

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
 Data File : VW012571.D
 Acq On : 04 Sep 2019 03:06
 Operator : SY/VA
 Sample : K4525-05
 Misc : 6.85G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A4-(0)

Quant Time: Sep 04 06:53:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

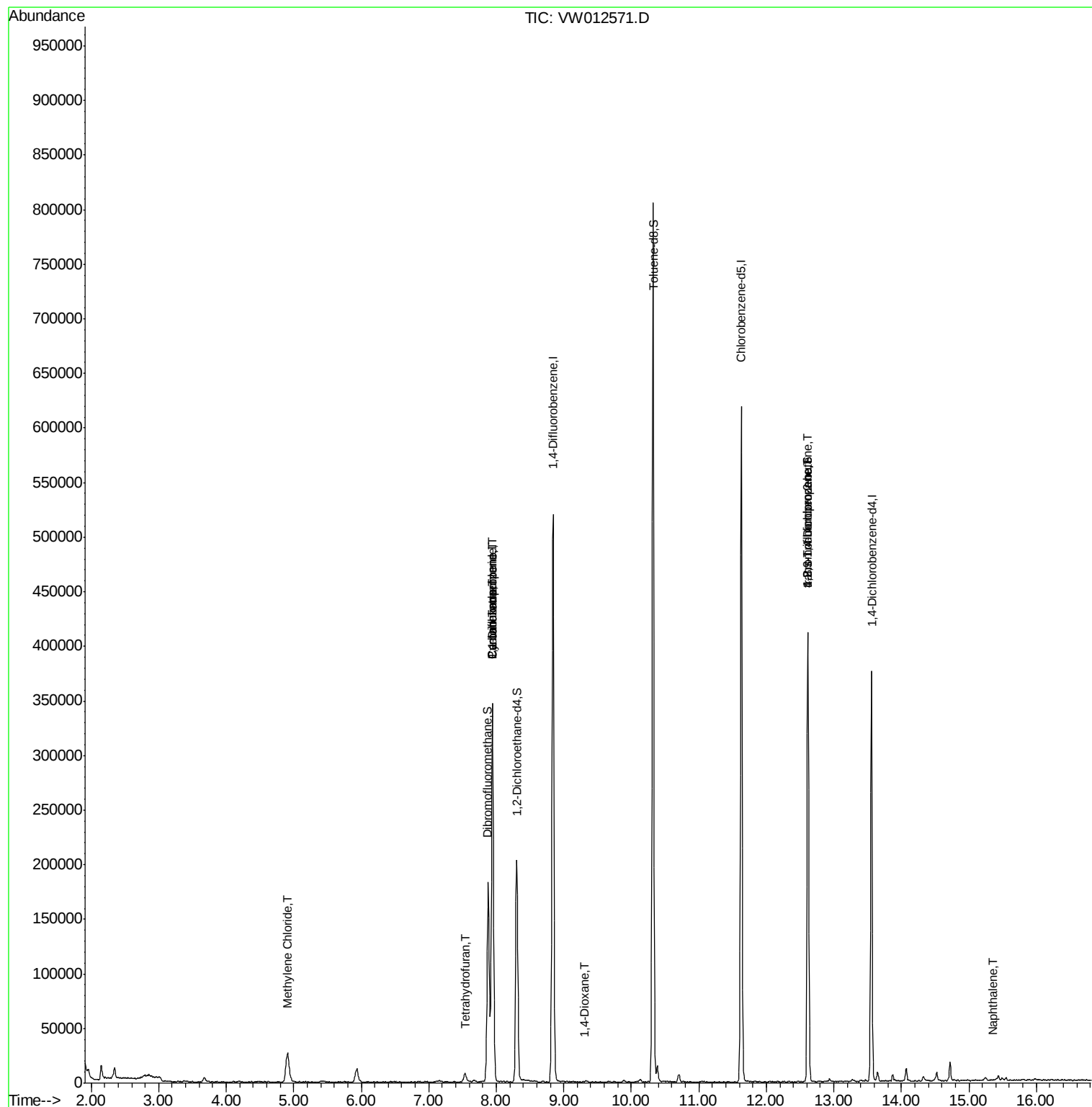
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	94359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	169144	56.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.48%	
35) Dibromofluoromethane	7.88	113	129612	53.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.64%	
50) Toluene-d8	10.32	98	503592	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	130051	37.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.86%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.91	84	19166	6.653	ug/l	89
29) Tetrahydrofuran	7.54	42	6604	10.630	ug/l	93
31) Cyclohexane	7.94	56	6769	1.261	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20740	4.928	ug/l #	52
38) Carbon Tetrachloride	7.95	117	25105	6.892	ug/l #	16
49) 1,4-Dioxane	9.31	88	44	2.089	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	70945	77.199	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70945	169.261	ug/l #	6
95) Naphthalene	15.36	128	551	4.463	ug/l #	74

(#) = 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# 991

Delta R.T. -0.00 min

Lab File: VW012571.D

Acq: 04 Sep 2019 03:06

Instrument :

MSVOA_W

ClientSampleId :

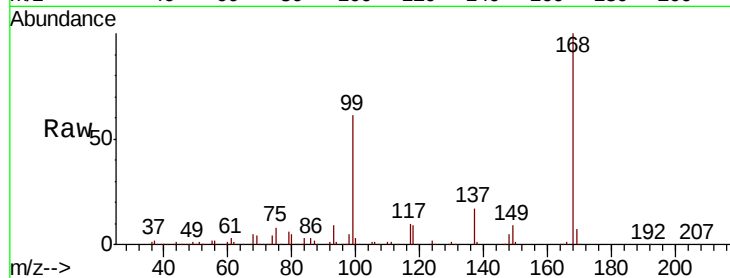
T9-12-13-A4-(0)

Tgt Ion:168 Resp: 250763

Ion Ratio Lower Upper

168 100

99 61.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

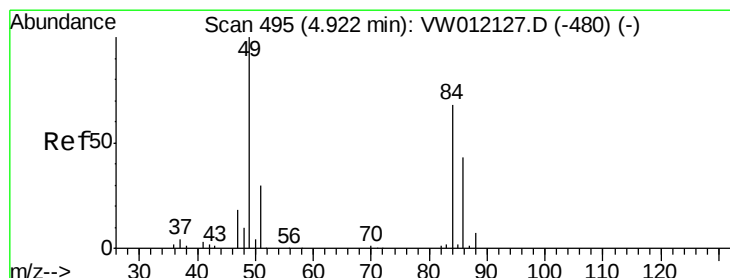
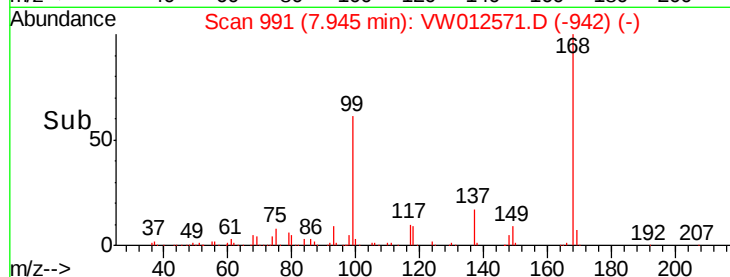
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.653 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012571.D

Acq: 04 Sep 2019 03:06

Tgt Ion: 84 Resp: 19166

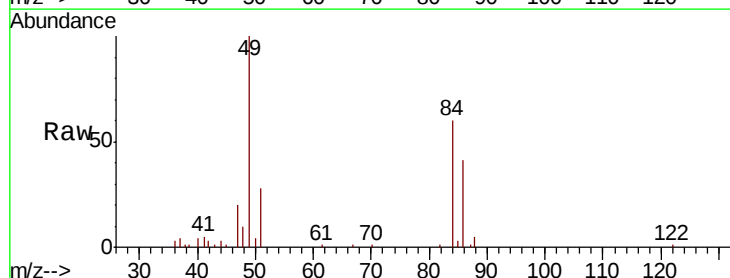
Ion Ratio Lower Upper

84 100

49 167.1 117.8 176.8

51 47.3 35.6 53.4

86 68.0 51.2 76.8



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

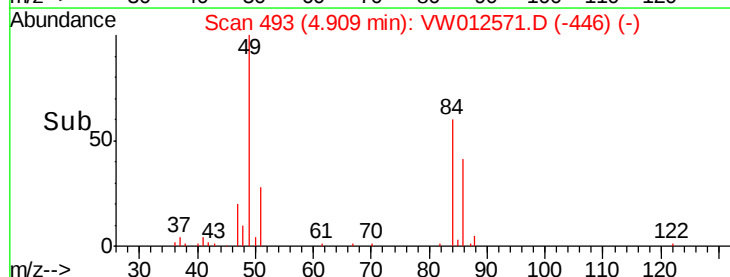
Ion 85.90 (85.60 to 86.60): VW

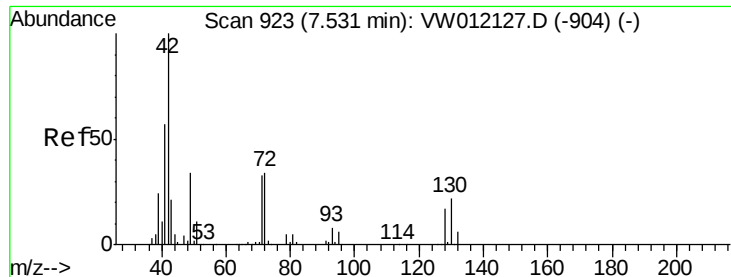
10000

5000

0

Time--> 4.80 4.90 5.00

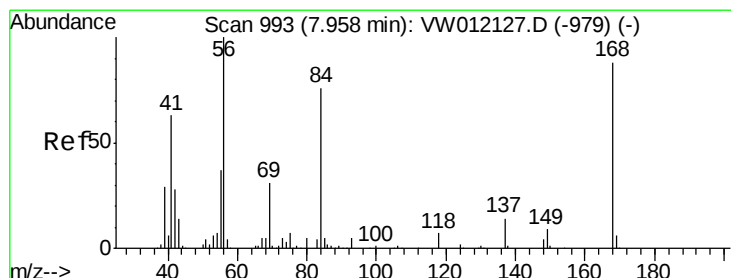
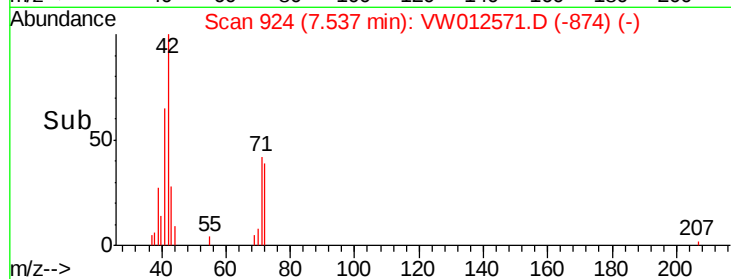
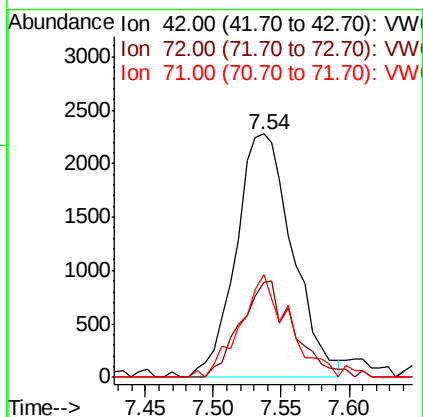
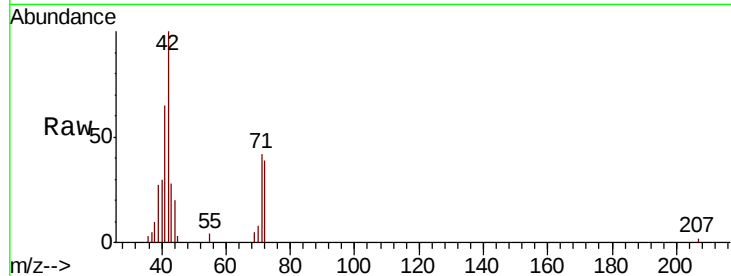




#29
Tetrahydrofuran
Concen: 10.630 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

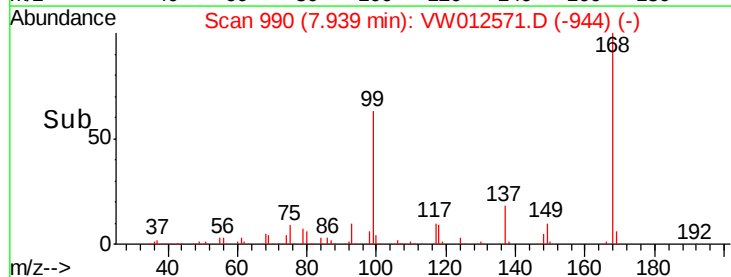
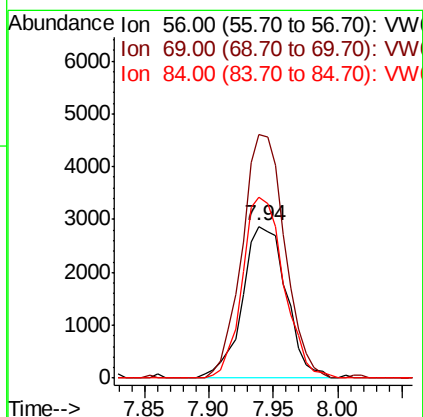
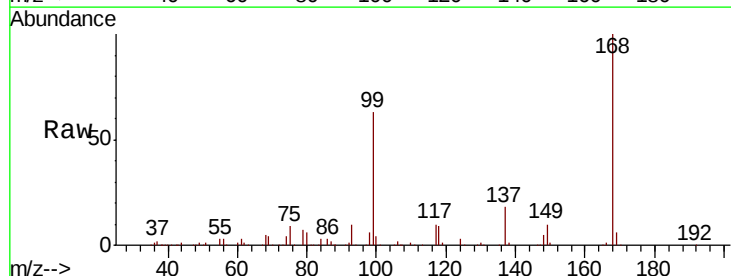
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A4-(0)

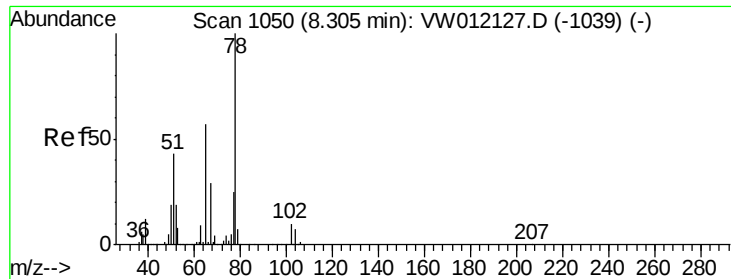
Tgt Ion: 42 Resp: 6604
Ion Ratio Lower Upper
42 100
72 37.4 27.3 40.9
71 36.2 25.5 38.3



#31
Cyclohexane
Concen: 1.261 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

Tgt Ion: 56 Resp: 6769
Ion Ratio Lower Upper
56 100
69 160.1 24.9 37.3#
84 118.6 60.6 90.8#

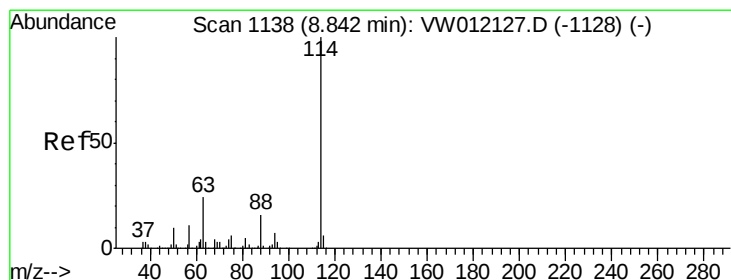
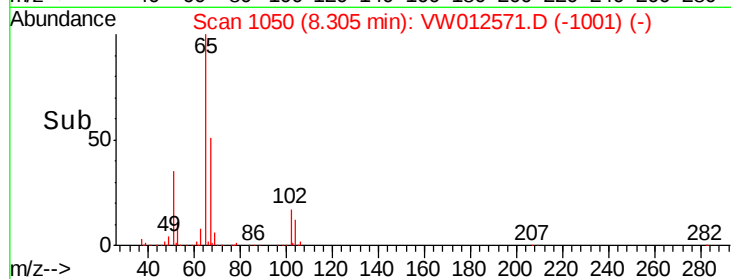
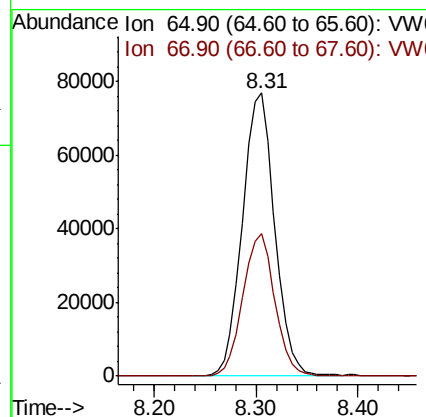
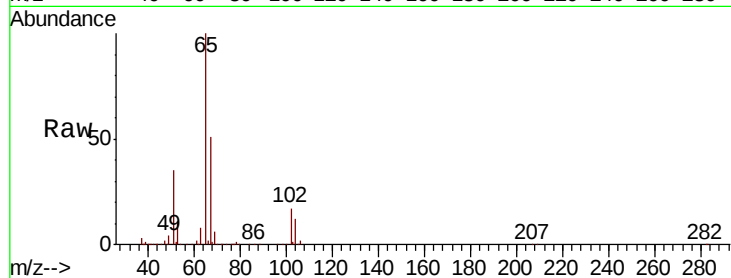




#33
 1,2-Dichloroethane-d4
 Concen: 56.741 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012571.D
 Acq: 04 Sep 2019 03:06

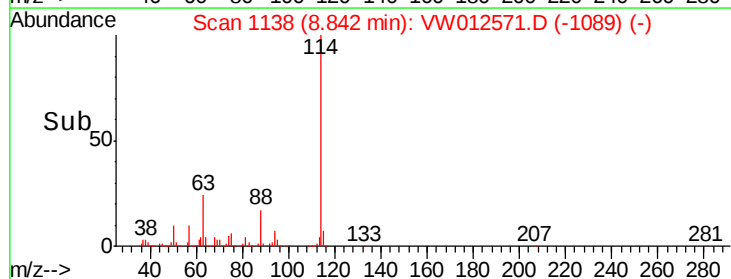
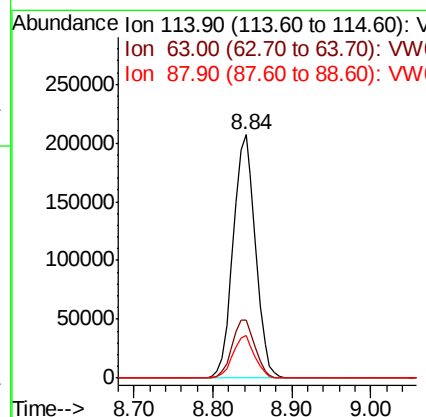
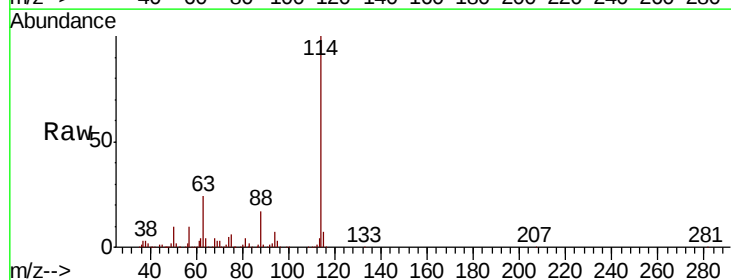
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A4-(0)

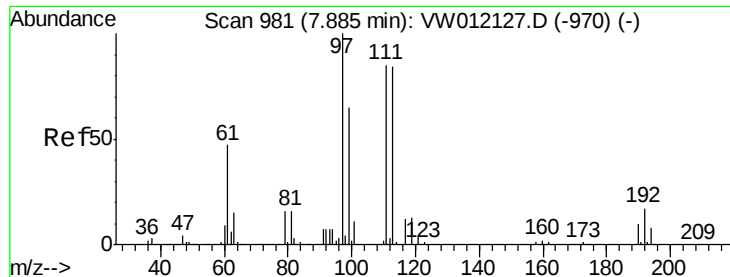
Tgt Ion: 65 Resp: 169144
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012571.D
 Acq: 04 Sep 2019 03:06

Tgt Ion: 114 Resp: 407241
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 48.6
 88 17.3 0.0 32.2

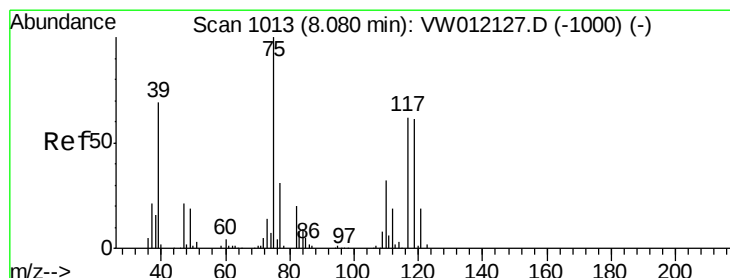
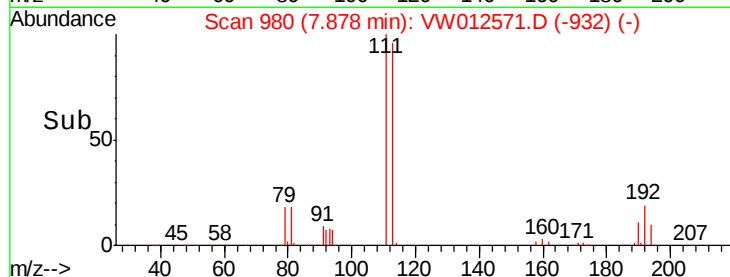
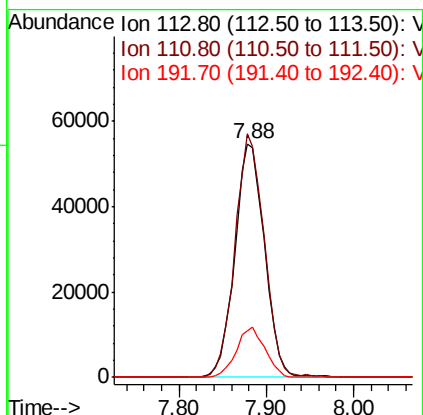
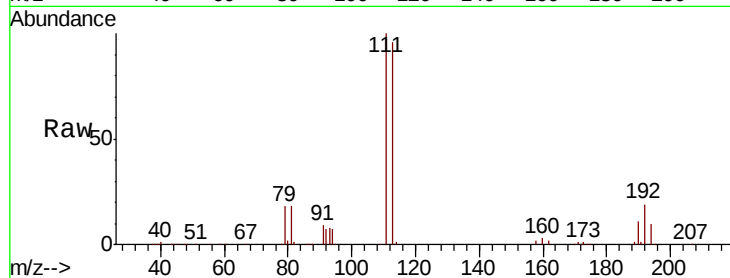




#35
 Dibromofluoromethane
 Concen: 53.320 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012571.D
 Acq: 04 Sep 2019 03:06

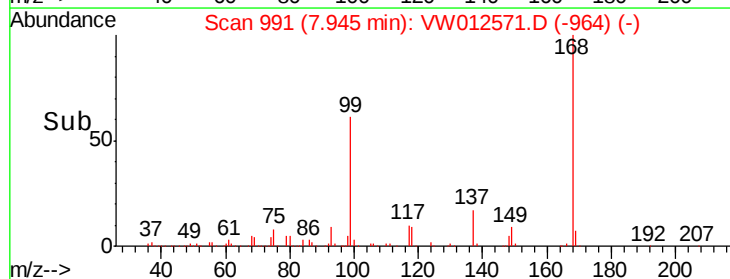
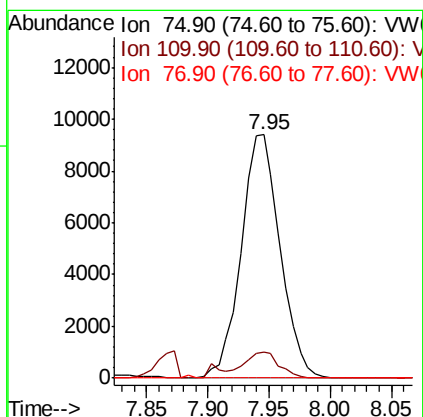
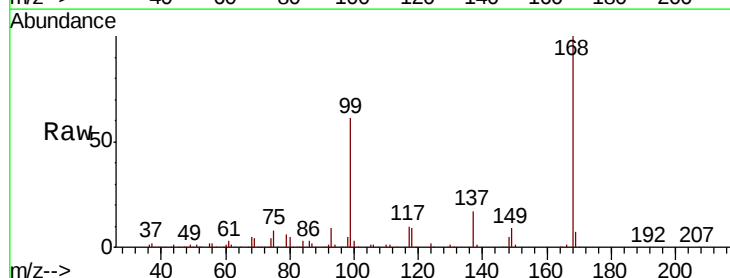
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A4-(0)

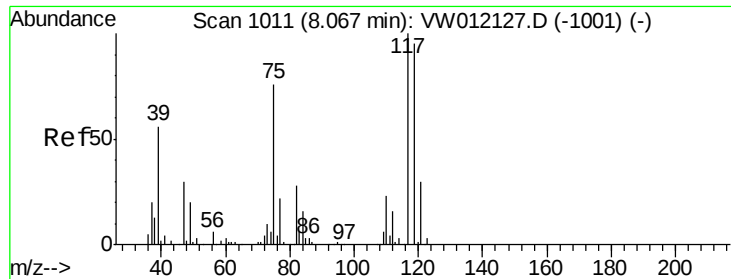
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	20.8	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 4.928 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012571.D
 Acq: 04 Sep 2019 03:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	15.6	46.8#
77	0.0	24.6	36.8#

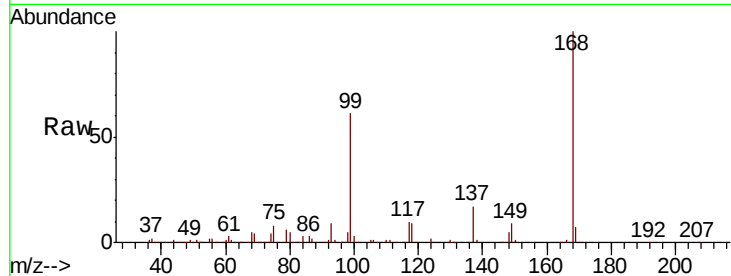




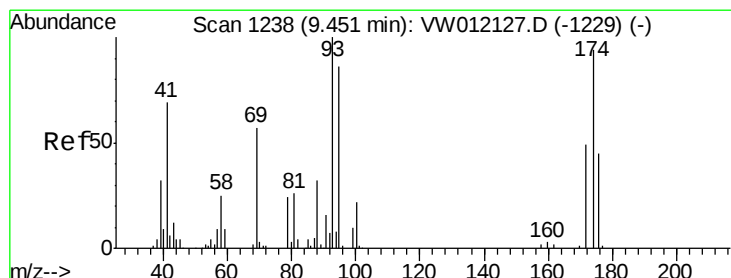
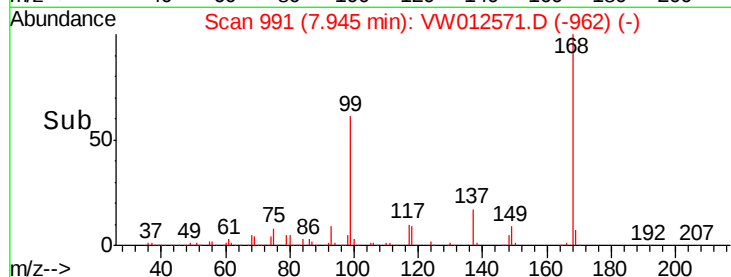
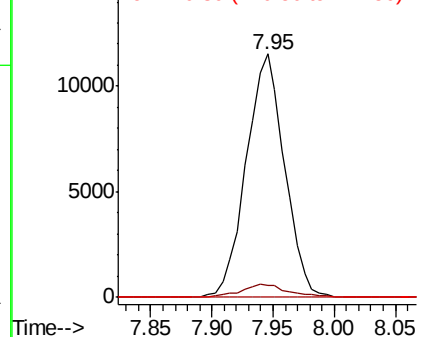
#38
Carbon Tetrachloride
Concen: 6.892 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A4-(0)

Tgt Ion: 117 Resp: 25105
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 23.8 35.8#

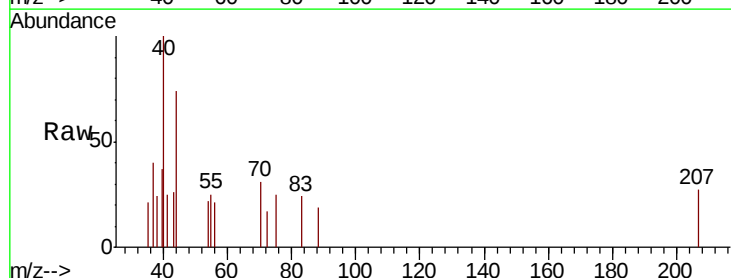


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

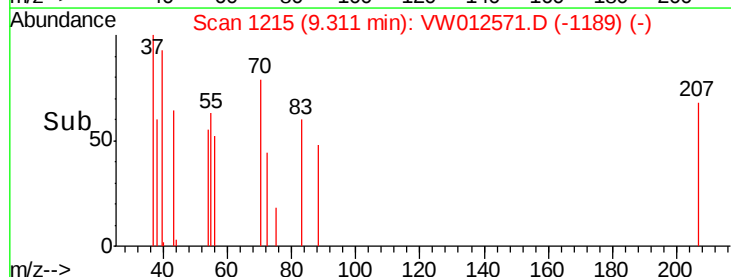
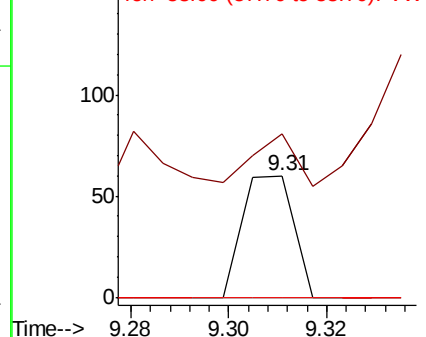


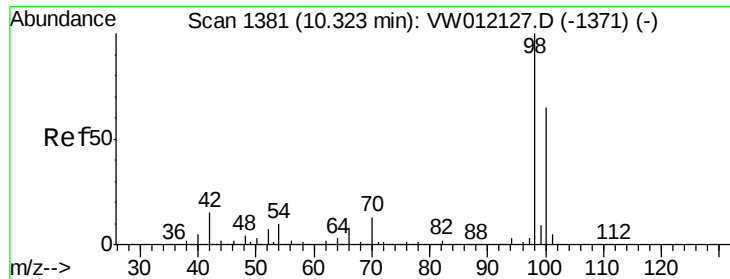
#49
1,4-Dioxane
Concen: 2.089 ug/l
RT: 9.31 min Scan# 1215
Delta R.T. -0.14 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 170.5 32.9 49.3#
58 0.0 71.0 106.4#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 51.093 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012571.D

Acq: 04 Sep 2019 03:06

Instrument :

MSVOA_W

ClientSampleId :

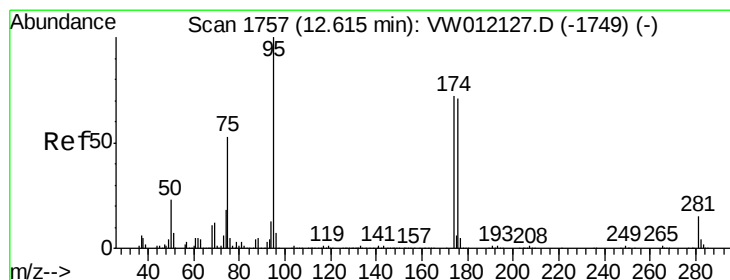
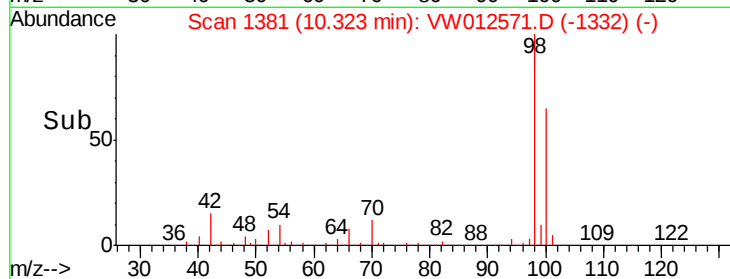
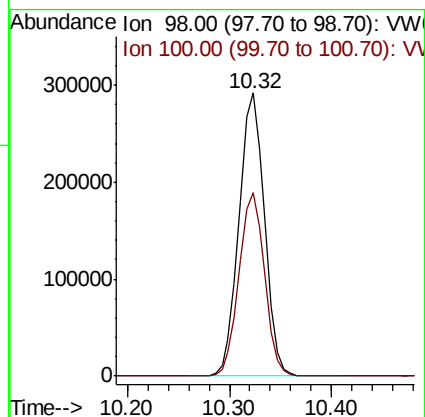
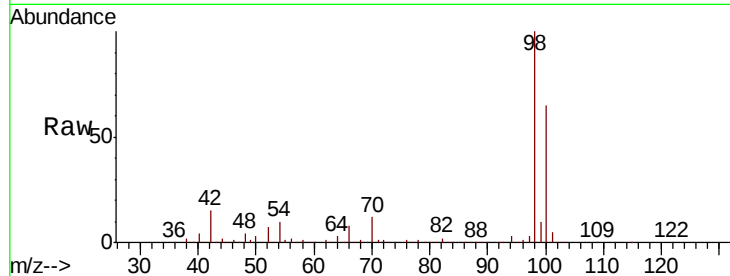
T9-12-13-A4-(0)

Tgt Ion: 98 Resp: 503592

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 37.432 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012571.D

Acq: 04 Sep 2019 03:06

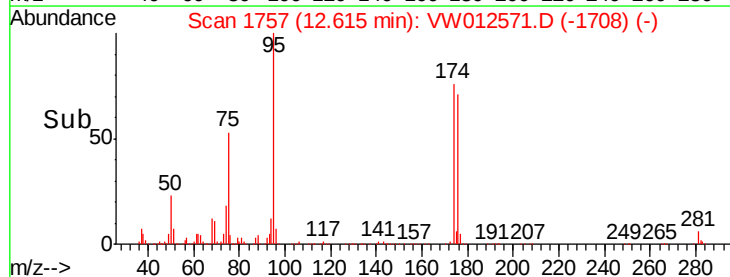
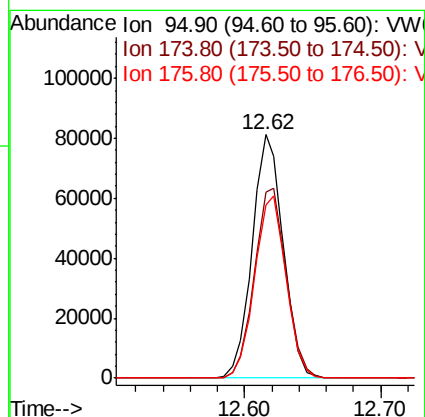
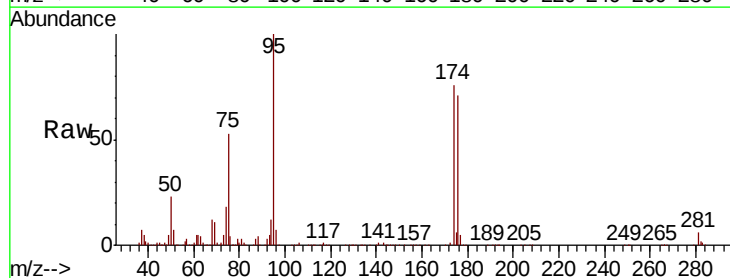
Tgt Ion: 95 Resp: 130051

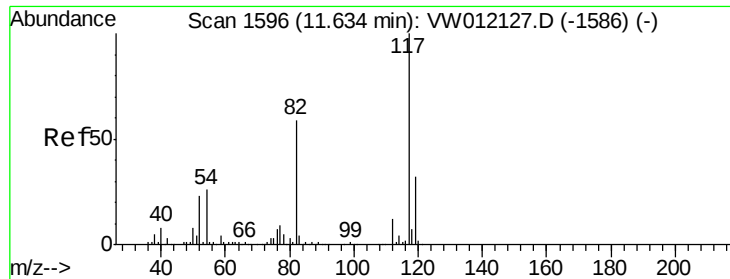
Ion Ratio Lower Upper

95 100

174 80.1 0.0 150.8

176 76.1 0.0 148.6

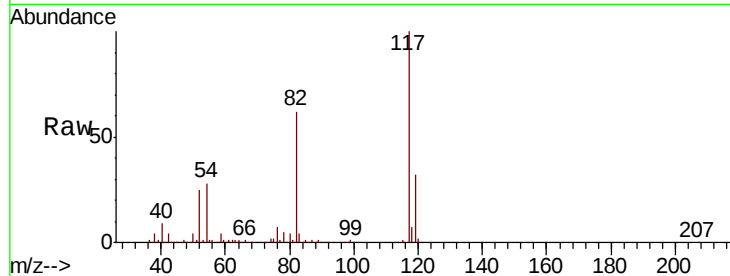




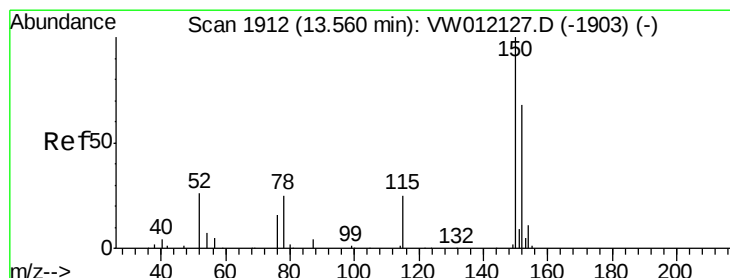
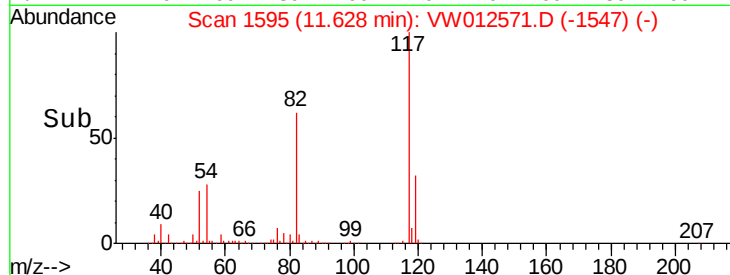
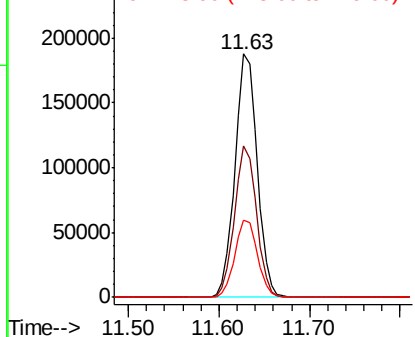
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A4-(0)

Tgt Ion:117 Resp: 319572
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 31.8 25.4 38.2

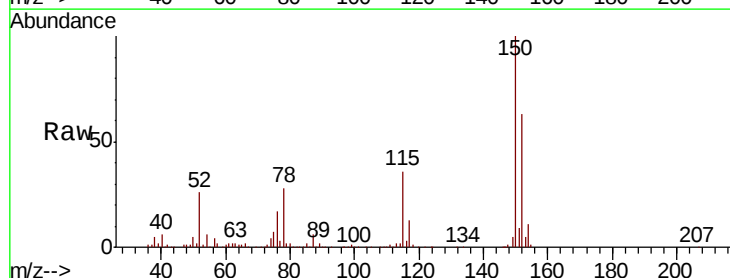


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

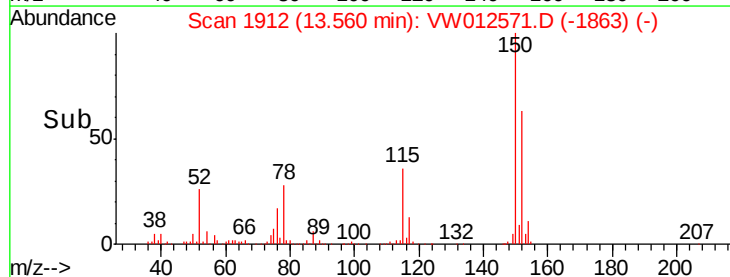
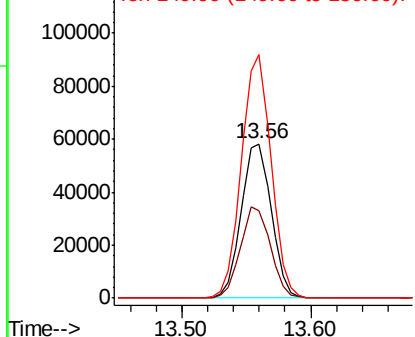


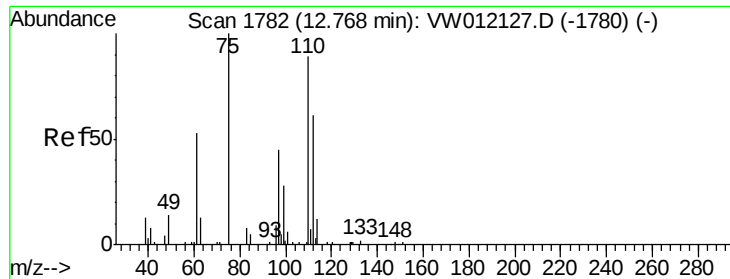
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012571.D
Acq: 04 Sep 2019 03:06

Tgt Ion:152 Resp: 94359
Ion Ratio Lower Upper
152 100
115 58.7 30.1 90.3
150 155.2 0.0 345.8



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

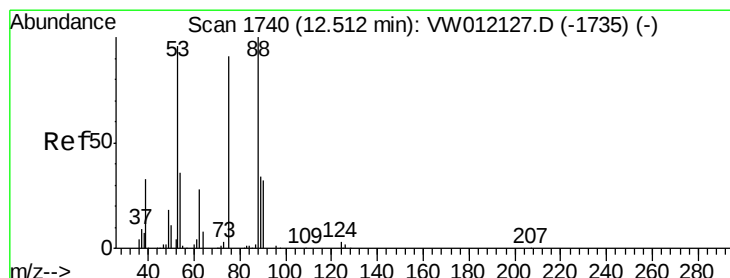
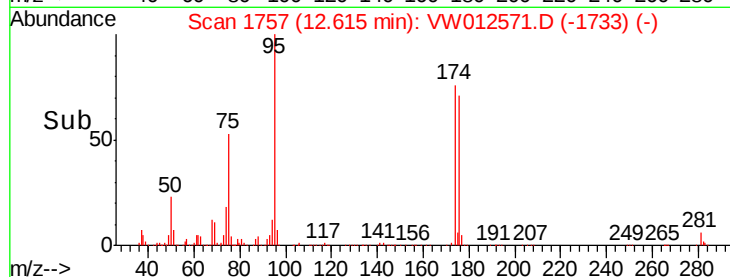
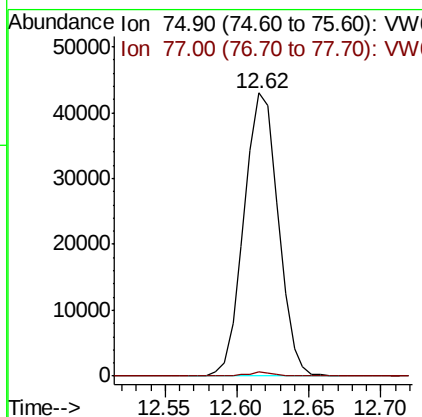
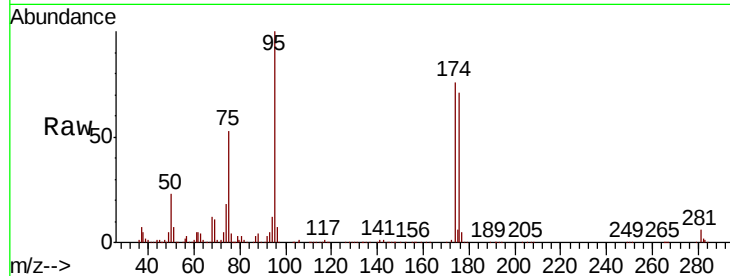




#76
 1,2,3-Trichloropropane
 Concen: 77.199 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012571.D
 Acq: 04 Sep 2019 03:06

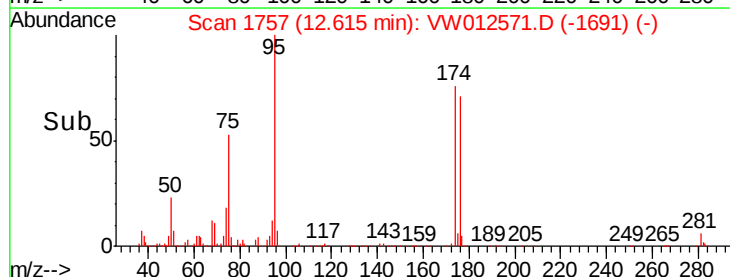
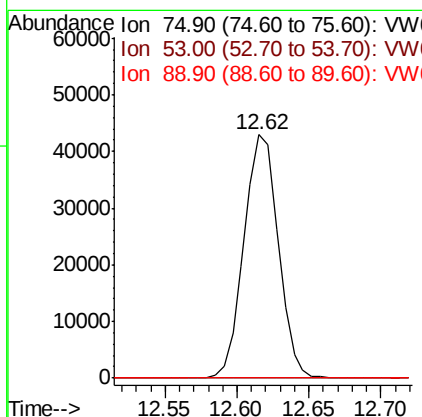
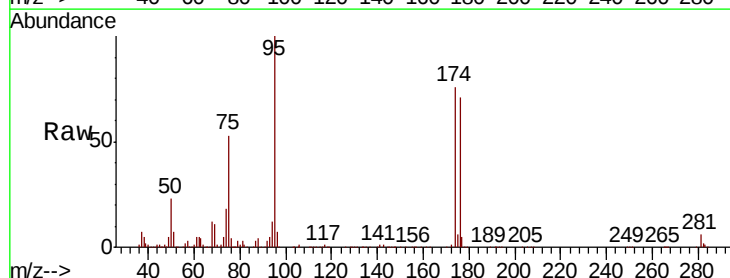
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A4-(0)

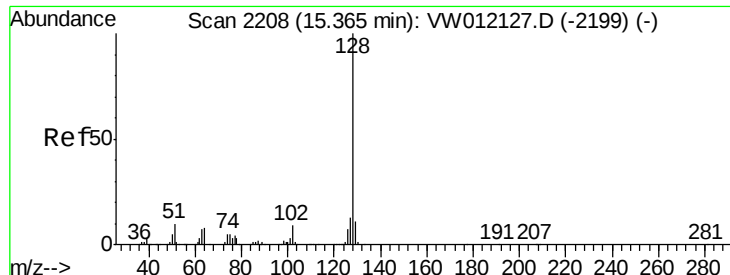
Tgt Ion: 75 Resp: 70945
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 169.261 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012571.D
 Acq: 04 Sep 2019 03:06

Tgt Ion: 75 Resp: 70945
 Ion Ratio Lower Upper
 75 100
 53 0.2 89.4 134.0#
 89 0.1 34.5 51.7#





#95

Naphthalene

Concen: 4.463 ug/l

RT: 15.36 min Scan# 2207

Delta R.T. -0.01 min

Lab File: VW012571.D

Acq: 04 Sep 2019 03:06

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A4-(0)

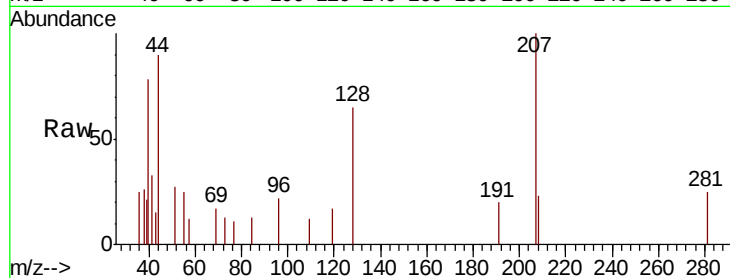
Tgt Ion:128 Resp: 551

Ion Ratio Lower Upper

128 100

127 3.6 10.7 16.1#

129 0.0 8.7 13.1#



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

