

Data File : VW010589.D
Acq On : 29 May 2019 14:24
Operator : SY/VA
Sample : K3072-08
Misc : 5.95G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-8

Quant Time: May 30 07:12:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	206607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	182709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	64226	54.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.40%	
35) Dibromofluoromethane	7.88	113	60938	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	10.32	98	250334	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.62	95	92300	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds

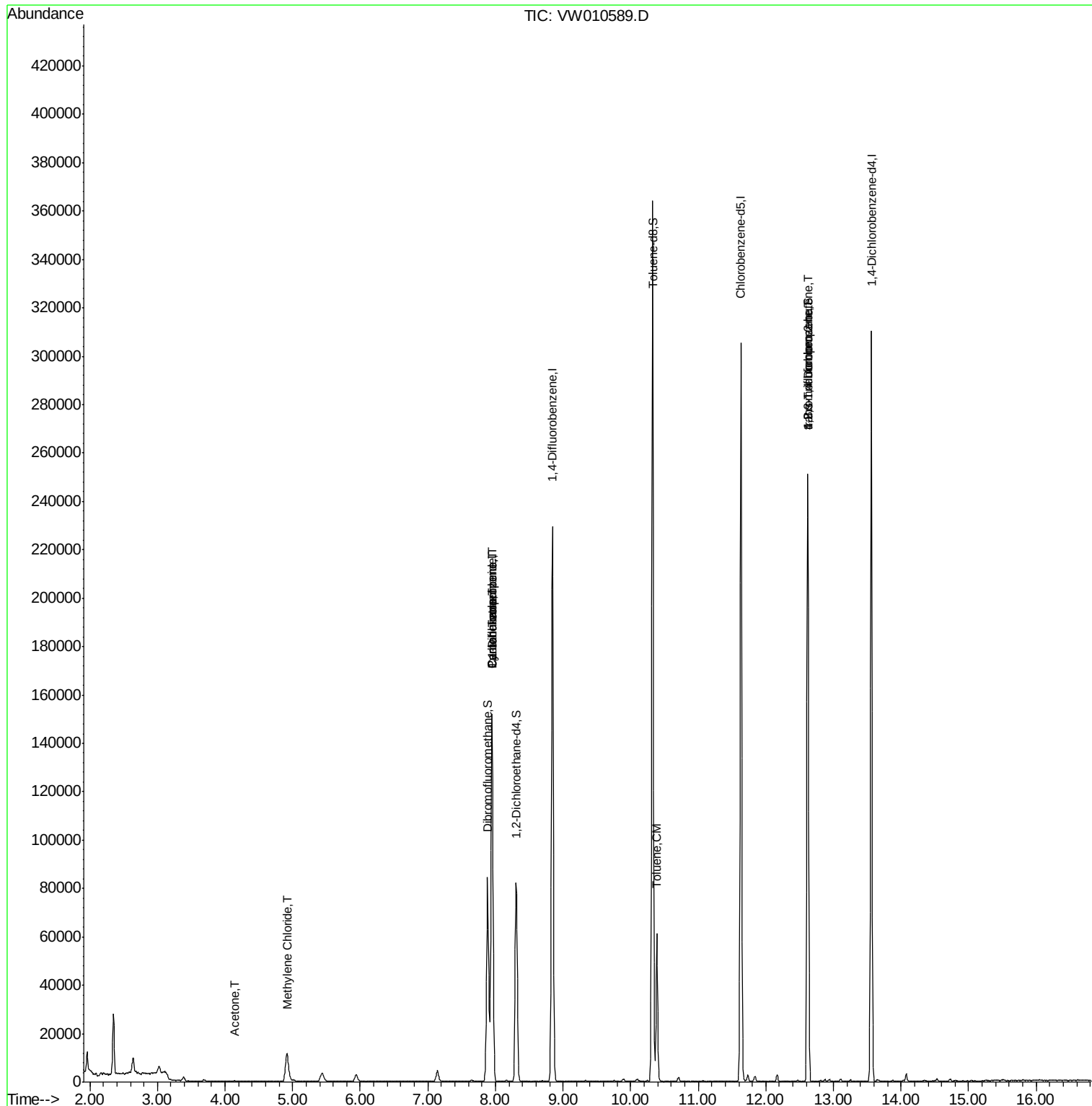
						Qvalue
2) Dichlorodifluoromethane	2.00	85	22	Below Cal	#	42
16) Acetone	4.14	43	474	1.960	ug/l	100
20) Methylene Chloride	4.92	84	9706	1.967	ug/l	94
31) Cyclohexane	7.95	56	2482	1.103	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	8778	4.561	ug/l #	47
38) Carbon Tetrachloride	7.95	117	12006	5.783	ug/l #	15
52) Toluene	10.39	92	27376	7.620	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	43588	53.378	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	43588	111.402	ug/l #	14

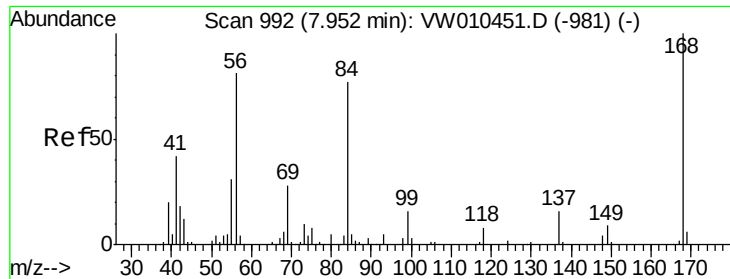
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

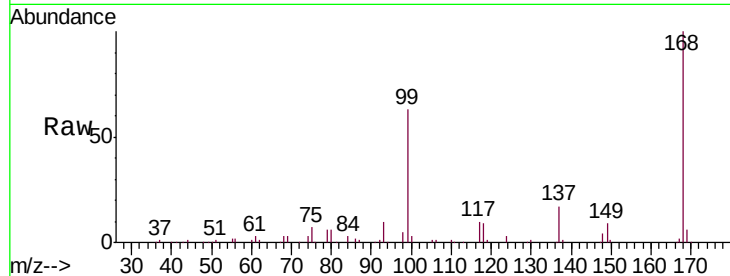
Instrument :
MSVOA_W
ClientSampled :
TP-8

Tgt Ion: 168 Resp: 114800

Ion Ratio Lower Upper

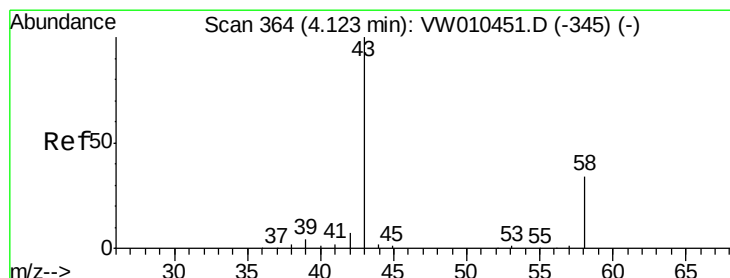
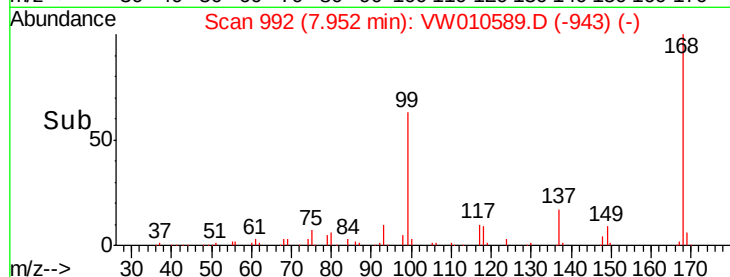
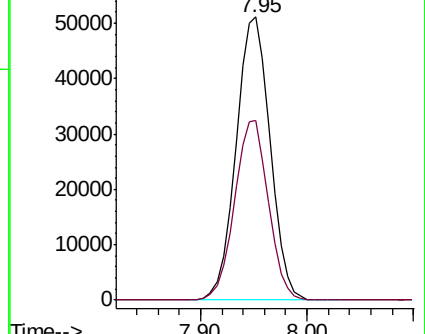
168 100

99 63.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 1.960 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW010589.D

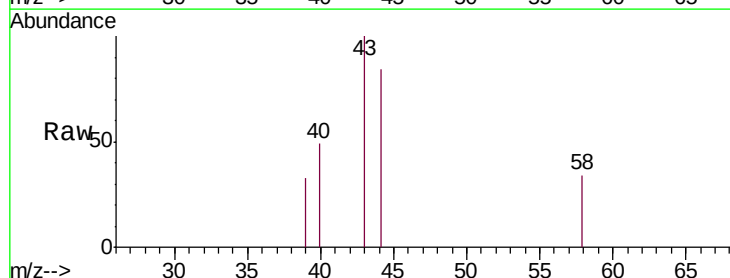
Acq: 29 May 2019 14:24

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

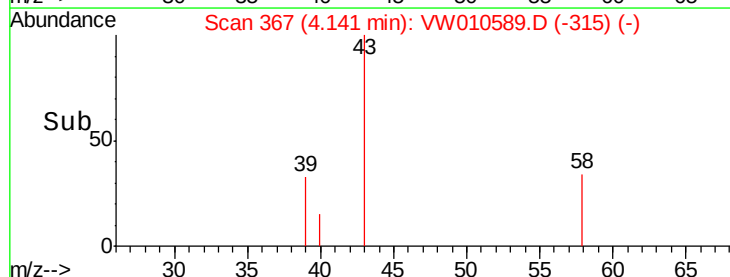
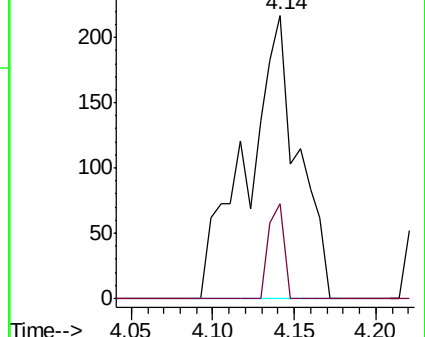
43 100

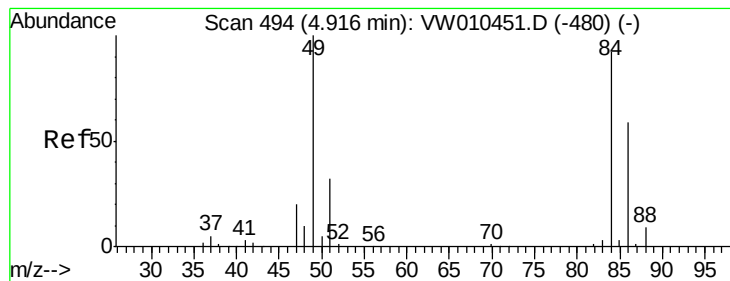
58 33.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.967 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

Instrument :

MSVOA_W

ClientSampled :

TP-8

Tgt Ion: 84 Resp: 9706

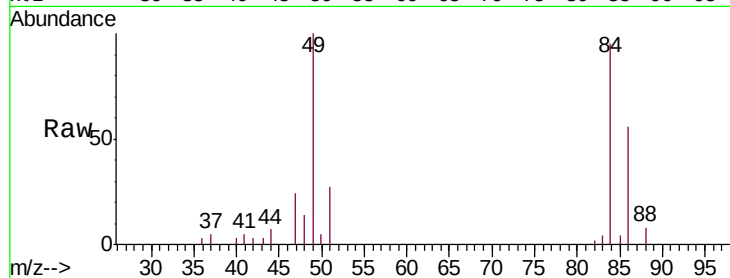
Ion Ratio Lower Upper

84 100

49 104.9 87.2 130.8

51 27.9 27.7 41.5

86 58.8 51.4 77.0

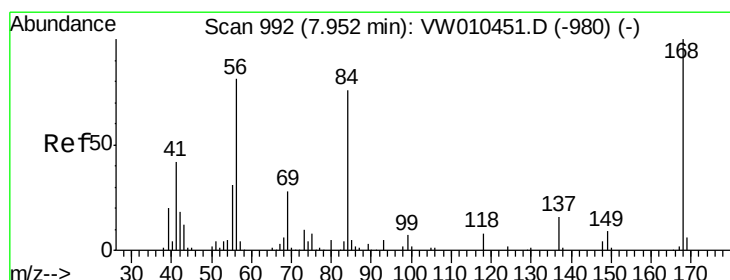
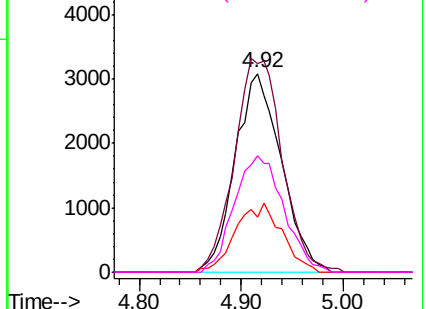
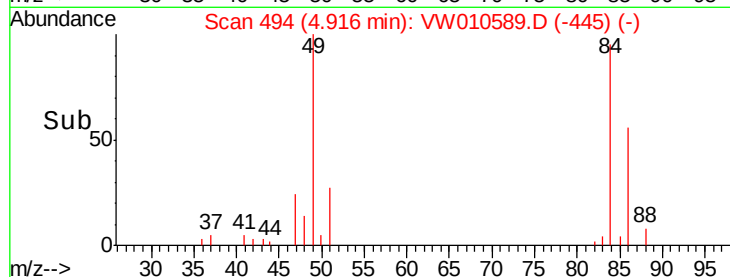


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.103 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

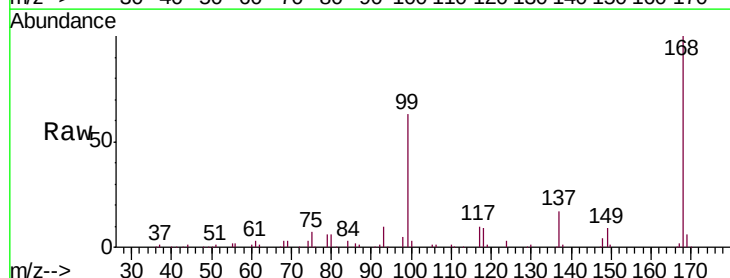
Tgt Ion: 56 Resp: 2482

Ion Ratio Lower Upper

56 100

69 133.9 28.2 42.2#

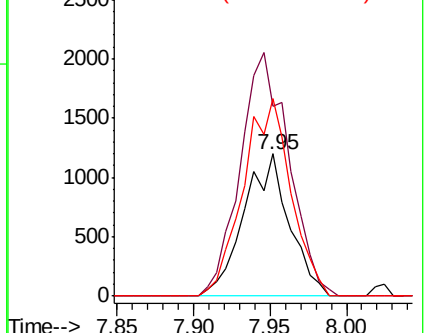
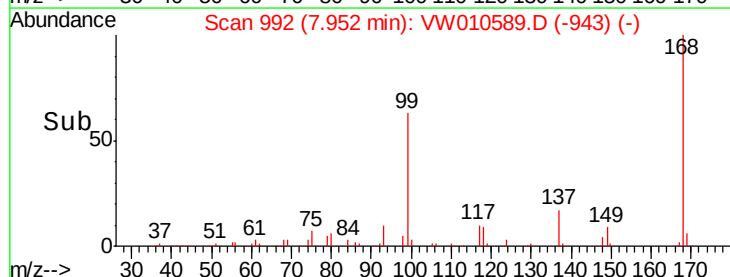
84 139.3 75.8 113.8#

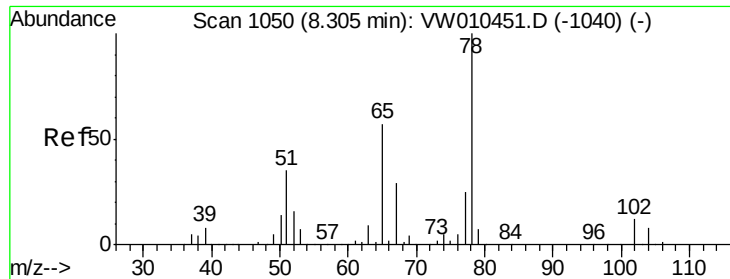


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

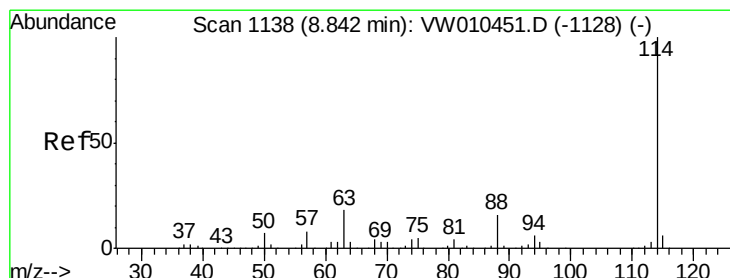
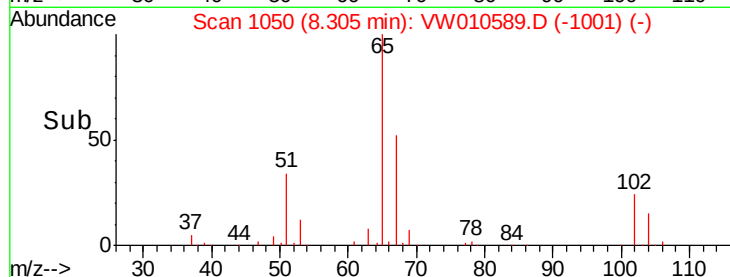
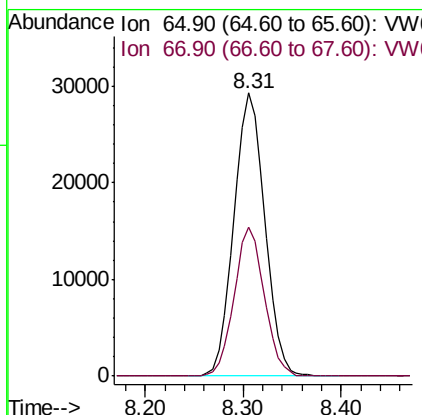
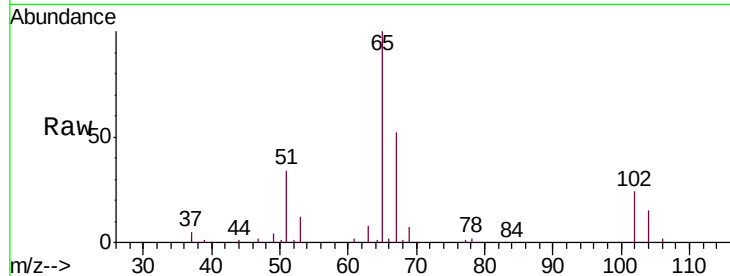




#33
 1,2-Dichloroethane-d4
 Concen: 54.202 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010589.D
 Acq: 29 May 2019 14:24

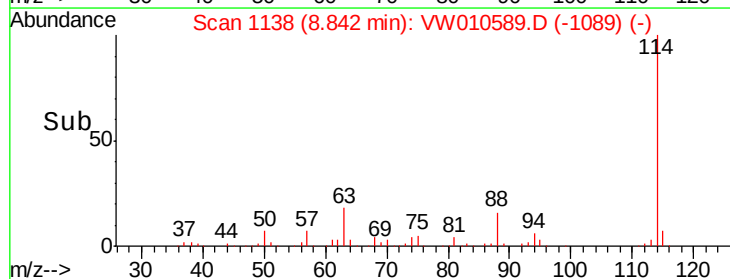
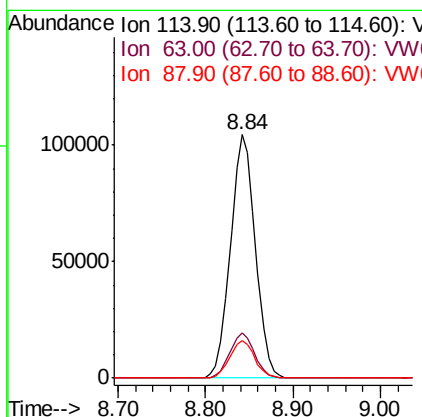
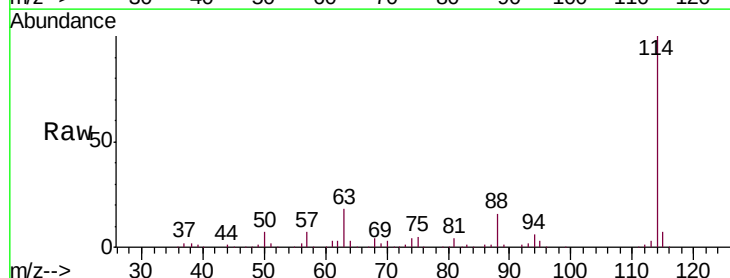
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-8

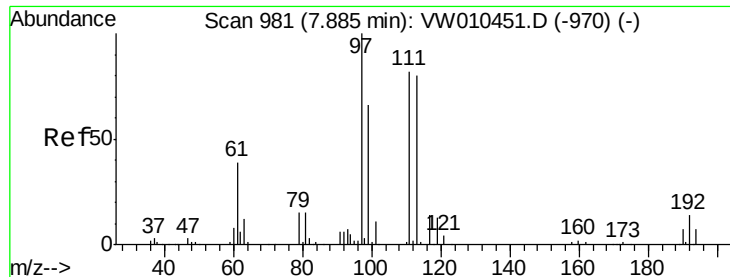
Tgt Ion: 65 Resp: 64226
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010589.D
 Acq: 29 May 2019 14:24

Tgt Ion: 114 Resp: 206607
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.0
 88 15.6 0.0 32.0

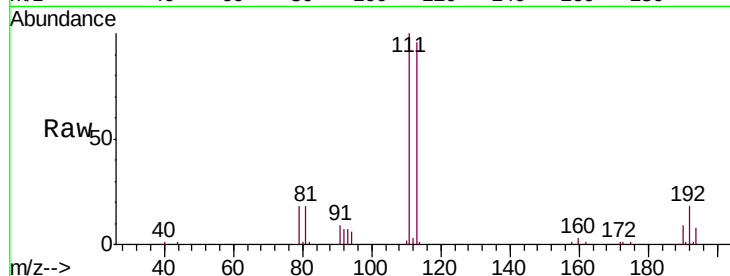




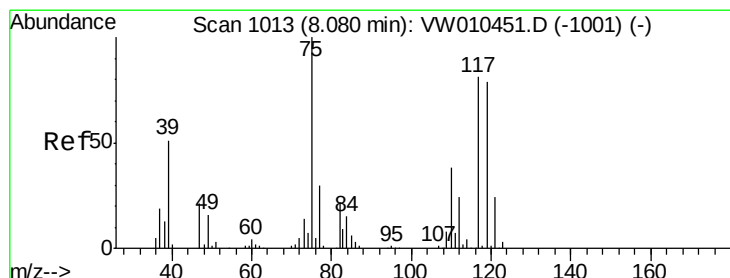
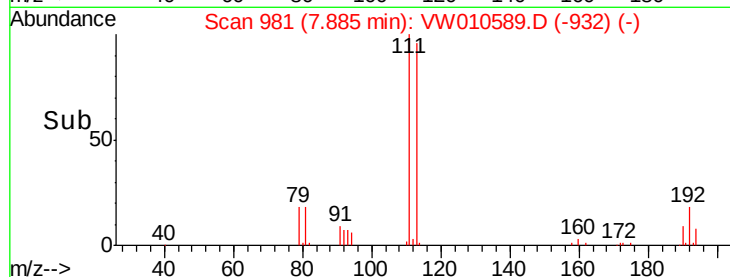
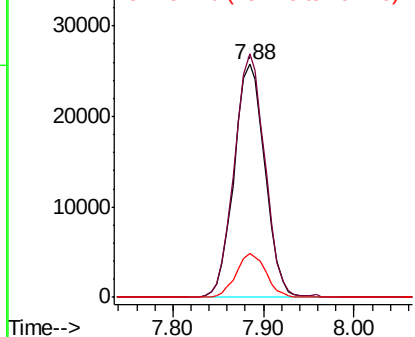
#35
 Dibromofluoromethane
 Concen: 48.608 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010589.D
 Acq: 29 May 2019 14:24

Instrument :
 MSVOA_W
 ClientSampled :
 TP-8

Tgt Ion:113 Resp: 60938
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 18.1 14.3 21.5

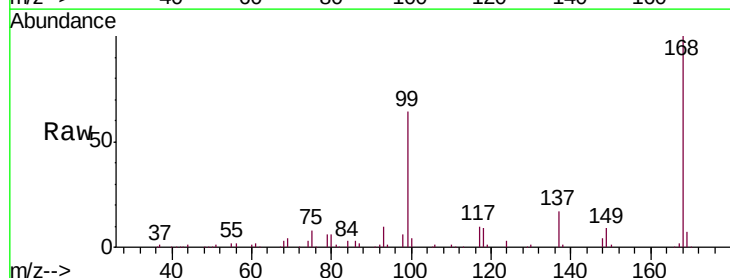


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

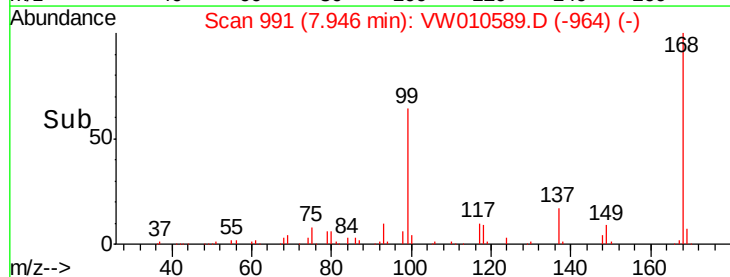
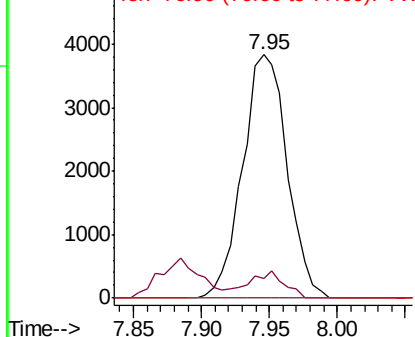


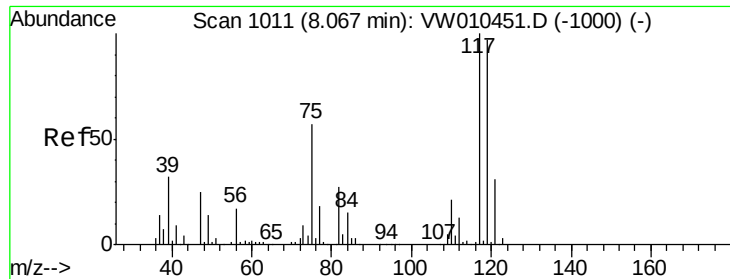
#36
 1,1-Dichloropropene
 Concen: 4.561 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010589.D
 Acq: 29 May 2019 14:24

Tgt Ion: 75 Resp: 8778
 Ion Ratio Lower Upper
 75 100
 110 8.5 19.2 57.6#
 77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

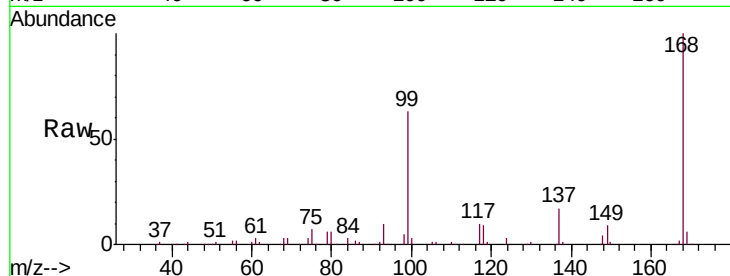




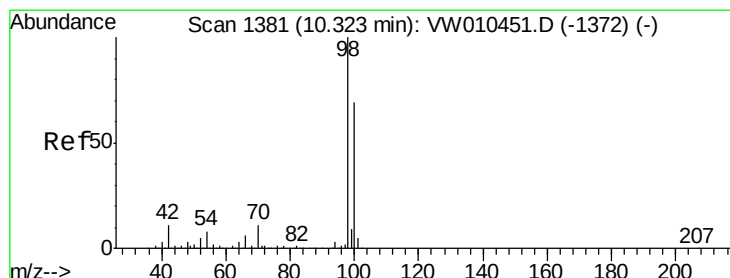
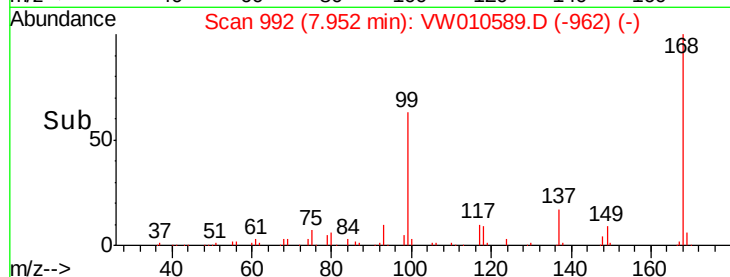
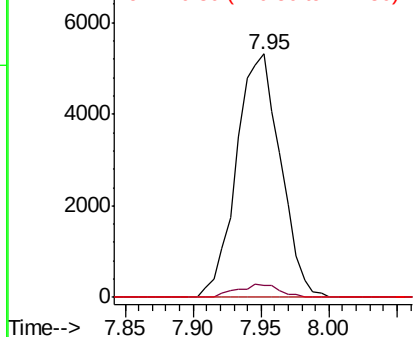
#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW010589.D
Acq: 29 May 2019 14:24

Instrument :
MSVOA_W
ClientSampleId :
TP-8

Tgt Ion: 117 Resp: 12006
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 25.0 37.6#

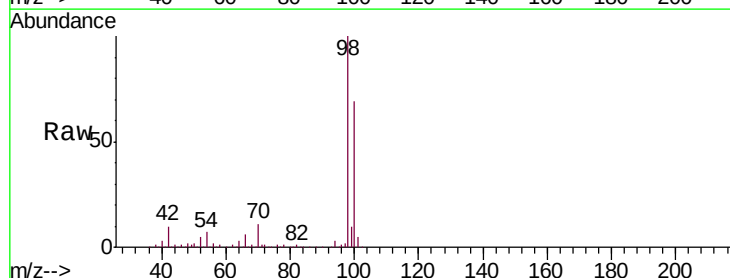


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

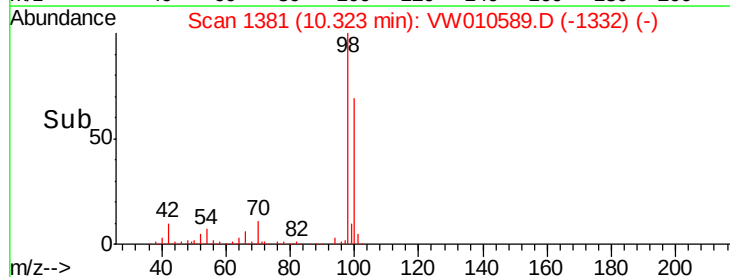
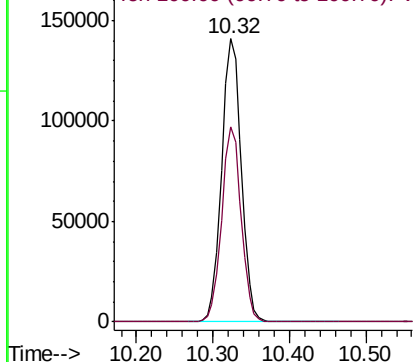


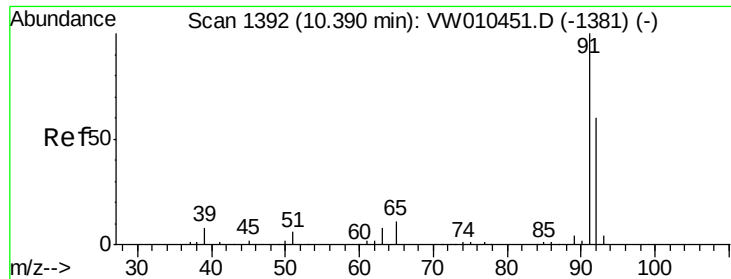
#50
Toluene-d8
Concen: 52.270 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010589.D
Acq: 29 May 2019 14:24

Tgt Ion: 98 Resp: 250334
Ion Ratio Lower Upper
98 100
100 67.8 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 7.620 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

Instrument :

MSVOA_W

ClientSampled :

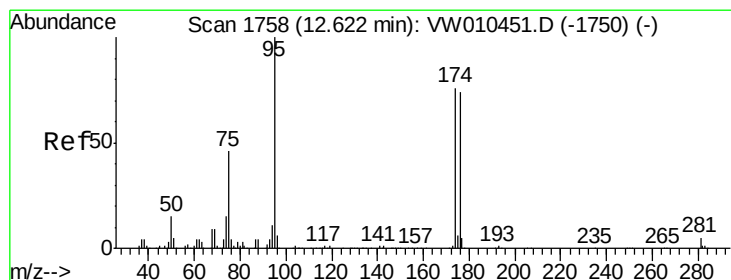
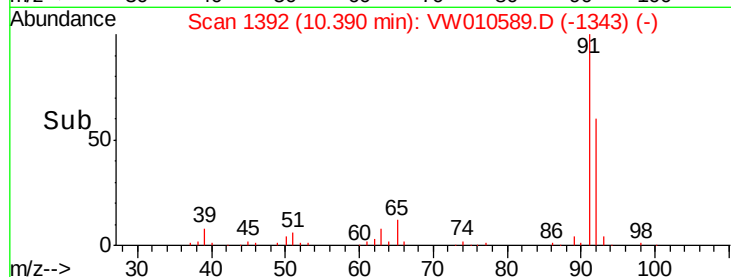
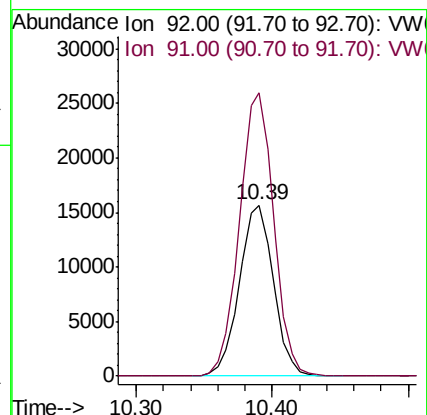
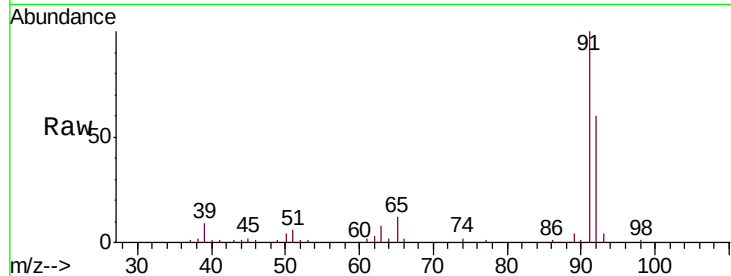
TP-8

Tgt Ion: 92 Resp: 27376

Ion Ratio Lower Upper

92 100

91 166.9 135.4 203.0



#62

4-Bromofluorobenzene

Concen: 48.385 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

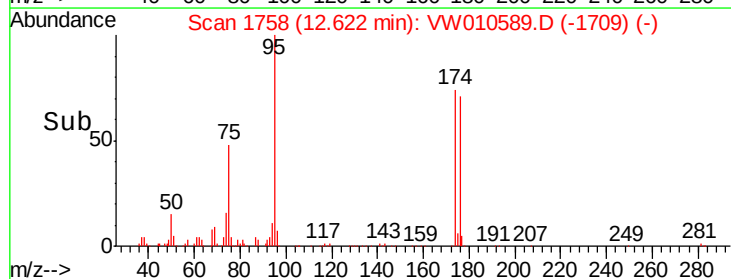
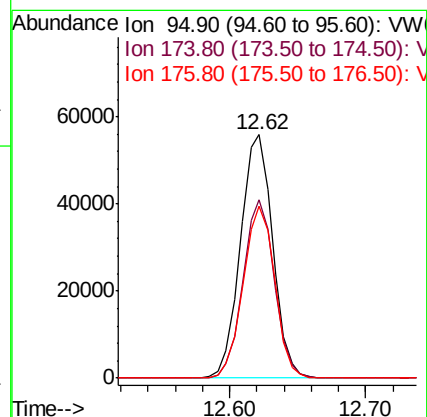
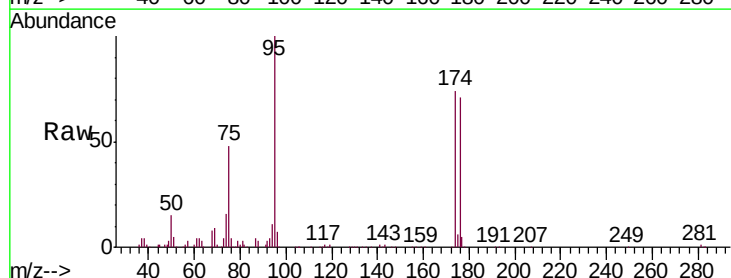
Tgt Ion: 95 Resp: 92300

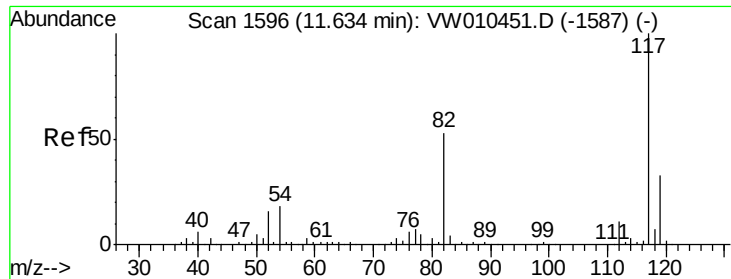
Ion Ratio Lower Upper

95 100

174 71.4 0.0 148.6

176 69.4 0.0 144.2

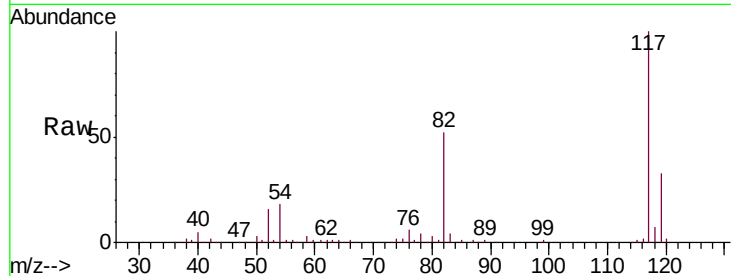




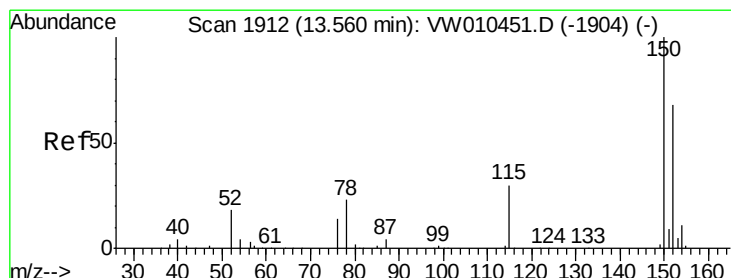
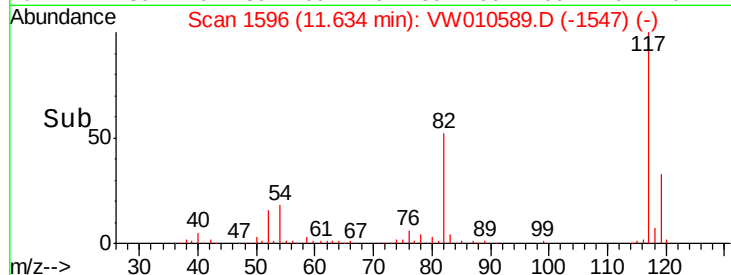
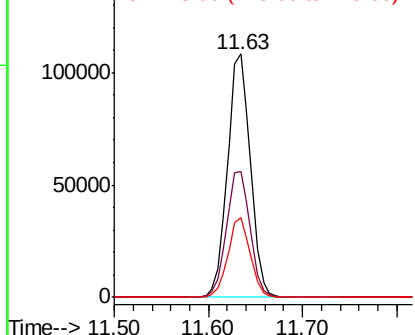
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010589.D
Acq: 29 May 2019 14:24

Instrument :
MSVOA_W
ClientSampled :
TP-8

Tgt Ion:117 Resp: 182709
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 32.6 26.3 39.5

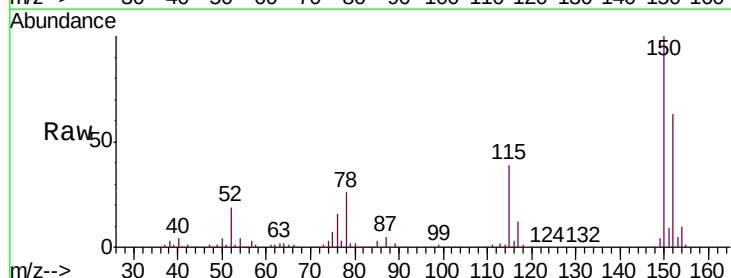


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

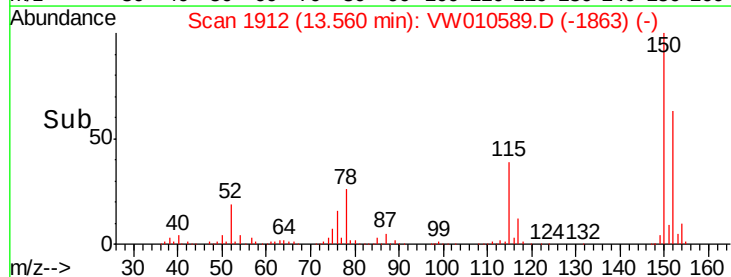
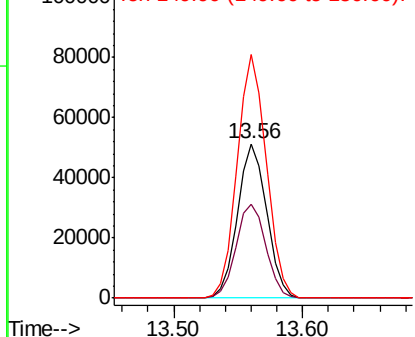


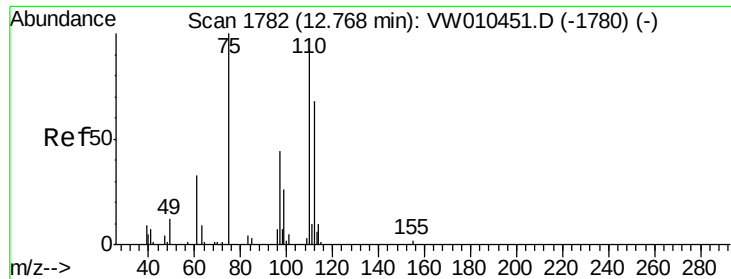
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010589.D
Acq: 29 May 2019 14:24

Tgt Ion:152 Resp: 80447
Ion Ratio Lower Upper
152 100
115 62.0 30.3 91.0
150 157.8 0.0 349.8



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: 53.378 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

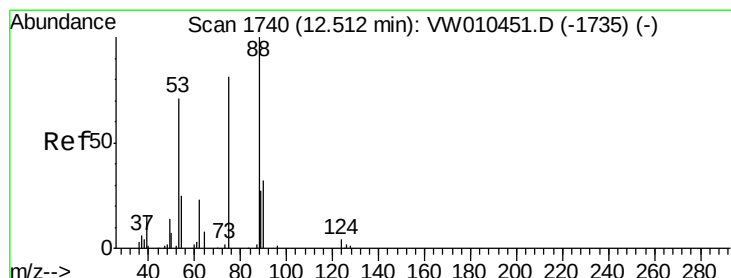
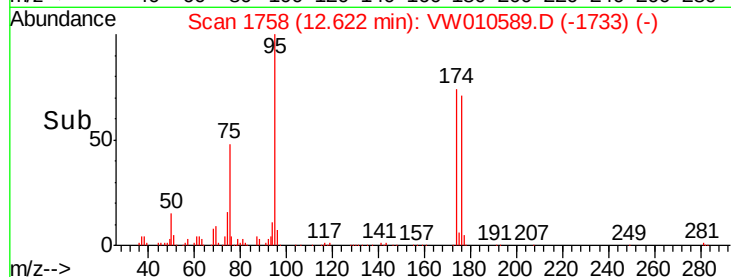
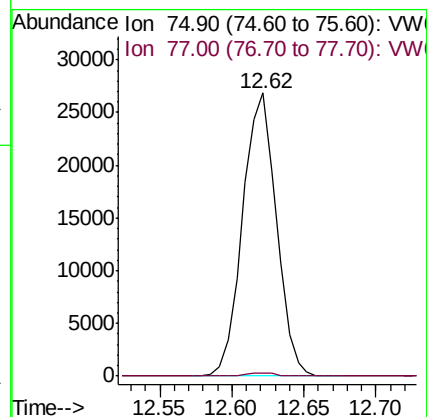
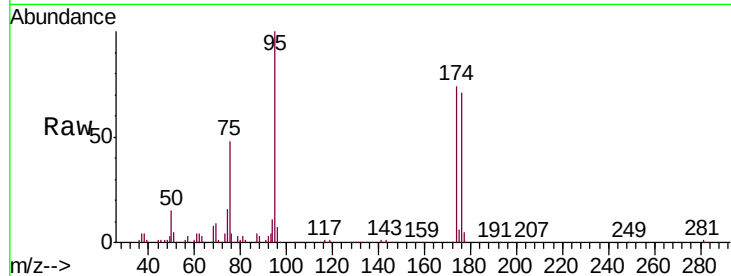
TP-8

Tgt Ion: 75 Resp: 43588

Ion Ratio Lower Upper

75 100

77 1.1 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.402 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010589.D

Acq: 29 May 2019 14:24

Tgt Ion: 75 Resp: 43588

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.1 39.5 59.3#

