

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011042.D
 Acq On : 28 Jun 2019 03:40
 Operator : SY/VA
 Sample : K3157-17
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 08:35:38 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	196702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	334523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102622	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	132356	51.47	ug/l	0.00
Spiked Amount						
			Recovery	=	102.94%	
35) Dibromofluoromethane	7.88	113	100354	49.13	ug/l	0.00
Spiked Amount						
			Recovery	=	98.26%	
50) Toluene-d8	10.32	98	405537	48.23	ug/l	0.00
Spiked Amount						
			Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.62	95	125827	40.91	ug/l	0.00
Spiked Amount						
			Recovery	=	81.82%	

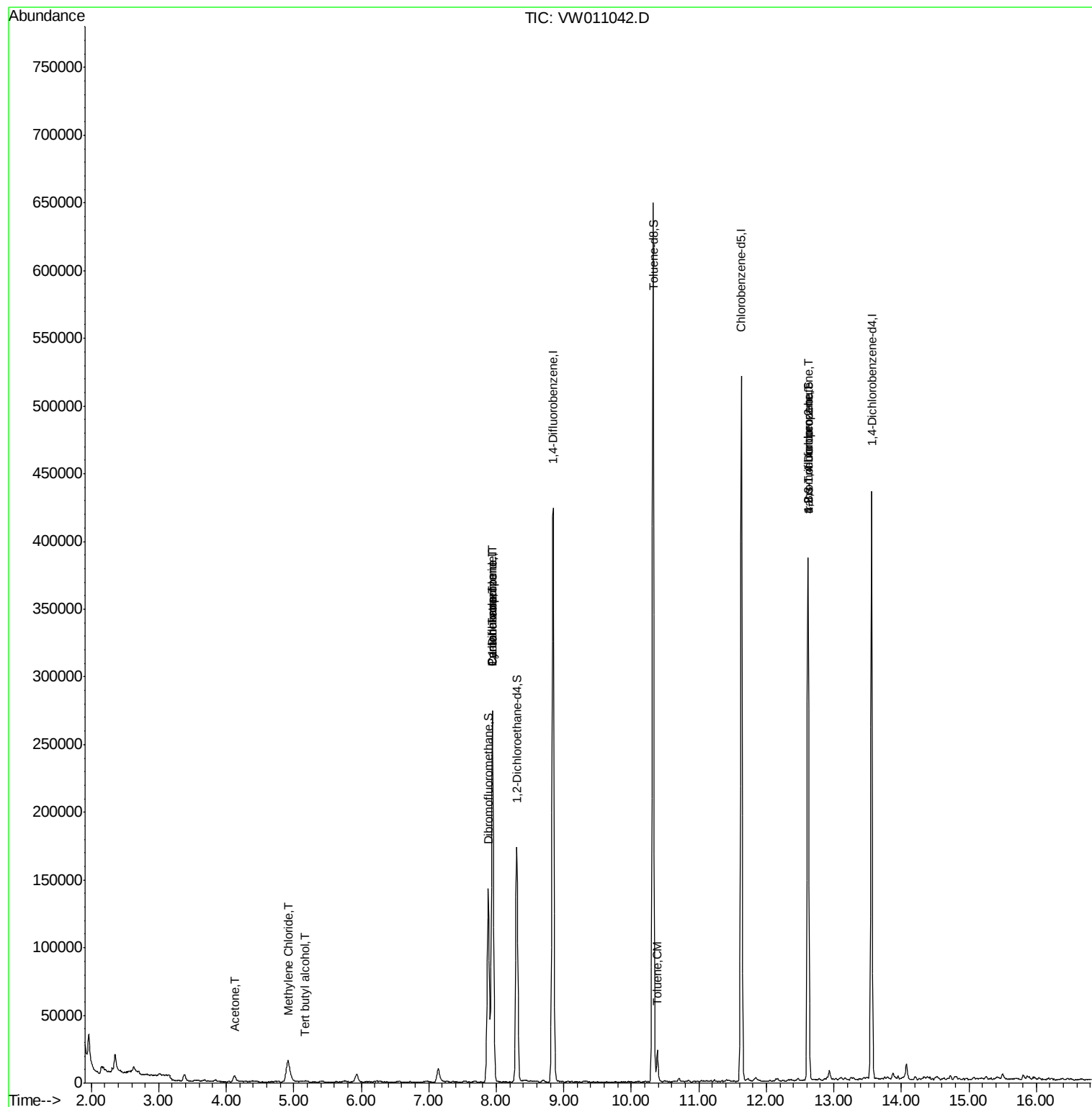
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	916	4.905	ug/l #	71
16) Acetone	4.12	43	8878	14.144	ug/l	94
20) Methylene Chloride	4.92	84	13175	5.166	ug/l	99
31) Cyclohexane	7.95	56	5334	1.084	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	18010	5.009	ug/l #	51
38) Carbon Tetrachloride	7.94	117	20284	6.850	ug/l #	15
52) Toluene	10.39	92	8786	1.451	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	68823	63.524	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68823	128.174	ug/l #	3

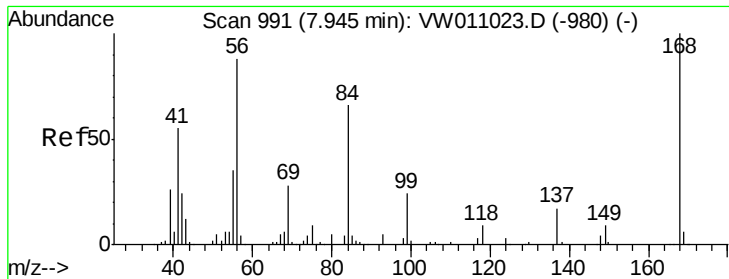
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
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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: VW011042.D

Acq: 28 Jun 2019 03:40

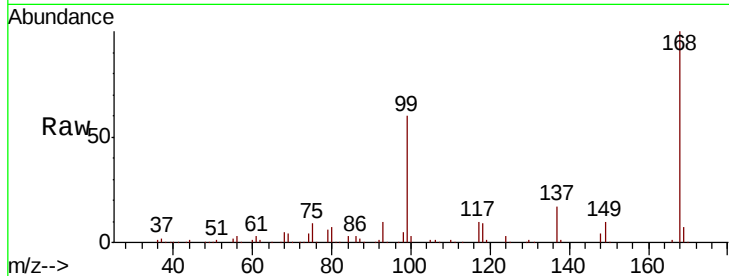
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 196702

Ion Ratio Lower Upper

168 100

99 60.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

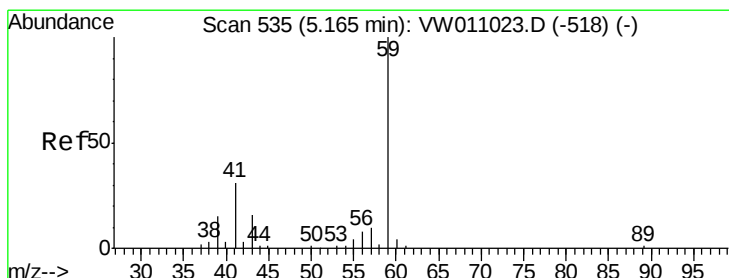
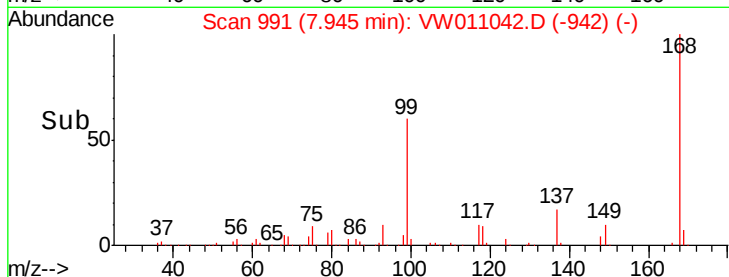
40000

20000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 4.905 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW011042.D

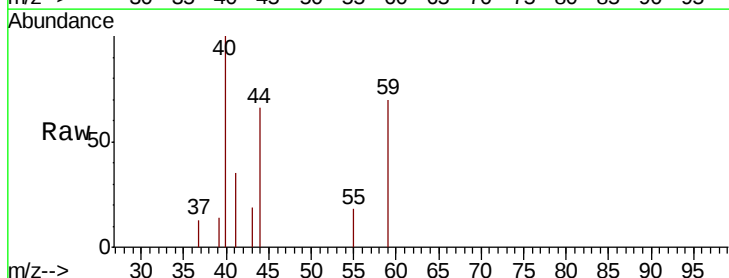
Acq: 28 Jun 2019 03:40

Tgt Ion: 59 Resp: 916

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

5.16

400

300

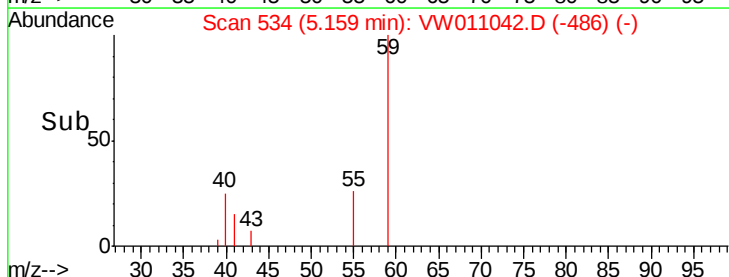
200

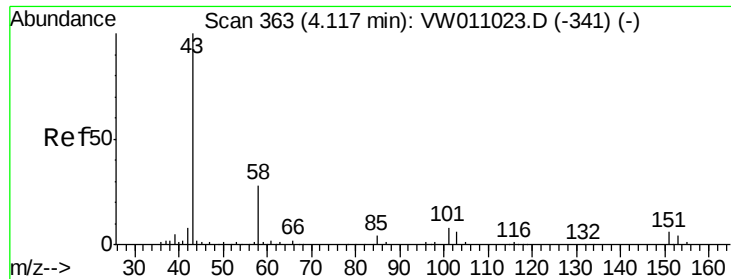
100

0

Time-->

5.05 5.10 5.15 5.20





#16

Acetone

Concen: 14.144 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011042.D

Acq: 28 Jun 2019 03:40

Instrument :

MSVOA_W

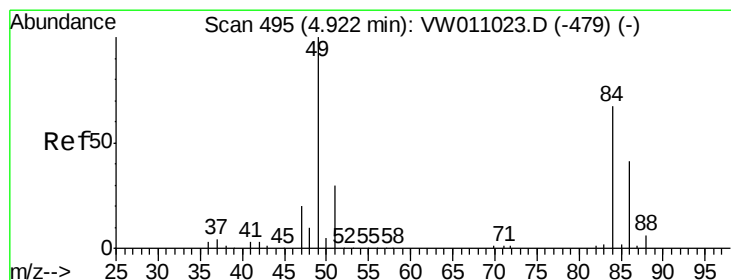
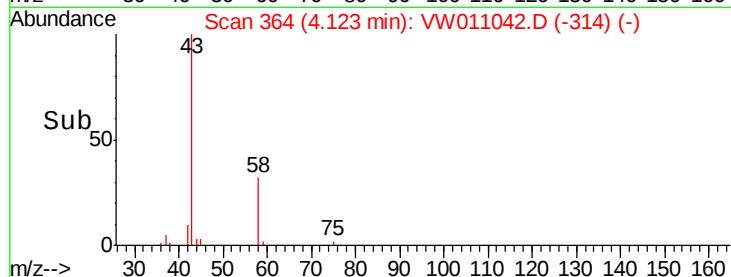
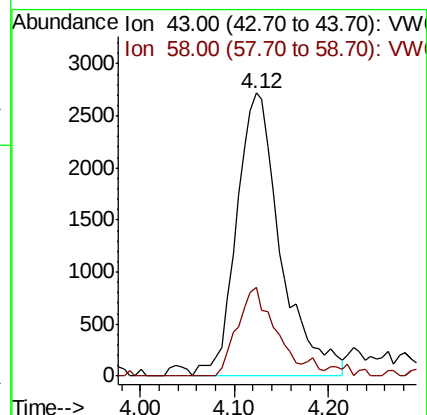
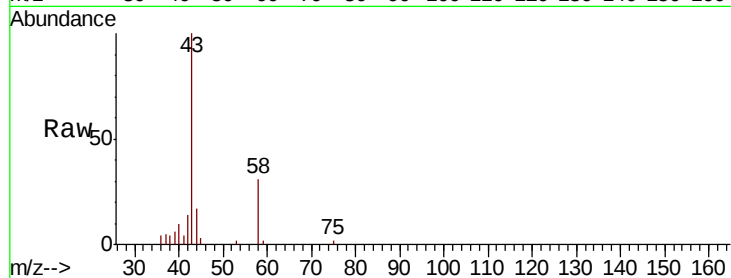
ClientSampleId :

Tot Ion: 43 Resp: 8878

Ion Ratio Lower Upper

43 100

58 31.5 22.5 33.7



#20

Methylene Chloride

Concen: 5.166 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011042.D

Acq: 28 Jun 2019 03:40

Tgt Ion: 84 Resp: 13175

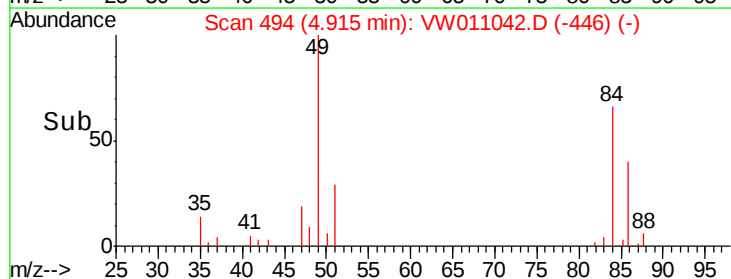
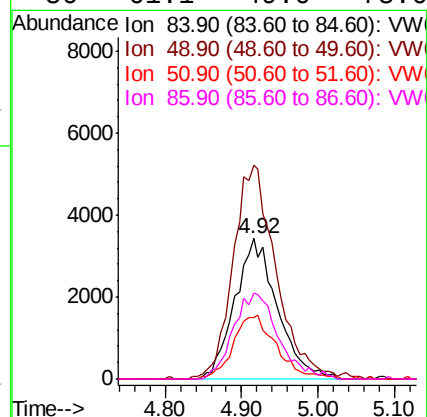
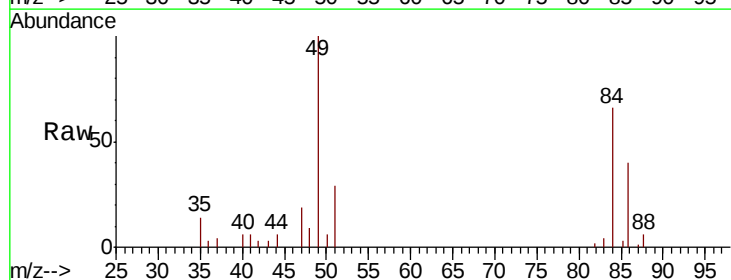
Ion Ratio Lower Upper

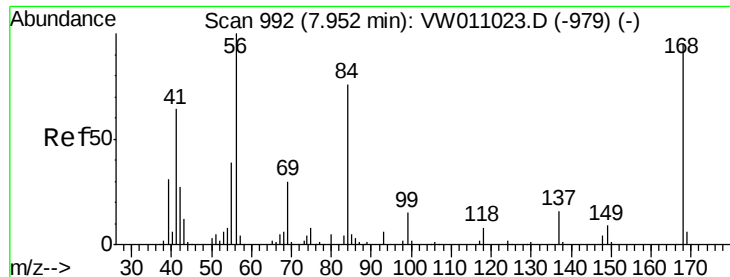
84 100

49 149.9 119.6 179.4

51 43.5 35.6 53.4

86 61.1 49.0 73.6

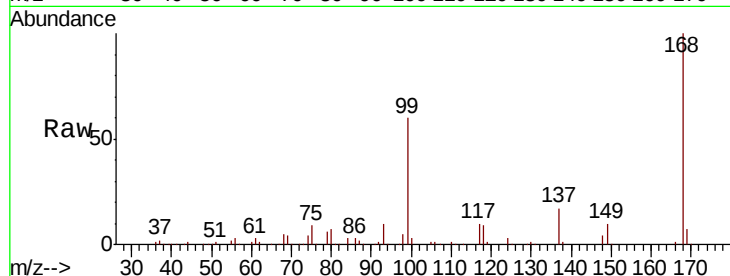




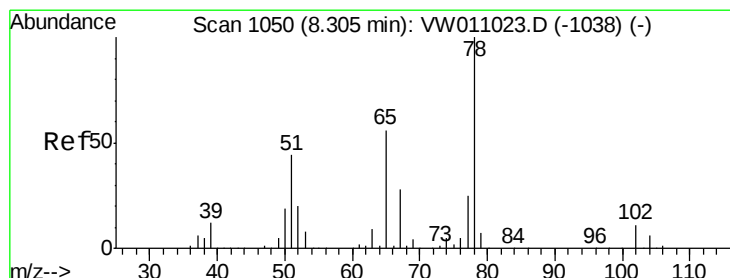
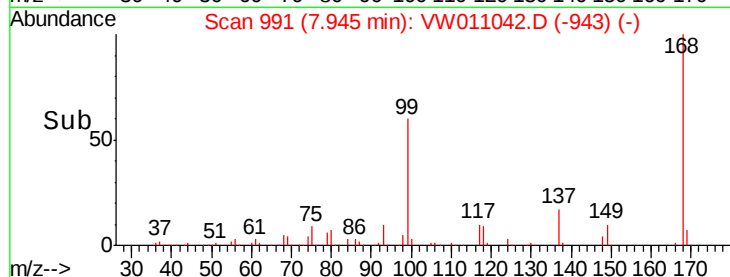
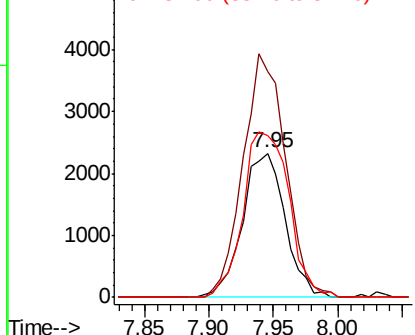
#31
Cyclohexane
Concen: 1.084 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011042.D
Acq: 28 Jun 2019 03:40

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5334
Ion Ratio Lower Upper
56 100
69 156.8 24.2 36.2#
84 112.8 60.6 90.8#

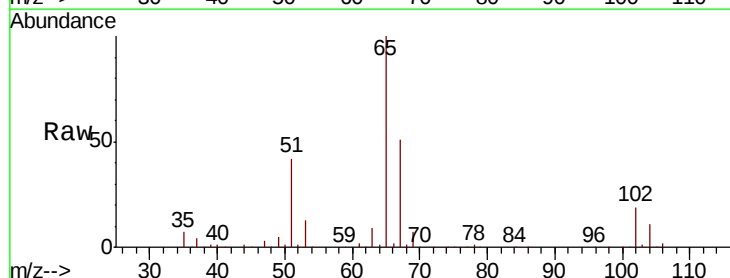


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

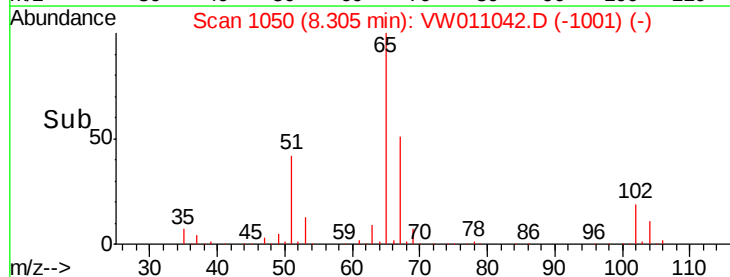
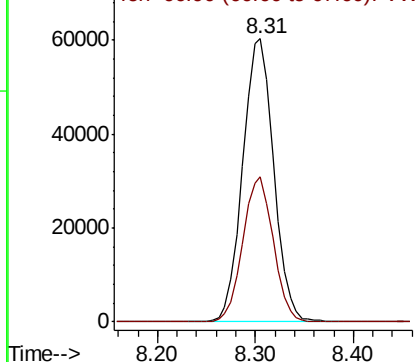


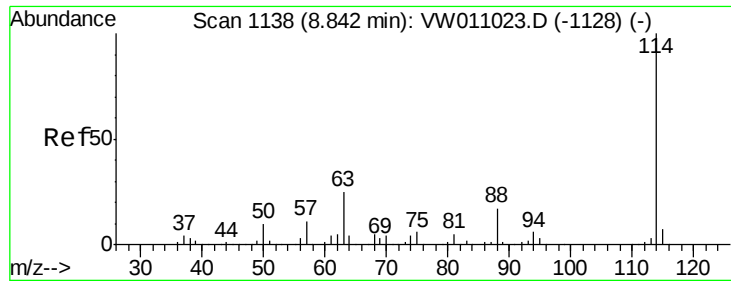
#33
1,2-Dichloroethane-d4
Concen: 51.472 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011042.D
Acq: 28 Jun 2019 03:40

Tgt Ion: 65 Resp: 132356
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.4



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

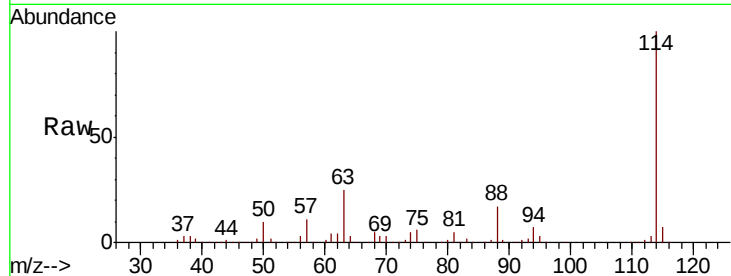




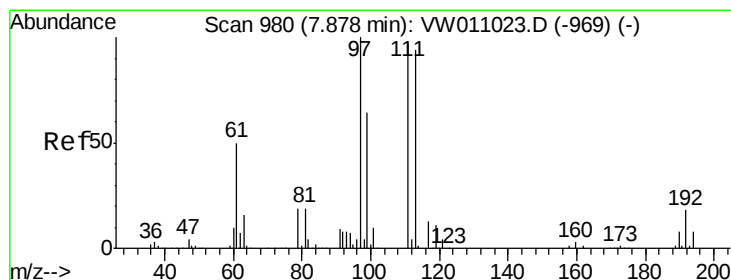
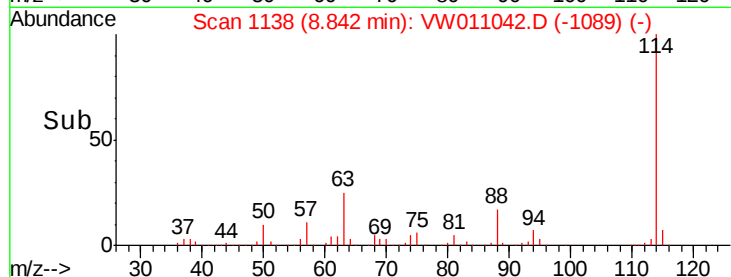
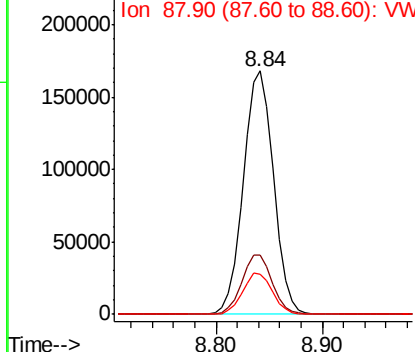
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011042.D
Acq: 28 Jun 2019 03:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 334523
Ion Ratio Lower Upper
114 100
63 24.5 0.0 50.6
88 16.5 0.0 34.0

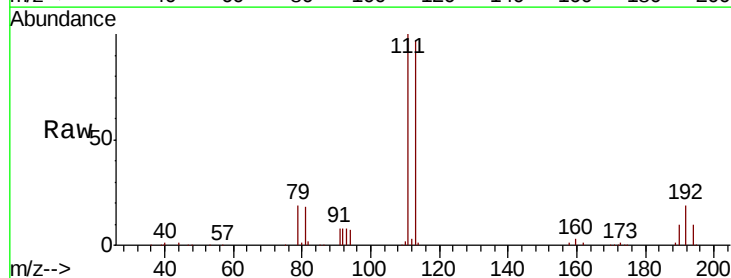


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

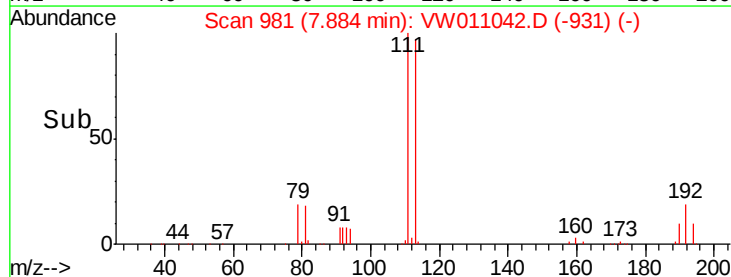
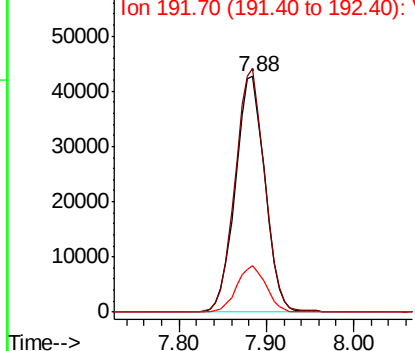


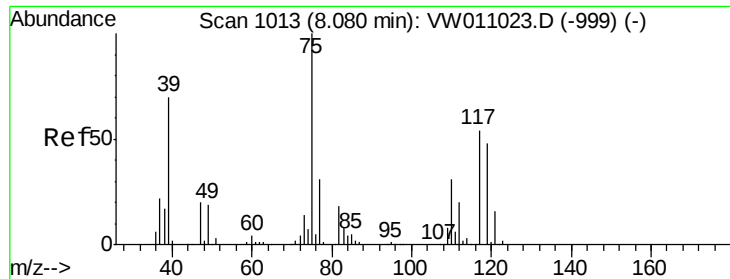
#35
Dibromofluoromethane
Concen: 49.127 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW011042.D
Acq: 28 Jun 2019 03:40

Tgt Ion:113 Resp: 100354
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 19.5 16.0 24.0



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

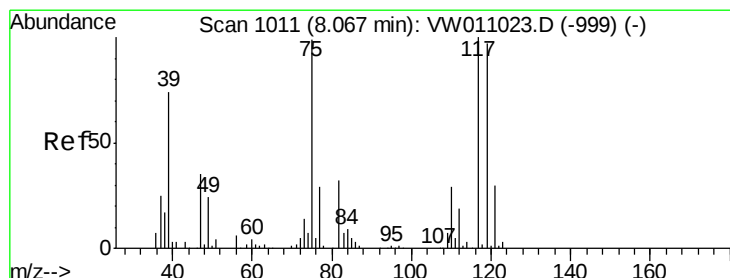
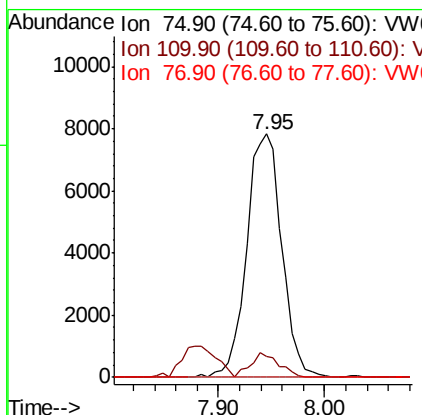
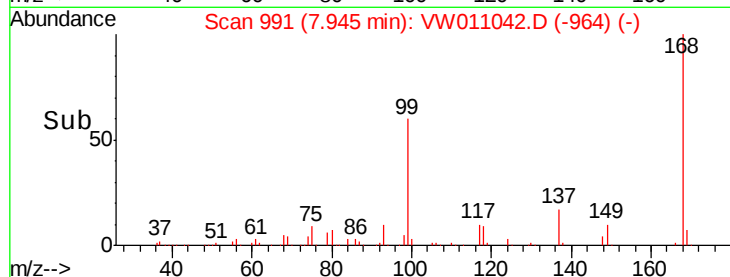
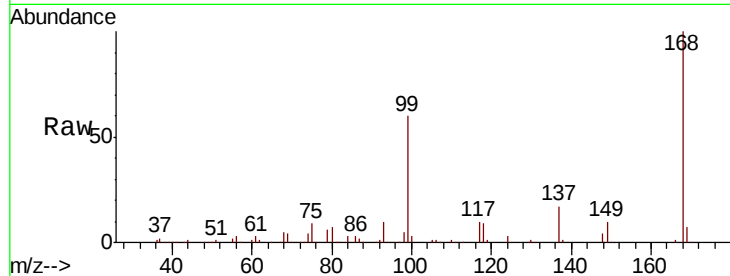




#36
 1,1-Dichloropropene
 Concen: 5.009 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011042.D
 Acq: 28 Jun 2019 03:40

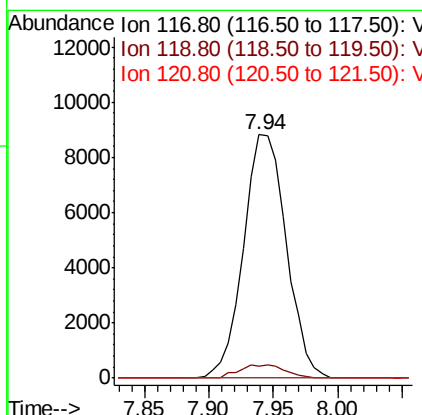
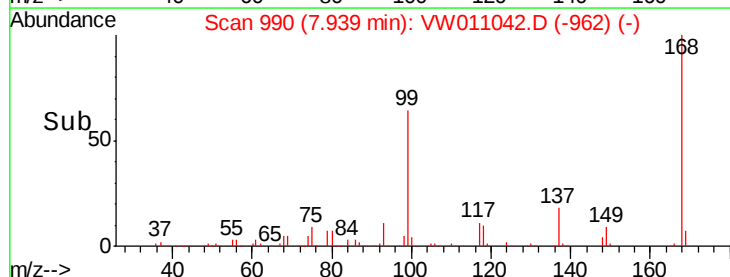
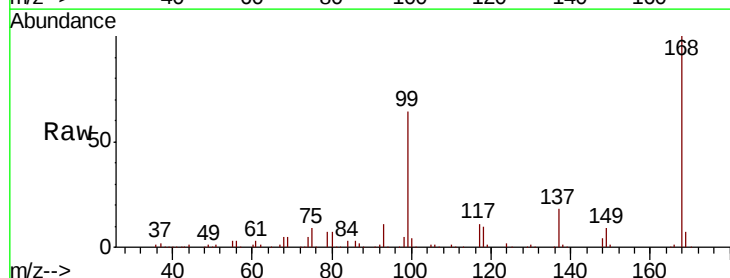
Instrument :
 MSVOA_W
 ClientSampleId :

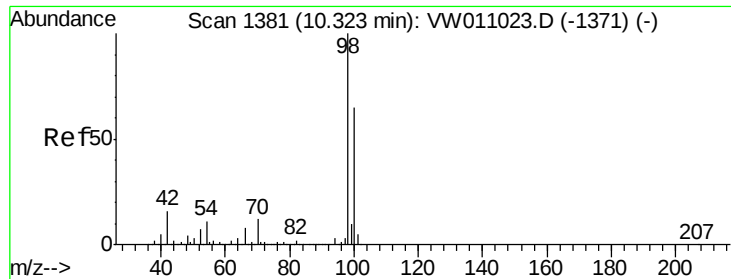
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	15.5	46.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.850 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011042.D
 Acq: 28 Jun 2019 03:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.7	116.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.230 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011042.D

Acq: 28 Jun 2019 03:40

Instrument :

MSVOA_W

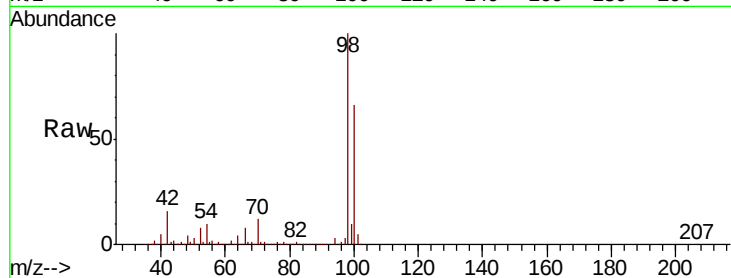
ClientSampled :

Tot Ion: 98 Resp: 405537

Ion Ratio Lower Upper

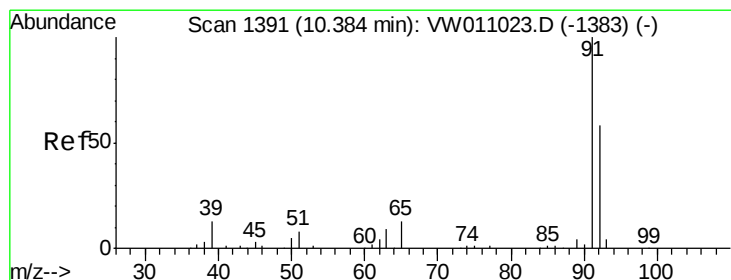
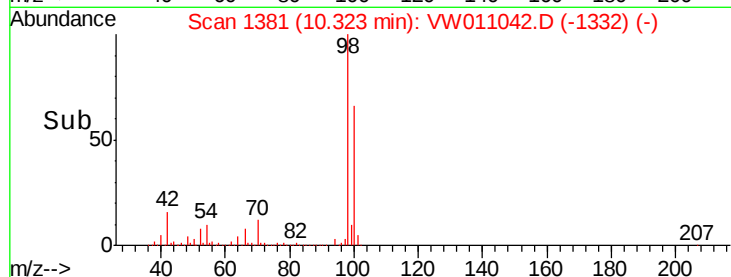
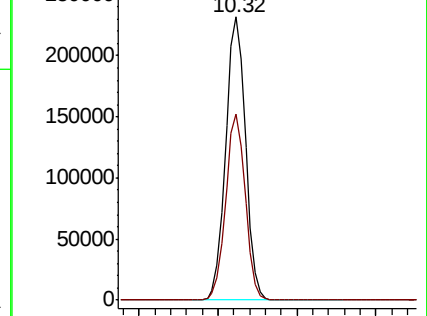
98 100

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



#52

Toluene

Concen: 1.451 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011042.D

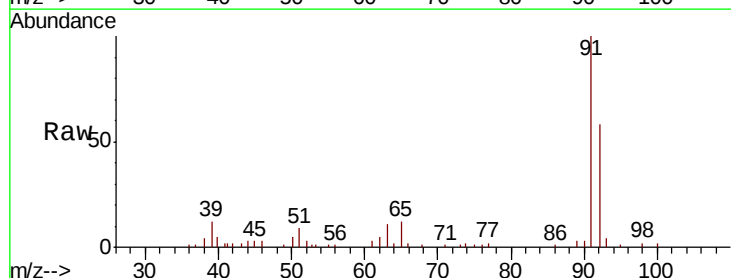
Acq: 28 Jun 2019 03:40

Tgt Ion: 92 Resp: 8786

Ion Ratio Lower Upper

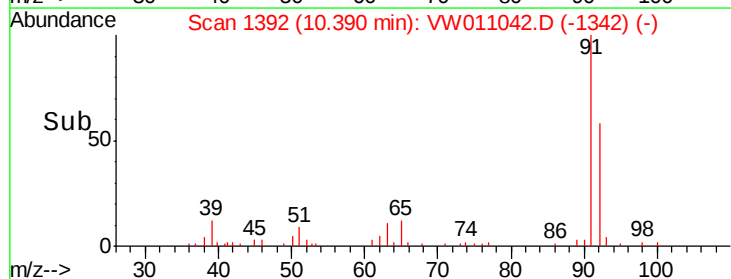
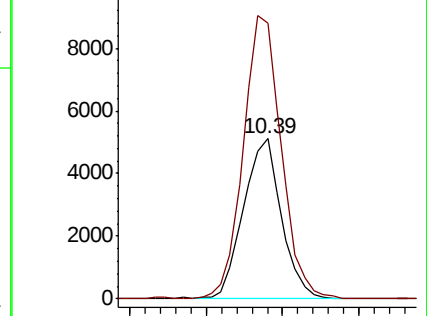
92 100

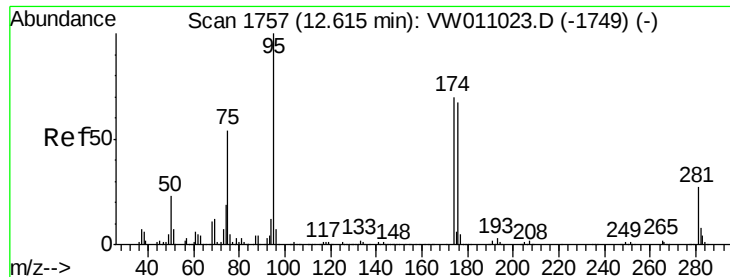
91 177.2 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

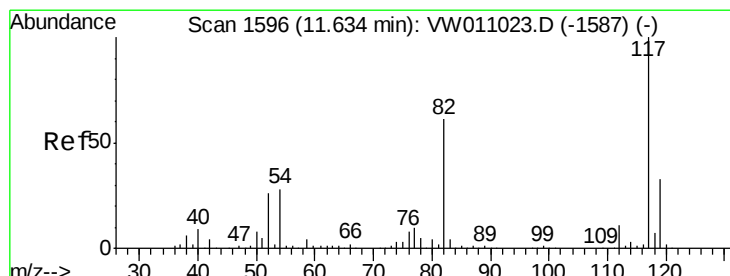
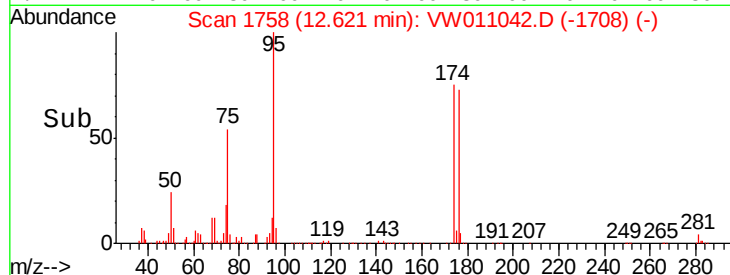
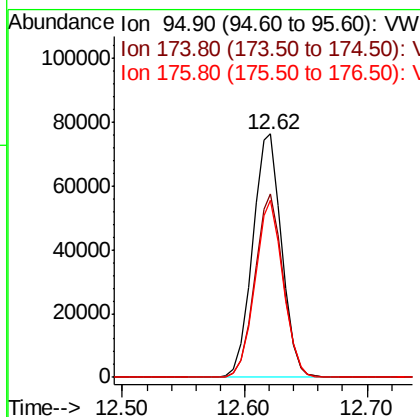
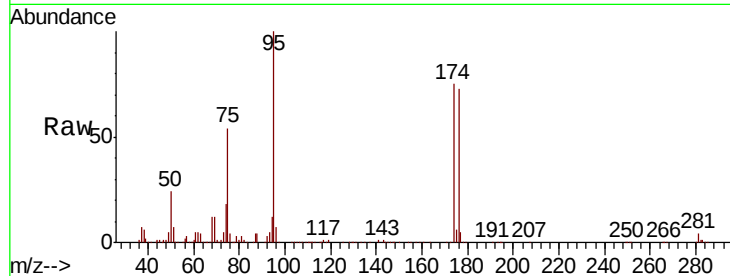




#62
4-Bromofluorobenzene
Concen: 40.914 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011042.D
Acq: 28 Jun 2019 03:40

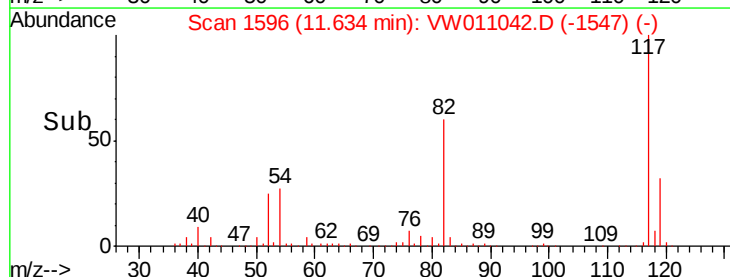
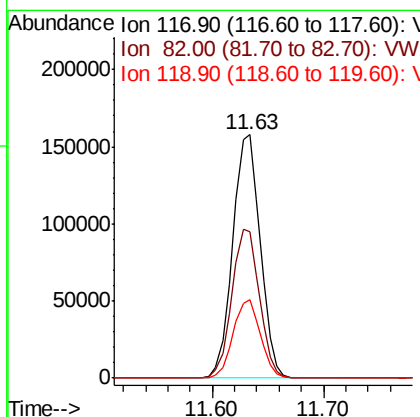
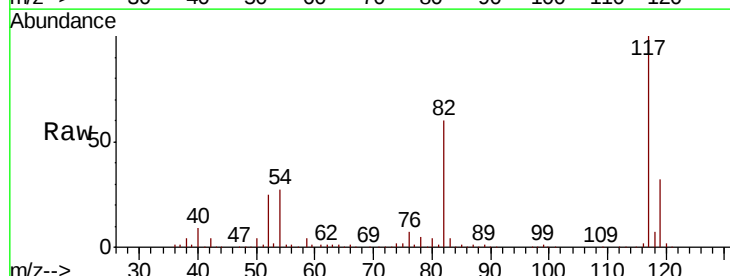
Instrument :
MSVOA_W
ClientSampled :

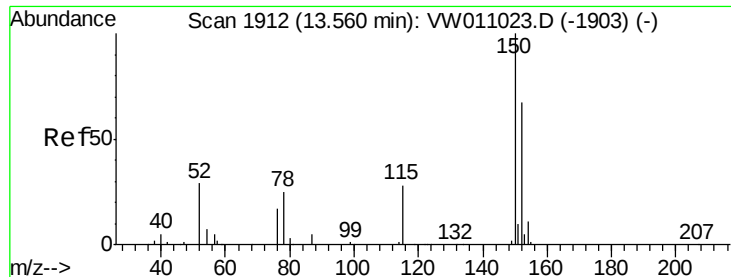
Tot Ion: 95 Resp: 125827
Ion Ratio Lower Upper
95 100
174 73.7 0.0 149.2
176 70.9 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011042.D
Acq: 28 Jun 2019 03:40

Tgt Ion: 117 Resp: 269805
Ion Ratio Lower Upper
117 100
82 59.9 48.6 73.0
119 32.3 26.1 39.1



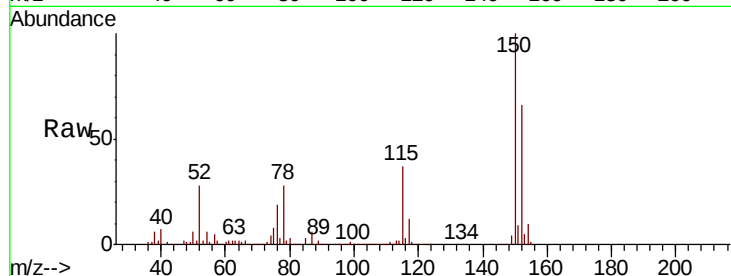


#72

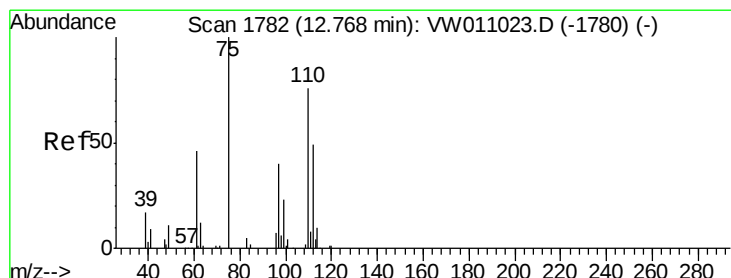
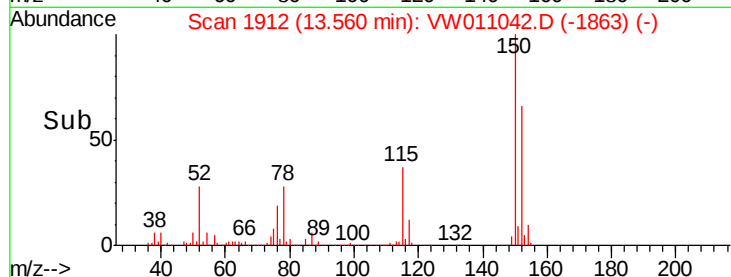
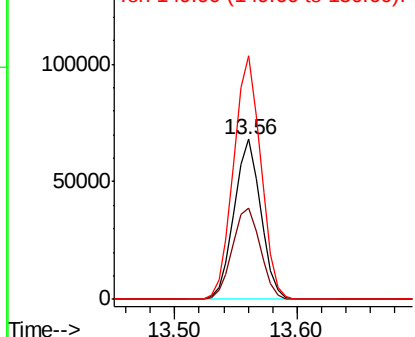
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011042.D
Acq: 28 Jun 2019 03:40

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 102622
Ion Ratio Lower Upper
152 100
115 60.1 30.7 92.1
150 155.1 0.0 341.8



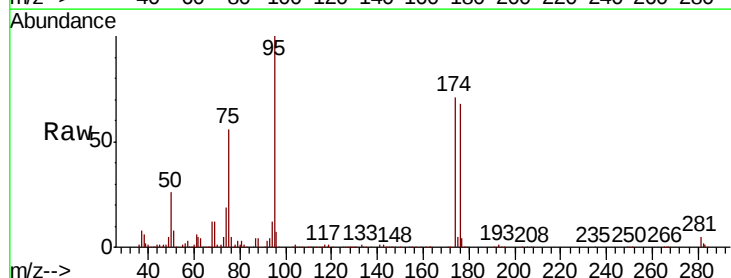
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



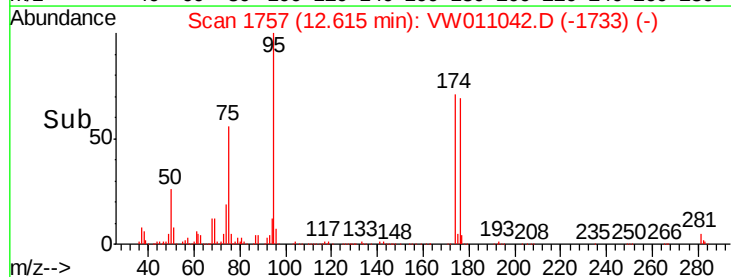
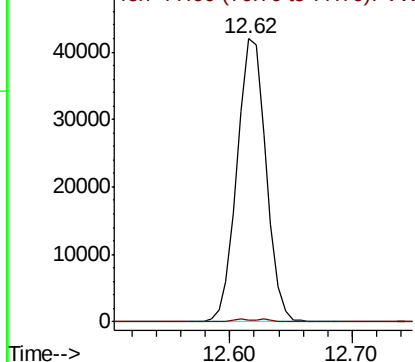
#76

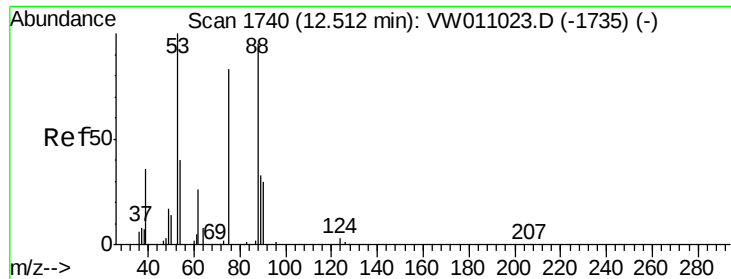
1,2,3-Trichloropropane
Concen: 63.524 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011042.D
Acq: 28 Jun 2019 03:40

Tgt Ion: 75 Resp: 68823
Ion Ratio Lower Upper
75 100
77 1.3 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: 128.174 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011042.D

Acq: 28 Jun 2019 03:40

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 68823

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#

