

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070819\
 Data File : VW011162.D
 Acq On : 08 Jul 2019 15:44
 Operator : SY/VA
 Sample : VW0708SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 09 06:52:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 06:41:24 2019
 Response via : Initial Calibration

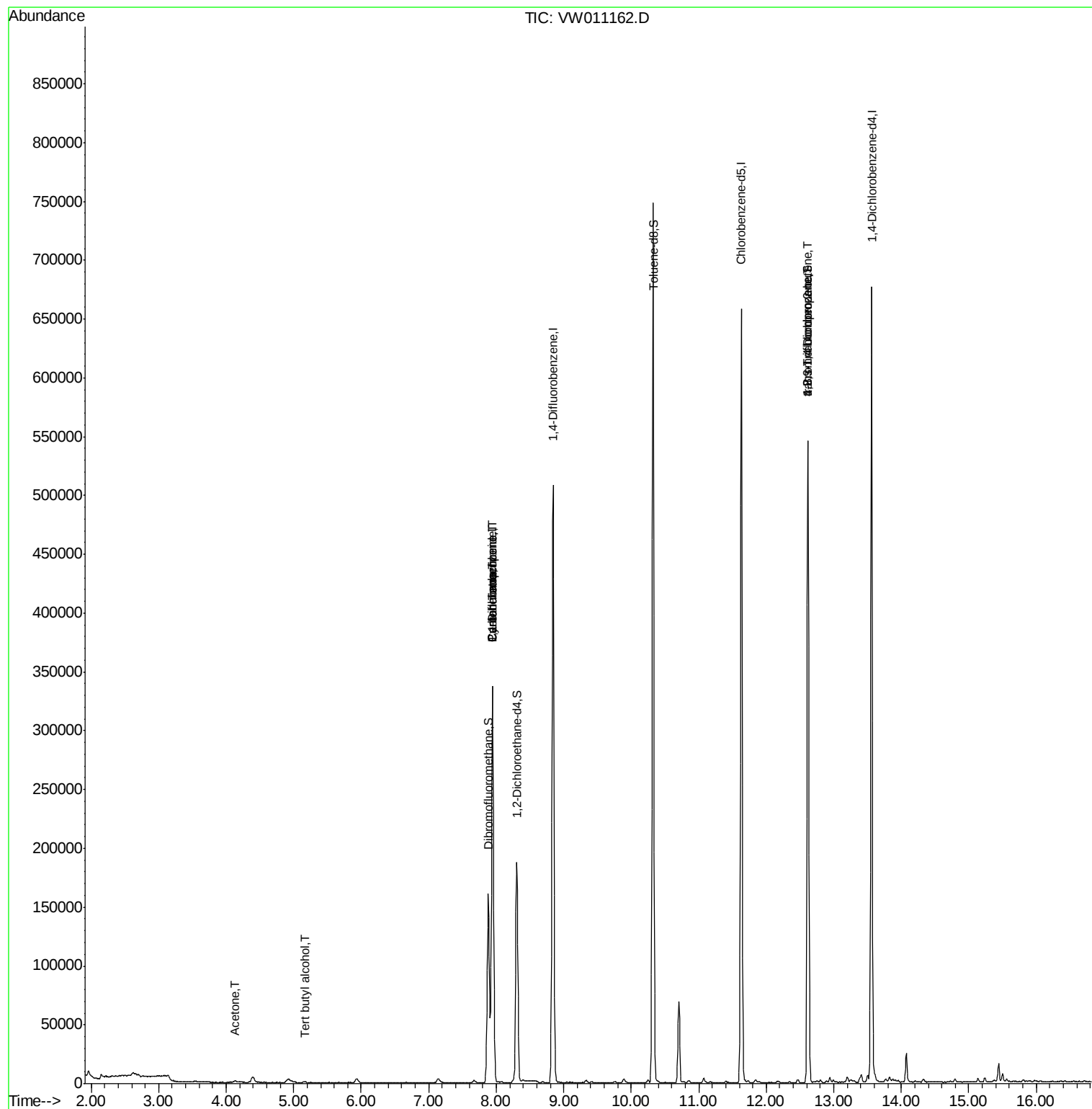
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147172	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	7.88	113	115737	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	10.32	98	470006	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.62	95	167440	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	360	1.609	ug/l #	70
16) Acetone	4.12	43	3503	4.817	ug/l	96
18) Methyl Acetate	4.67	43	267	Below Cal	#	57
31) Cyclohexane	7.95	56	6592	1.126	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	20994	5.012	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24598	6.928	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	91664	49.040	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91664	110.920	ug/l #	6

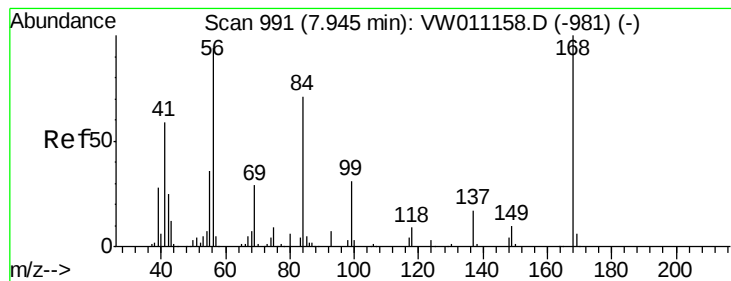
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070819\
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 09 06:52:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 06:41:24 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: VW011162.D

Acq: 08 Jul 2019 15:44

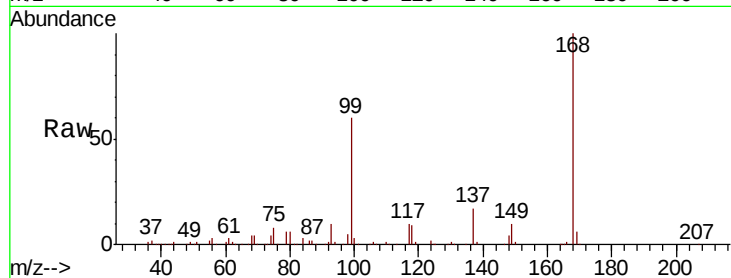
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 240554

Ion Ratio Lower Upper

168 100

99 59.7 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

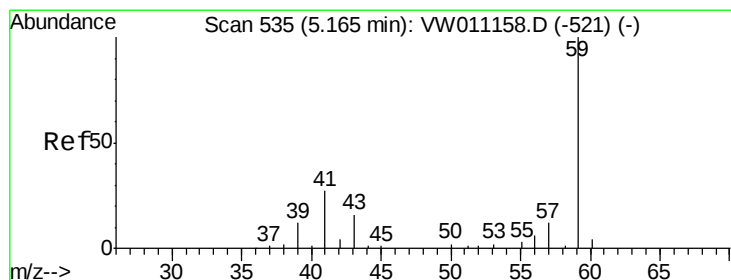
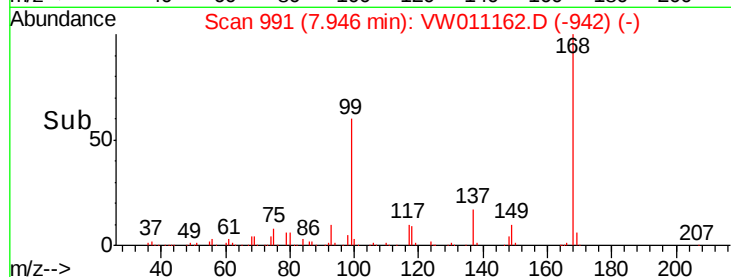
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.609 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW011162.D

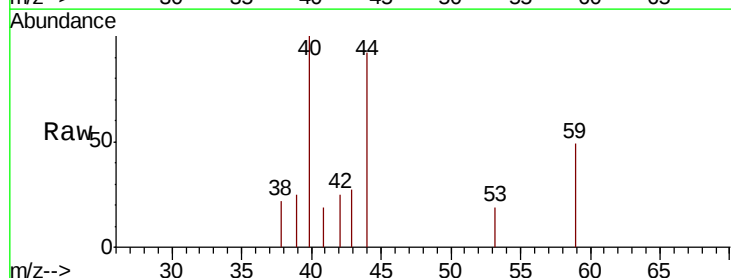
Acq: 08 Jul 2019 15:44

Tgt Ion: 59 Resp: 360

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

200

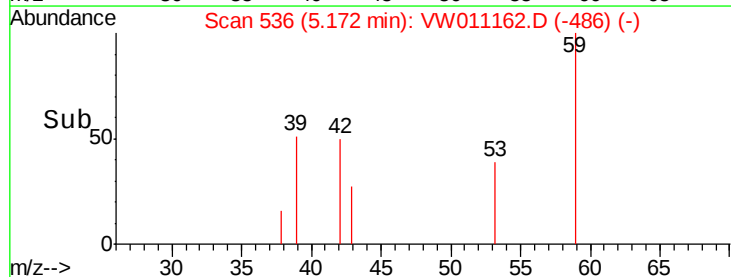
150

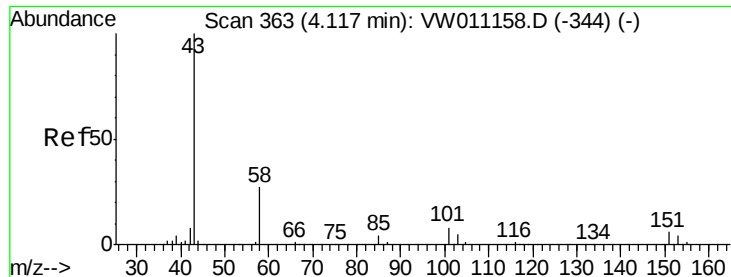
100

50

0

Time--> 5.15 5.20





#16

Acetone

Concen: 4.817 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011162.D

Acq: 08 Jul 2019 15:44

Instrument :

MSVOA_W

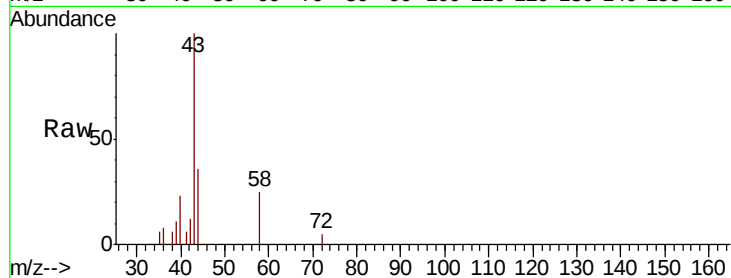
ClientSampled :

Tot Ion: 43 Resp: 3503

Ion Ratio Lower Upper

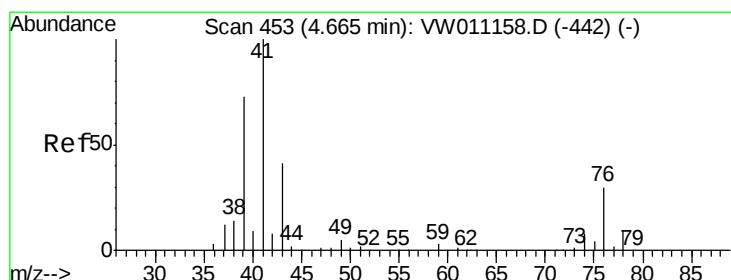
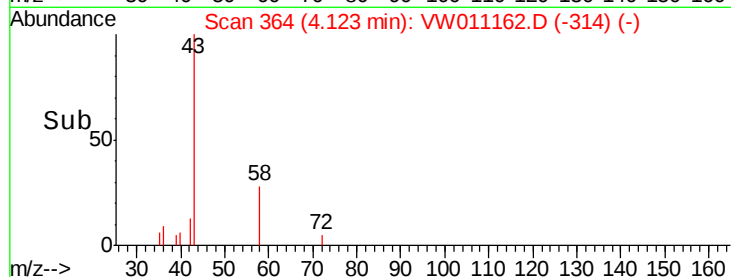
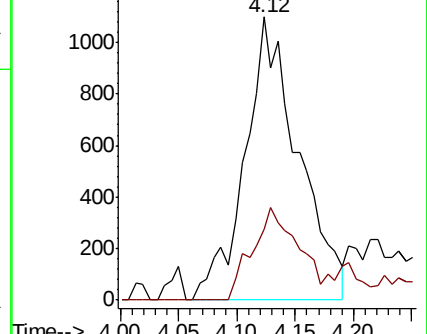
43 100

58 25.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW011162.D

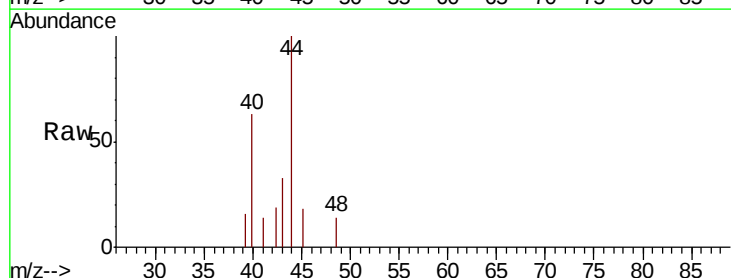
Acq: 08 Jul 2019 15:44

Tgt Ion: 43 Resp: 267

Ion Ratio Lower Upper

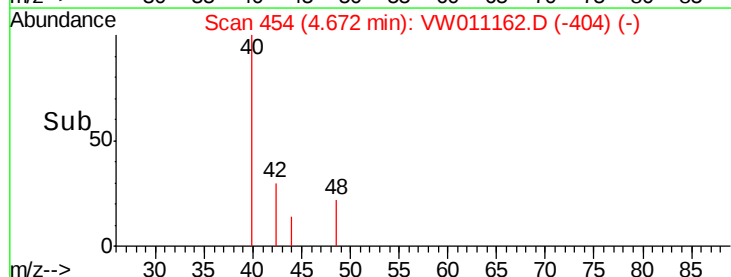
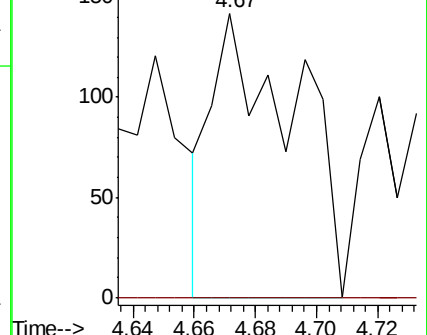
43 100

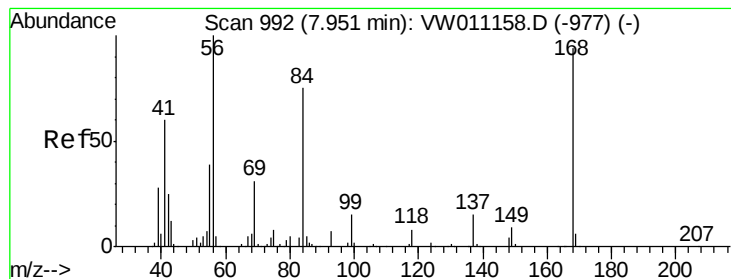
74 0.0 15.7 23.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#31

Cyclohexane

Concen: 1.126 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011162.D

Acq: 08 Jul 2019 15:44

Instrument :

MSVOA_W

ClientSampled :

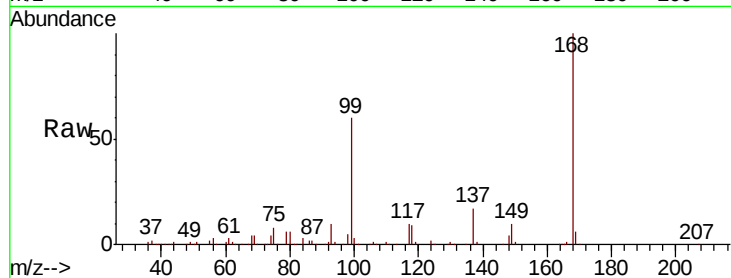
Tot Ion: 56 Resp: 6592

Ion Ratio Lower Upper

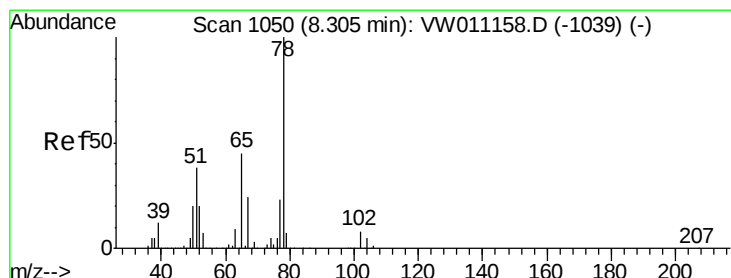
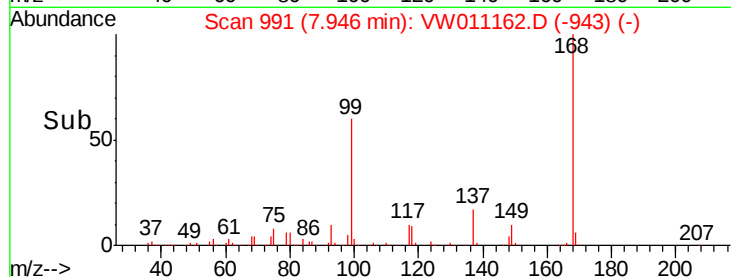
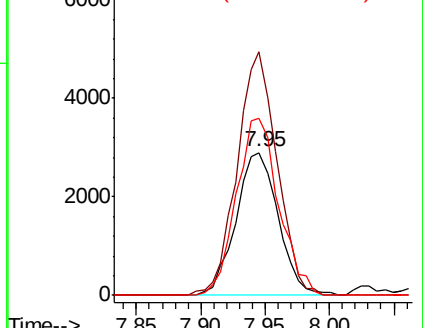
56 100

69 170.7 24.6 36.8#

84 124.2 60.1 90.1#



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: 48.690 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011162.D

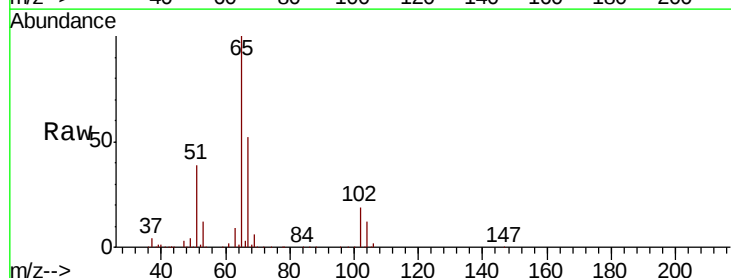
Acq: 08 Jul 2019 15:44

Tgt Ion: 65 Resp: 147172

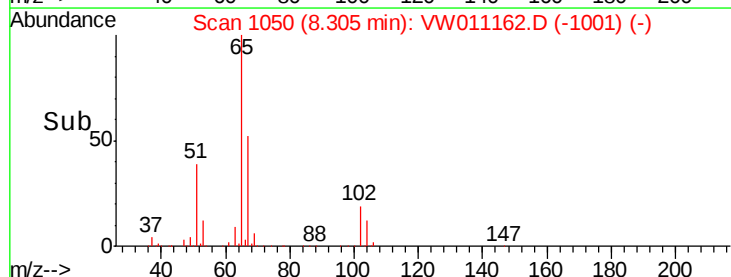
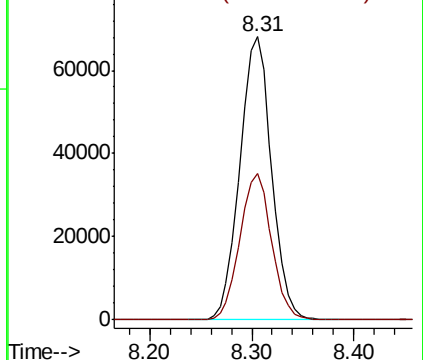
Ion Ratio Lower Upper

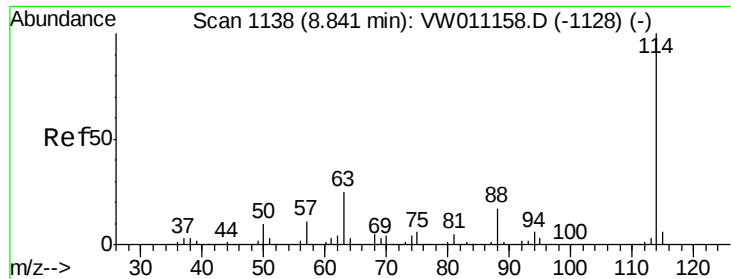
65 100

67 51.7 0.0 104.4



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

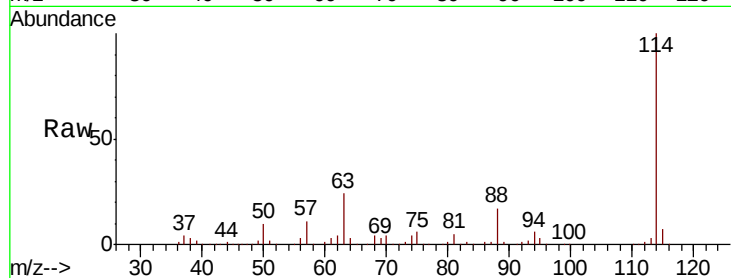




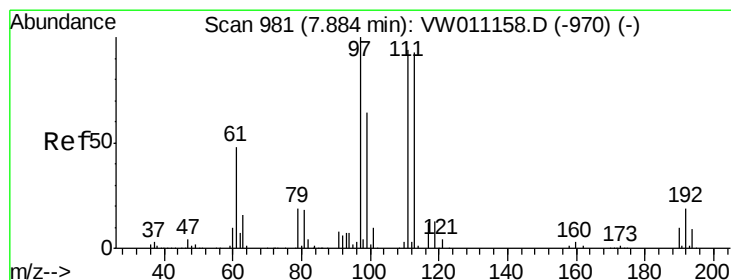
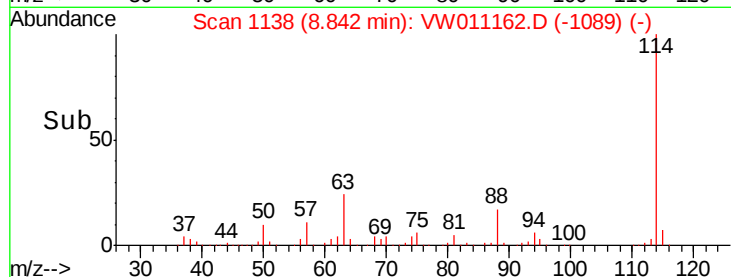
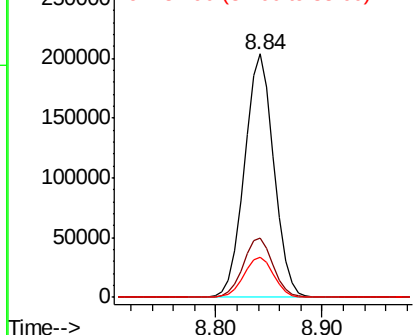
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011162.D
 Acq: 08 Jul 2019 15:44

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:114 Resp: 393311
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.8
 88 16.7 0.0 34.2

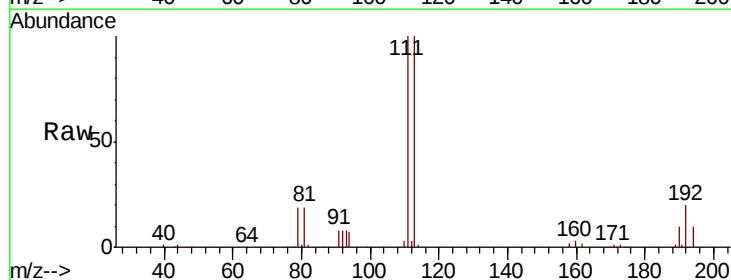


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

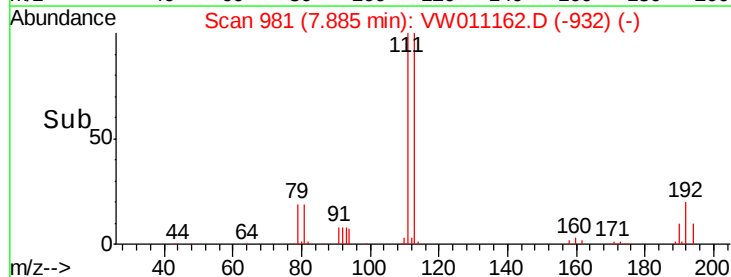
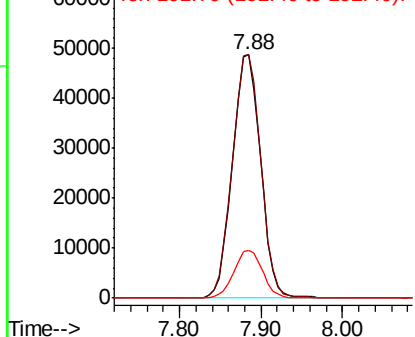


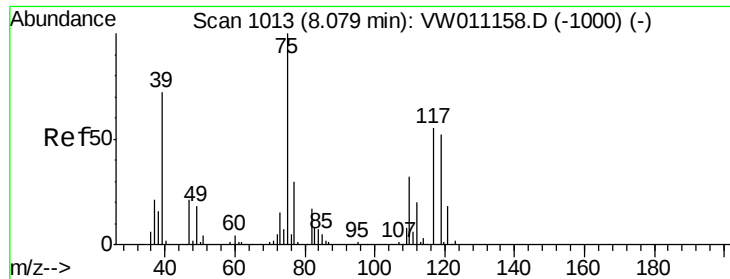
#35
 Dibromofluoromethane
 Concen: 49.369 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011162.D
 Acq: 08 Jul 2019 15:44

Tgt Ion:113 Resp: 115737
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.4 123.6
 192 19.8 15.8 23.8



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

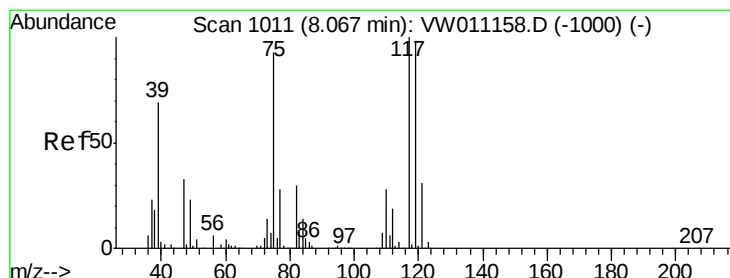
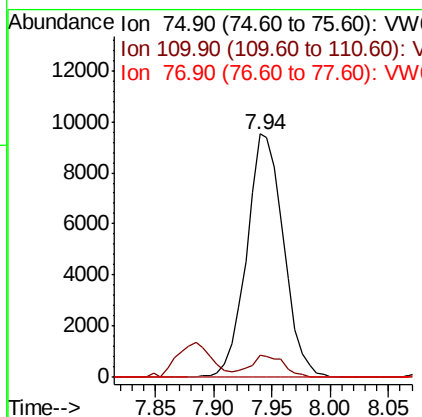
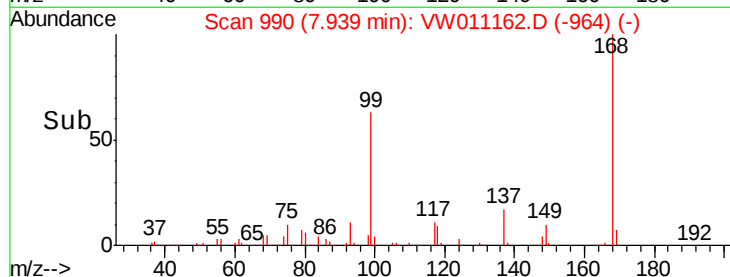
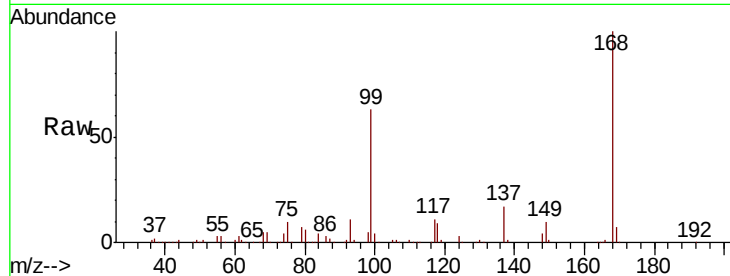




#36
 1,1-Dichloropropene
 Concen: 5.012 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011162.D
 Acq: 08 Jul 2019 15:44

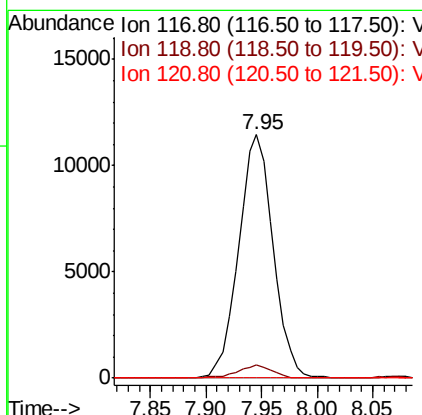
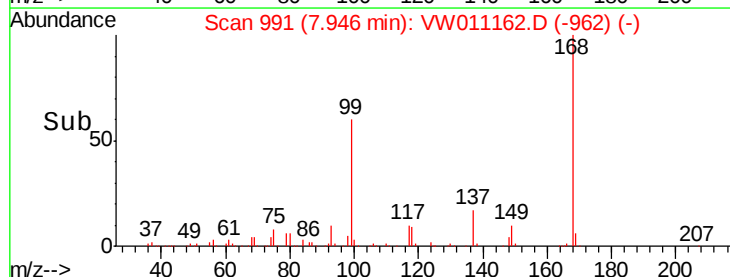
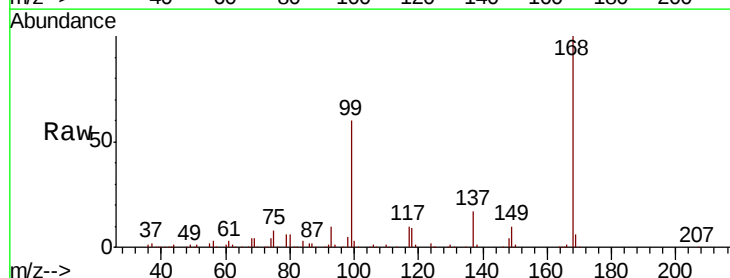
Instrument :
 MSVOA_W
 ClientSampleId :

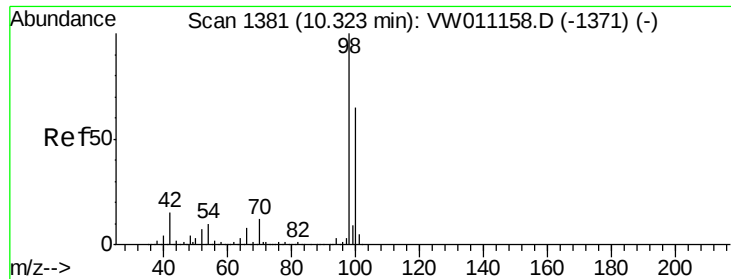
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.928 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011162.D
 Acq: 08 Jul 2019 15:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.4	78.1	117.1#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: 49.599 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011162.D

Acq: 08 Jul 2019 15:44

Instrument :

MSVOA_W

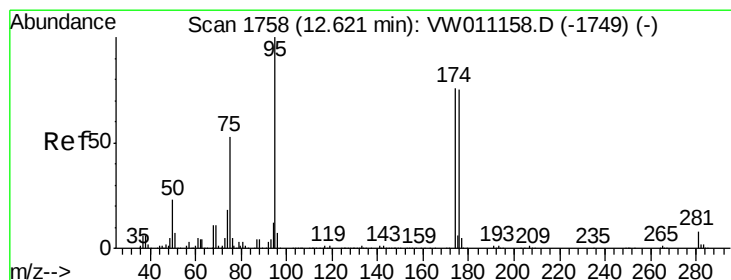
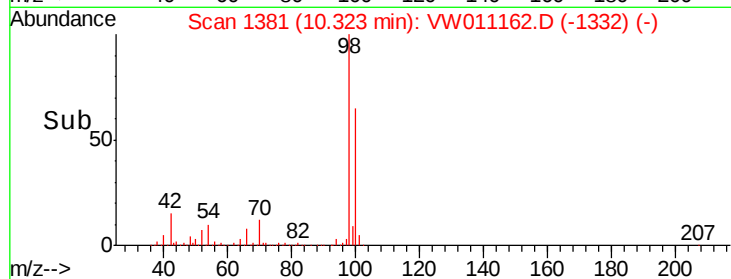
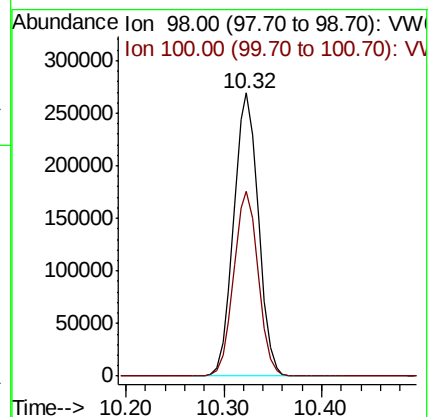
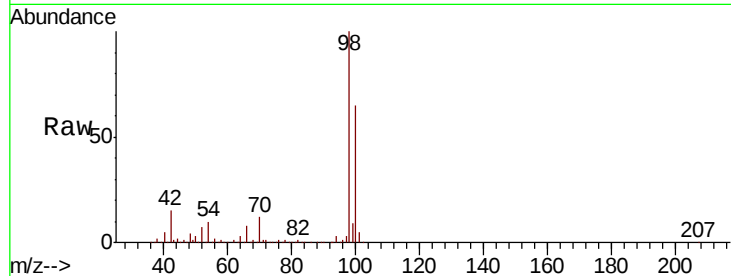
ClientSampled :

Tot Ion: 98 Resp: 470006

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.208 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011162.D

Acq: 08 Jul 2019 15:44

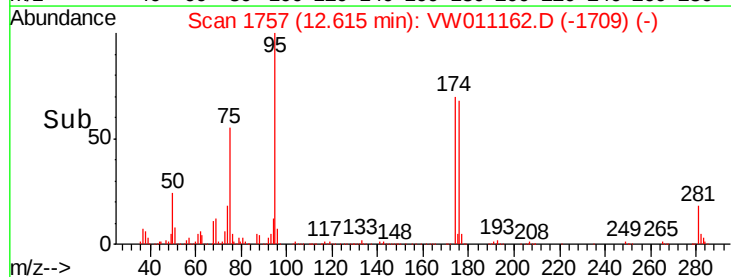
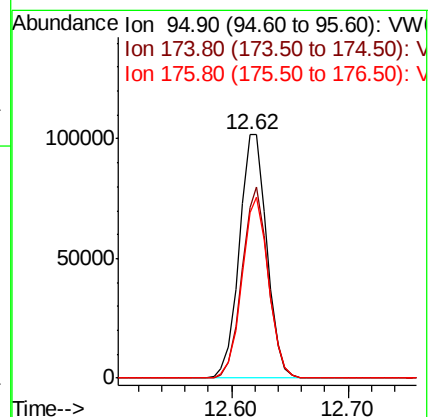
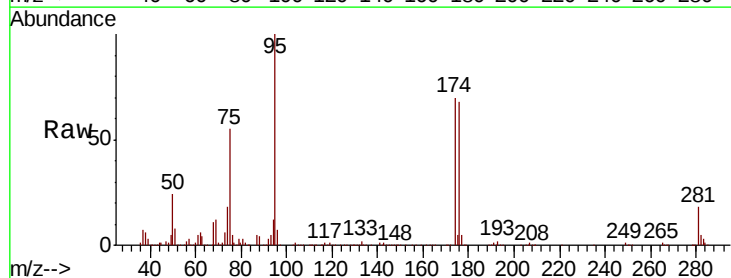
Tgt Ion: 95 Resp: 167440

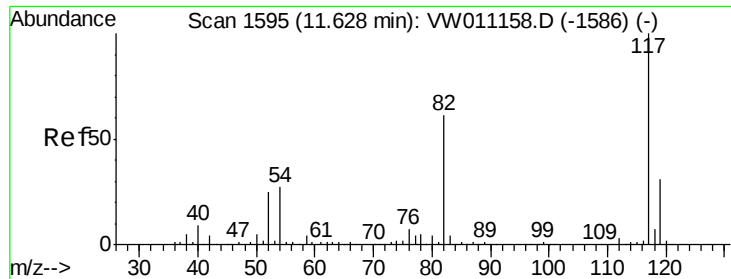
Ion Ratio Lower Upper

95 100

174 74.7 0.0 147.6

176 71.7 0.0 144.6

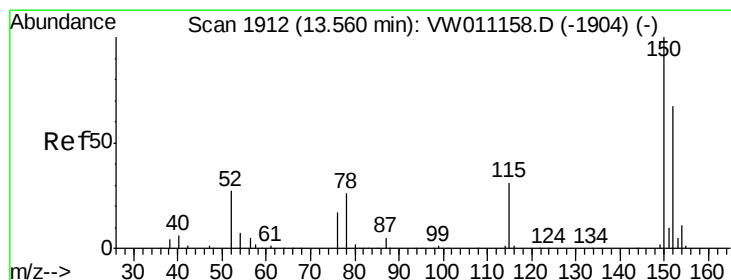
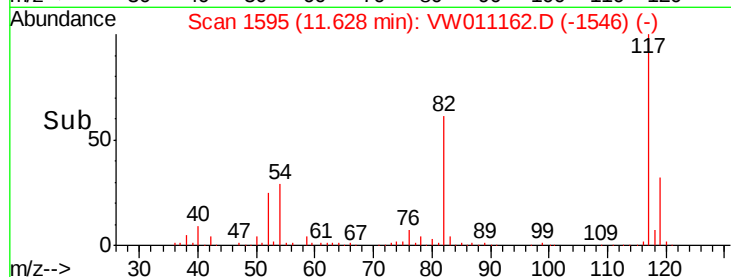
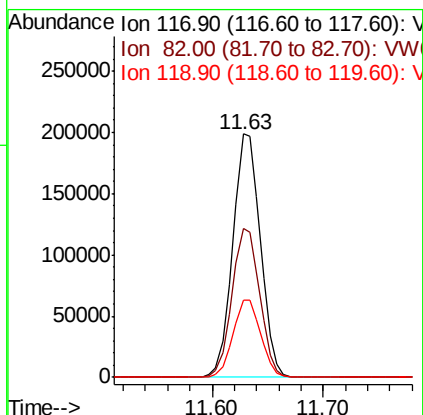
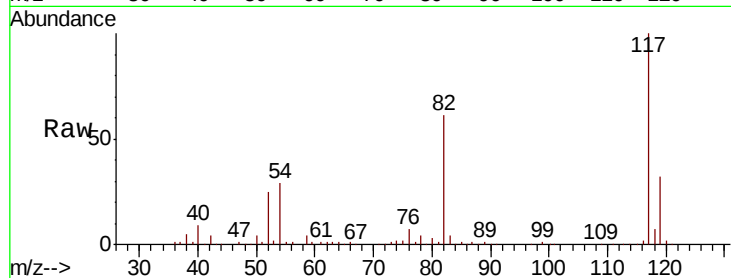




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011162.D
Acq: 08 Jul 2019 15:44

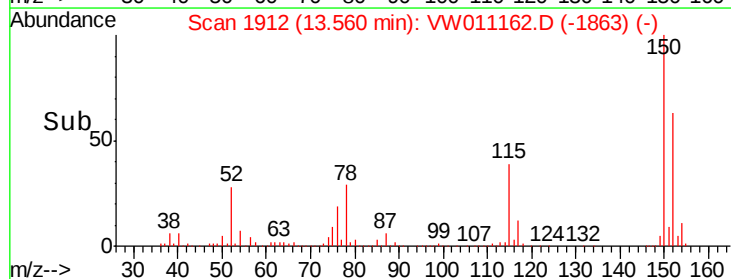
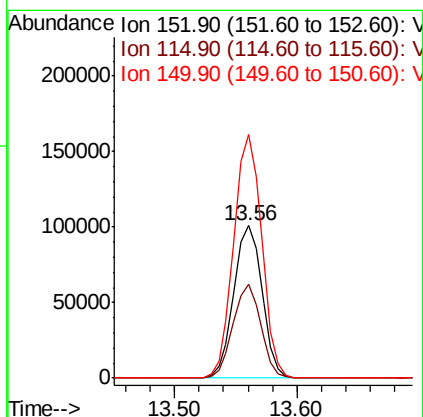
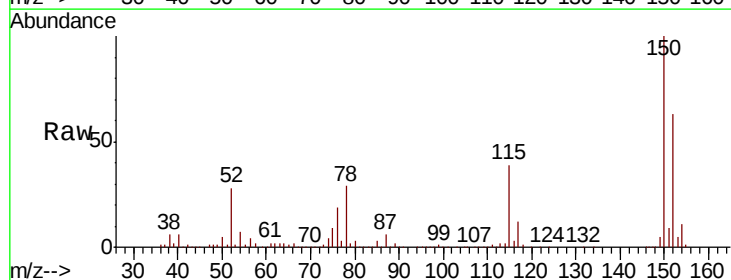
Instrument :
MSVOA_W
ClientSampled :

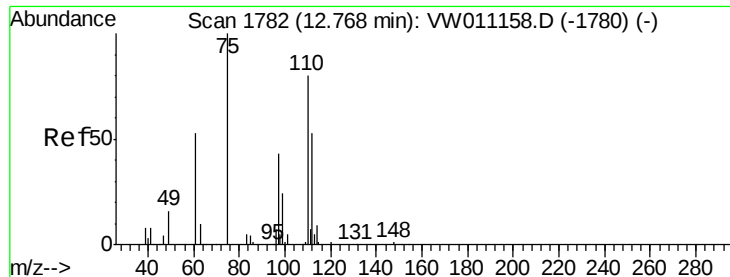
Tot Ion:117 Resp: 341205
Ion Ratio Lower Upper
117 100
82 60.9 48.9 73.3
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011162.D
Acq: 08 Jul 2019 15:44

Tgt Ion:152 Resp: 161744
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.3
150 157.9 0.0 346.0



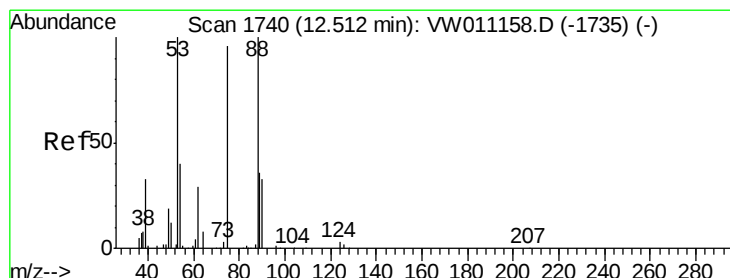
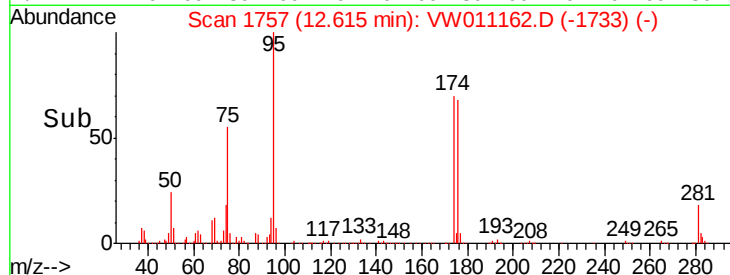
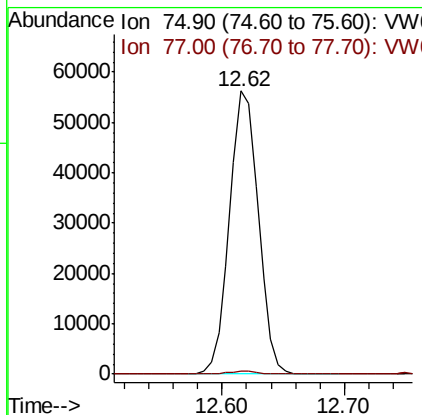
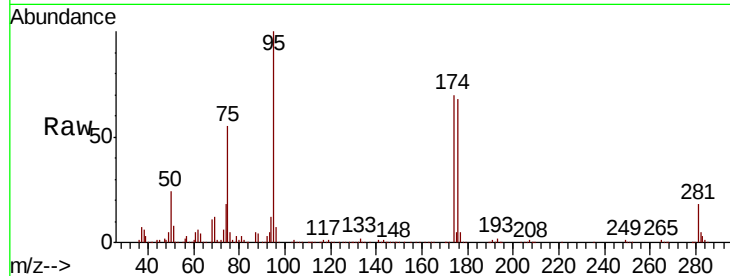


#76

1,2,3-Trichloropropane
Concen: 49.040 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011162.D
Acq: 08 Jul 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 91664
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 110.920 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011162.D
Acq: 08 Jul 2019 15:44

Tgt Ion: 75 Resp: 91664
Ion Ratio Lower Upper
75 100
53 0.1 89.8 134.6#
89 0.0 34.3 51.5#

