

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010920\
 Data File : VW014578.D
 Acq On : 09 Jan 2020 13:24
 Operator : SY/VA
 Sample : L1056-03RE
 Misc : 8.46G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 09 14:24:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	701595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1081712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	791689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	272299	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	297913	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
35) Dibromofluoromethane	7.88	113	324868	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
50) Toluene-d8	10.32	98	1288085	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	343032	39.20	ug/l	0.00
Spiked Amount			Recovery	=	78.40%	

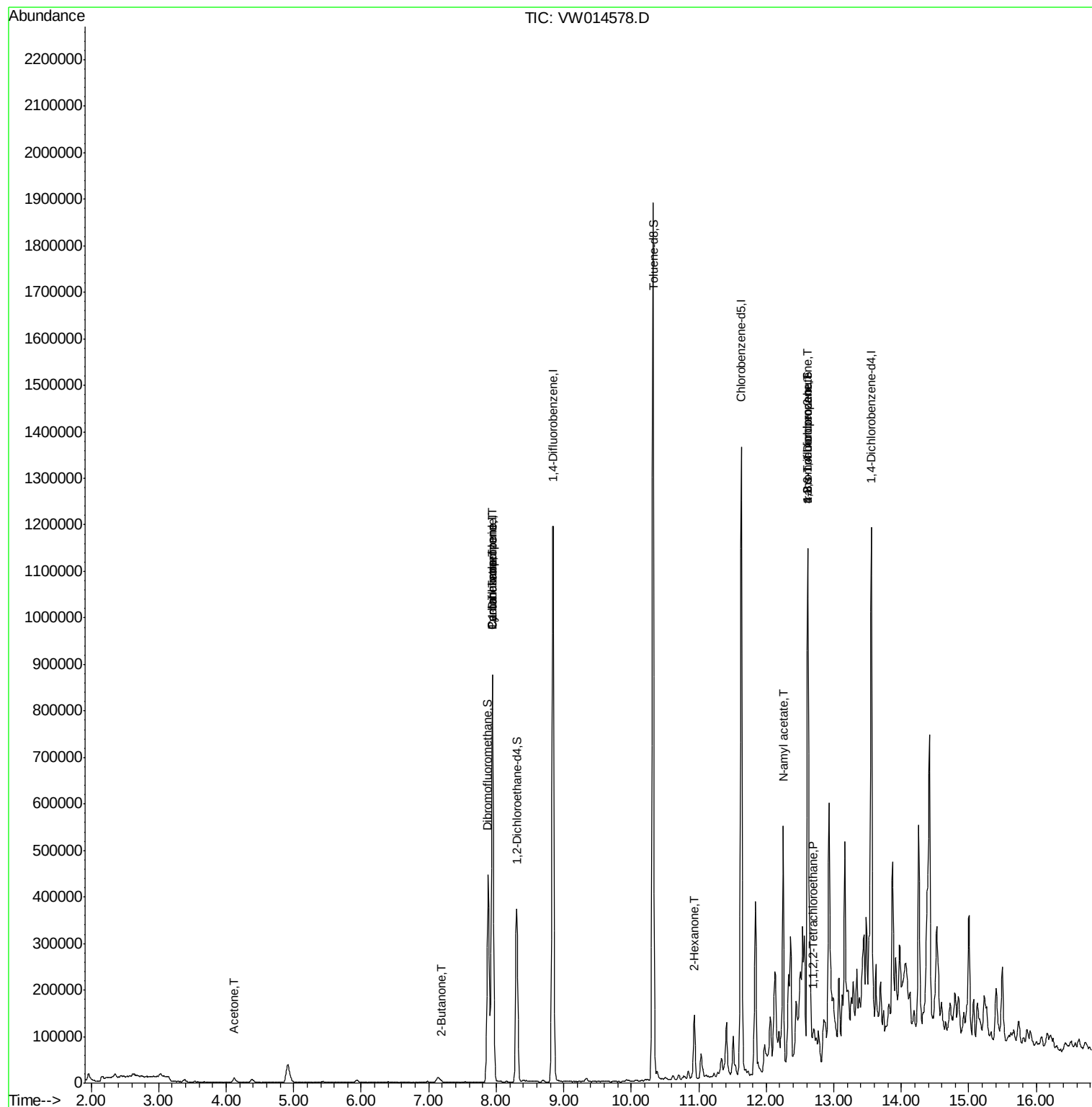
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	780	Below Cal	#	73
16) Acetone	4.12	43	16896	9.755	ug/l	99
25) 2-Butanone	7.19	43	3598	1.619	ug/l #	68
31) Cyclohexane	7.94	56	14593	1.115	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	47416	4.547	ug/l #	50
38) Carbon Tetrachloride	7.95	117	62311	6.887	ug/l #	16
59) 2-Hexanone	10.93	43	48812	15.883	ug/l #	27
74) N-amyl acetate	12.25	43	104004	23.216	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.68	83	10542	2.923	ug/l #	86
76) 1,2,3-Trichloropropane	12.62	75	162940	63.289	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	162940	141.010	ug/l #	15

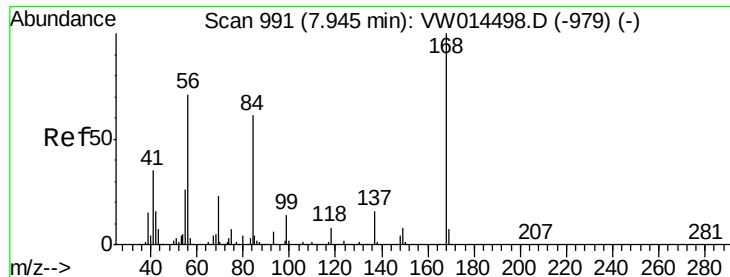
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW014578.D

Acq: 09 Jan 2020 13:24

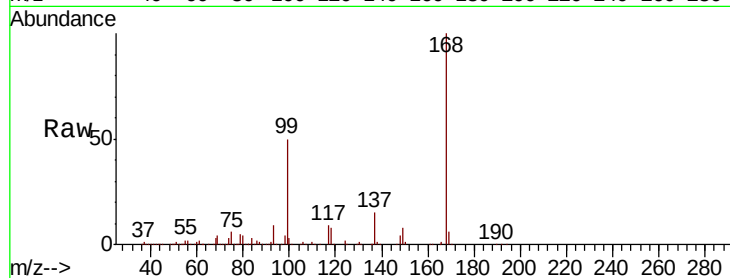
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 701595

Ion Ratio Lower Upper

168 100

99 49.7 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

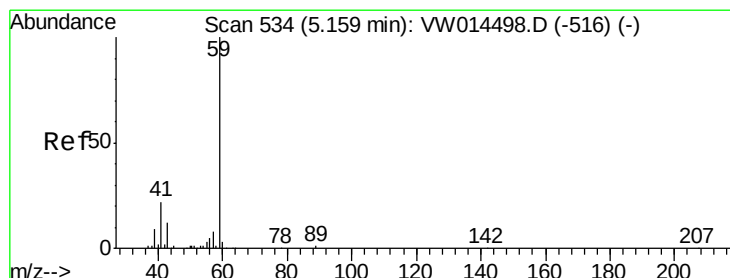
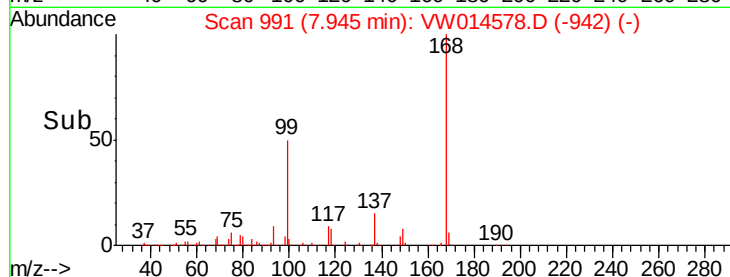
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW014578.D

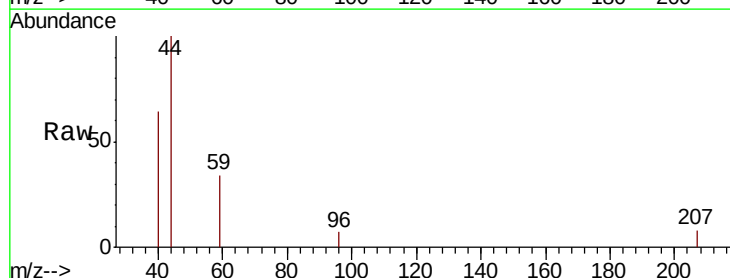
Acq: 09 Jan 2020 13:24

Tgt Ion: 59 Resp: 780

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

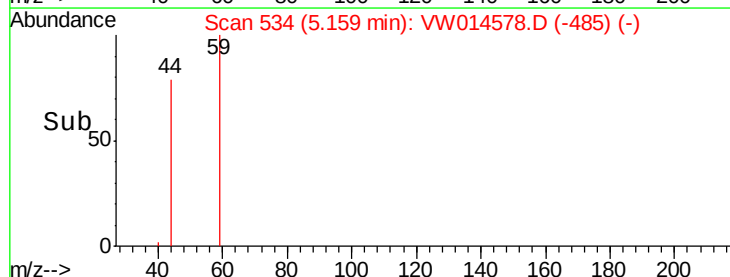
300

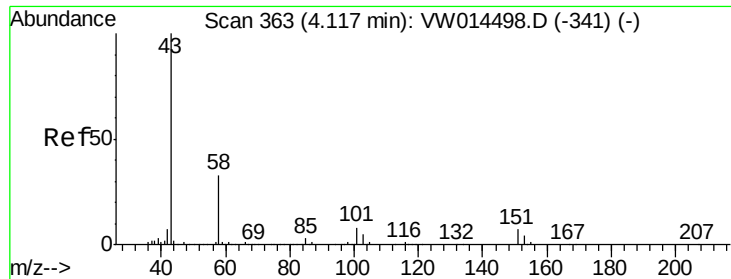
200

100

0

Time--> 5.05 5.10 5.15 5.20

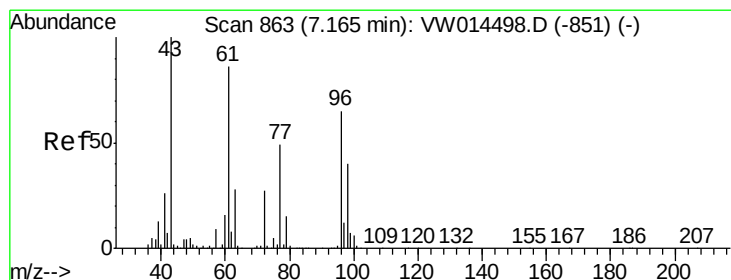
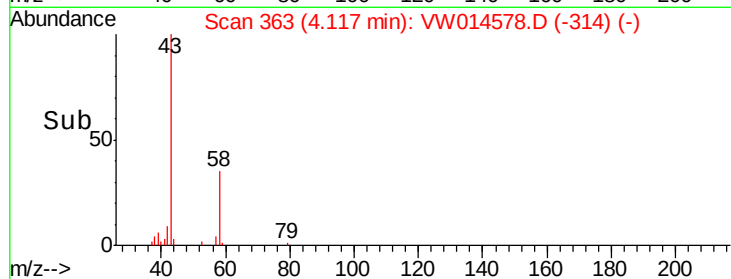
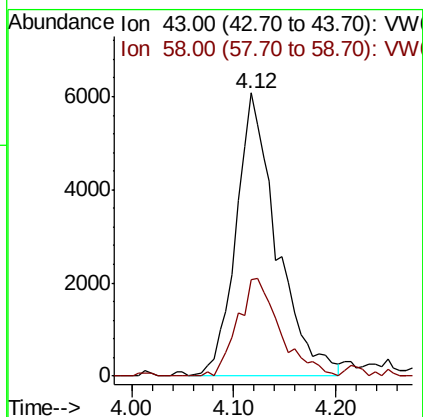
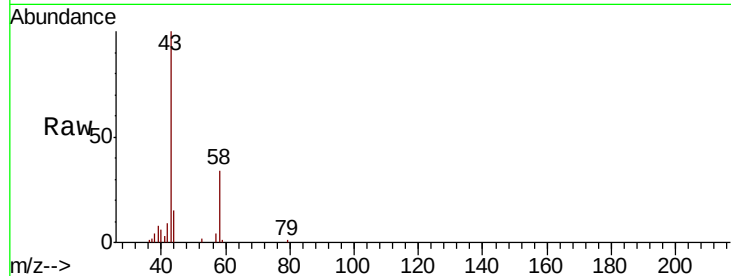




#16
Acetone
Concen: 9.755 ug/l
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW014578.D
Acq: 09 Jan 2020 13:24

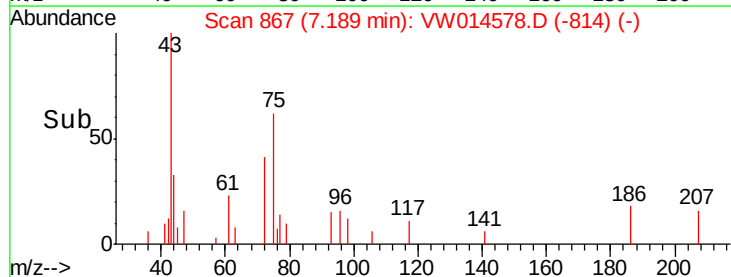
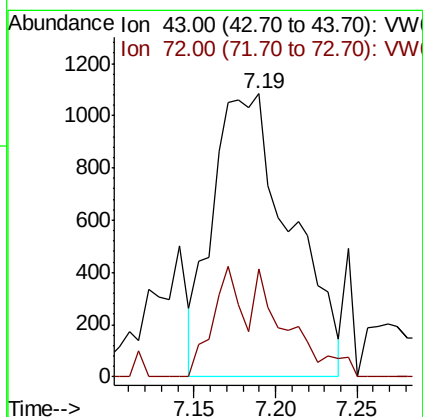
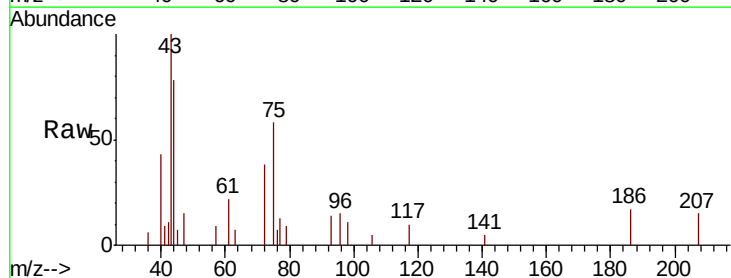
Instrument :
MSVOA_W
ClientSampleId :

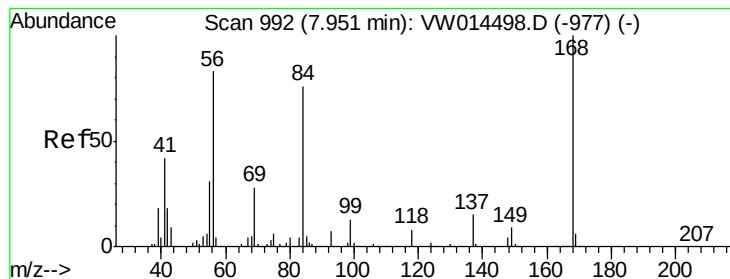
Tot Ion: 43 Resp: 16896
Ion Ratio Lower Upper
43 100
58 33.9 26.6 39.8



#25
2-Butanone
Concen: 1.619 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW014578.D
Acq: 09 Jan 2020 13:24

Tgt Ion: 43 Resp: 3598
Ion Ratio Lower Upper
43 100
72 44.1 21.9 32.9#





#31

Cyclohexane

Concen: 1.115 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW014578.D

Acq: 09 Jan 2020 13:24

Instrument :

MSVOA_W

ClientSampled :

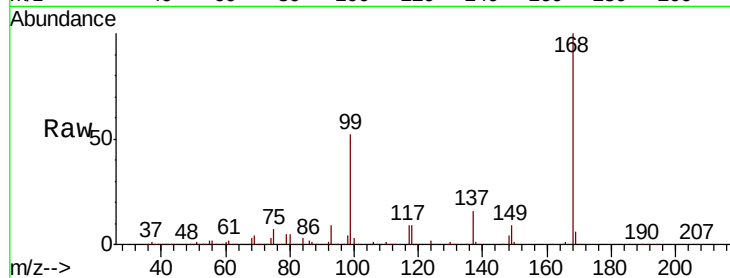
Tot Ion: 56 Resp: 14593

Ion Ratio Lower Upper

56 100

69 172.6 26.8 40.2#

84 145.5 71.8 107.6#

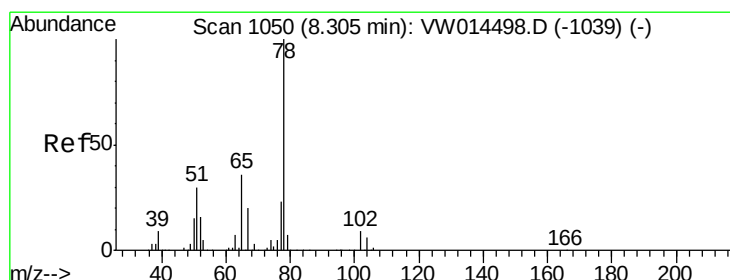
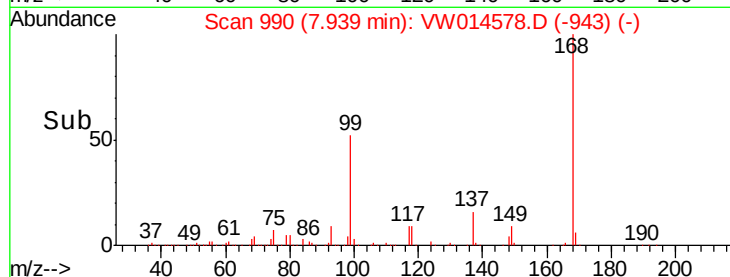
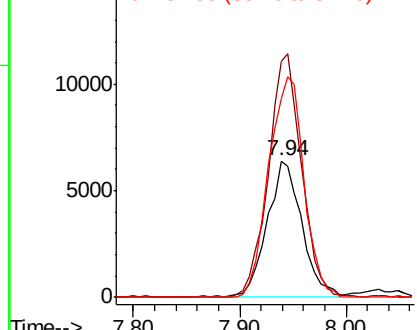


Abundance

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: 48.566 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW014578.D

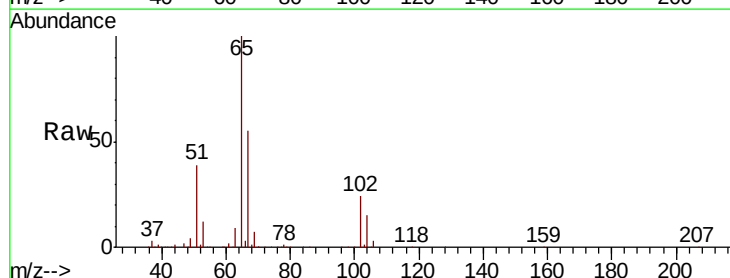
Acq: 09 Jan 2020 13:24

Tgt Ion: 65 Resp: 297913

Ion Ratio Lower Upper

65 100

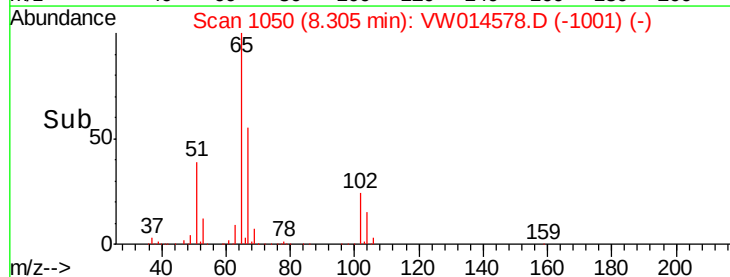
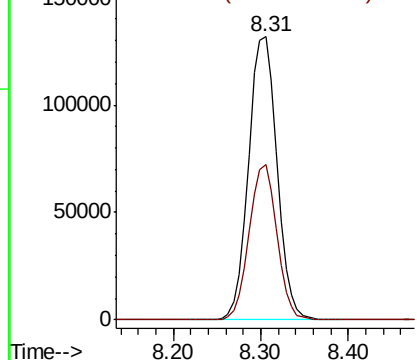
67 53.8 0.0 108.4

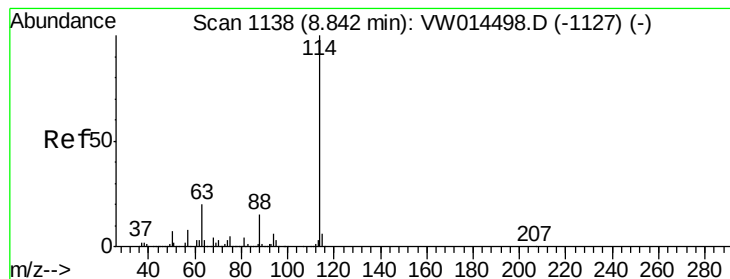


Abundance

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: VW014578.D

Acq: 09 Jan 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

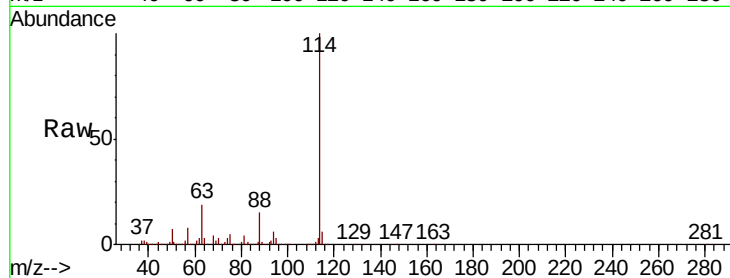
Tot Ion:114 Resp: 1081712

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.4

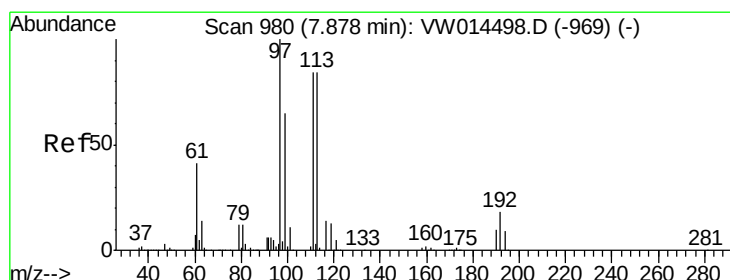
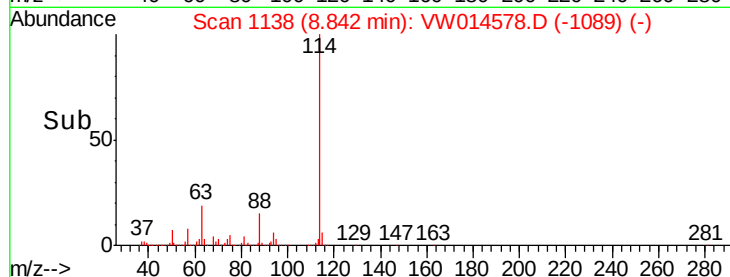
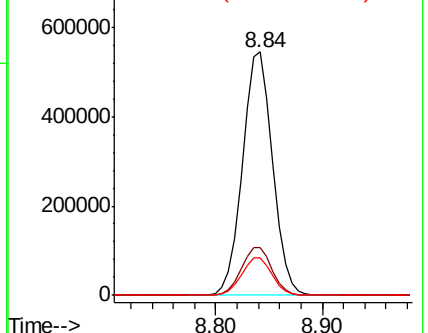
88 15.3 0.0 30.6



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: 52.549 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014578.D

Acq: 09 Jan 2020 13:24

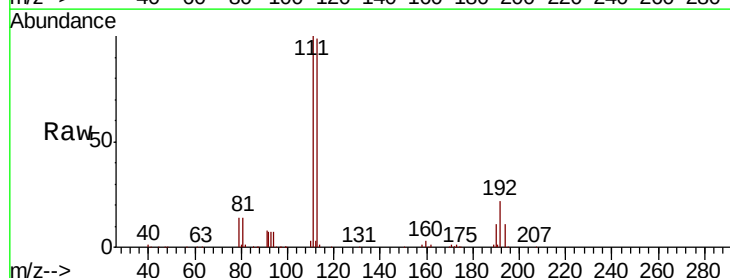
Tgt Ion:113 Resp: 324868

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.2

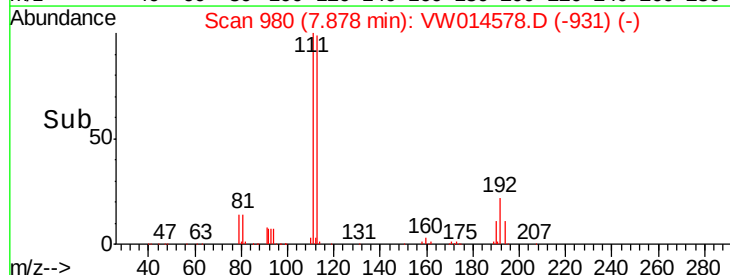
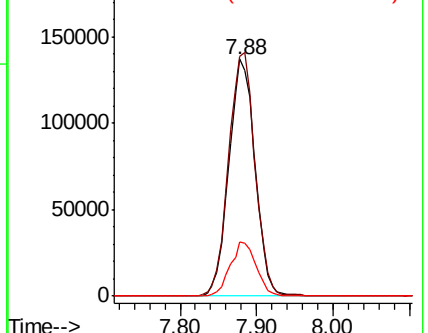
192 22.6 17.8 26.8

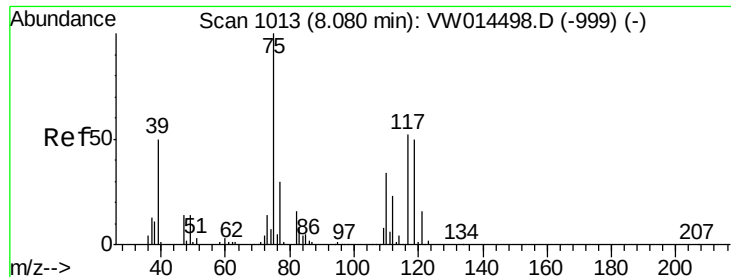


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

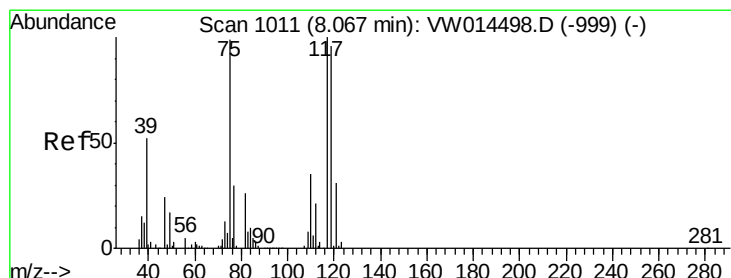
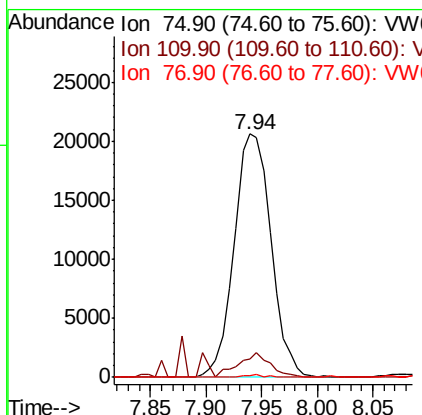
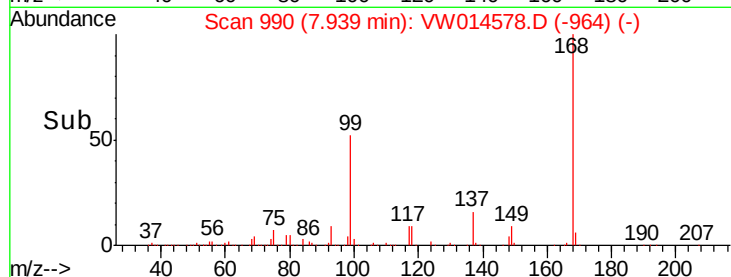
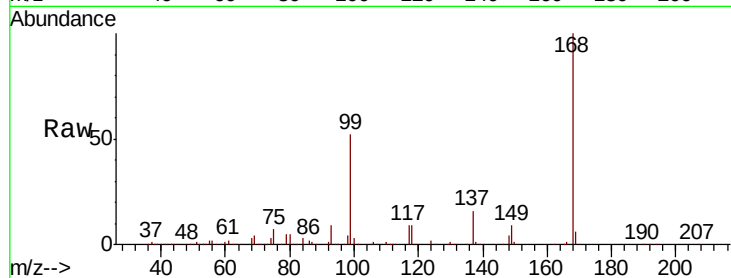




#36
 1,1-Dichloropropene
 Concen: 4.547 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014578.D
 Acq: 09 Jan 2020 13:24

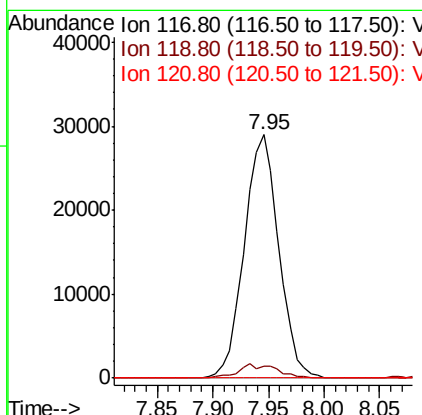
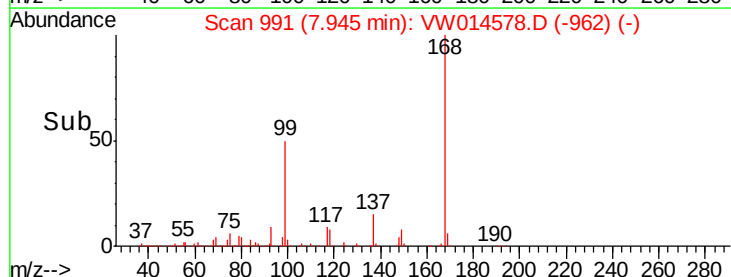
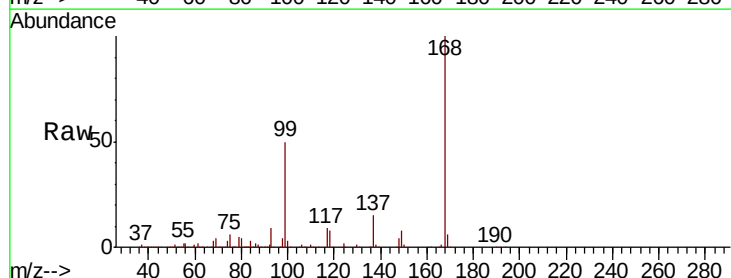
Instrument :
 MSVOA_W
 ClientSampled :

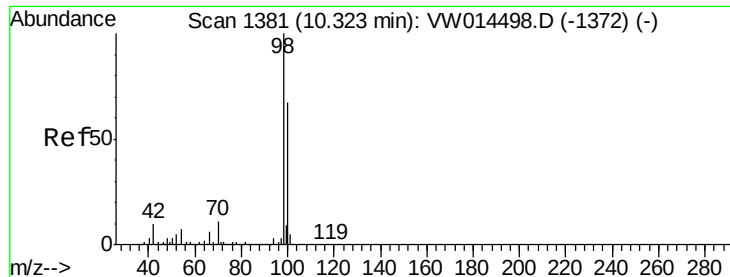
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.8	53.5#
77	0.6	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.887 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW014578.D
 Acq: 09 Jan 2020 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.0	115.6#
121	0.0	24.6	36.8#

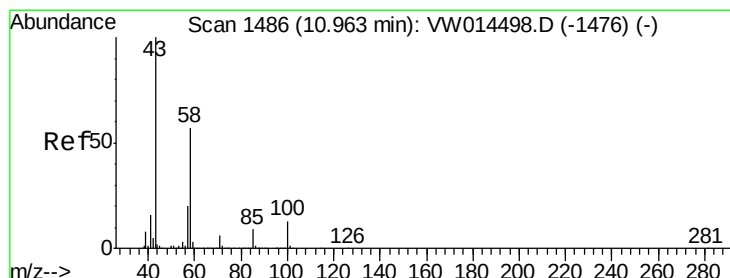
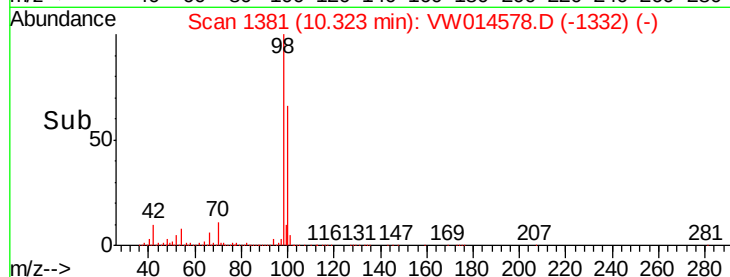
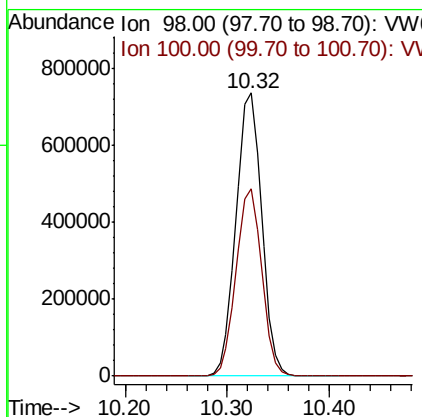
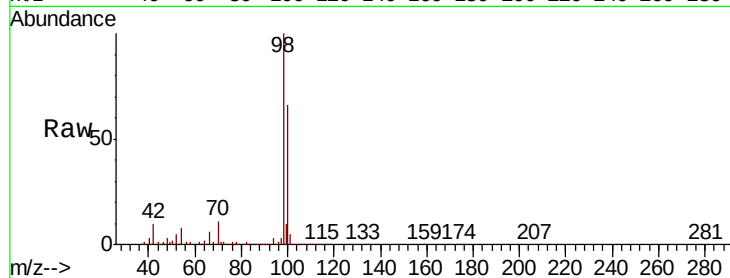




#50
Toluene-d8
Concen: 49.926 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014578.D
Acq: 09 Jan 2020 13:24

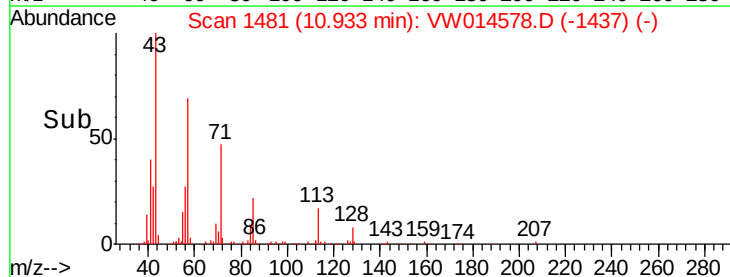
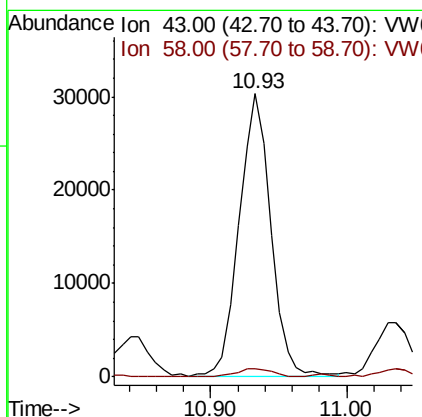
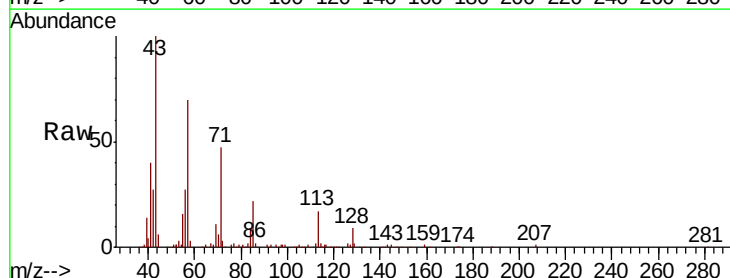
Instrument :
MSVOA_W
ClientSampleId :

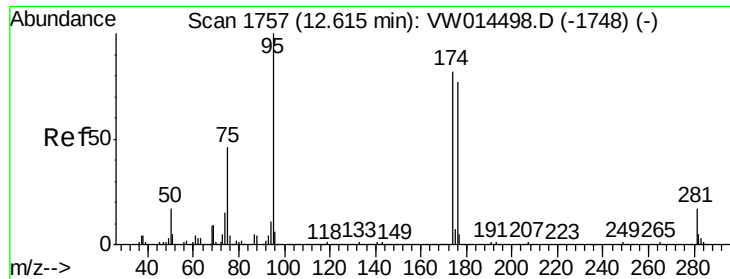
Tot Ion: 98 Resp: 1288085
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6



#59
2-Hexanone
Concen: 15.883 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.03 min
Lab File: VW014578.D
Acq: 09 Jan 2020 13:24

Tgt Ion: 43 Resp: 48812
Ion Ratio Lower Upper
43 100
58 3.4 28.7 86.3#

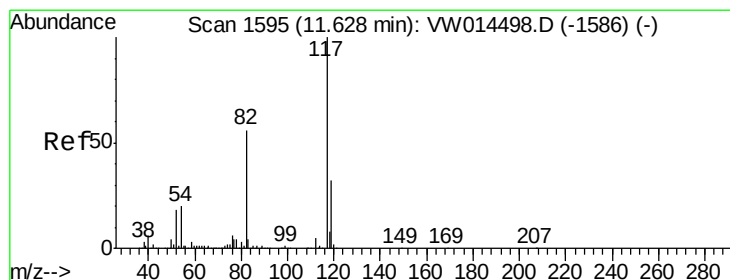
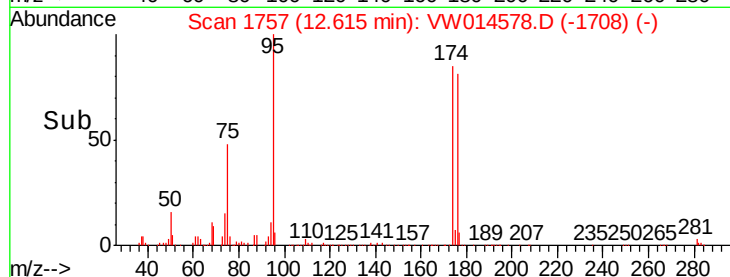
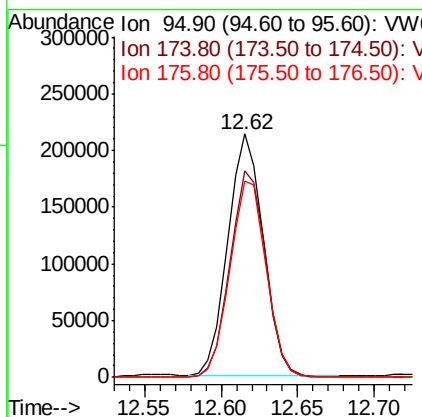
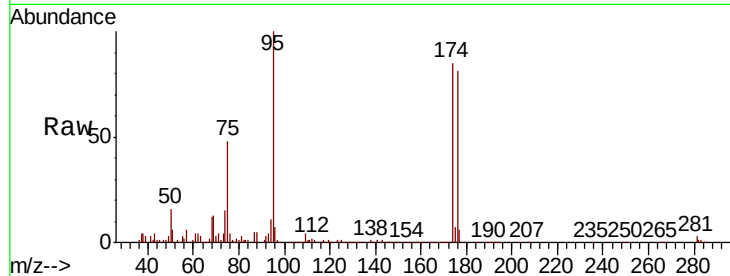




#62
4-Bromofluorobenzene
Concen: 39.199 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014578.D
Acq: 09 Jan 2020 13:24

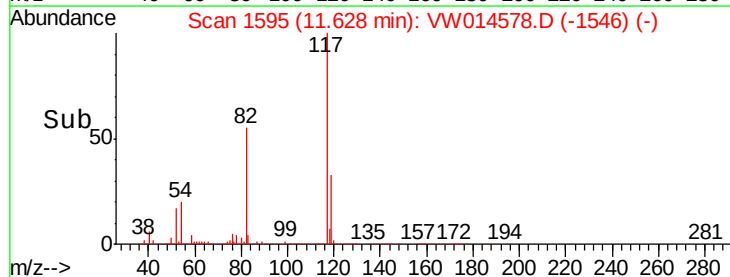
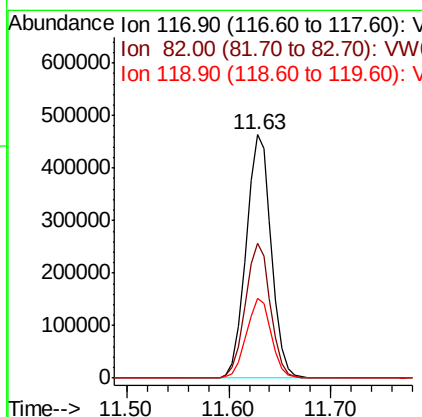
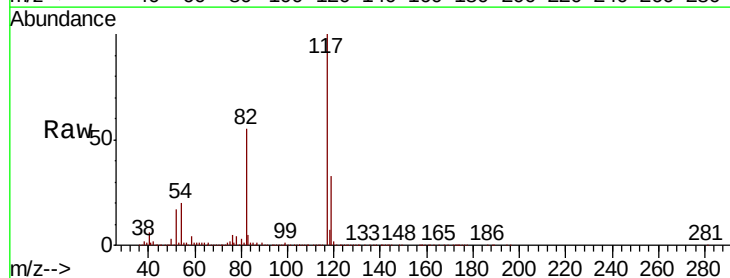
Instrument :
MSVOA_W
ClientSampleId :

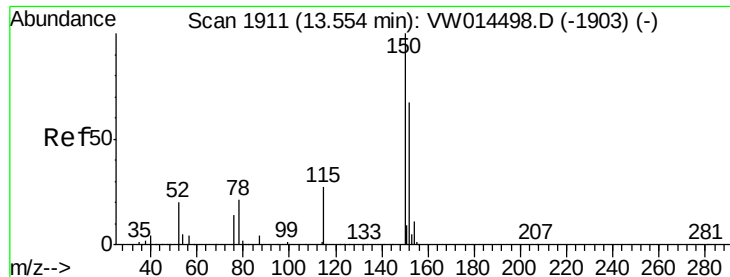
Tot Ion	95	Resp	343032
Ion Ratio	Lower	Upper	
95	100		
174	86.5	0.0	168.6
176	83.0	0.0	162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014578.D
Acq: 09 Jan 2020 13:24

Tgt Ion	117	Resp	791689
Ion Ratio	Lower	Upper	
117	100		
82	55.2	44.6	67.0
119	32.6	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW014578.D

Acq: 09 Jan 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

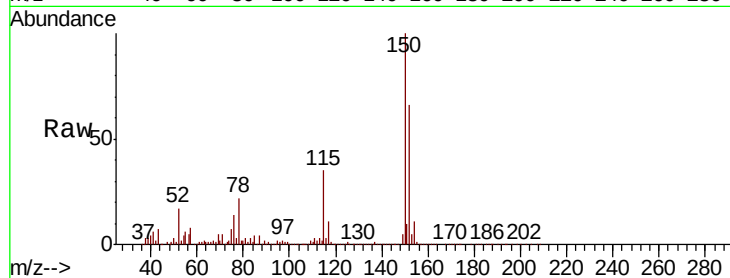
Tot Ion:152 Resp: 272299

Ion Ratio Lower Upper

152 100

115 55.1 27.7 83.1

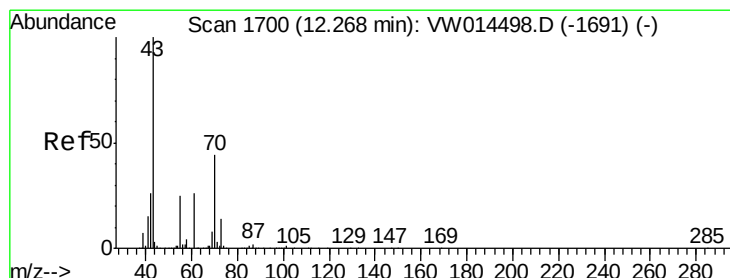
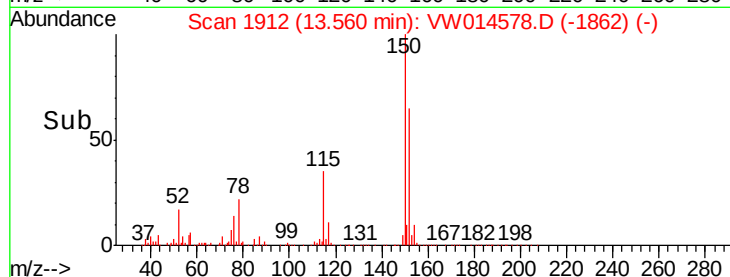
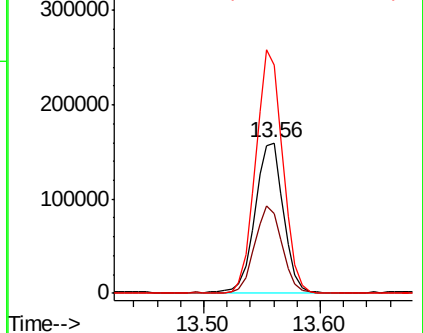
150 153.9 0.0 343.4



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



#74

N-ethyl acetate

Concen: 23.216 ug/l

RT: 12.25 min Scan# 1697

Delta R.T. -0.02 min

Lab File: VW014578.D

Acq: 09 Jan 2020 13:24

Tgt Ion: 43 Resp: 104004

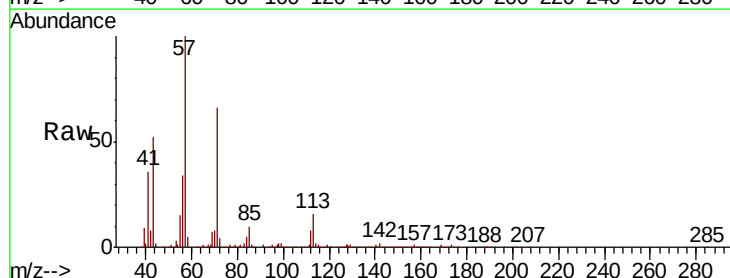
Ion Ratio Lower Upper

43 100

70 20.9 36.5 54.7#

55 34.9 20.9 31.3#

61 0.0 20.7 31.1#

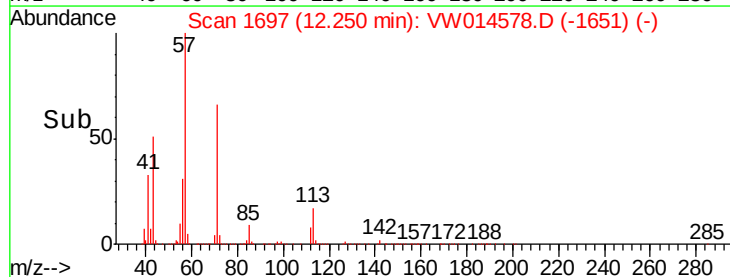
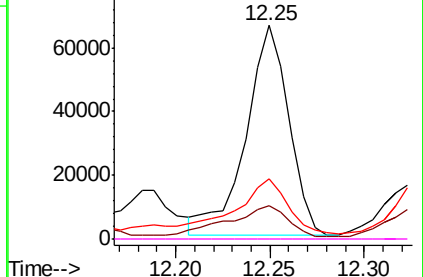


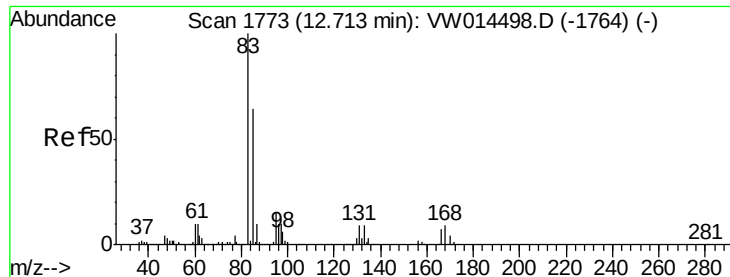
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 2.923 ug/l

RT: 12.68 min Scan# 1768

Delta R.T. -0.03 min

Lab File: VW014578.D

Acq: 09 Jan 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

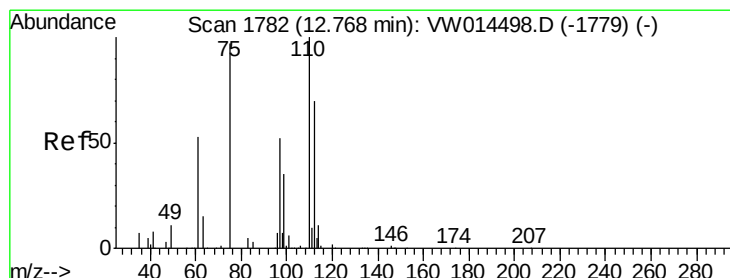
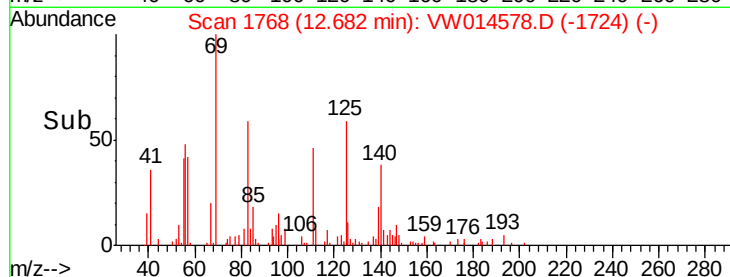
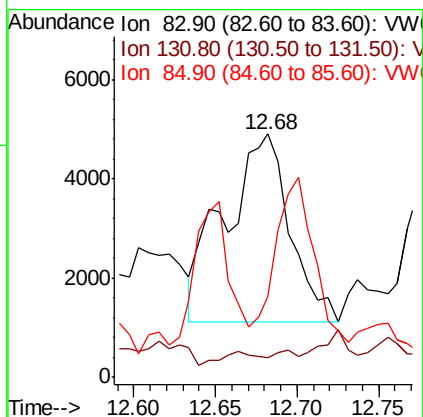
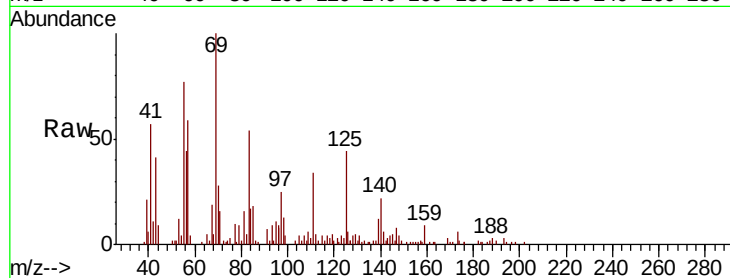
Tot Ion: 83 Resp: 10542

Ion Ratio Lower Upper

83 100

131 1.5 5.1 15.4#

85 54.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 63.289 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014578.D

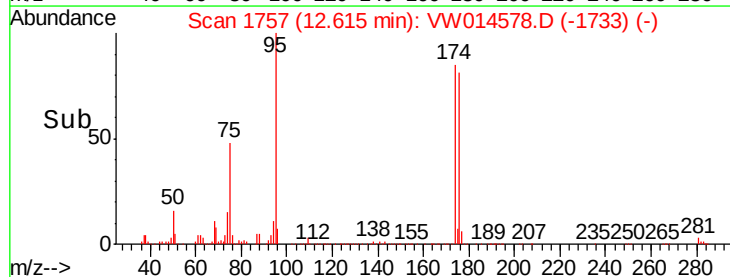
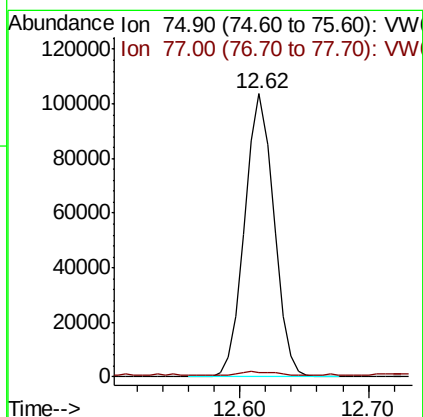
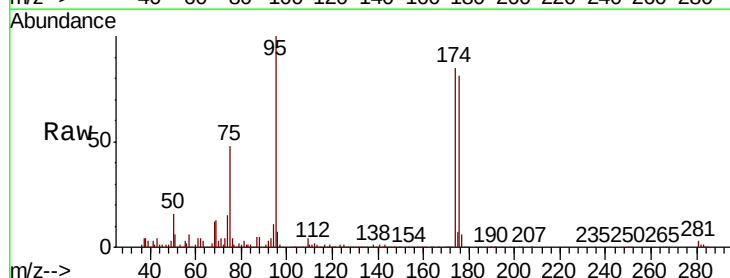
Acq: 09 Jan 2020 13:24

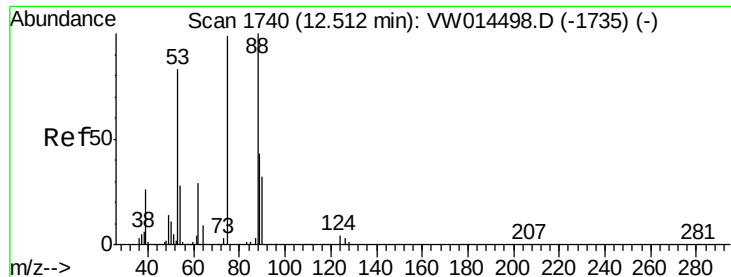
Tgt Ion: 75 Resp: 162940

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 141.010 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014578.D

Acq: 09 Jan 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

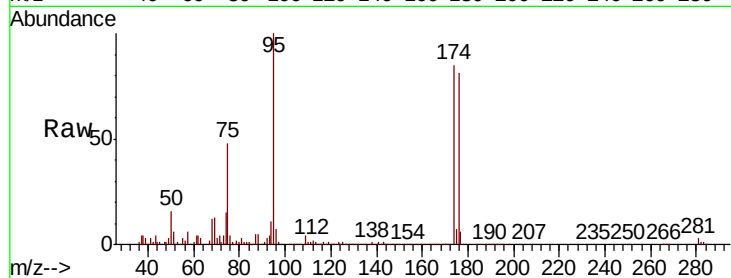
Tot Ion: 75 Resp: 162940

Ion Ratio Lower Upper

75 100

53 0.9 70.9 106.3#

89 0.1 35.8 53.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

