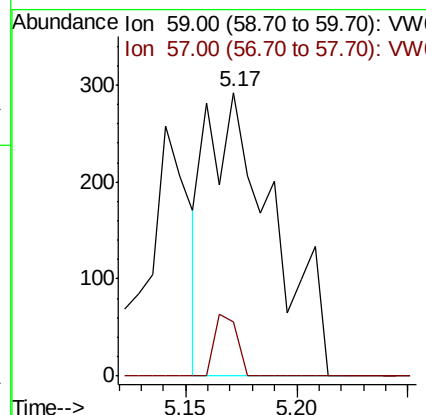
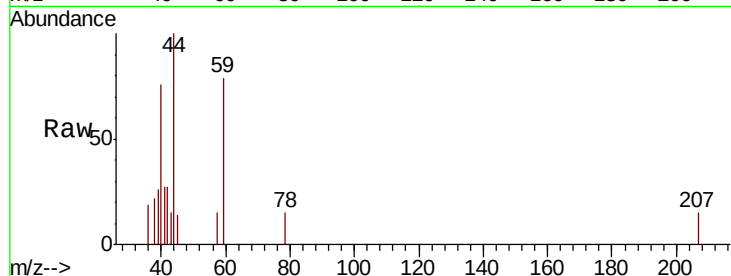


#11

Tert butyl alcohol
 Concen: 3.320 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-062719RE

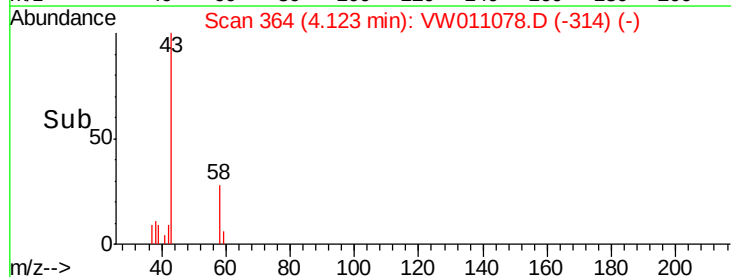
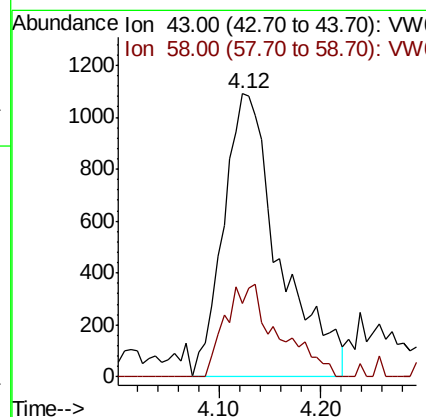
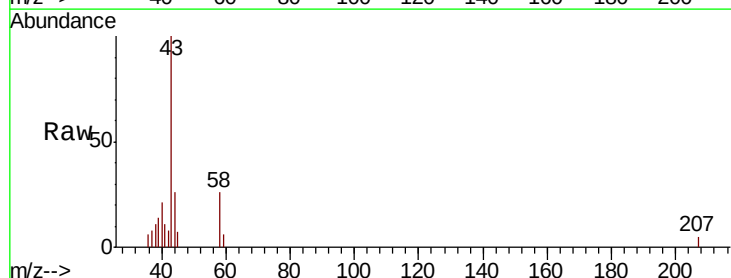
Tot Ion: 59 Resp: 601
 Ion Ratio Lower Upper
 59 100
 57 7.3 9.0 13.4#

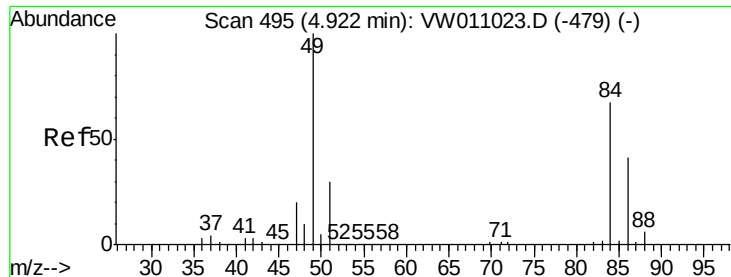


#16

Acetone
 Concen: 6.822 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

Tgt Ion: 43 Resp: 4151
 Ion Ratio Lower Upper
 43 100
 58 26.1 22.5 33.7

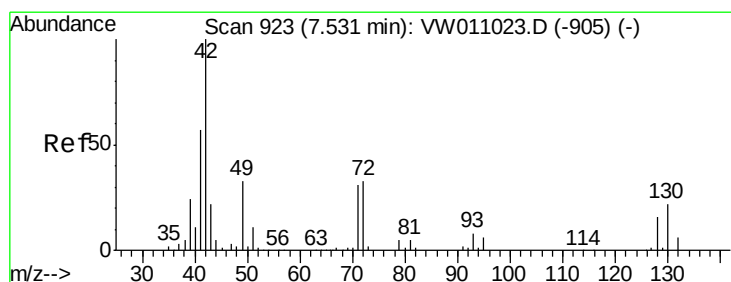
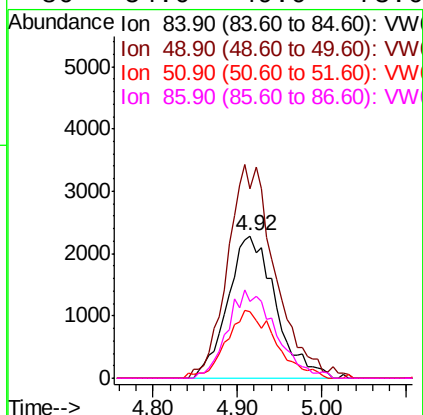
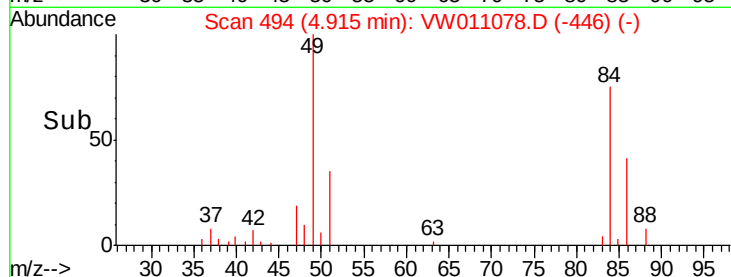
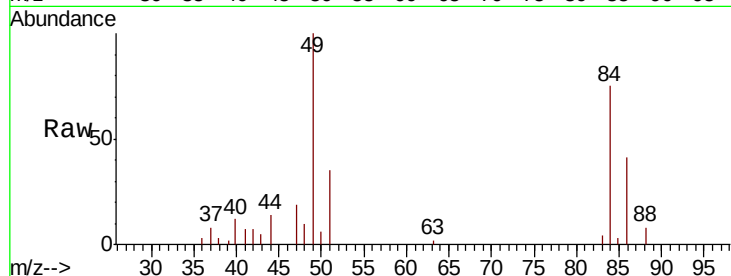




#20
Methvlene Chloride
Concen: 3.569 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011078.D
Acq: 01 Jul 2019 12:14

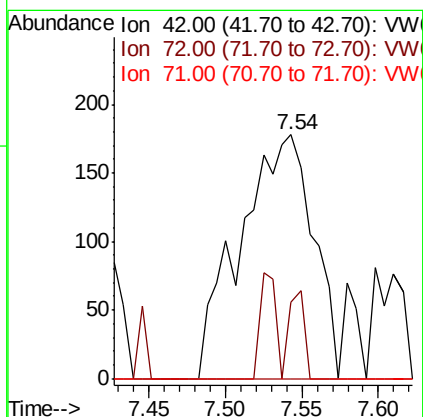
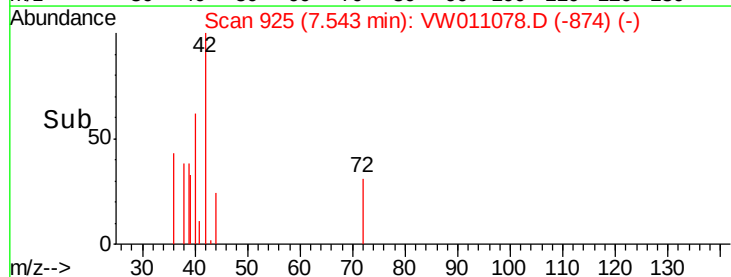
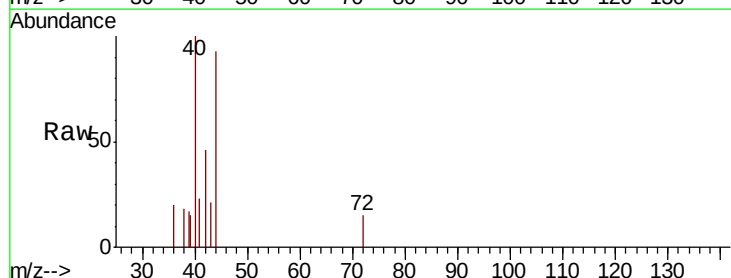
Instrument :
MSVOA_W
ClientSampleId :
OK-02-062719RE

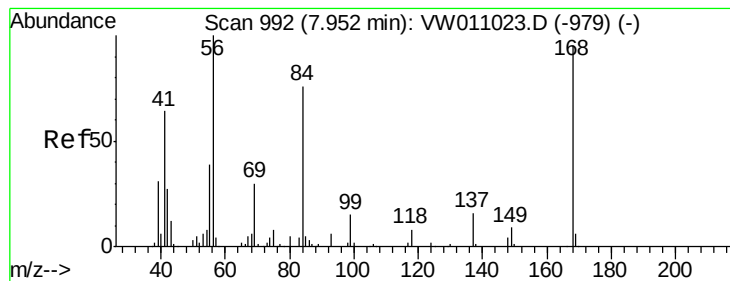
Tot Ion:	84	Resp:	8823
Ion	Ratio	Lower	Upper
84	100		
49	133.0	119.6	179.4
51	46.7	35.6	53.4
86	54.0	49.0	73.6



#29
Tetrahydrofuran
Concen: 1.028 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW011078.D
Acq: 01 Jul 2019 12:14

Tgt Ion:	42	Resp:	592
Ion	Ratio	Lower	Upper
42	100		
72	7.4	27.4	41.0#
71	0.0	25.6	38.4#





#31

Cyclohexane

Concen: 1.115 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011078.D

Acq: 01 Jul 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

OK-02-062719RE

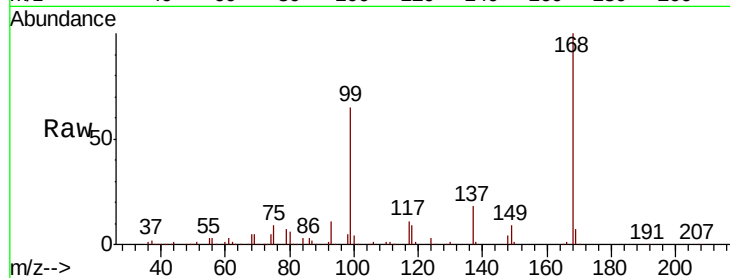
Tot Ion: 56 Resp: 5315

Ion Ratio Lower Upper

56 100

69 153.0 24.2 36.2#

84 107.8 60.6 90.8#

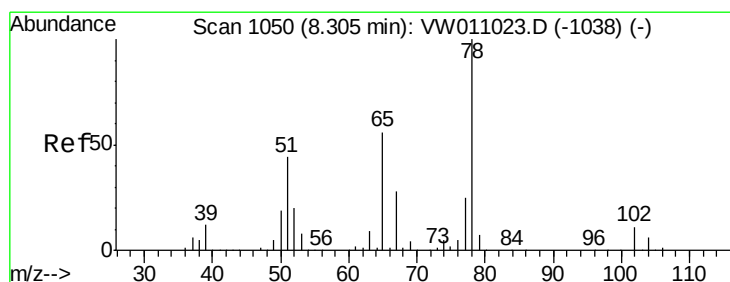
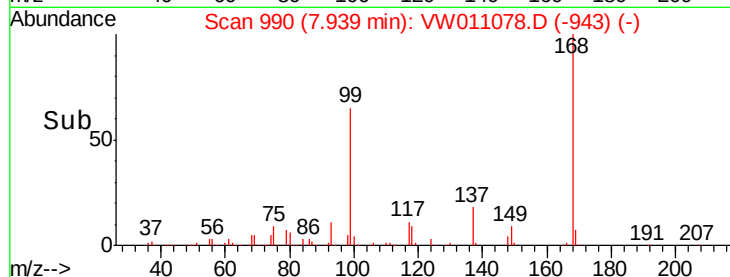
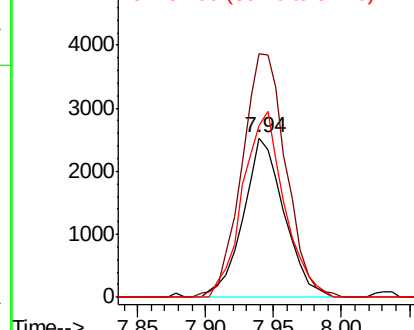


Abundance

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: 54.317 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011078.D

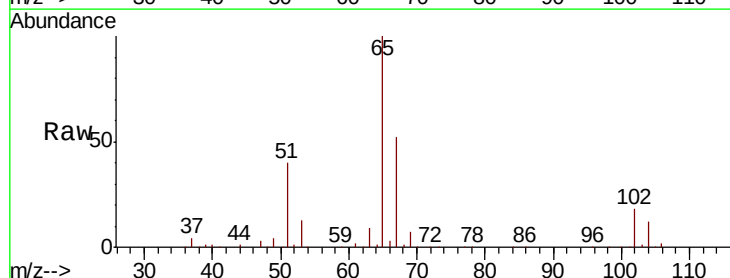
Acq: 01 Jul 2019 12:14

Tgt Ion: 65 Resp: 135404

Ion Ratio Lower Upper

65 100

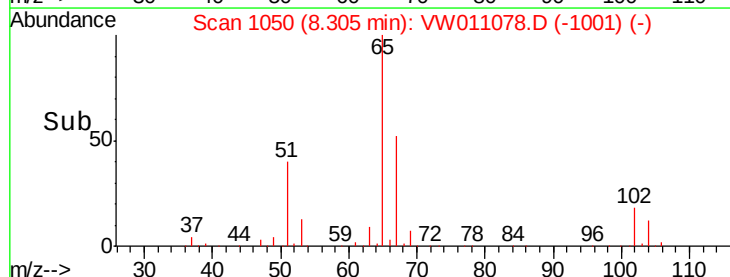
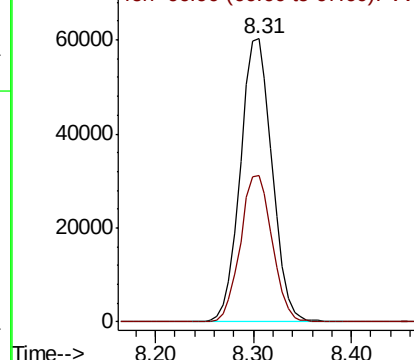
67 52.0 0.0 102.4

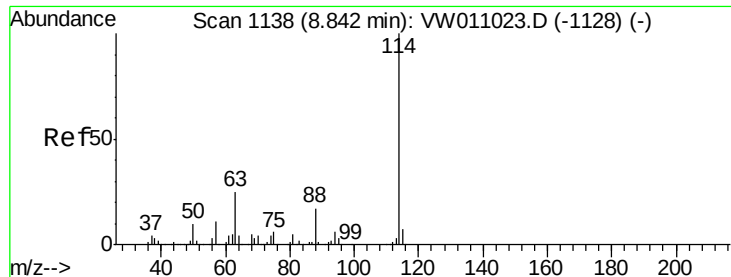


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

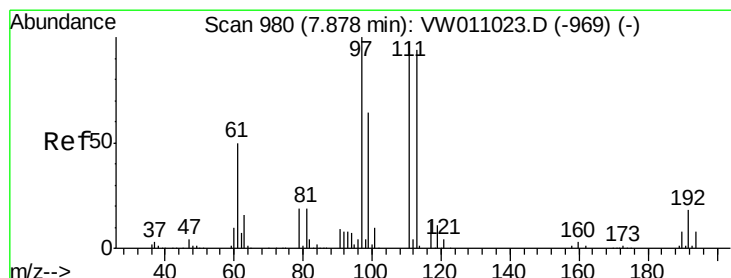
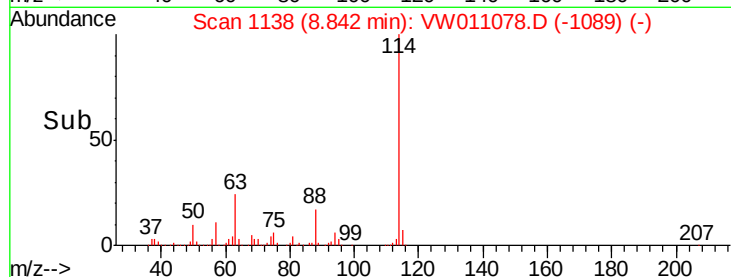
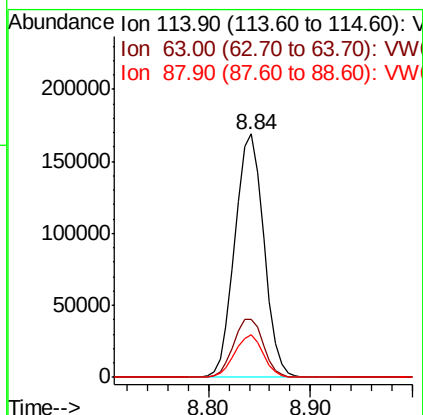
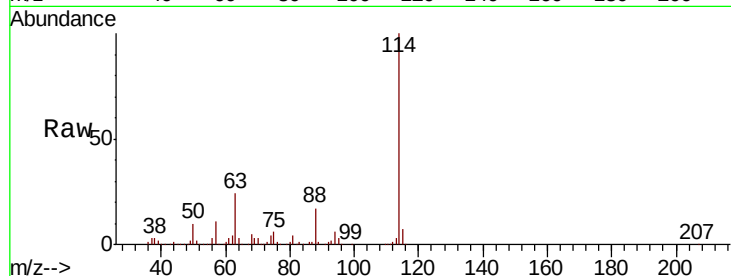




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

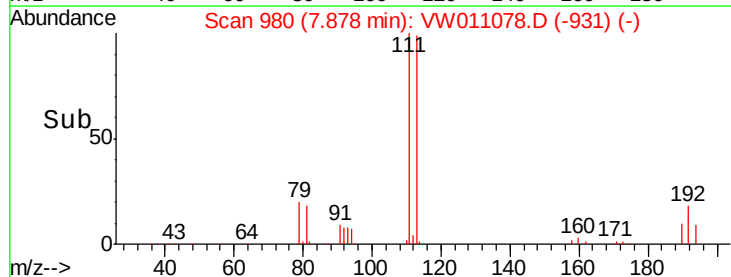
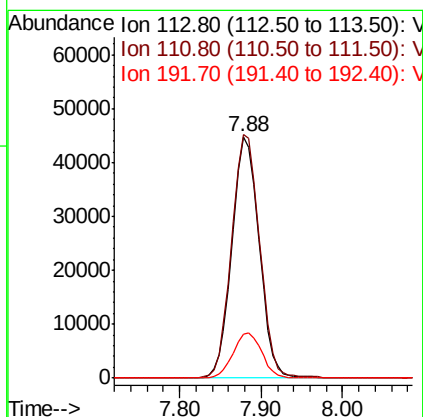
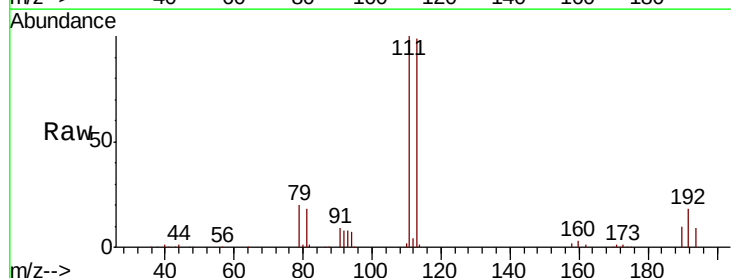
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-062719RE

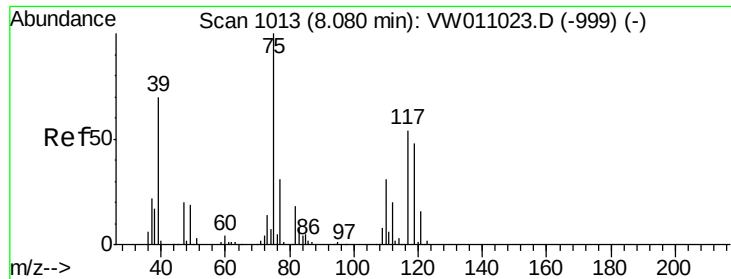
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	50.6
88	17.3	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 50.748 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.8	125.6
192	19.6	16.0	24.0

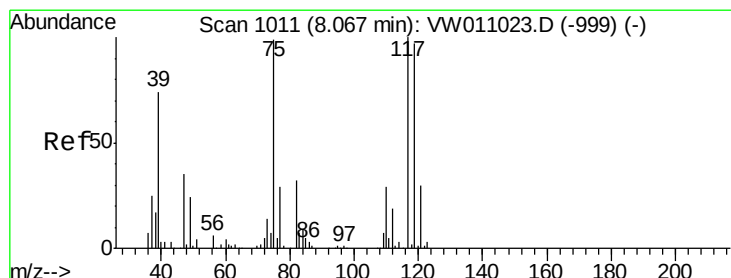
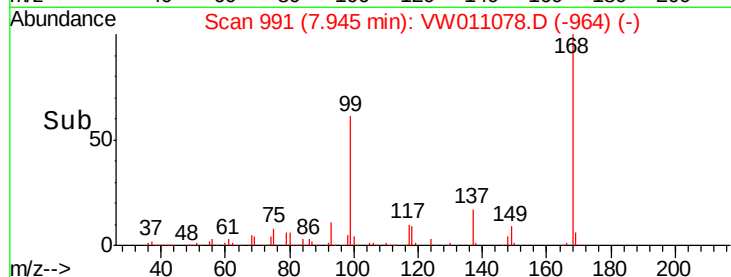
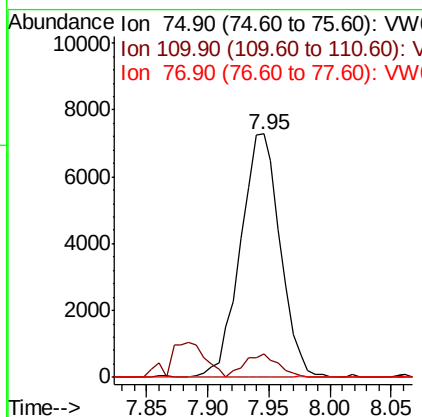
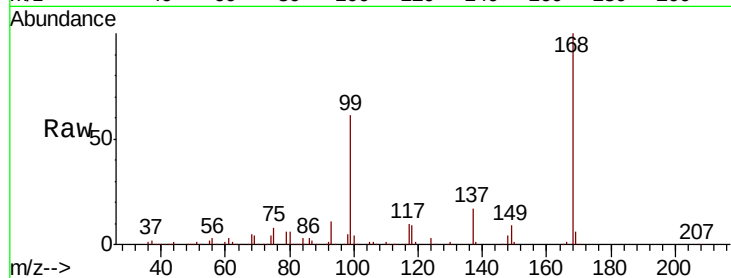




#36
 1,1-Dichloropropene
 Concen: 4.607 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

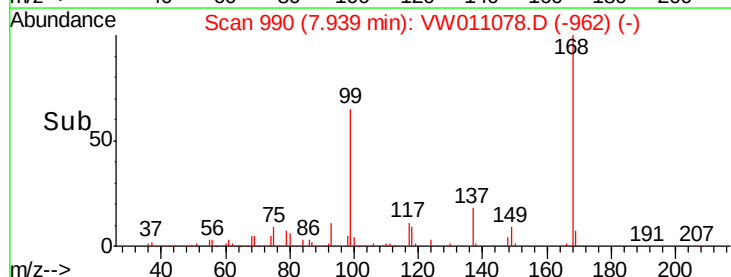
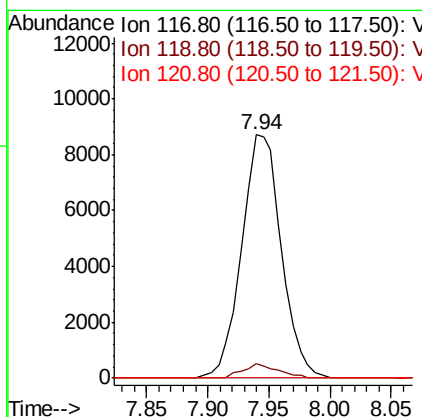
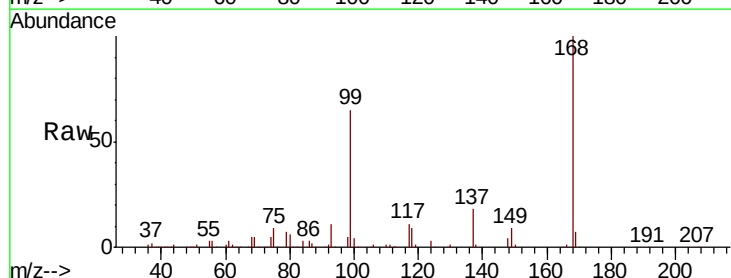
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-062719RE

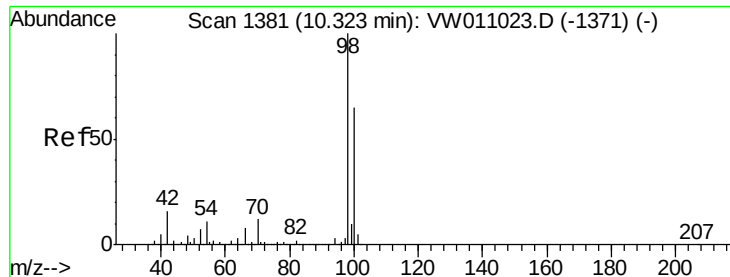
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	15.5	46.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.667 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.7	116.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 46.863 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011078.D

Acq: 01 Jul 2019 12:14

Instrument :

MSVOA_W

ClientSampleId :

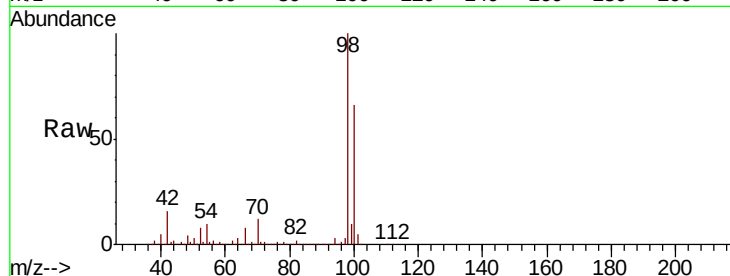
OK-02-062719RE

Tot Ion: 98 Resp: 392158

Ion Ratio Lower Upper

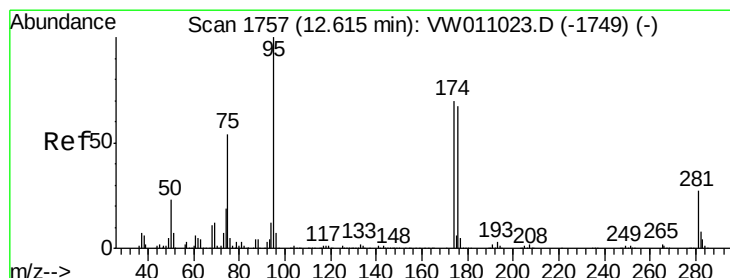
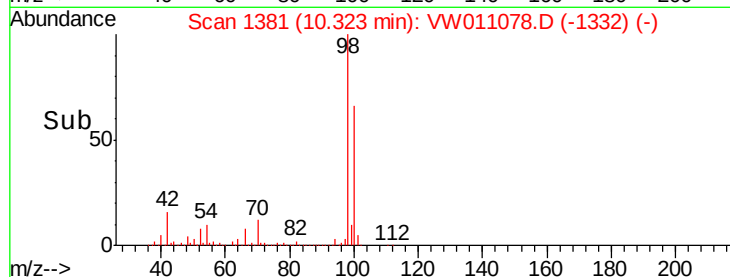
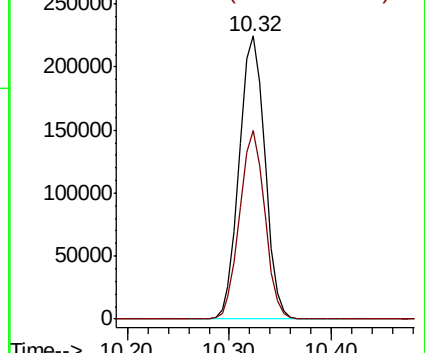
98 100

100 64.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 35.777 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011078.D

Acq: 01 Jul 2019 12:14

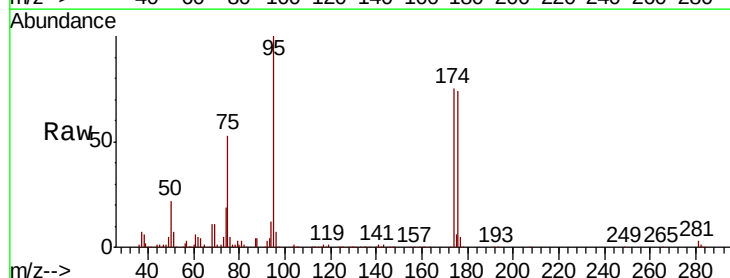
Tgt Ion: 95 Resp: 109501

Ion Ratio Lower Upper

95 100

174 72.7 0.0 149.2

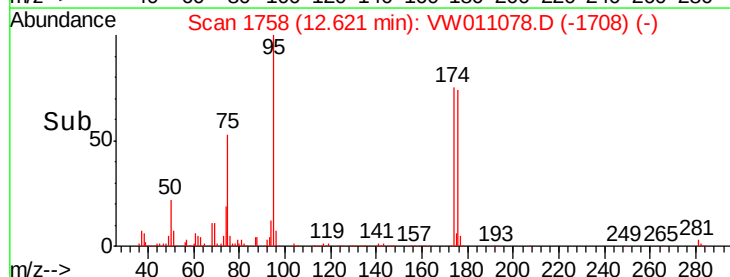
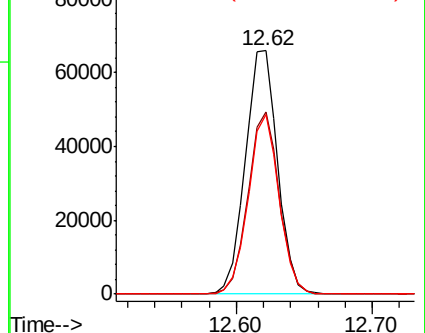
176 70.5 0.0 143.6

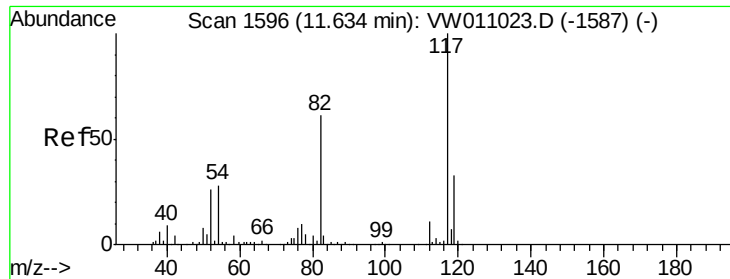


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

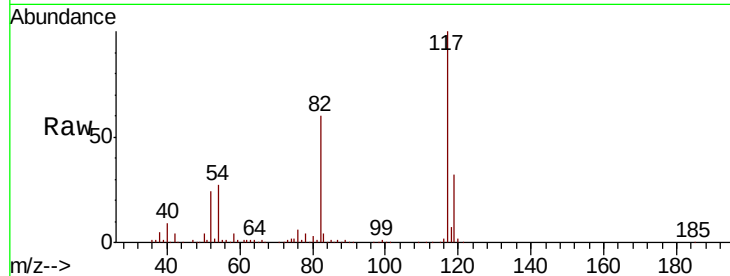




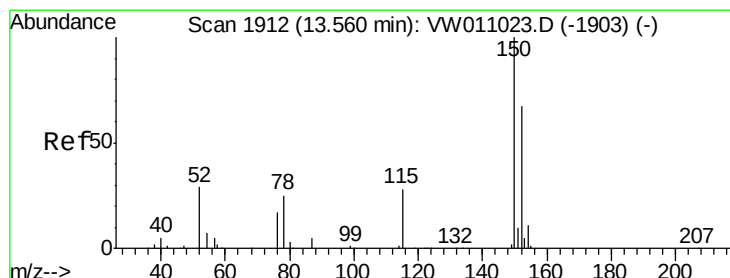
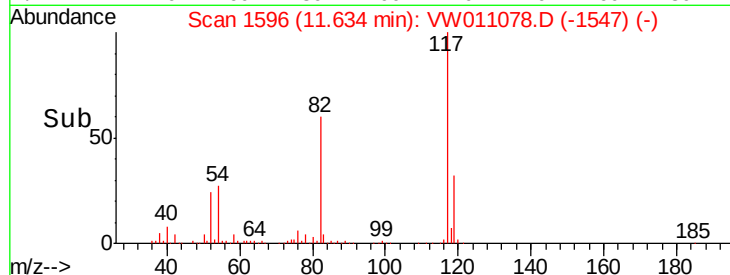
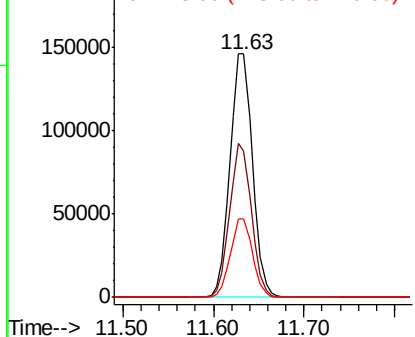
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011078.D
Acq: 01 Jul 2019 12:14

Instrument :
MSVOA_W
ClientSampleId :
OK-02-062719RE

Tot Ion:117 Resp: 251710
Ion Ratio Lower Upper
117 100
82 59.9 48.6 73.0
119 32.3 26.1 39.1

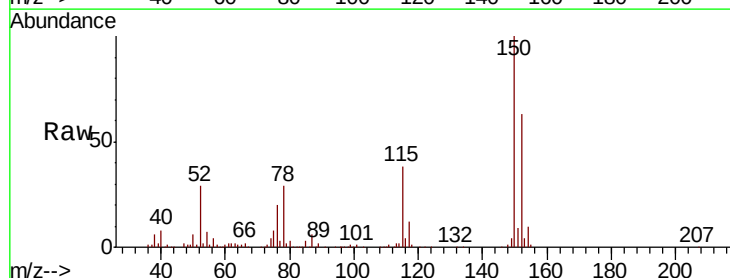


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

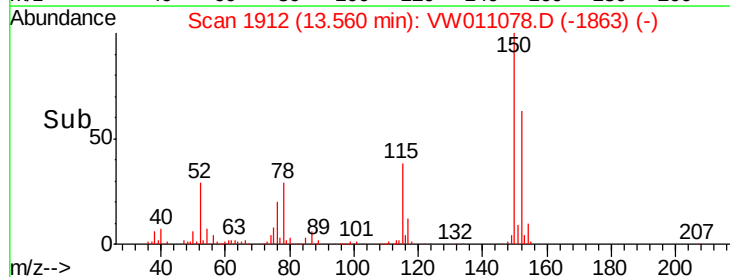
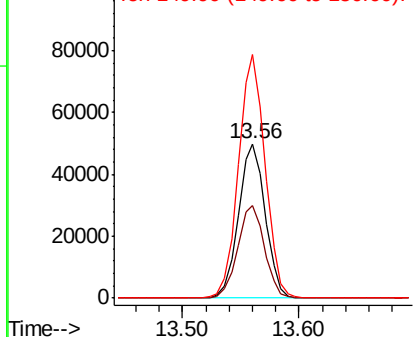


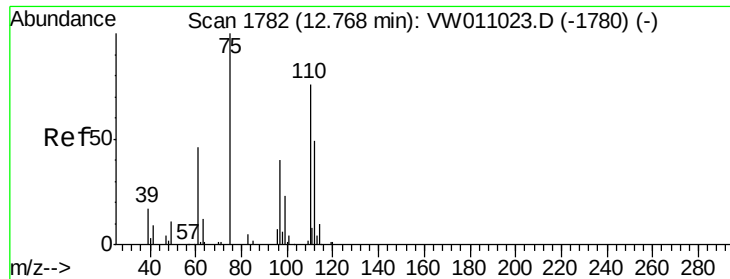
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011078.D
Acq: 01 Jul 2019 12:14

Tgt Ion:152 Resp: 79591
Ion Ratio Lower Upper
152 100
115 60.1 30.7 92.1
150 157.2 0.0 341.8



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

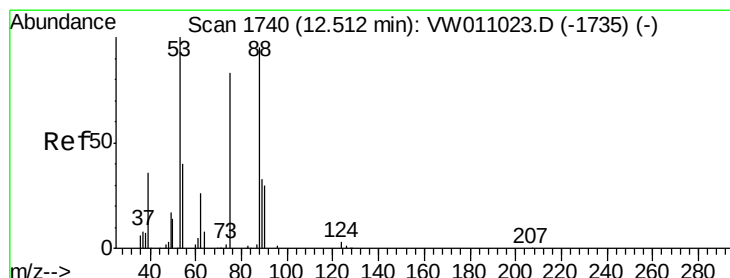
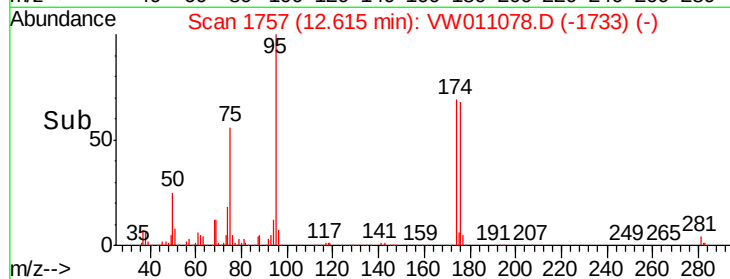
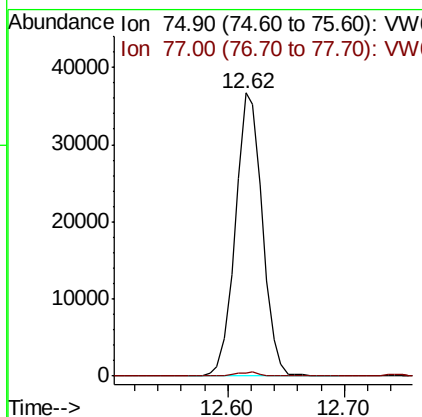
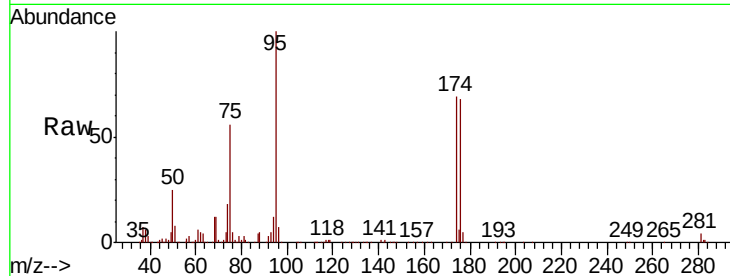




#76
 1,2,3-Trichloropropane
 Concen: 70.224 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-062719RE

Tot Ion: 75 Resp: 59007
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.260 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011078.D
 Acq: 01 Jul 2019 12:14

Tgt Ion: 75 Resp: 59007
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.1 34.4 51.6#

