

Data File : VW013126.D
Acq On : 18 Sep 2019 20:46
Operator : SY/VA
Sample : K4942-09
Misc : 4.88G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-5

Quant Time: Sep 19 07:58:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	333571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	494170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	399739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	164192	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	147306	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	7.88	113	139822	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
50) Toluene-d8	10.32	98	568600	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
62) 4-Bromofluorobenzene	12.62	95	165087	43.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.52%	

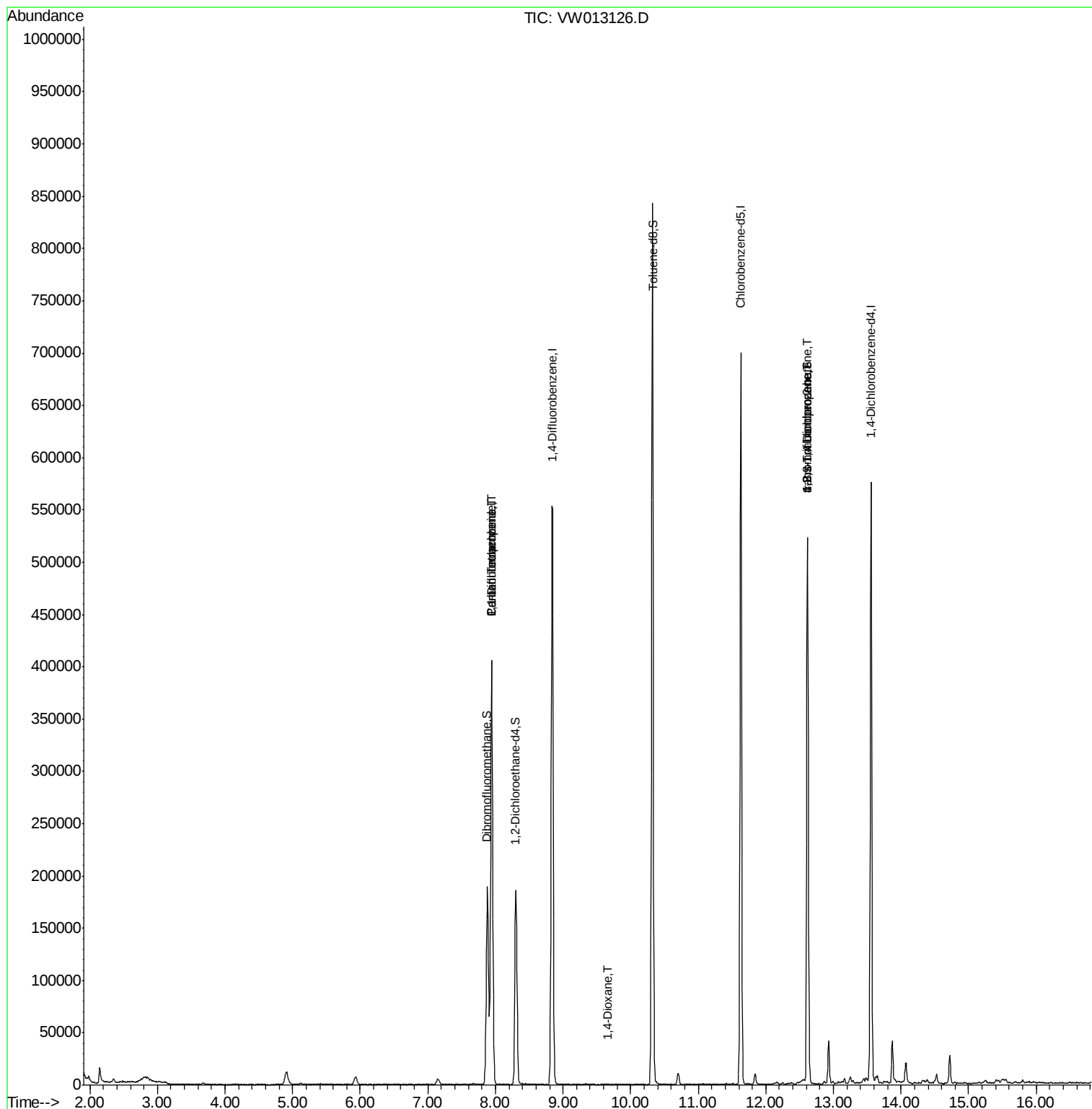
Target Compounds			Qvalue				
3) Chloromethane	2.20	50	230	Below Cal	#	41	
11) Tert butyl alcohol	5.10	59	526	Below Cal	#	72	
13) Acrolein	4.06	56	23	Below Cal	#	15	
16) Acetone	4.14	43	686	Below Cal	#	78	
20) Methylene Chloride	4.90	84	10523	Below Cal		91	
26) 2,2-Dichloropropane	7.12	77	179	Below Cal	#	55	
31) Cyclohexane	7.94	56	5827	Below Cal	#	1	
36) 1,1-Dichloropropene	7.95	75	23018	5.829	ug/l #	51	
38) Carbon Tetrachloride	7.95	117	29309	7.243	ug/l #	15	
49) 1,4-Dioxane	9.66	88	25	1.063	ug/l #	12	
76) 1,2,3-Trichloropropane	12.62	75	80903	56.253	ug/l #	100	
81) trans-1,4-Dichloro-2-buten	12.62	75	80903	127.609	ug/l #	7	

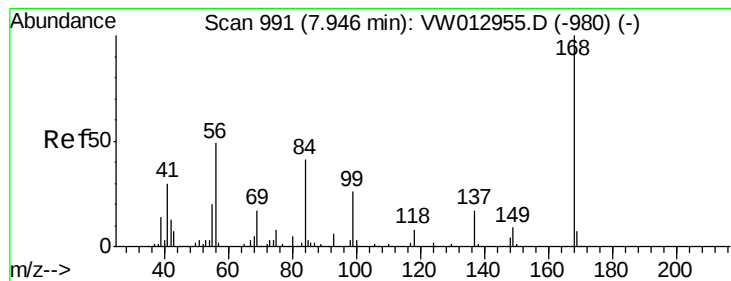
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013126.D

Acq: 18 Sep 2019 20:46

Instrument :

MSVOA_W

ClientSampled :

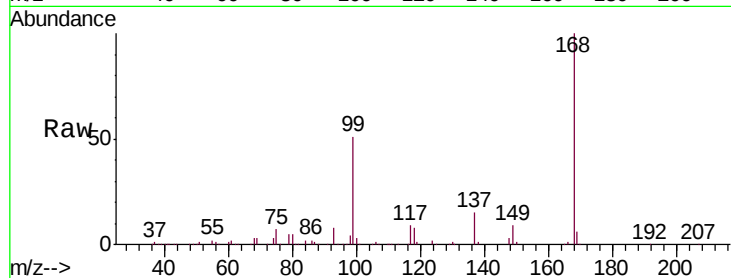
TP-5

Tgt Ion:168 Resp: 333571

Ion Ratio Lower Upper

168 100

99 50.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

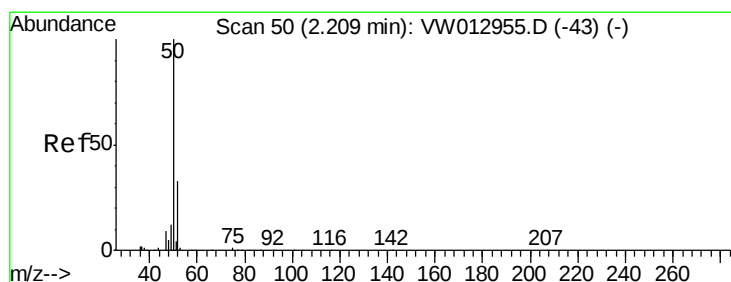
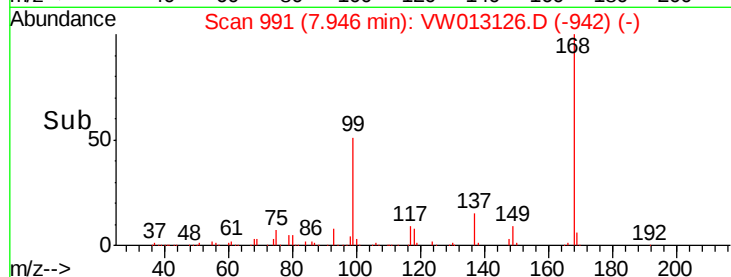
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VW013126.D

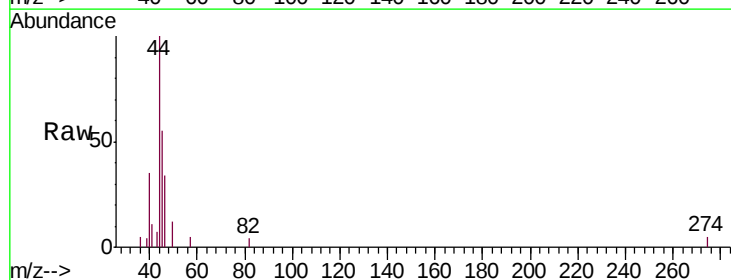
Acq: 18 Sep 2019 20:46

Tgt Ion: 50 Resp: 230

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.20

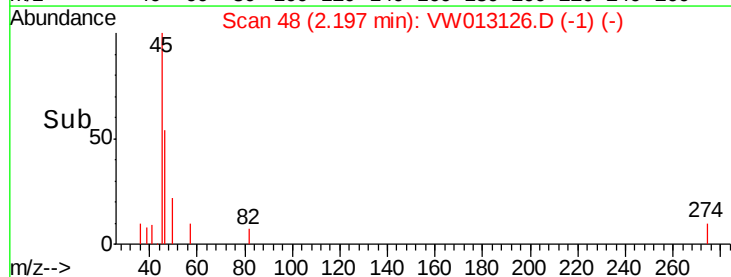
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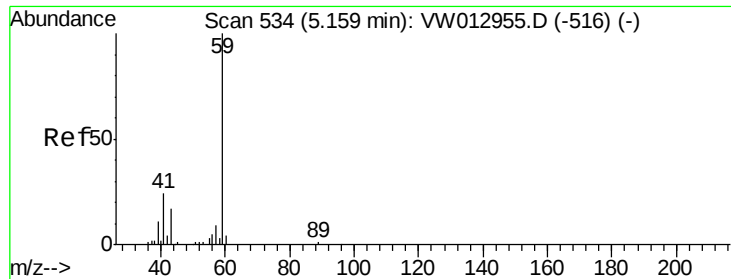
100

50

0

Time-->

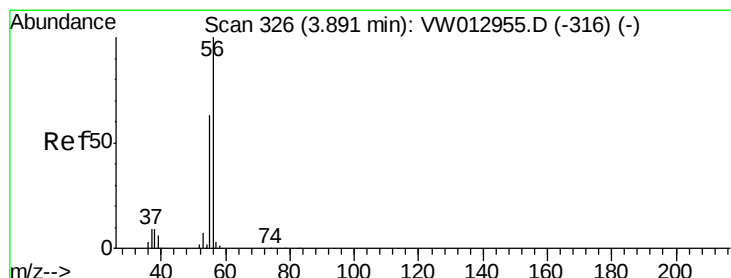
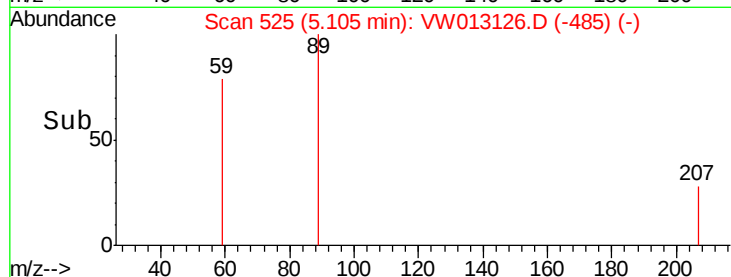
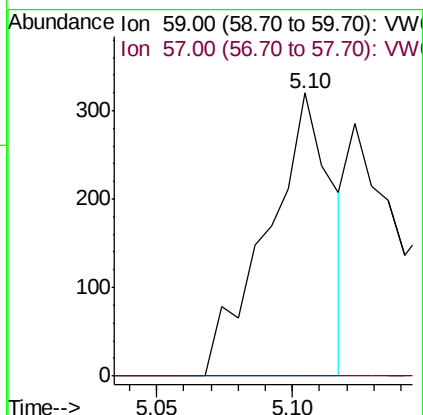
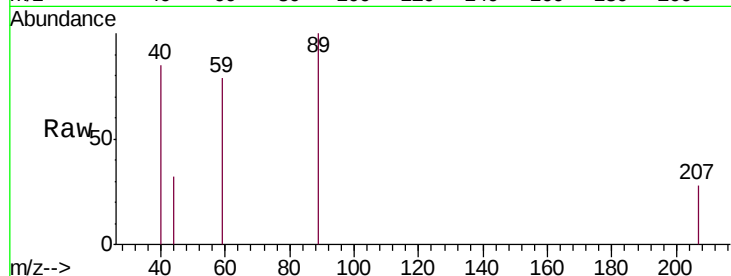




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.10 min Scan# 525
Delta R.T. -0.05 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

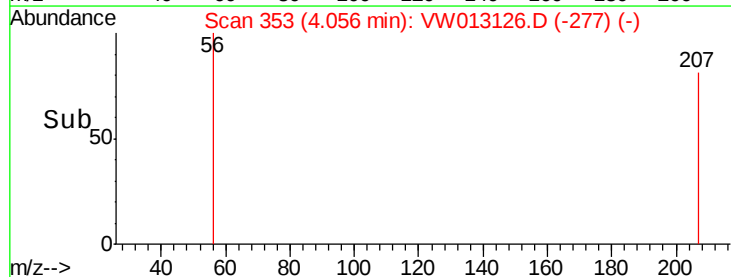
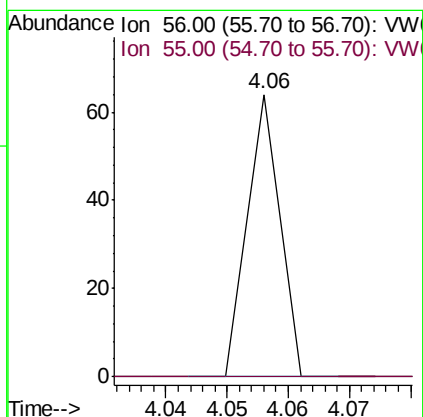
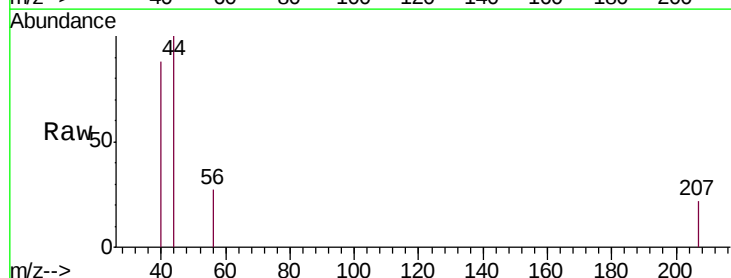
Instrument :
MSVOA_W
ClientSampled :
TP-5

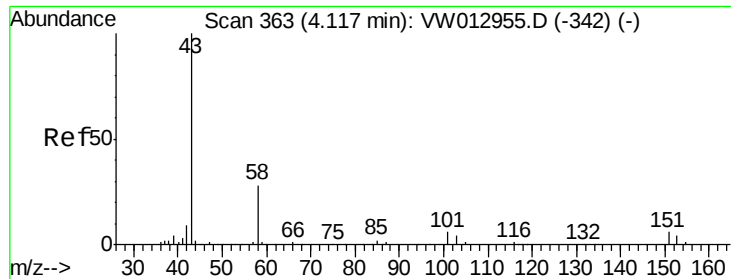
Tgt Ion: 59 Resp: 526
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: Below Cal
RT: 4.06 min Scan# 353
Delta R.T. 0.16 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#

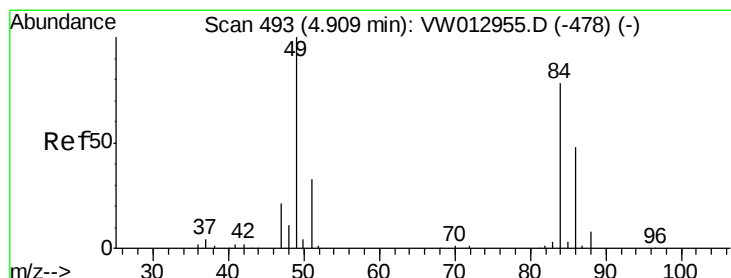
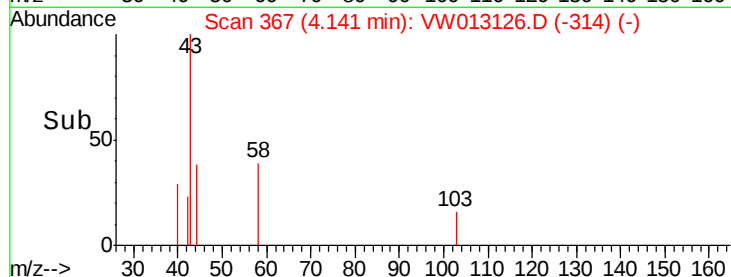
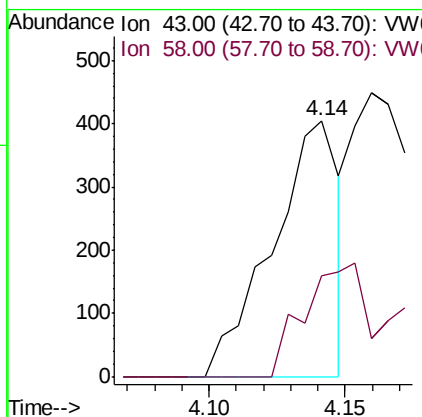
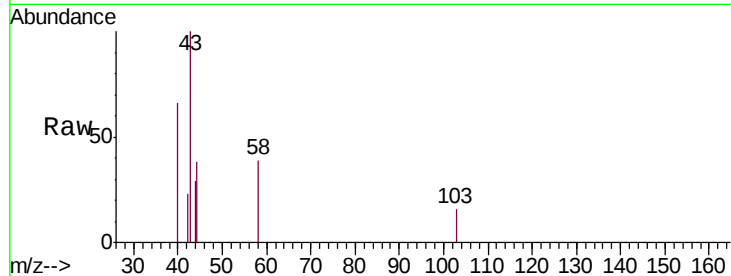




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. 0.03 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

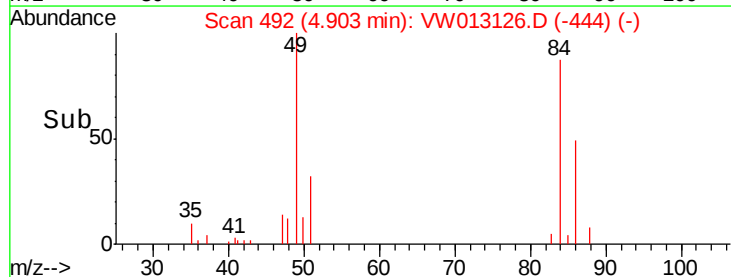
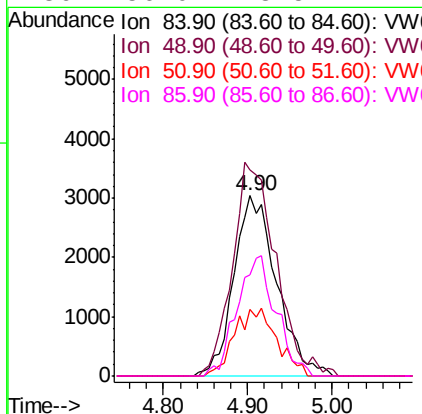
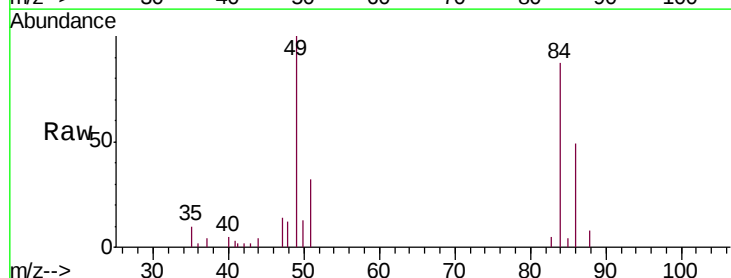
Instrument :
MSVOA_W
ClientSampled :
TP-5

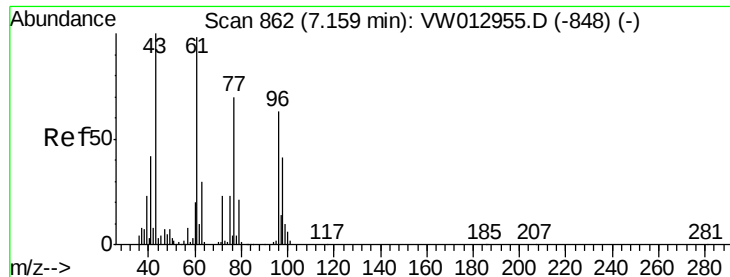
Tgt Ion: 43 Resp: 686
Ion Ratio Lower Upper
43 100
58 39.3 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

Tgt Ion: 84 Resp: 10523
Ion Ratio Lower Upper
84 100
49 114.4 102.0 153.0
51 37.1 34.0 51.0
86 56.0 48.5 72.7





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.12 min Scan# 856

Delta R.T. -0.04 min

Lab File: VW013126.D

Acq: 18 Sep 2019 20:46

Instrument :

MSVOA_W

ClientSampled :

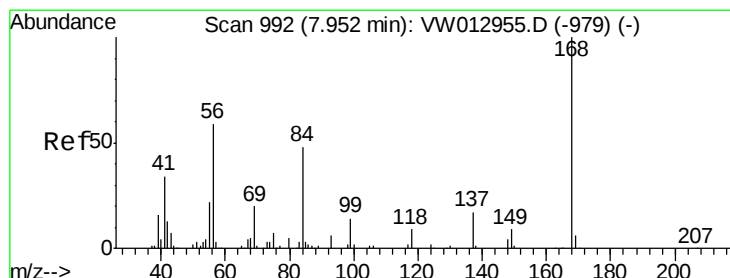
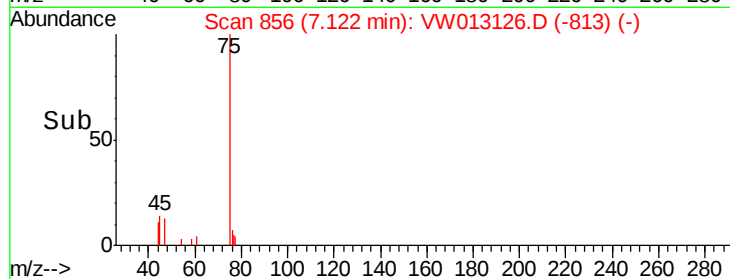
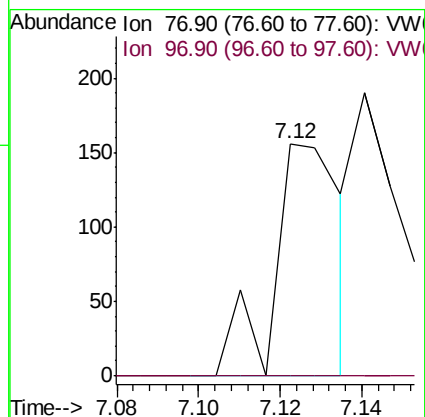
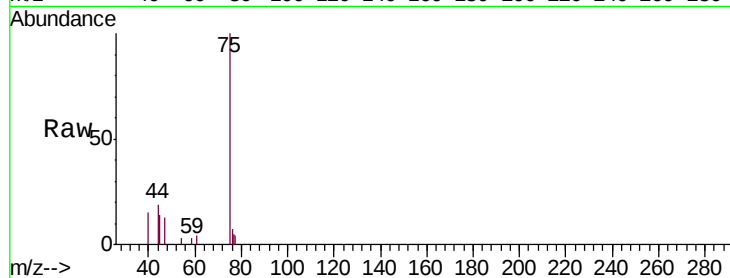
TP-5

Tgt Ion: 77 Resp: 179

Ion Ratio Lower Upper

77 100

97 0.0 10.7 32.1#



#31

Cyclohexane

Concen: Below Cal

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW013126.D

Acq: 18 Sep 2019 20:46

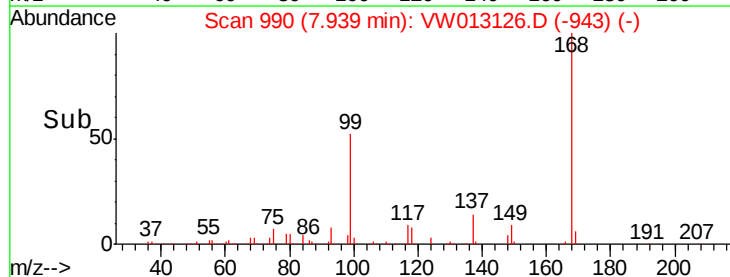
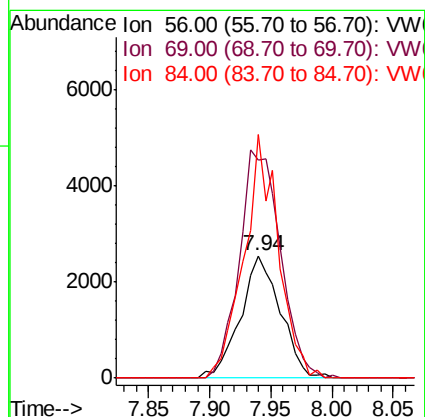
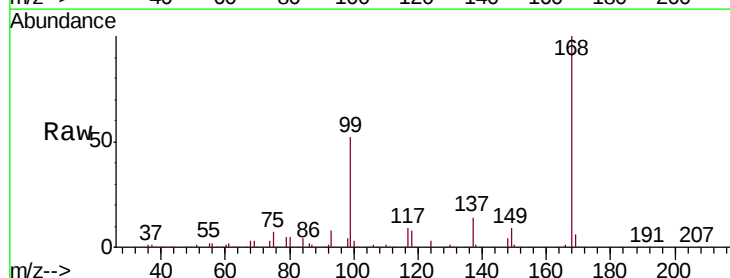
Tgt Ion: 56 Resp: 5827

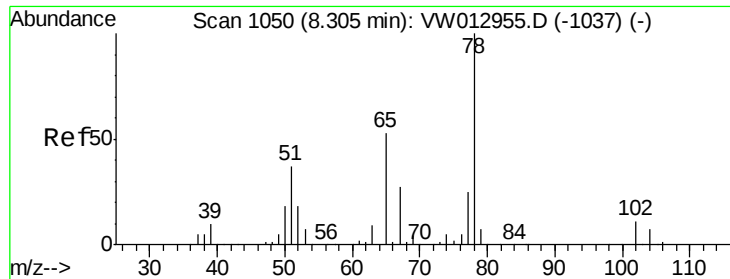
Ion Ratio Lower Upper

56 100

69 178.1 27.0 40.6#

84 198.9 66.2 99.2#

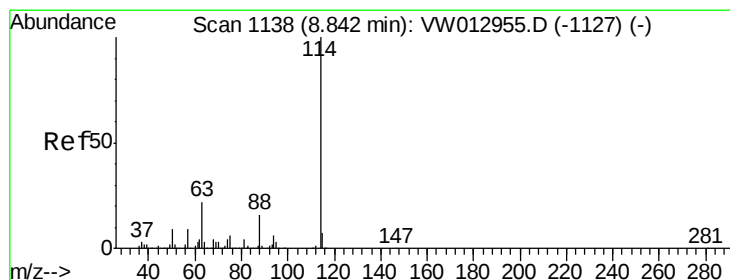
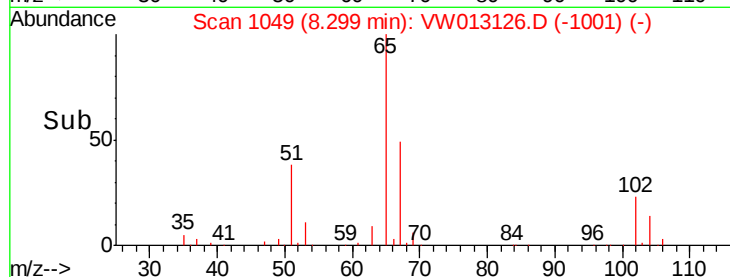
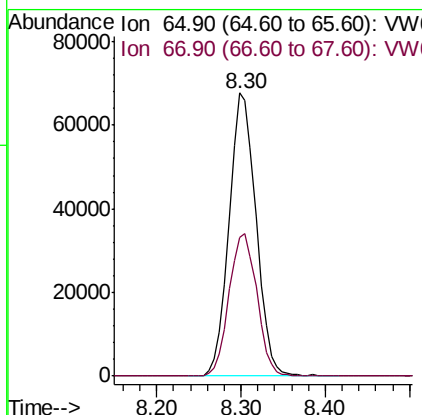
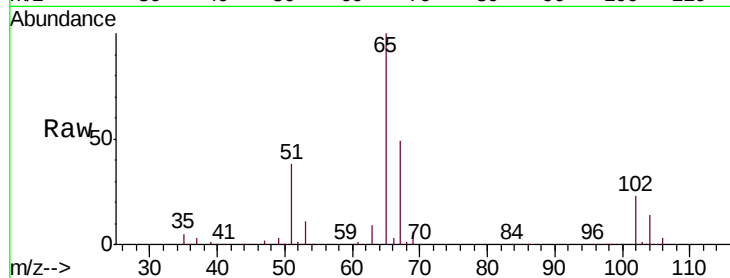




#33
 1,2-Dichloroethane-d4
 Concen: 47.815 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013126.D
 Acq: 18 Sep 2019 20:46

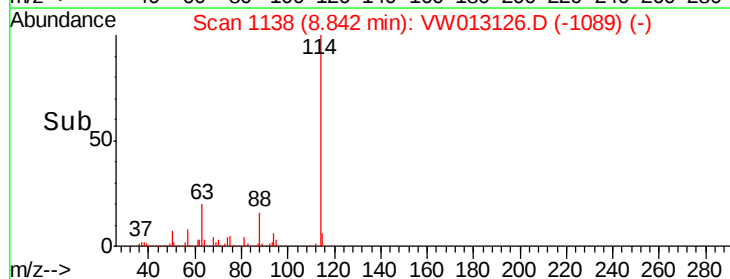
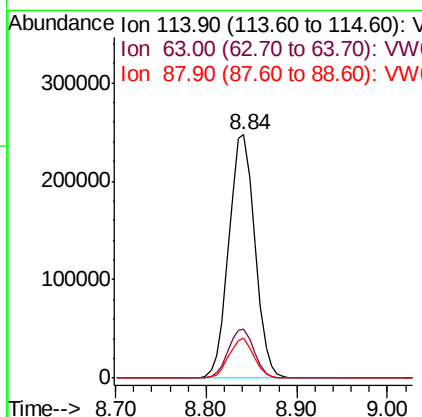
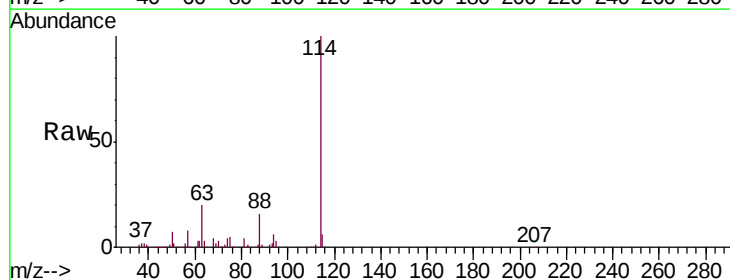
Instrument :
 MSVOA_W
 ClientSampled :
 TP-5

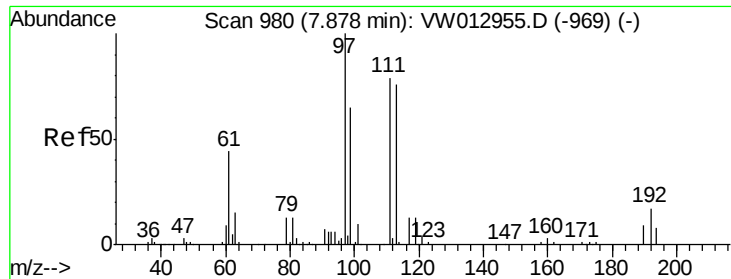
Tgt Ion: 65 Resp: 147306
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013126.D
 Acq: 18 Sep 2019 20:46

Tgt Ion: 114 Resp: 494170
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.4
 88 16.2 0.0 31.6

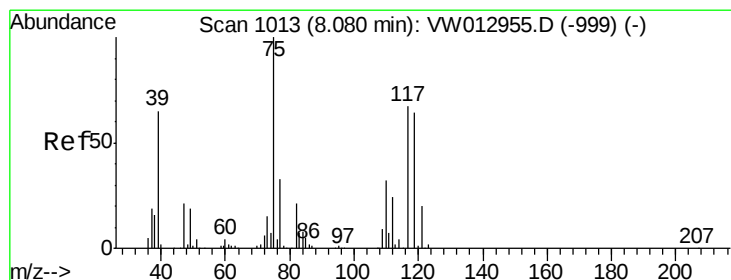
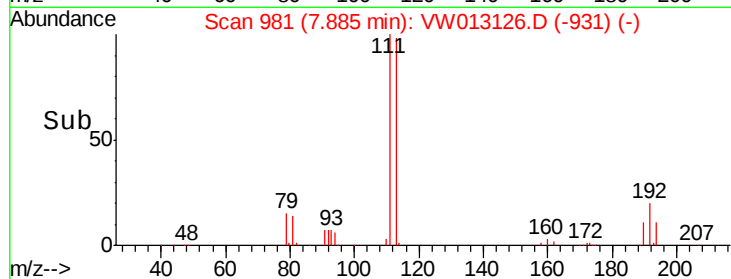
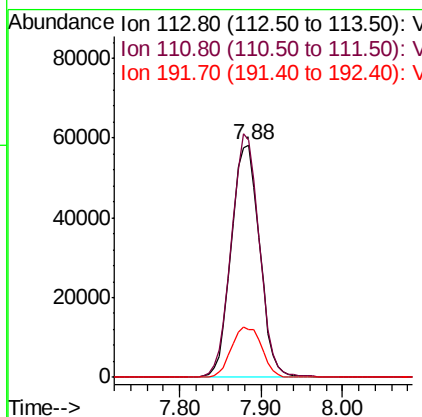
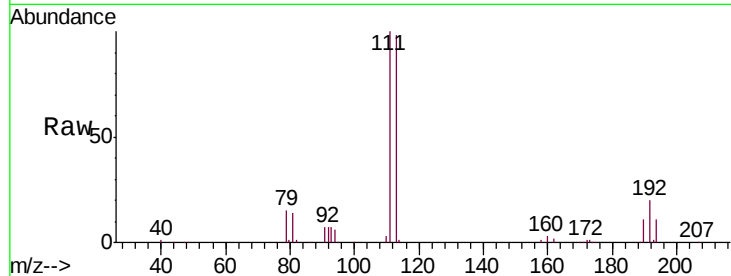




#35
 Dibromofluoromethane
 Concen: 52.145 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013126.D
 Acq: 18 Sep 2019 20:46

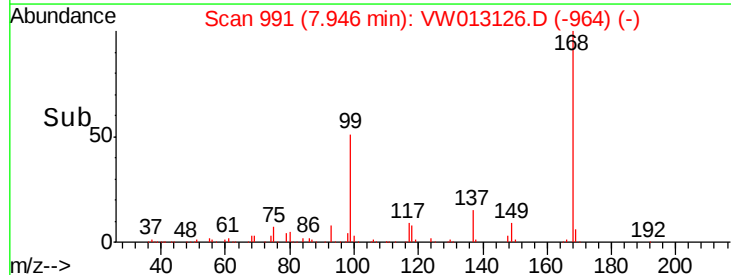
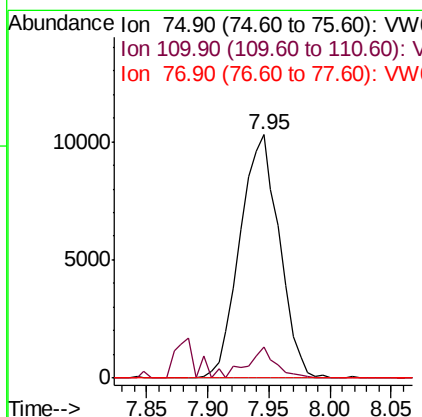
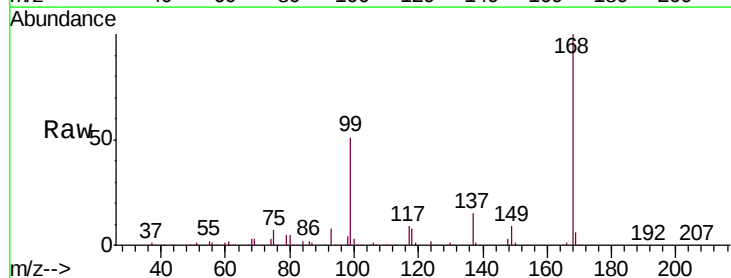
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

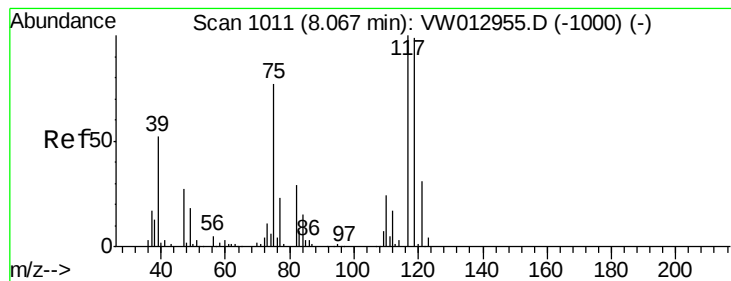
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	23.1	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 5.829 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013126.D
 Acq: 18 Sep 2019 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.4	49.1#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 7.243 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013126.D

Acq: 18 Sep 2019 20:46

Instrument :

MSVOA_W

ClientSampled :

TP-5

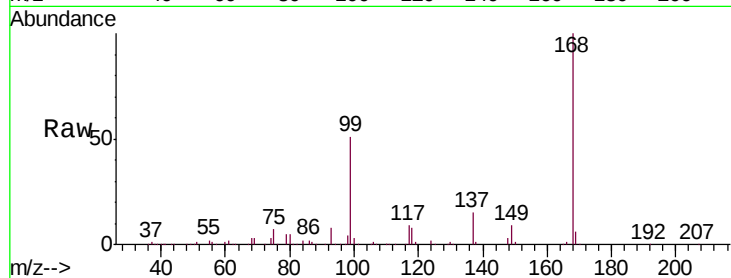
Tgt Ion:117 Resp: 29309

Ion Ratio Lower Upper

117 100

119 5.9 79.4 119.0#

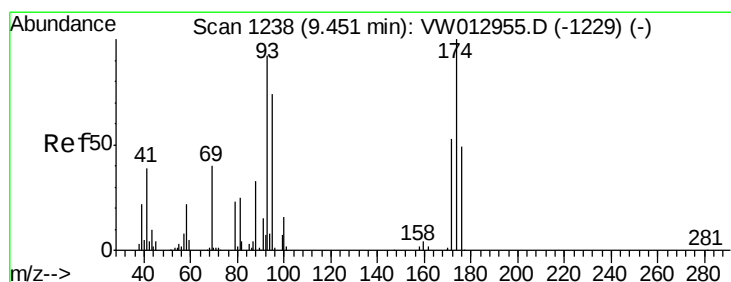
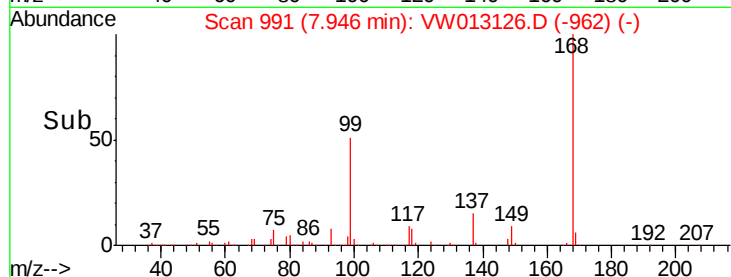
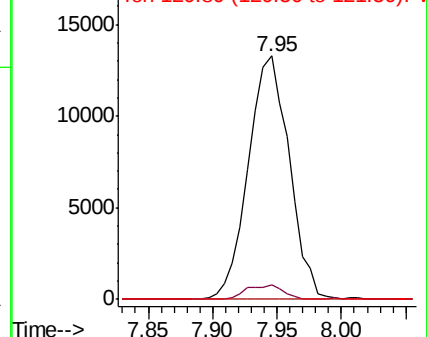
121 0.0 24.6 36.8#



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: 1.063 ug/l

RT: 9.66 min Scan# 1273

Delta R.T. 0.21 min

Lab File: VW013126.D

Acq: 18 Sep 2019 20:46

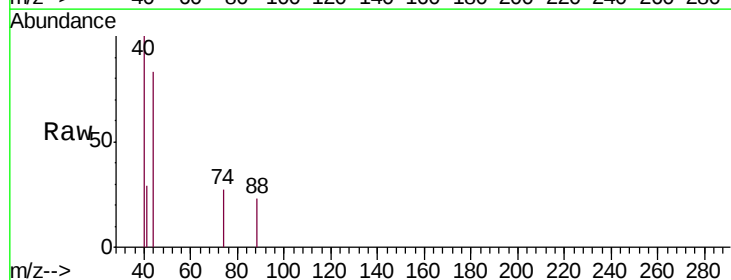
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 92.0 31.3 46.9#

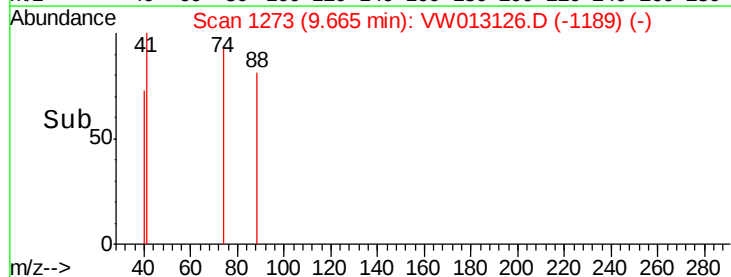
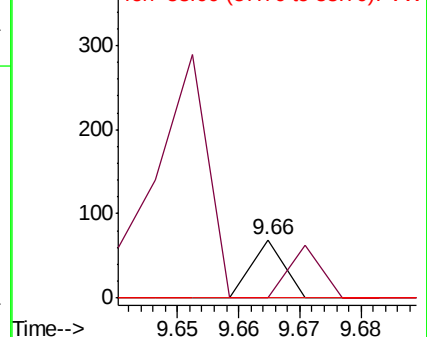
58 0.0 60.2 90.2#

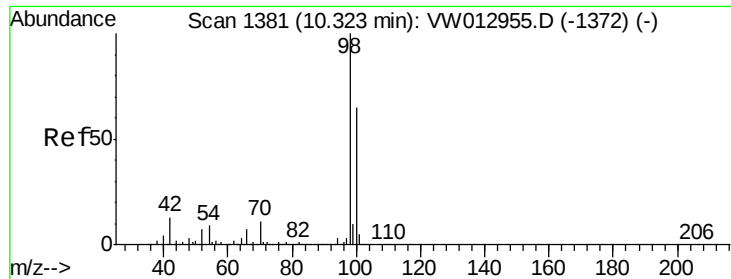


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

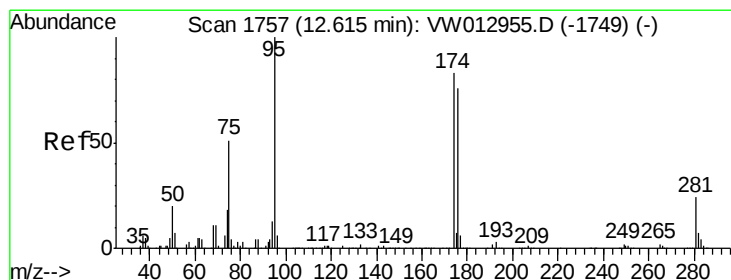
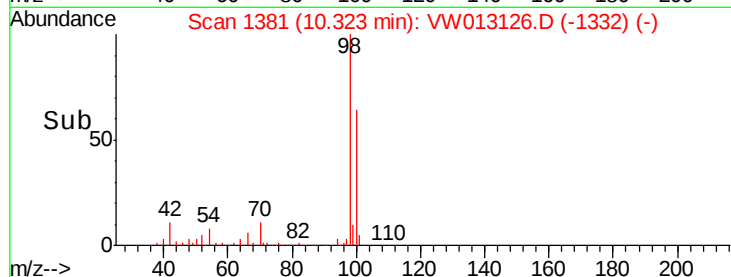
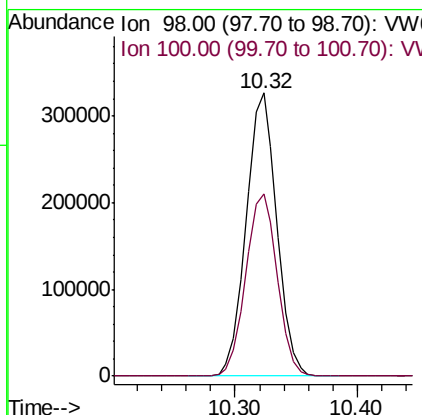
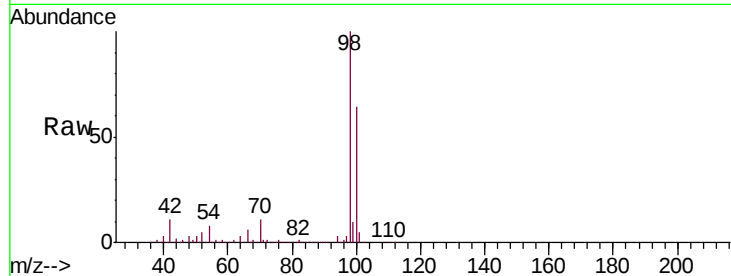




#50
Toluene-d8
Concen: 54.190 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

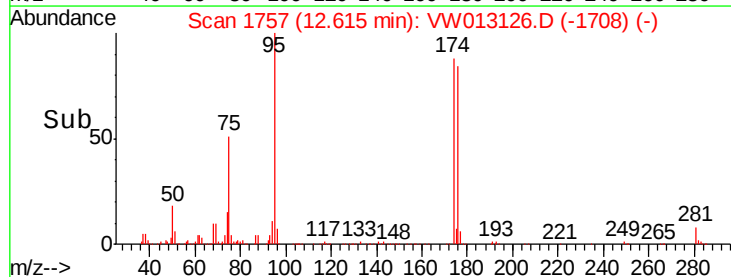
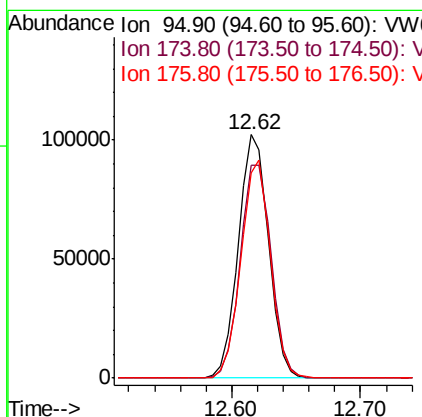
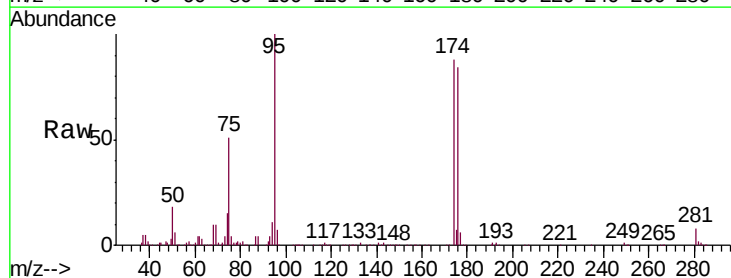
Instrument :
MSVOA_W
ClientSampleId :
TP-5

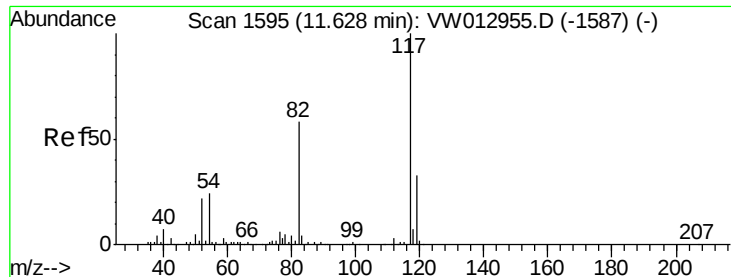
Tgt Ion: 98 Resp: 568600
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.755 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

Tgt Ion: 95 Resp: 165087
Ion Ratio Lower Upper
95 100
174 90.1 0.0 170.4
176 87.6 0.0 164.6

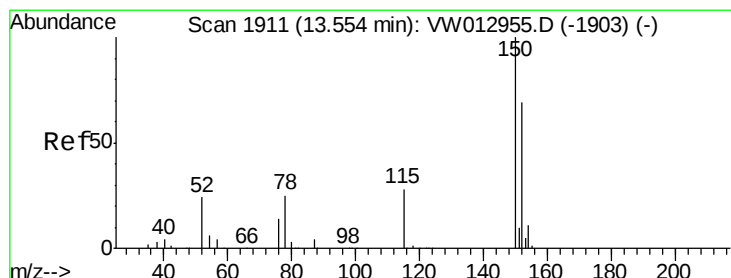
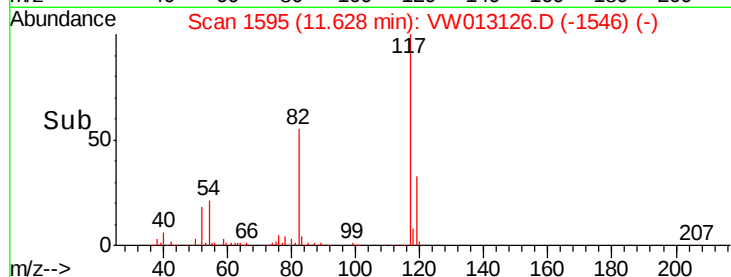
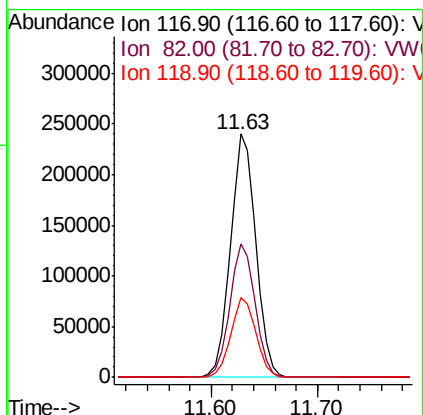
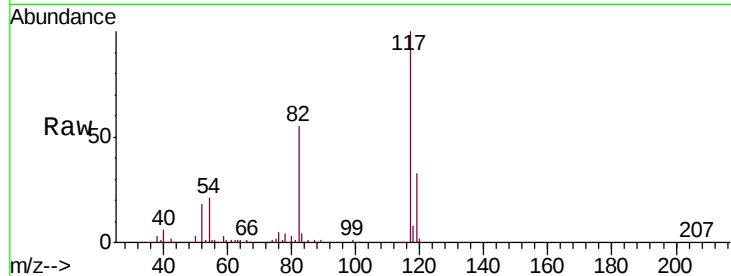




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

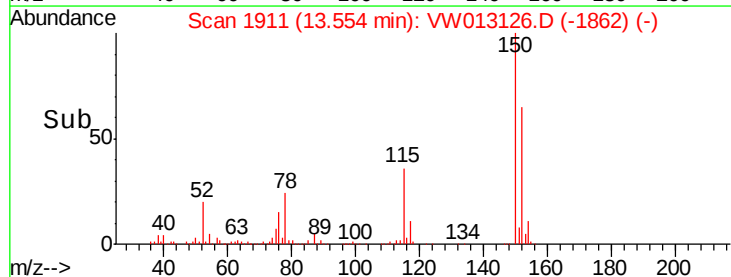
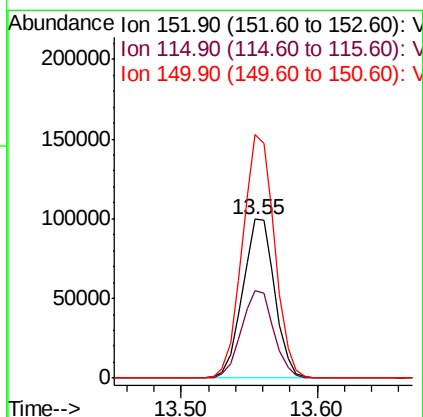
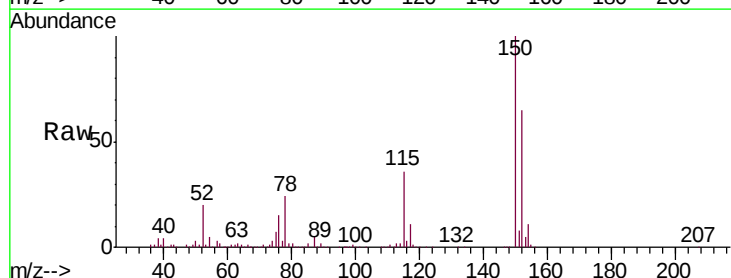
Instrument :
MSVOA_W
ClientSampleId :
TP-5

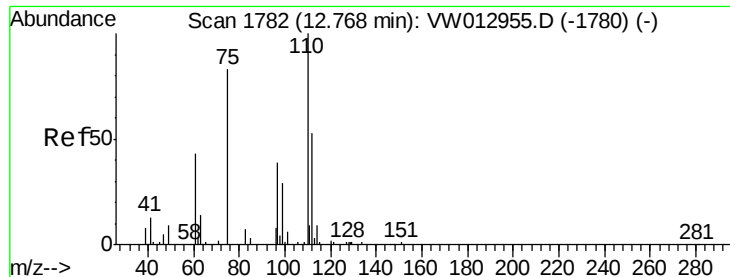
Tgt Ion:117 Resp: 399739
Ion Ratio Lower Upper
117 100
82 54.9 46.3 69.5
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013126.D
Acq: 18 Sep 2019 20:46

Tgt Ion:152 Resp: 164192
Ion Ratio Lower Upper
152 100
115 55.3 28.8 86.4
150 153.1 0.0 340.2





#76

1,2,3-Trichloropropane

Concen: 56.253 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013126.D

Acq: 18 Sep 2019 20:46

Instrument :

MSVOA_W

ClientSampleId :

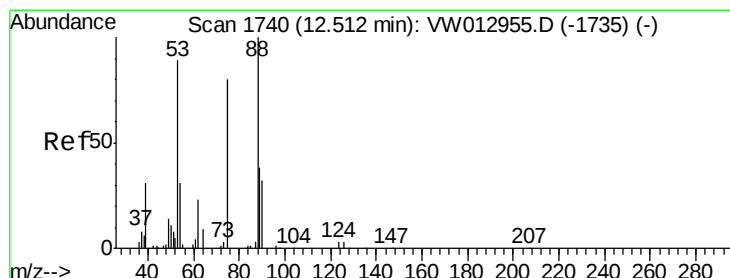
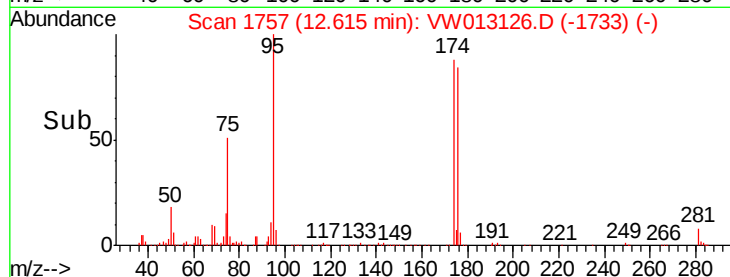
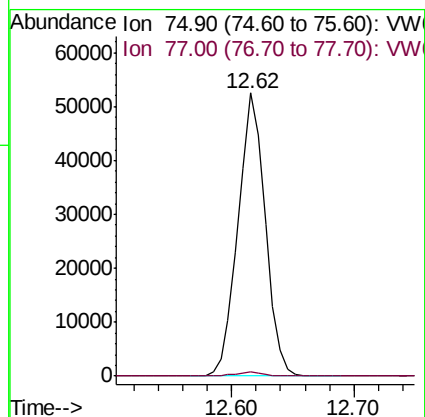
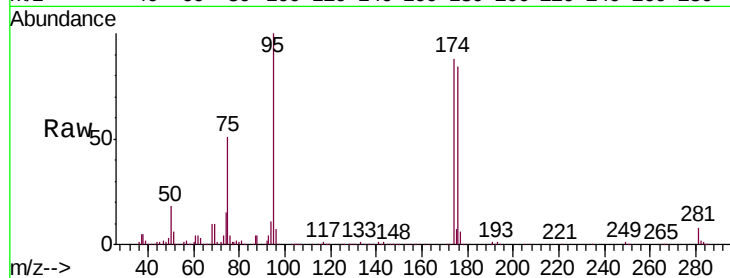
TP-5

Tgt Ion: 75 Resp: 80903

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 127.609 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013126.D

Acq: 18 Sep 2019 20:46

Tgt Ion: 75 Resp: 80903

Ion Ratio Lower Upper

75 100

53 0.2 85.6 128.4#

89 0.1 37.2 55.8#

