

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011882.D
 Acq On : 13 Aug 2019 05:54
 Operator : SY/VA
 Sample : K4266-10
 Misc : 5.48G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 13 09:26:38 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

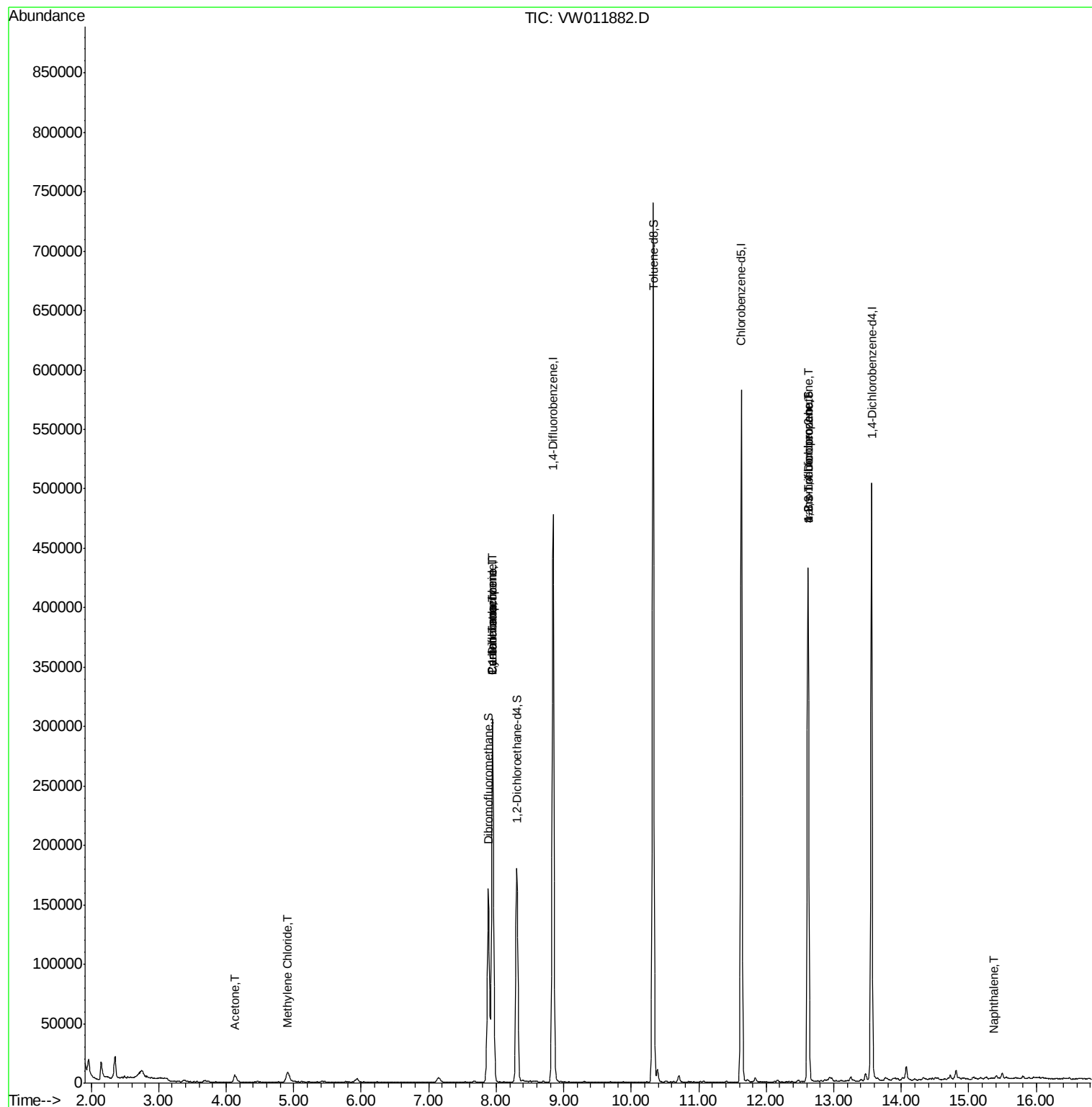
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	368000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146374	58.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.42%	
35) Dibromofluoromethane	7.88	113	113540	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
50) Toluene-d8	10.32	98	454518	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.62	95	141667	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	167	Below Cal	#	84
16) Acetone	4.14	43	12439	15.552	ug/l	95
20) Methylene Chloride	4.91	84	6290	2.280	ug/l	95
31) Cyclohexane	7.95	56	5581	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20027	5.234	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22385	6.834	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	76449	58.881	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76449	135.701	ug/l #	6
95) Naphthalene	15.36	128	457	2.156	ug/l #	69

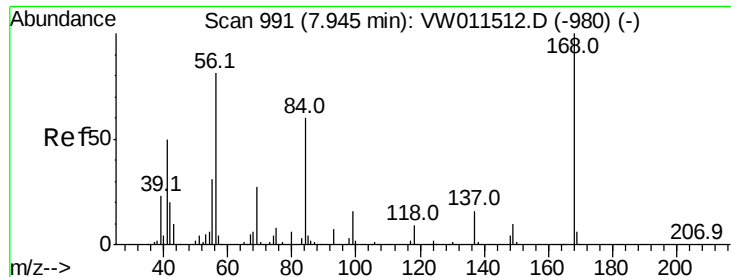
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011882.D

Acq: 13 Aug 2019 05:54

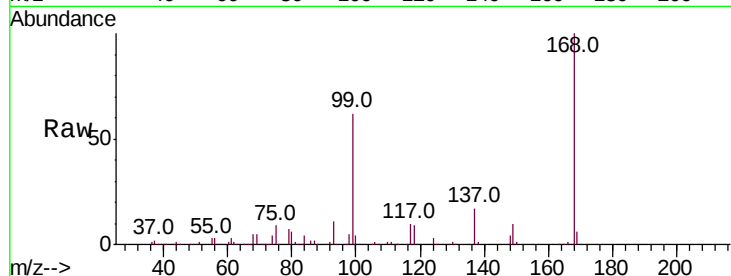
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 218971

Ion Ratio Lower Upper

168 100

99 62.1 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

80000

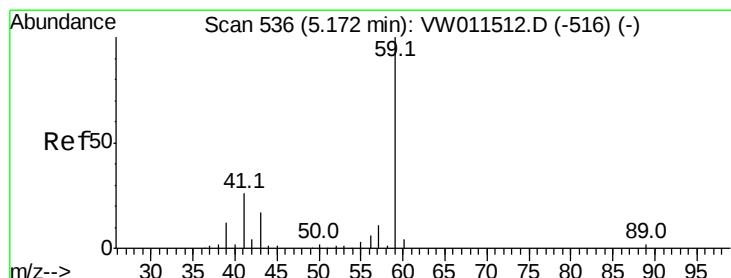
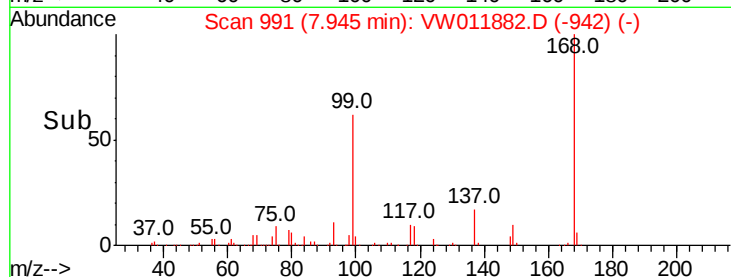
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 541

Delta R.T. 0.03 min

Lab File: VW011882.D

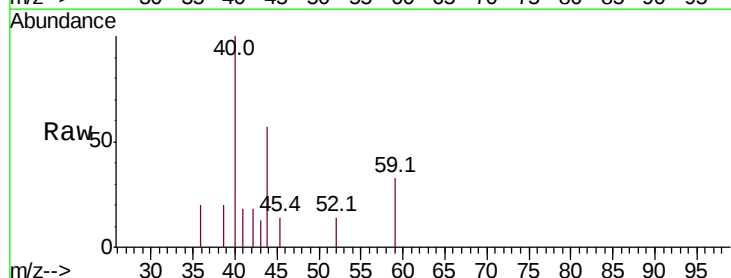
Acq: 13 Aug 2019 05:54

Tgt Ion: 59 Resp: 167

Ion Ratio Lower Upper

59 100

57 16.8 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

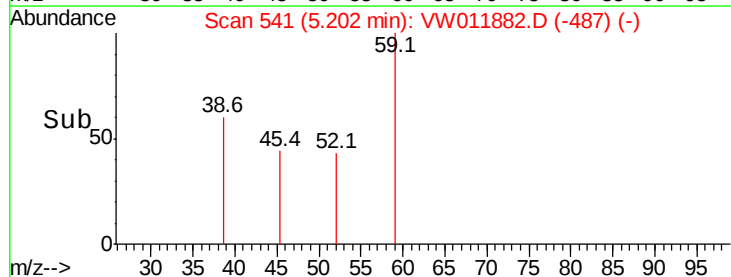
150

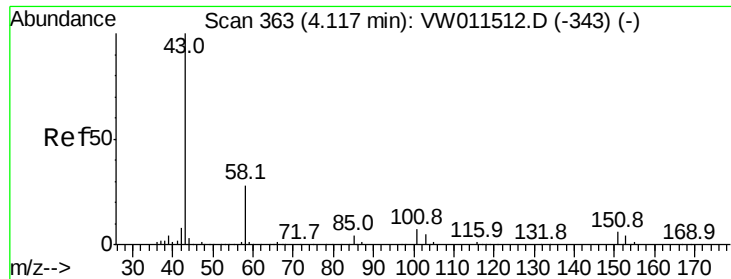
100

50

0

Time-->





#16

Acetone

Concen: 15.552 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011882.D

Acq: 13 Aug 2019 05:54

Instrument :

MSVOA_W

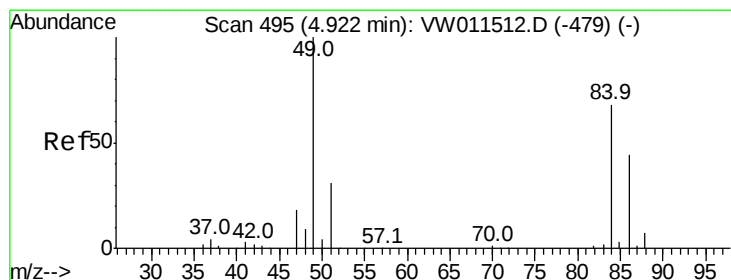
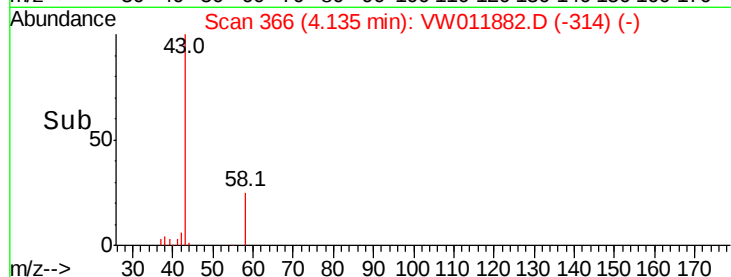
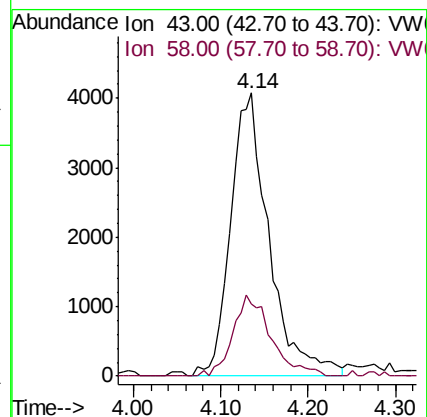
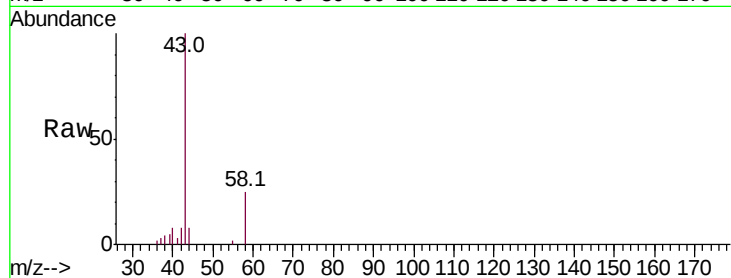
ClientSampleId :

Tot Ion: 43 Resp: 12439

Ion Ratio Lower Upper

43 100

58 25.4 22.3 33.5



#20

Methylene Chloride

Concen: 2.280 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011882.D

Acq: 13 Aug 2019 05:54

Tgt Ion: 84 Resp: 6290

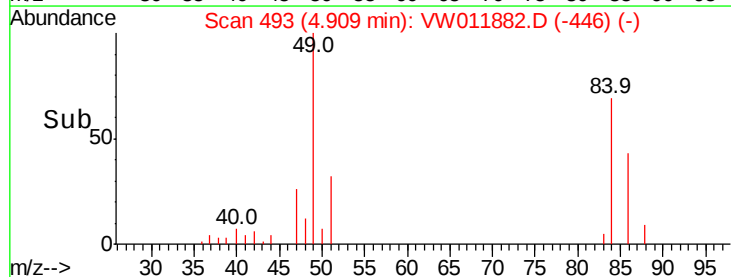
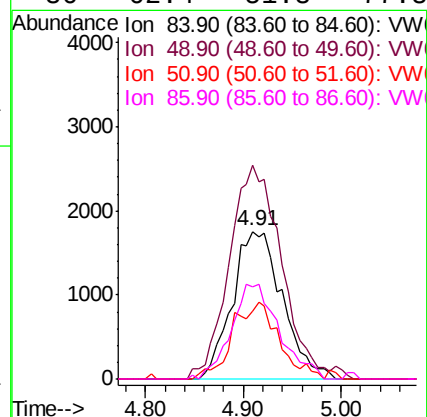
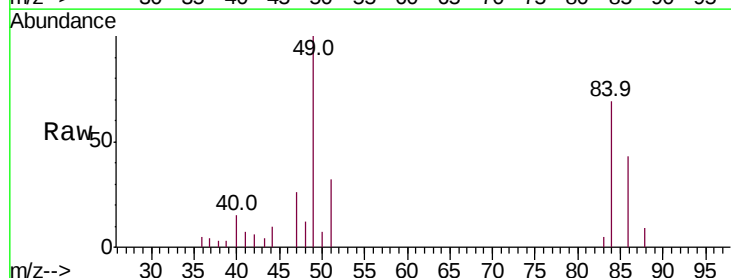
Ion Ratio Lower Upper

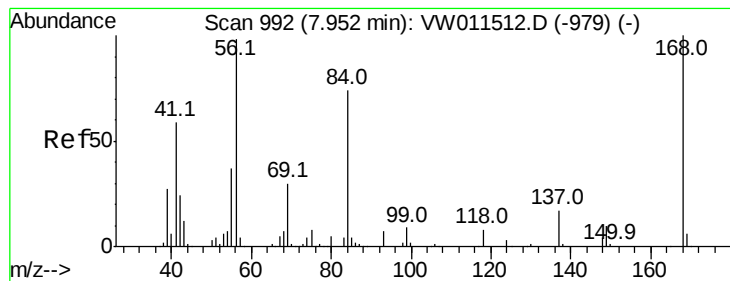
84 100

49 138.5 117.8 176.6

51 46.0 37.0 55.4

86 62.4 51.8 77.8





#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

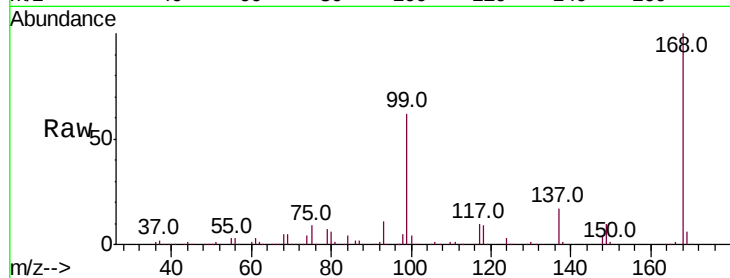
Lab File: VW011882.D

Acq: 13 Aug 2019 05:54

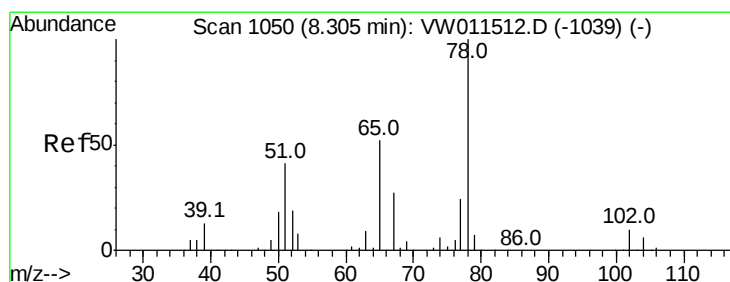
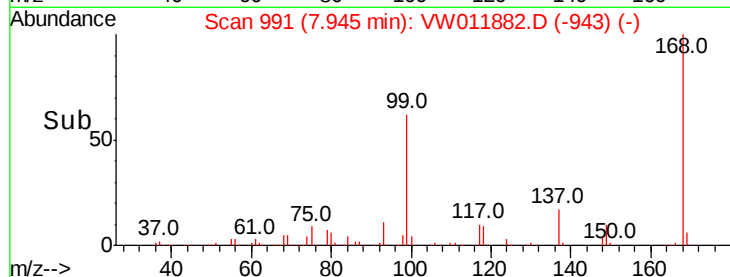
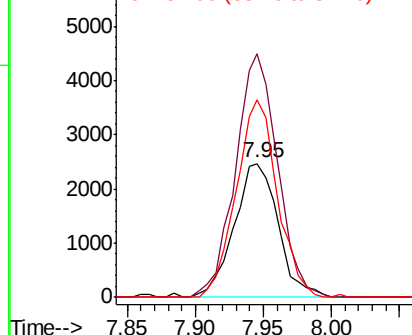
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 5581

Ion	Ratio	Lower	Upper
56	100		
69	182.3	24.3	36.5#
84	148.2	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: 58.214 ug/l

RT: 8.31 min Scan# 1050

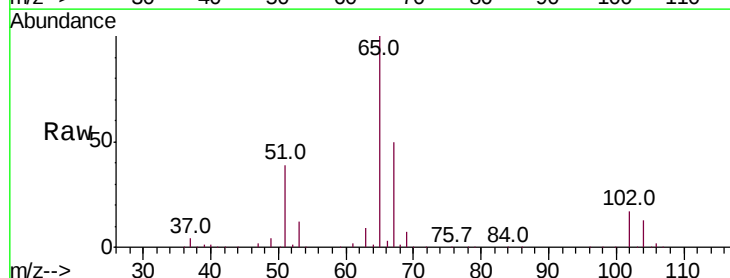
Delta R.T. -0.00 min

Lab File: VW011882.D

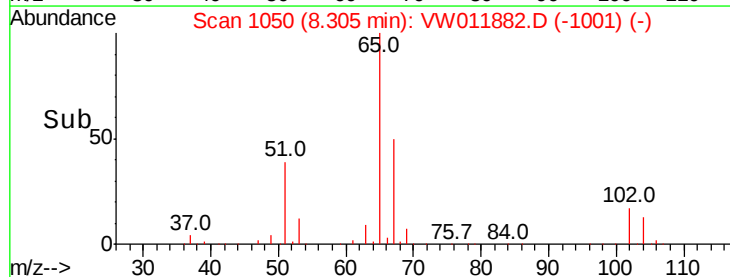
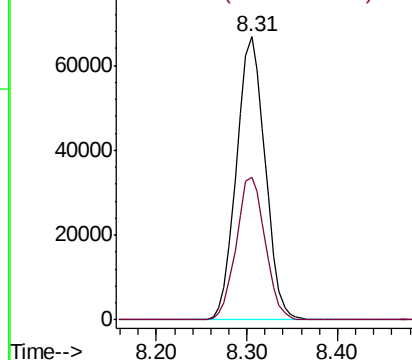
Acq: 13 Aug 2019 05:54

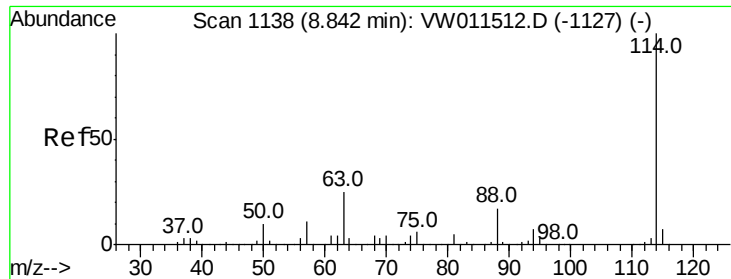
Tgt Ion: 65 Resp: 146374

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	105.2



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

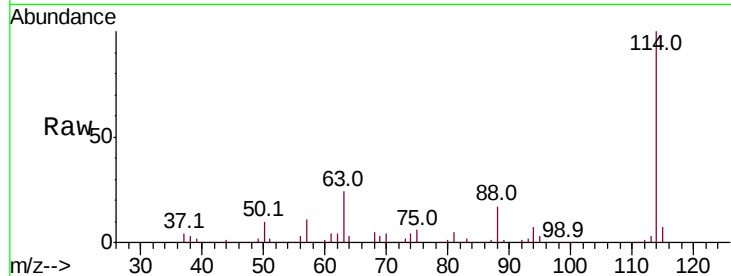




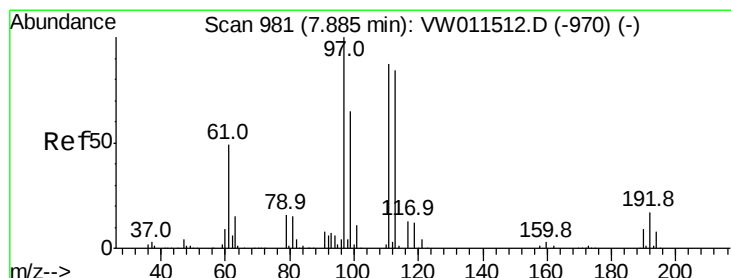
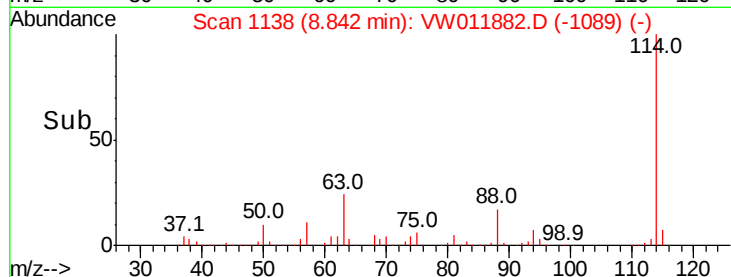
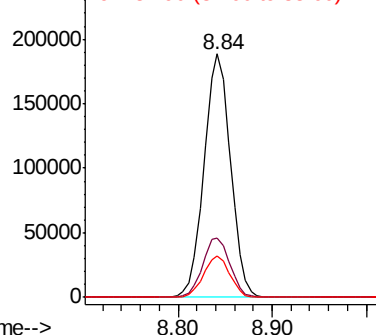
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011882.D
 Acq: 13 Aug 2019 05:54

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	49.2
88	17.2	0.0	33.8

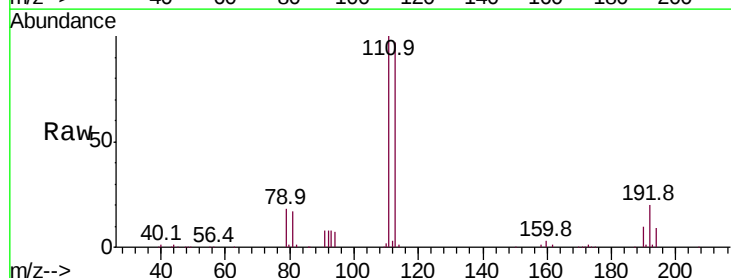


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

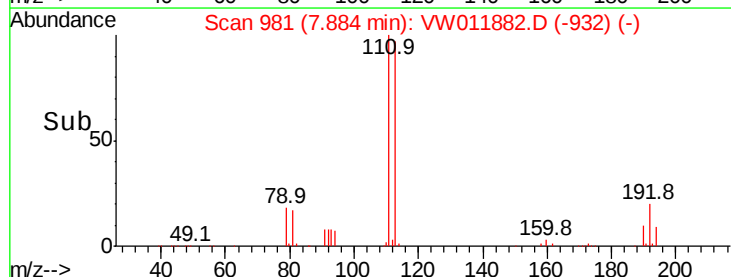
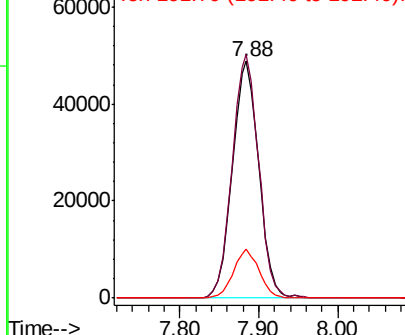


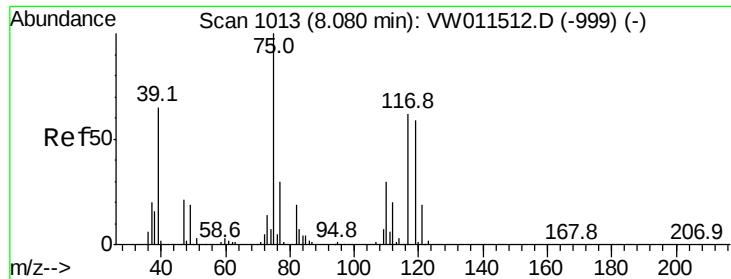
#35
 Dibromofluoromethane
 Concen: 54.995 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011882.D
 Acq: 13 Aug 2019 05:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.7	124.1
192	20.0	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

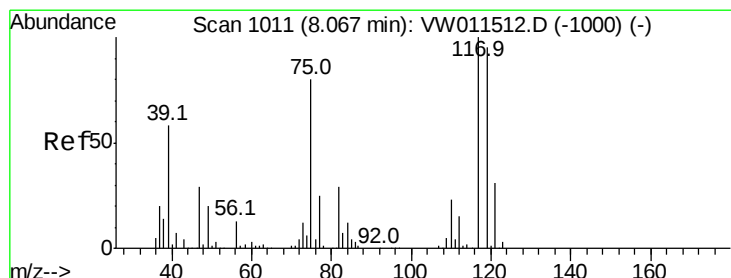
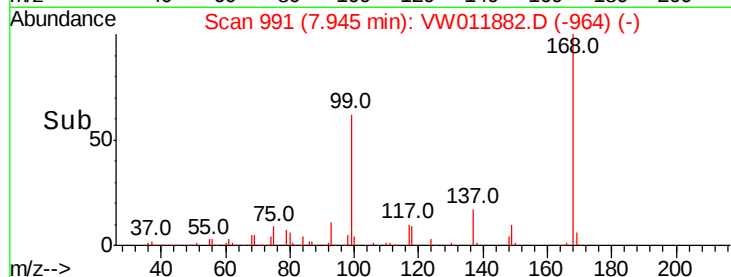
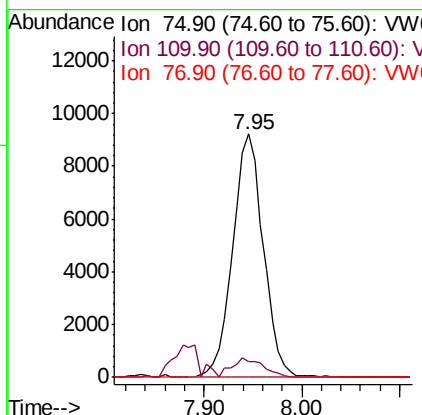
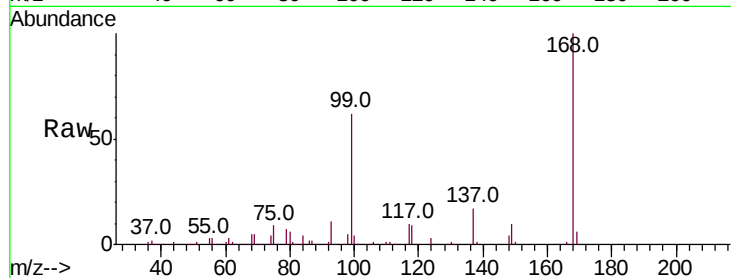




#36
 1,1-Dichloropropene
 Concen: 5.234 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011882.D
 Acq: 13 Aug 2019 05:54

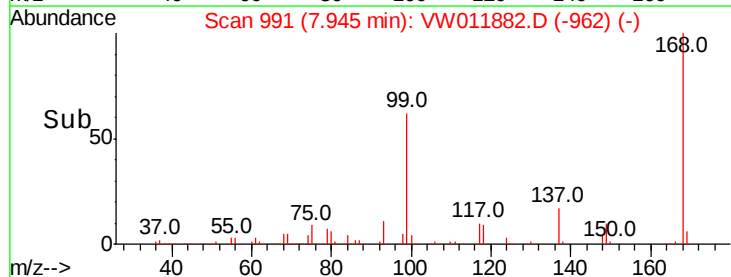
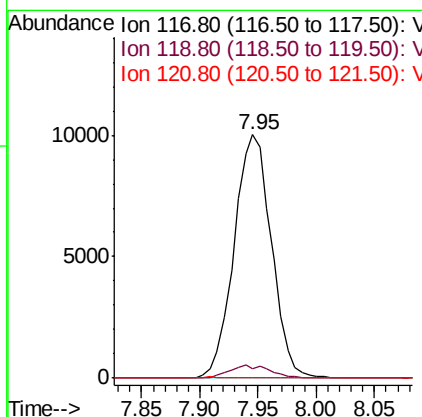
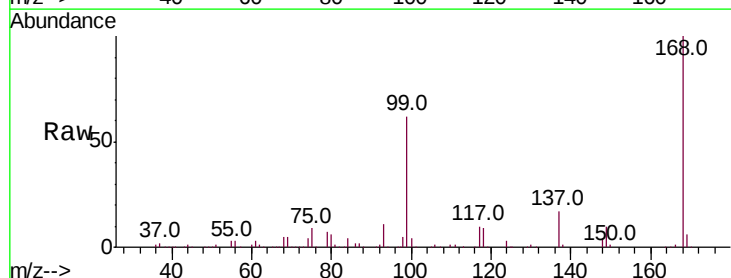
Instrument :
 MSVOA_W
 ClientSampleId :

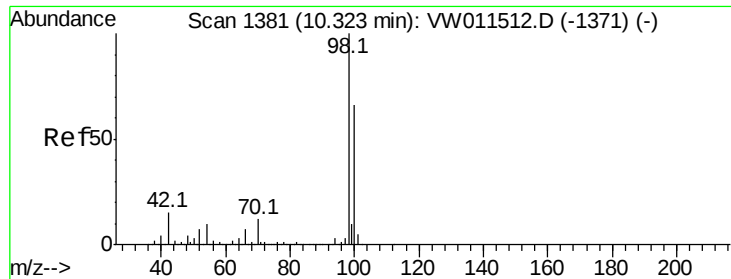
Tot Ion: 75 Resp: 20027
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.6 46.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.834 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011882.D
 Acq: 13 Aug 2019 05:54

Tgt Ion: 117 Resp: 22385
 Ion Ratio Lower Upper
 117 100
 119 4.1 75.8 113.6#
 121 0.0 24.7 37.1#

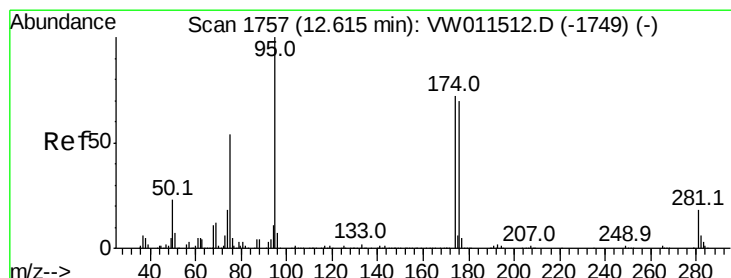
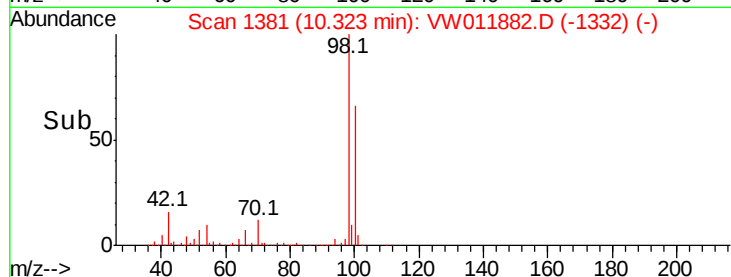
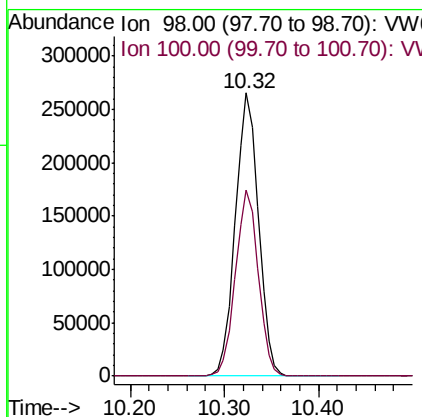
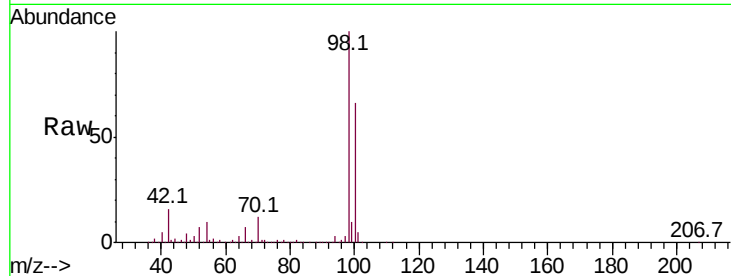




#50
Toluene-d8
Concen: 53.771 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011882.D
Acq: 13 Aug 2019 05:54

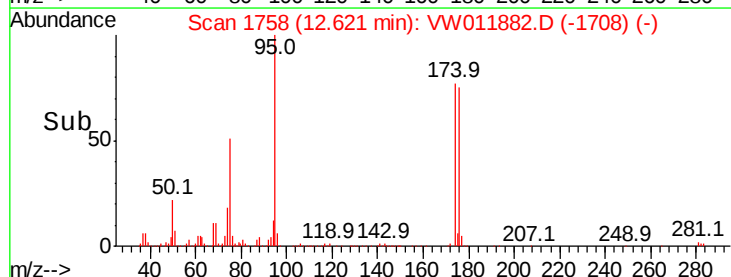
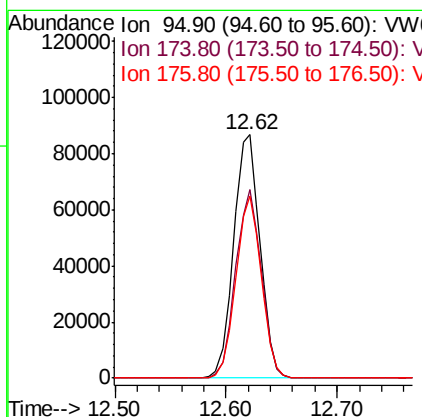
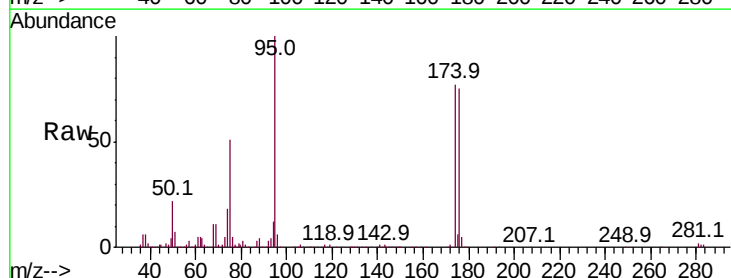
Instrument :
MSVOA_W
ClientSampleId :

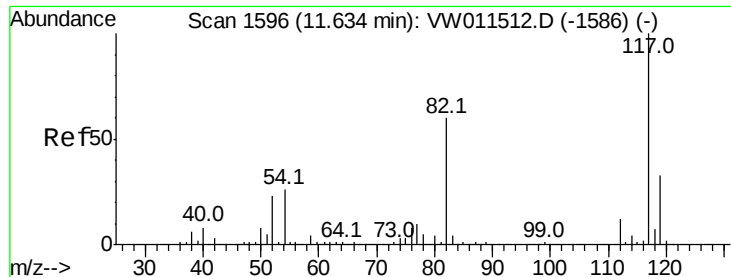
Tot Ion: 98 Resp: 454518
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.009 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011882.D
Acq: 13 Aug 2019 05:54

Tgt Ion: 95 Resp: 141667
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.2
176 72.3 0.0 144.4

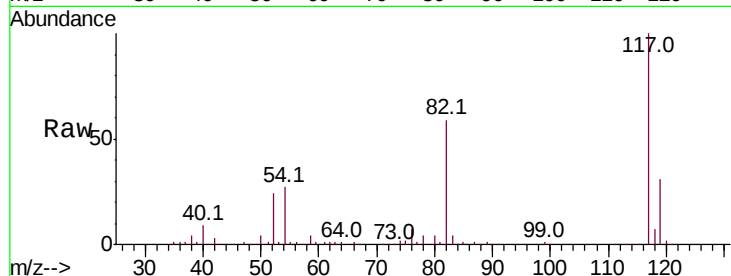




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011882.D
Acq: 13 Aug 2019 05:54

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.9	71.9
119	31.2	26.2	39.2

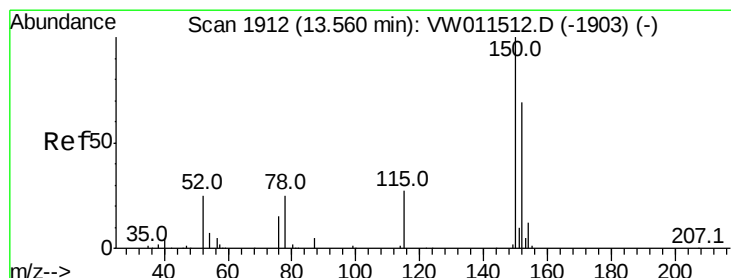
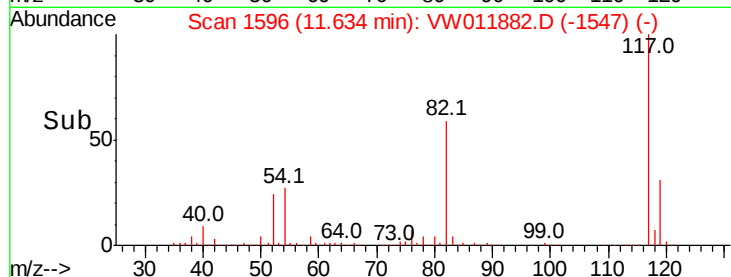
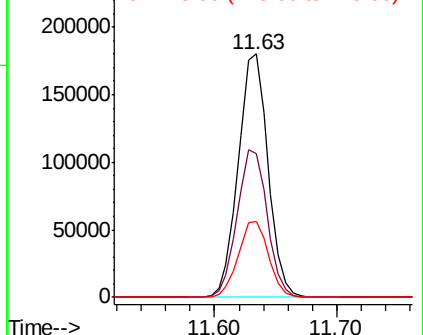


Abundance

Ion 116.90 (116.60 to 117.60): V

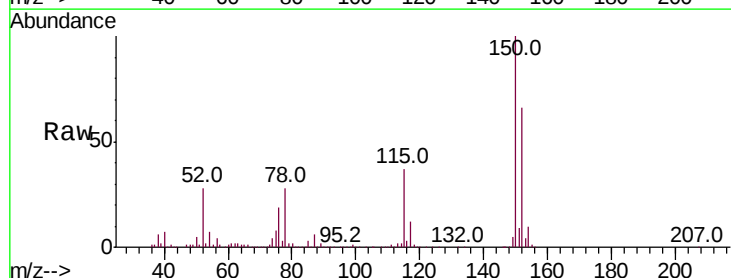
Ion 82.00 (81.70 to 82.70): VW

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: VW011882.D
Acq: 13 Aug 2019 05:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.5	91.5
150	155.6	0.0	352.6

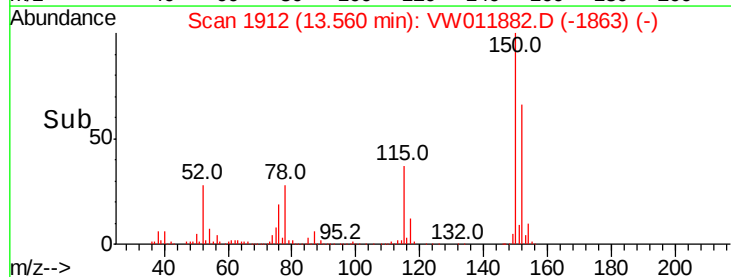
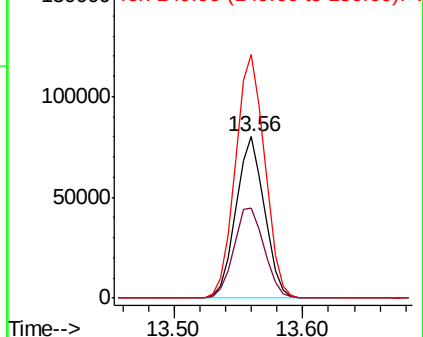


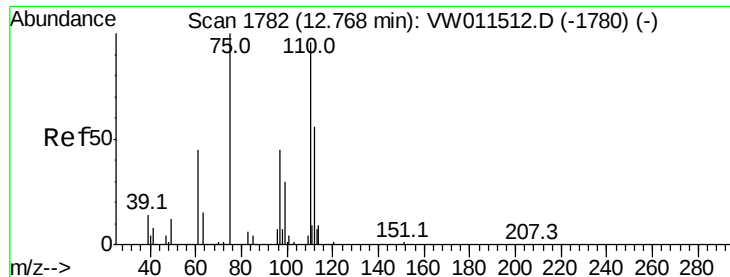
Abundance

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: 58.881 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011882.D

Acq: 13 Aug 2019 05:54

Instrument :

MSVOA_W

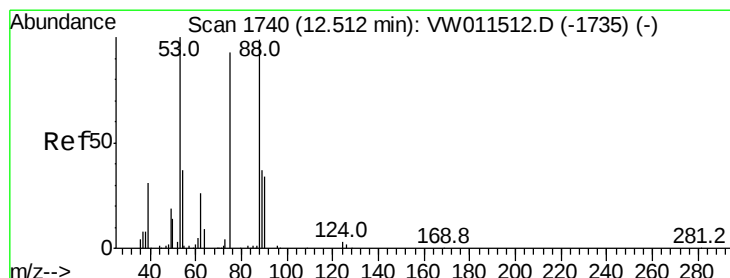
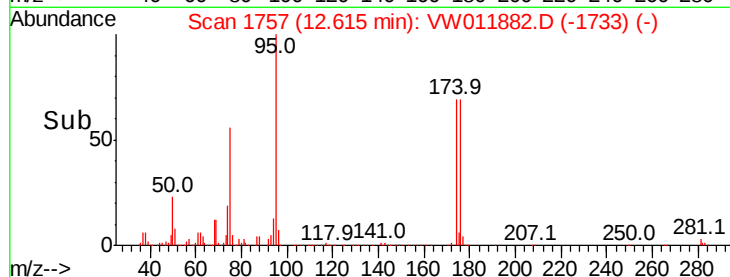
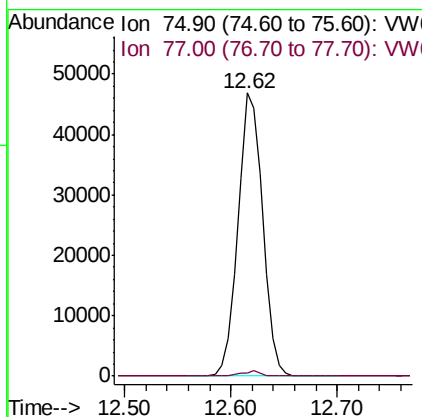
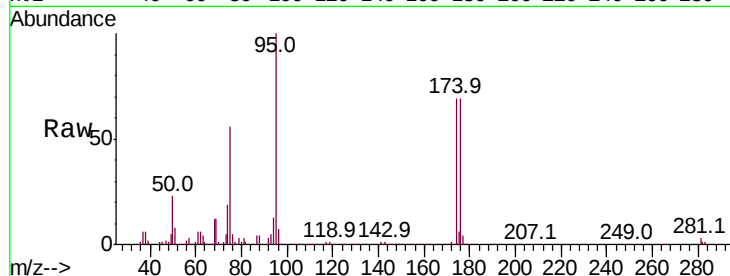
ClientSampleId :

Tot Ion: 75 Resp: 76449

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.701 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011882.D

Acq: 13 Aug 2019 05:54

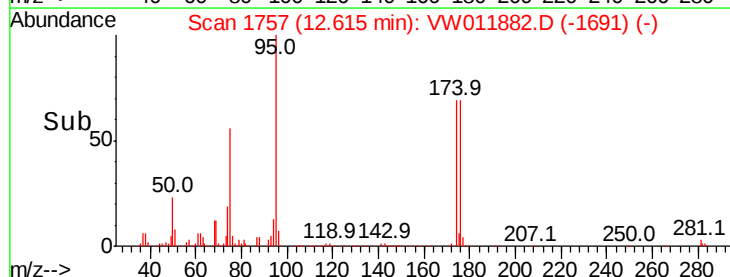
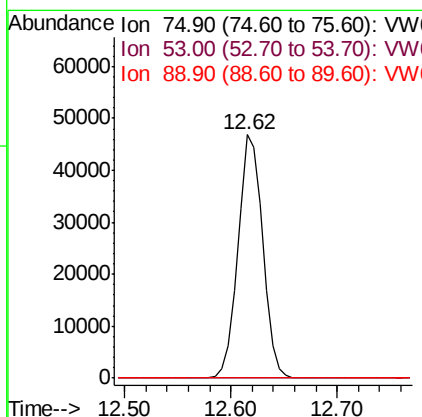
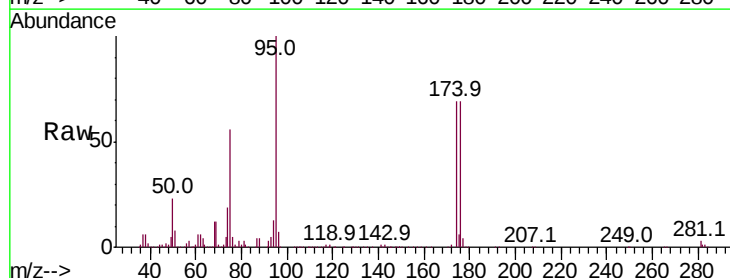
Tgt Ion: 75 Resp: 76449

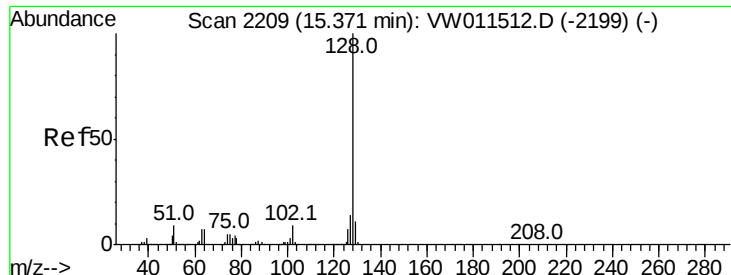
Ion Ratio Lower Upper

75 100

53 0.2 88.0 132.0#

89 0.1 35.3 52.9#





#95

Naphthalene

Concen: 2.156 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011882.D

Acq: 13 Aug 2019 05:54

Instrument :

MSVOA_W

ClientSampleId :

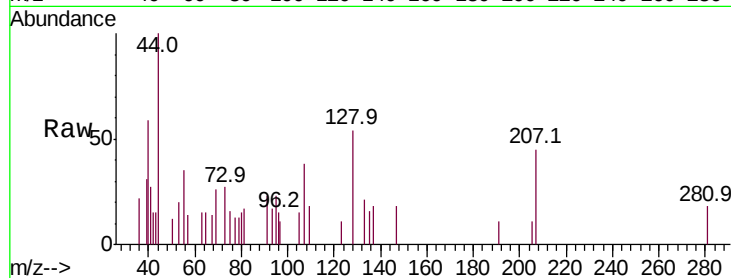
Tot Ion:128 Resp: 457

Ion Ratio Lower Upper

128 100

127 0.0 10.6 16.0#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

