

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011997.D
 Acq On : 19 Aug 2019 18:44
 Operator : SY/VA
 Sample : VW0819SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBL02

Quant Time: Aug 19 19:19:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	429196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154835	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	155823	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
35) Dibromofluoromethane	7.88	113	128895	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
50) Toluene-d8	10.32	98	525574	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	12.62	95	174304	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	

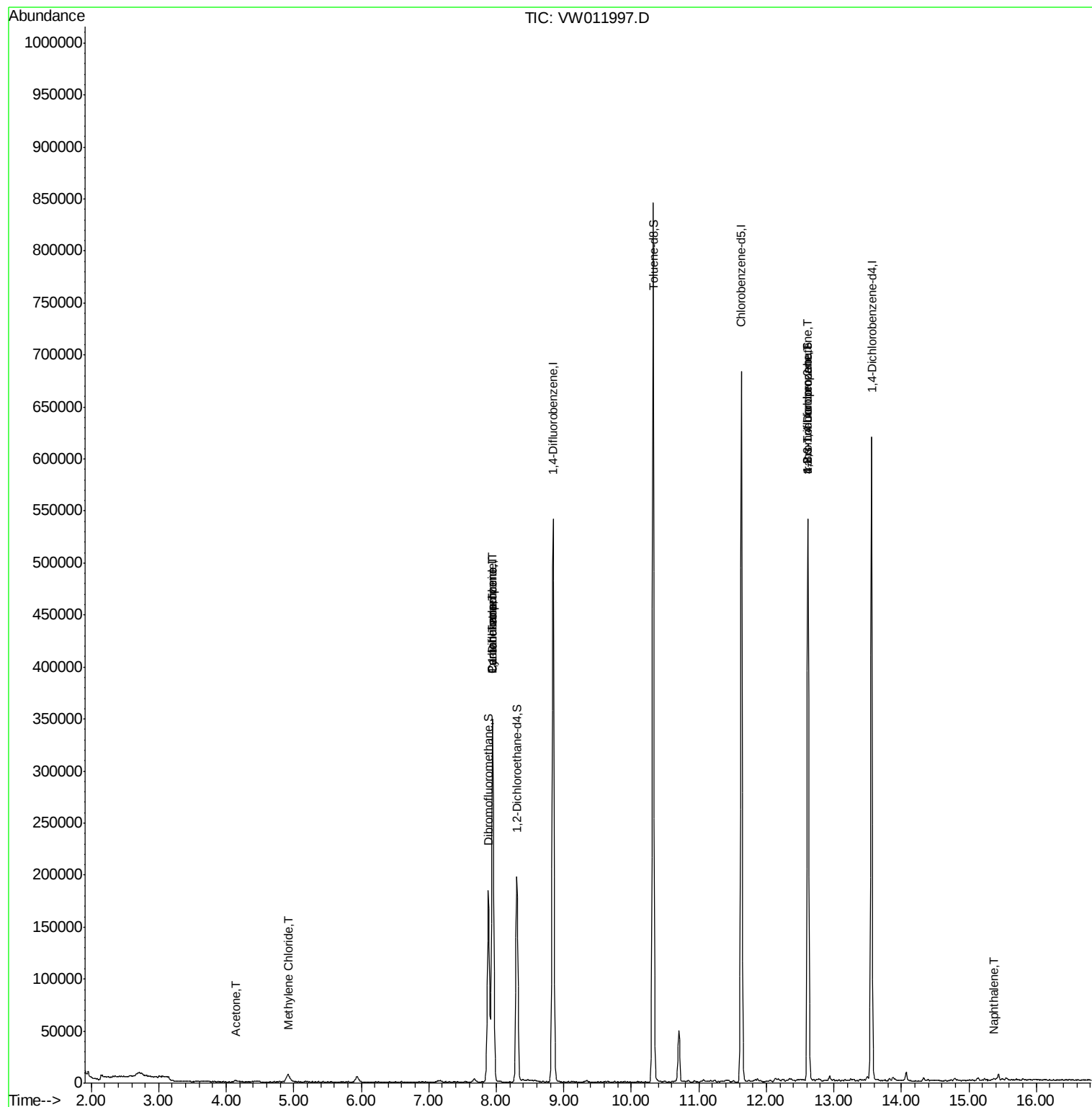
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	132	Below Cal	#	72
16) Acetone	4.14	43	3218	3.384	ug/l	91
20) Methylene Chloride	4.92	84	5640	1.720	ug/l #	88
31) Cyclohexane	7.95	56	6627	1.186	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21850	4.896	ug/l #	51
38) Carbon Tetrachloride	7.95	117	26153	6.845	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	92873	56.688	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	92873	130.645	ug/l #	6
95) Naphthalene	15.37	128	1324	2.274	ug/l #	95

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

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Quant Title : SW846 8260
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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: VW011997.D

Acq: 19 Aug 2019 18:44

Instrument :

MSVOA_W

ClientSampled :

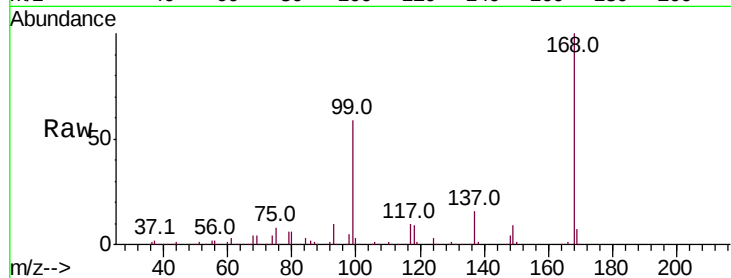
VW0819SBL02

Tot Ion:168 Resp: 260346

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

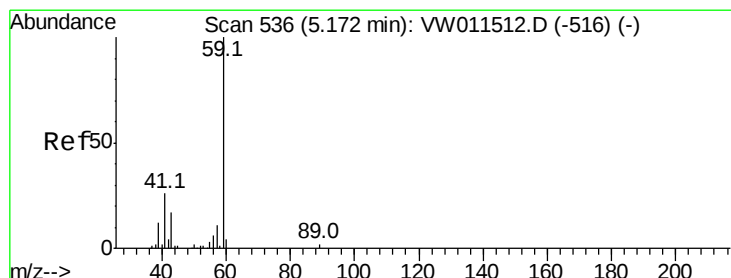
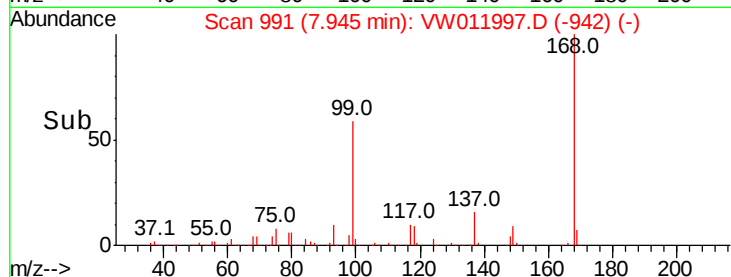
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW011997.D

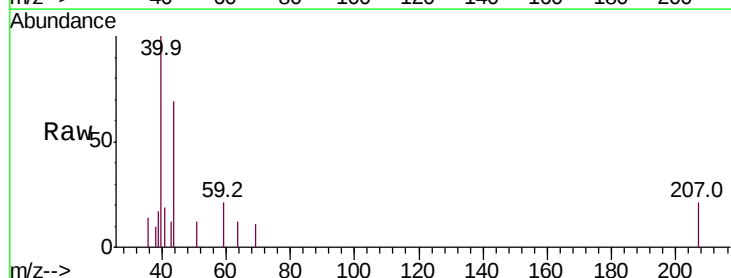
Acq: 19 Aug 2019 18:44

Tgt Ion: 59 Resp: 132

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

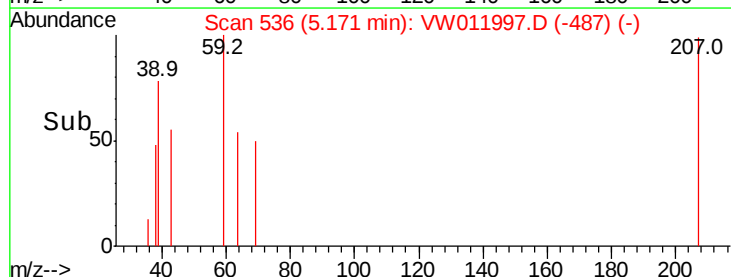
150

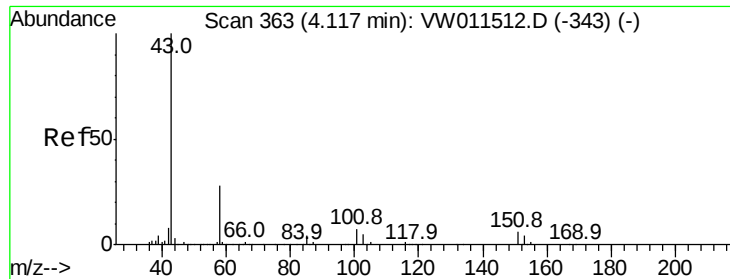
100

50

0

Time--> 5.14 5.16 5.18





#16

Acetone

Concen: 3.384 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011997.D

Acq: 19 Aug 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

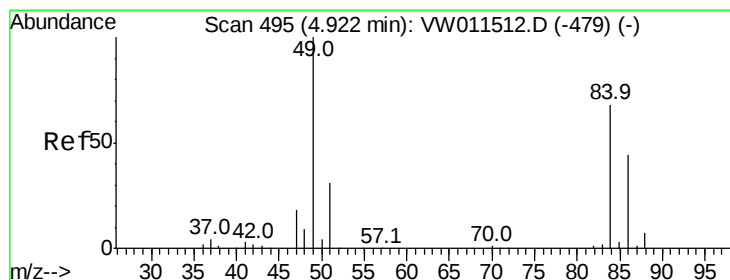
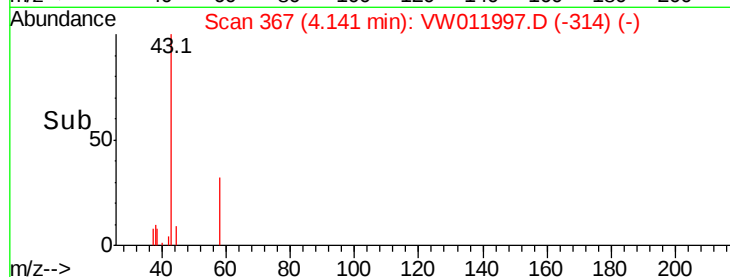
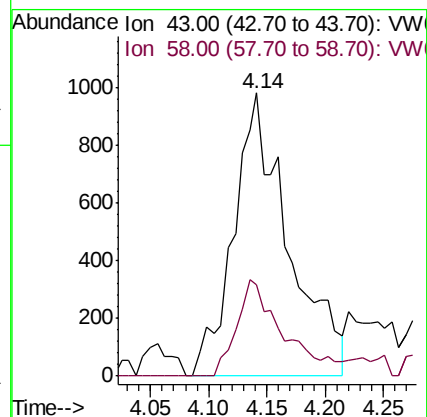
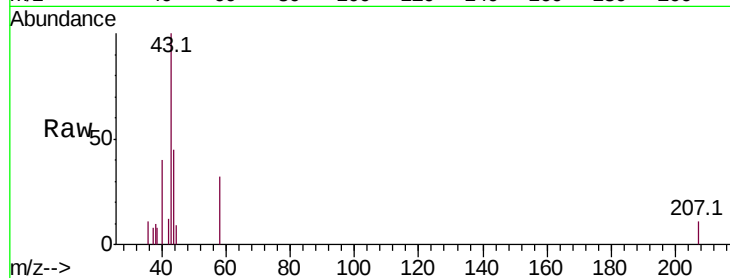
VW0819SBL02

Tot Ion: 43 Resp: 3218

Ion Ratio Lower Upper

43 100

58 32.4 22.3 33.5



#20

Methylene Chloride

Concen: 1.720 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011997.D

Acq: 19 Aug 2019 18:44

Tgt Ion: 84 Resp: 5640

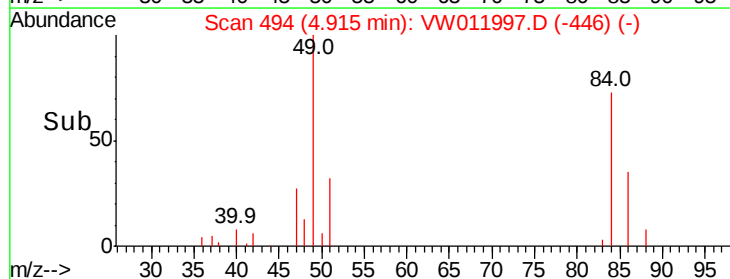
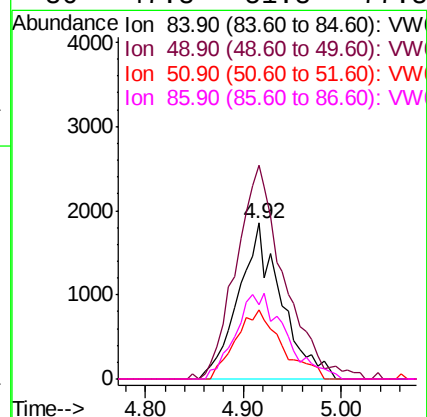
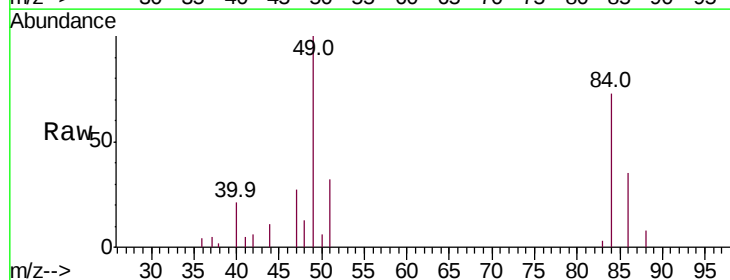
Ion Ratio Lower Upper

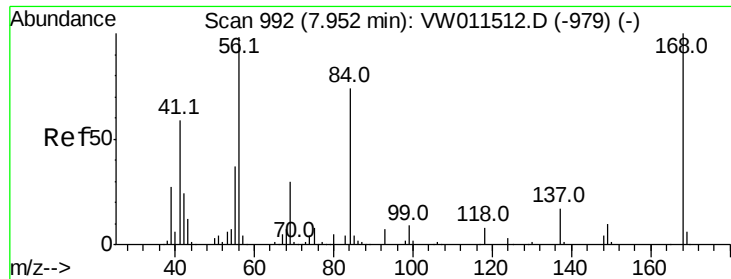
84 100

49 133.7 117.8 176.6

51 44.0 37.0 55.4

86 47.8 51.8 77.8#

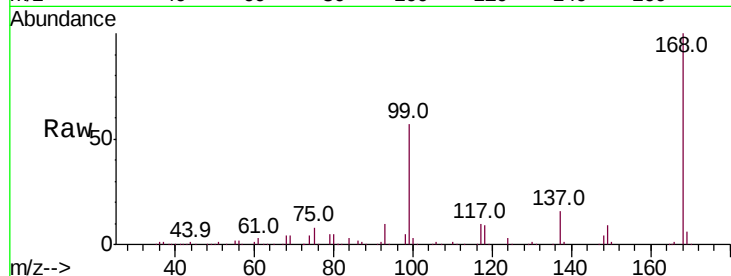




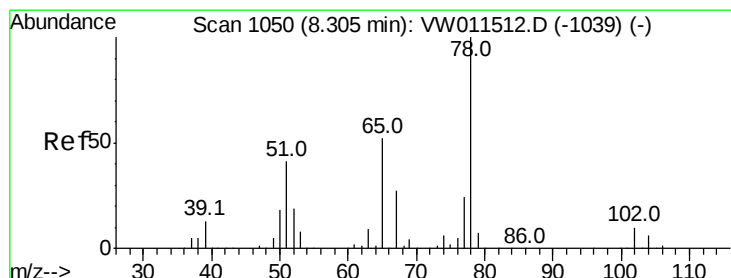
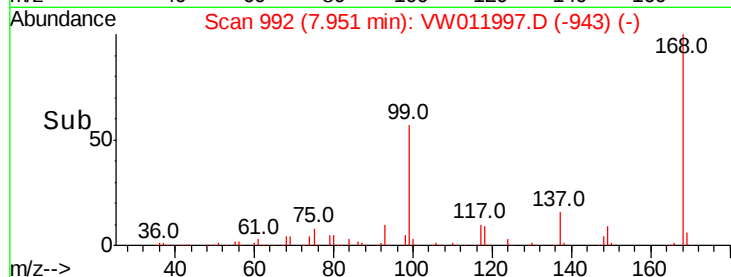
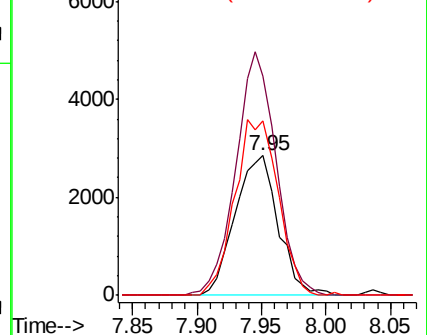
#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011997.D
Acq: 19 Aug 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBL02

Tot Ion: 56 Resp: 6627
Ion Ratio Lower Upper
56 100
69 157.6 24.3 36.5#
84 124.9 60.4 90.6#

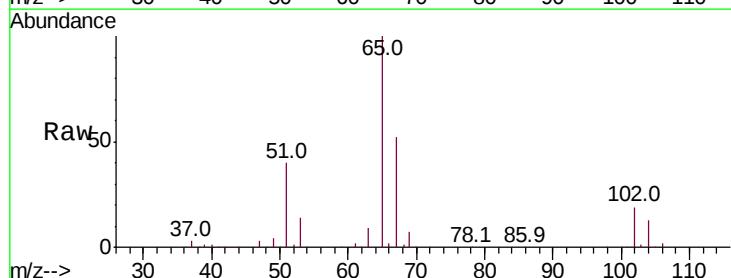


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

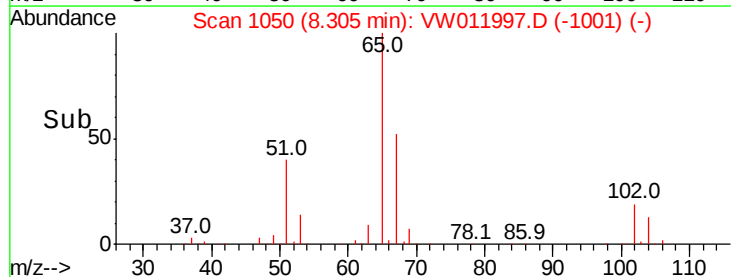
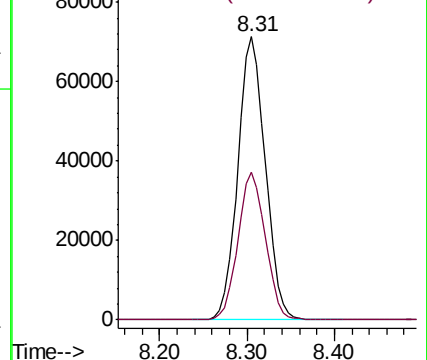


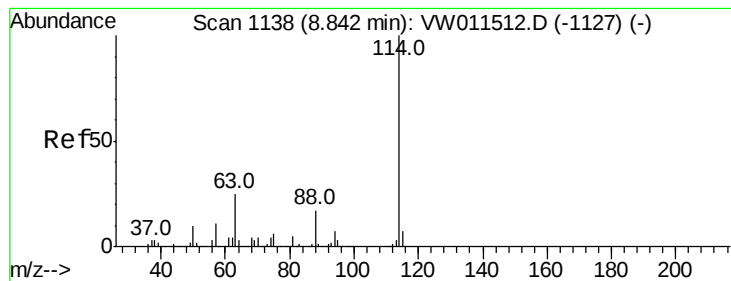
#33
1,2-Dichloroethane-d4
Concen: 52.123 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011997.D
Acq: 19 Aug 2019 18:44

Tgt Ion: 65 Resp: 155823
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2



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: VW011997.D

Acq: 19 Aug 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBL02

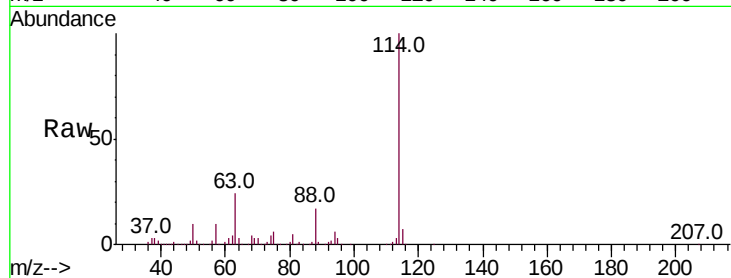
Tot Ion:114 Resp: 429196

Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.2

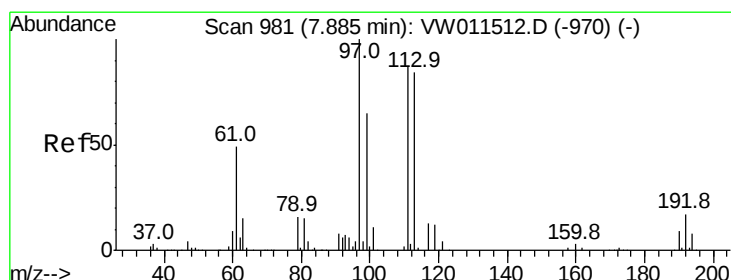
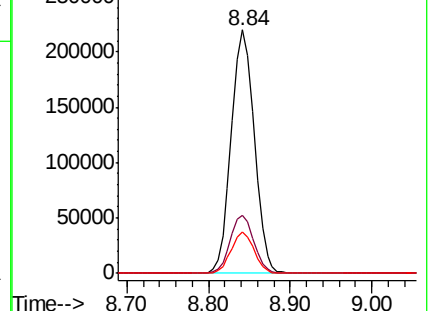
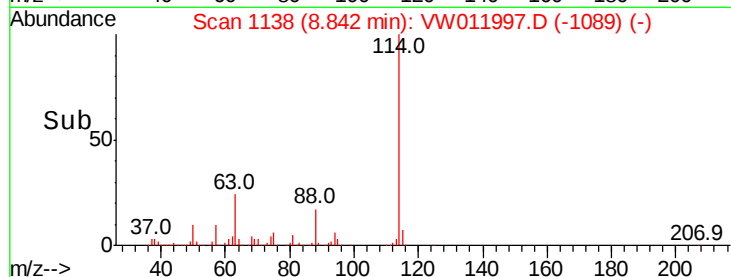
88 17.1 0.0 33.8



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: 53.531 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW011997.D

Acq: 19 Aug 2019 18:44

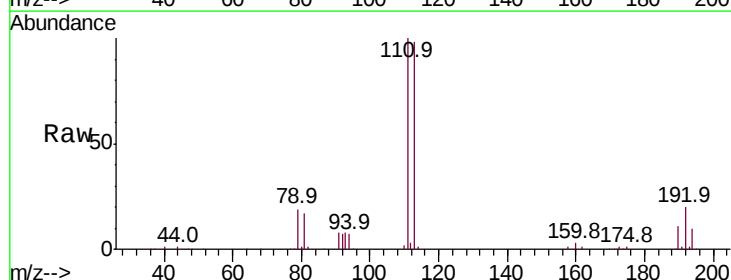
Tgt Ion:113 Resp: 128895

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

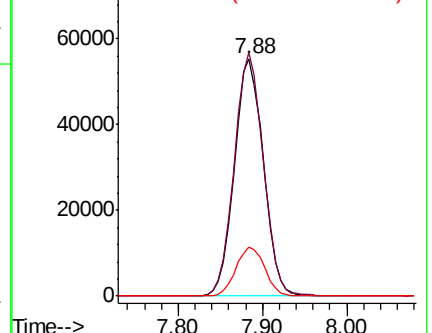
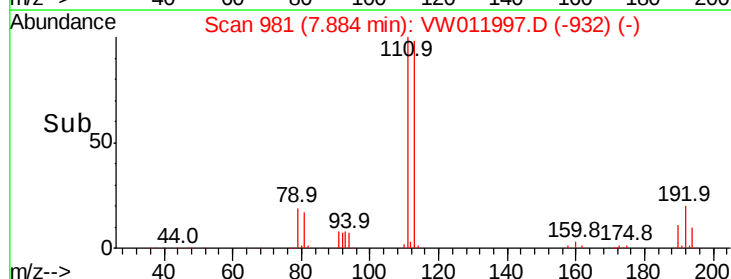
192 20.5 16.1 24.1

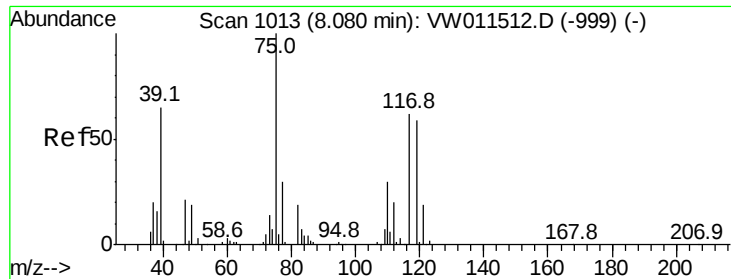


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.896 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011997.D

Acq: 19 Aug 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

VW0819SBL02

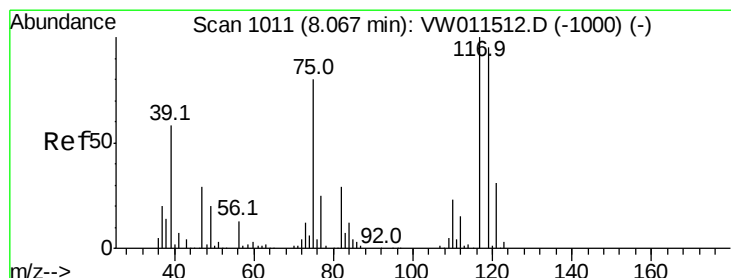
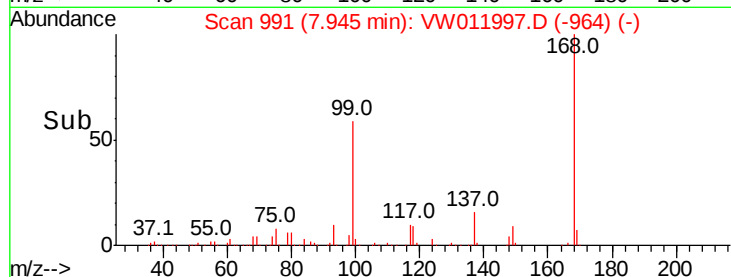
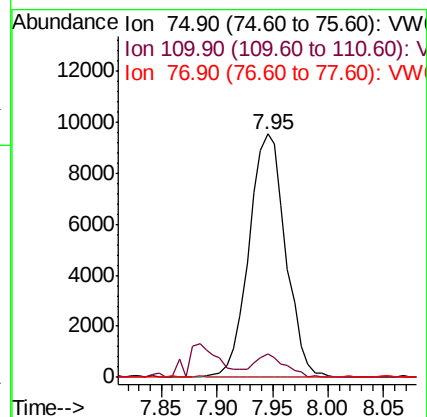
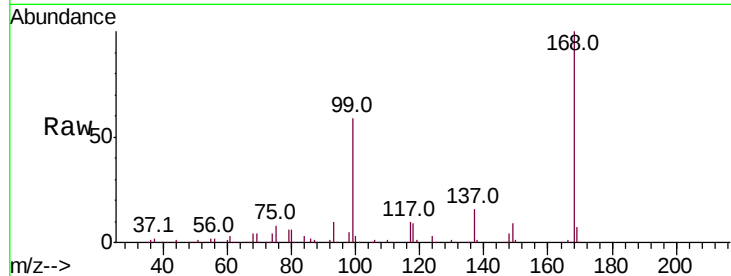
Tot Ion: 75 Resp: 21850

Ion Ratio Lower Upper

75 100

110 7.6 15.6 46.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.845 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011997.D

Acq: 19 Aug 2019 18:44

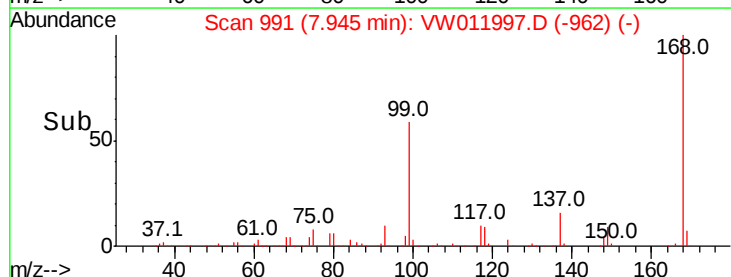
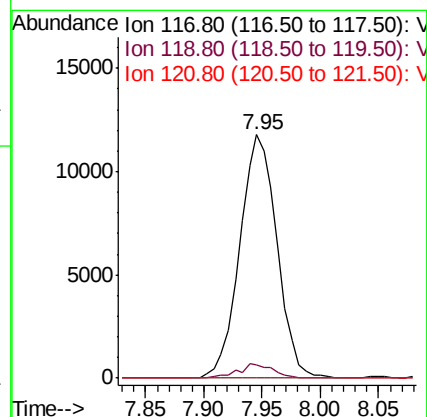
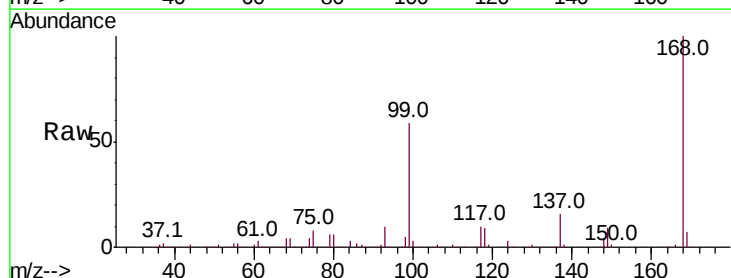
Tgt Ion: 117 Resp: 26153

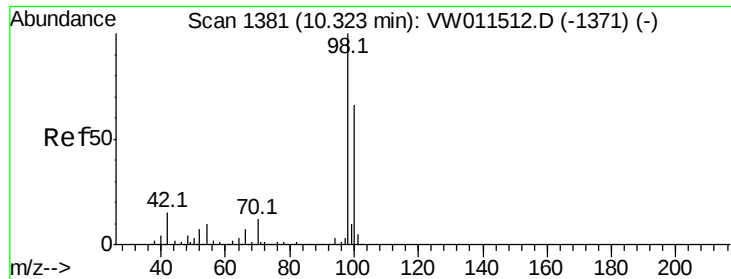
Ion Ratio Lower Upper

117 100

119 5.5 75.8 113.6#

121 0.0 24.7 37.1#

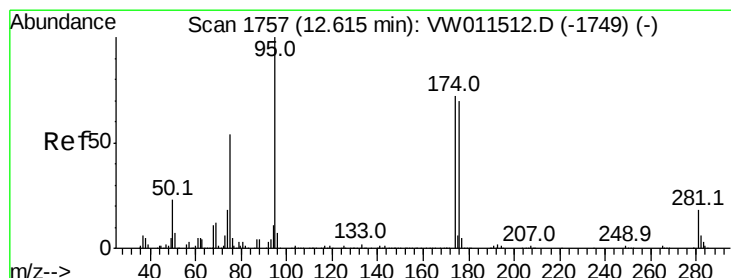
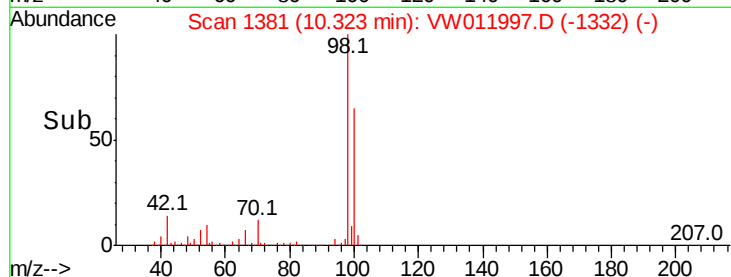
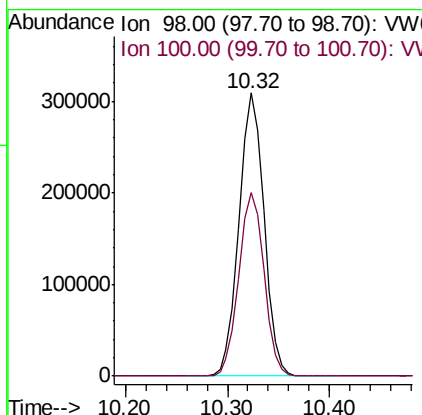
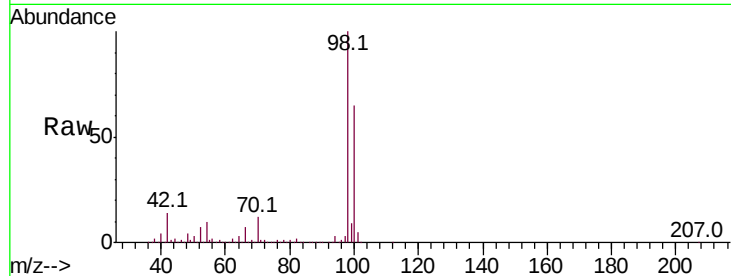




#50
Toluene-d8
Concen: 53.312 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011997.D
Acq: 19 Aug 2019 18:44

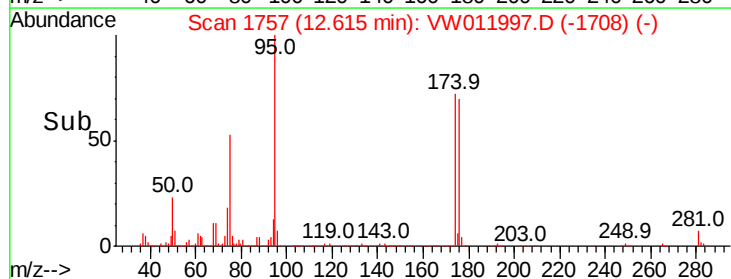
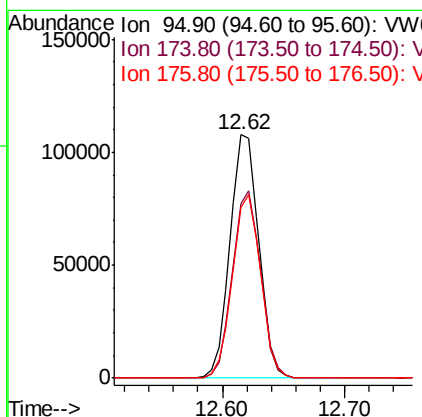
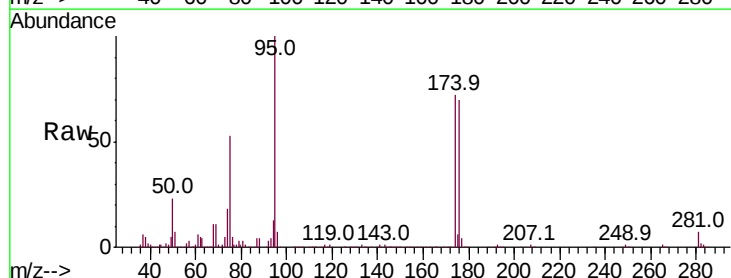
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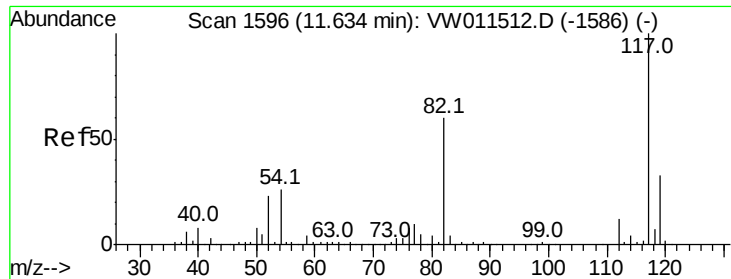
Tot Ion: 98 Resp: 525574
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.592 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011997.D
Acq: 19 Aug 2019 18:44

Tgt Ion: 95 Resp: 174304
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.2
176 74.2 0.0 144.4

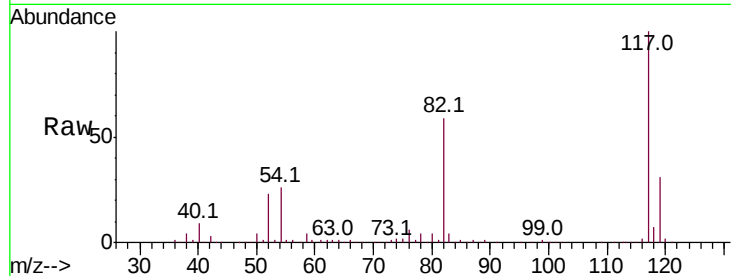




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011997.D
Acq: 19 Aug 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBL02

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.9	71.9
119	31.1	26.2	39.2

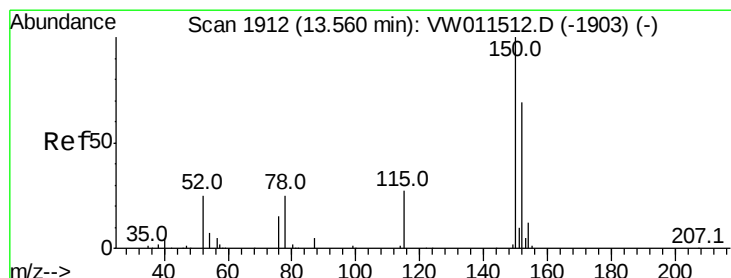
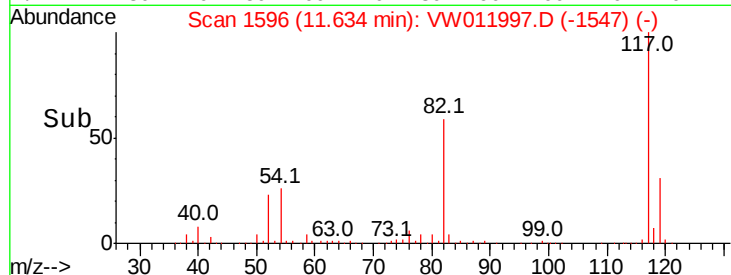
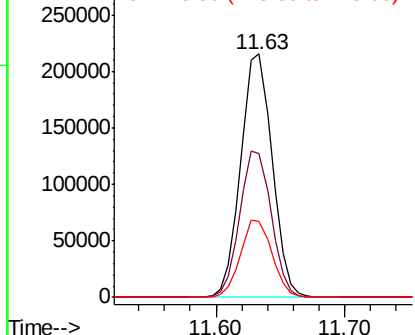


Abundance

Ion 116.90 (116.60 to 117.60): V

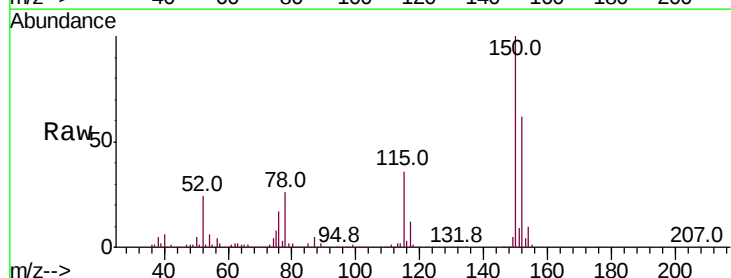
Ion 82.00 (81.70 to 82.70): VW

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: VW011997.D
Acq: 19 Aug 2019 18:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.5	91.5
150	158.2	0.0	352.6

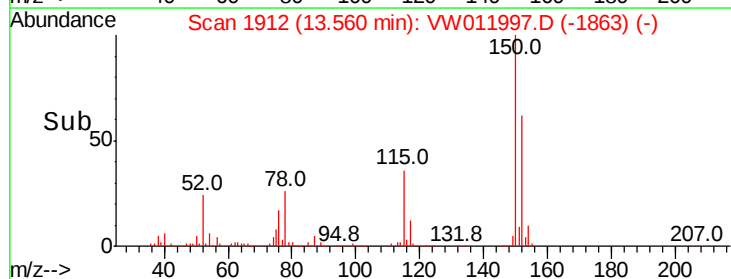
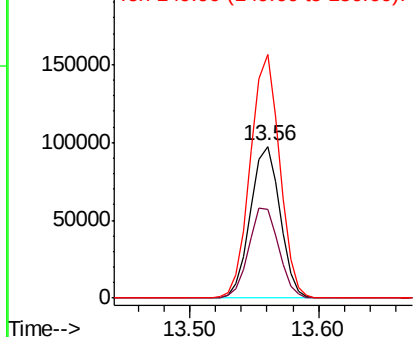


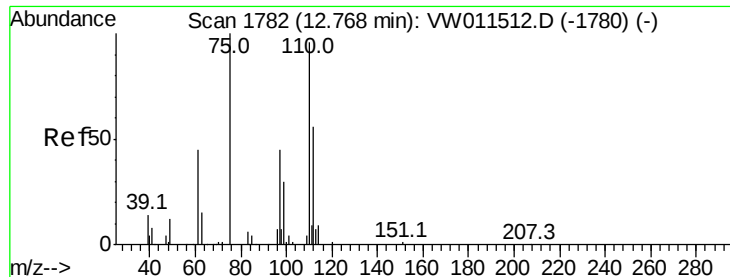
Abundance

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

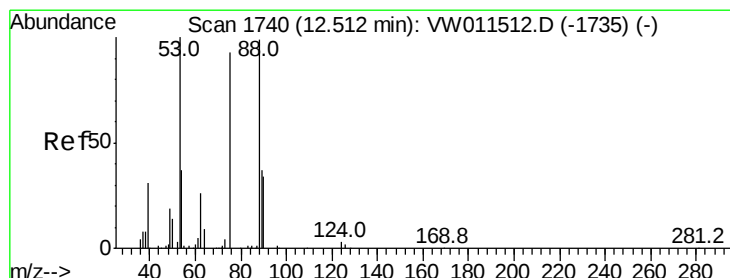
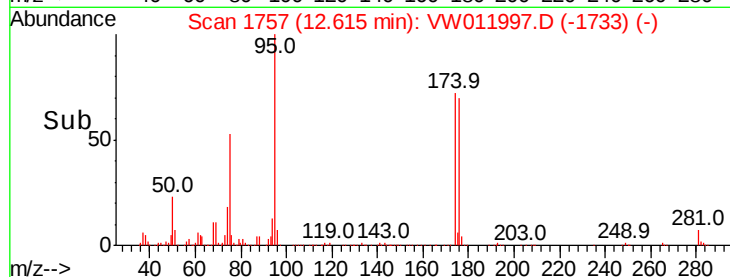
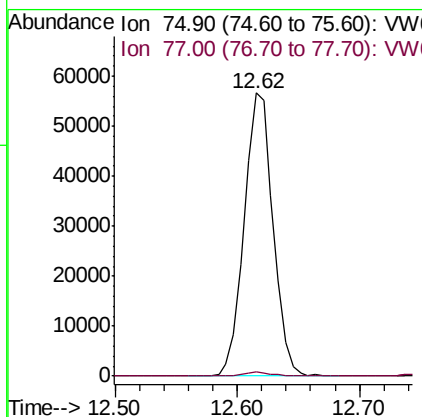
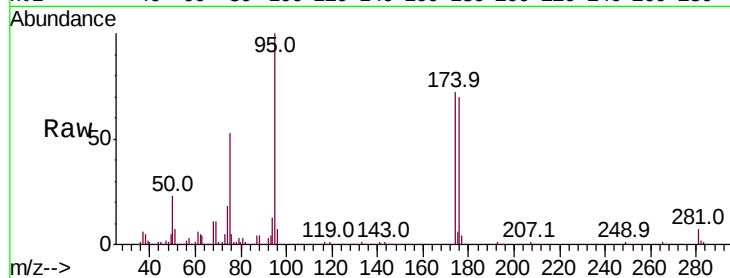




#76
 1,2,3-Trichloropropane
 Concen: 56.688 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011997.D
 Acq: 19 Aug 2019 18:44

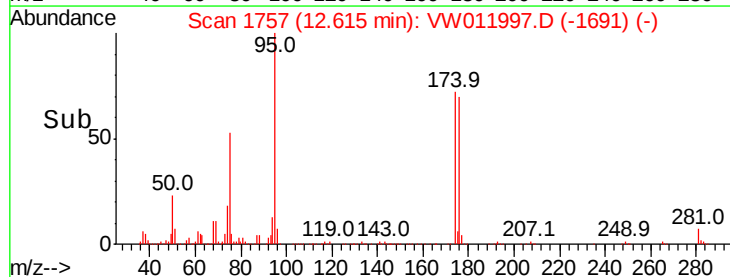
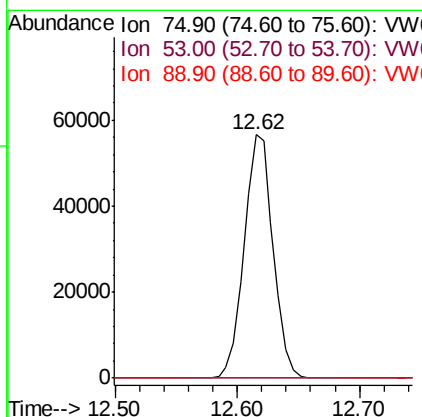
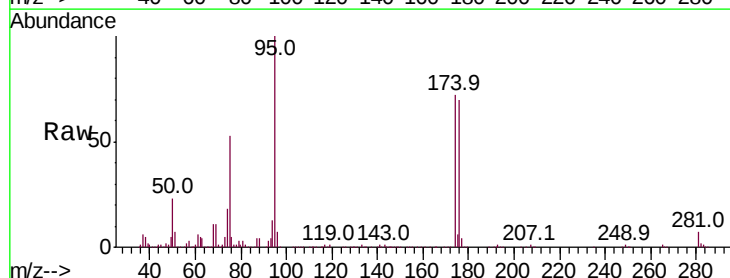
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBL02

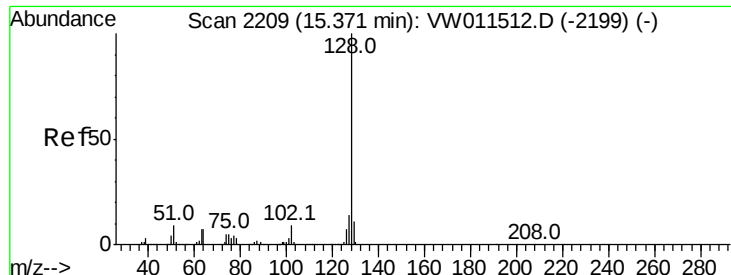
Tot Ion: 75 Resp: 92873
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.645 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011997.D
 Acq: 19 Aug 2019 18:44

Tgt Ion: 75 Resp: 92873
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.0 132.0#
 89 0.0 35.3 52.9#





#95
Naphthalene
Concen: 2.274 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011997.D
Acq: 19 Aug 2019 18:44

Instrument :
MSVOA_W
ClientSampleId :
VW0819SBL02

Tot Ion:128 Resp: 1324
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 7.5 8.6 13.0#

