

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014596.D
 Acq On : 10 Jan 2020 13:36
 Operator : SY/VA
 Sample : VW0110SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBL01

Quant Time: Jan 11 03:57:52 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	709363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1072957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	925276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	449238	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	321990	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	
35) Dibromofluoromethane	7.88	113	321401	52.41	ug/l	0.00
Spiked Amount			Recovery	=	104.82%	
50) Toluene-d8	10.32	98	1287207	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	426167	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	

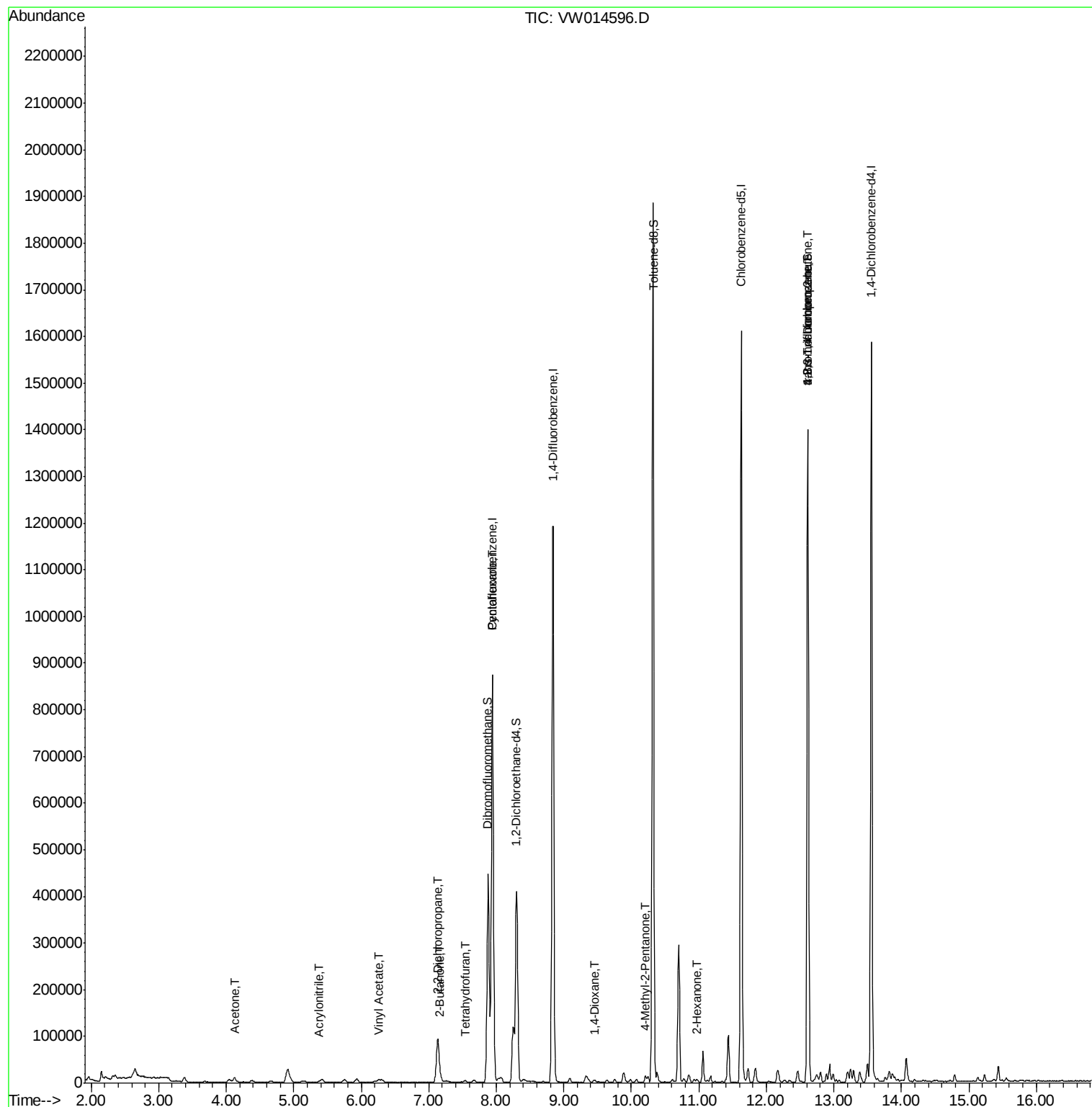
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	5220	Below Cal	#	73
15) Acrylonitrile	5.37	53	2904	1.770	ug/l	92
16) Acetone	4.12	43	18398	10.506	ug/l	93
20) Methylene Chloride	4.91	84	24739	Below Cal		93
23) Vinyl Acetate	6.26	43	17488	1.434	ug/l	98
25) 2-Butanone	7.17	43	6102	2.715	ug/l #	84
26) 2,2-Dichloropropane	7.13	77	8484	1.203	ug/l #	50
29) Tetrahydrofuran	7.54	42	3374	2.423	ug/l	96
31) Cyclohexane	7.94	56	16328	1.234	ug/l #	1
49) 1,4-Dioxane	9.45	88	469	7.073	ug/l #	63
51) 4-Methyl-2-Pentanone	10.21	43	12349	2.791	ug/l	88
59) 2-Hexanone	10.98	43	6082	1.995	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	202878	47.764	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	202878	106.421	ug/l #	14

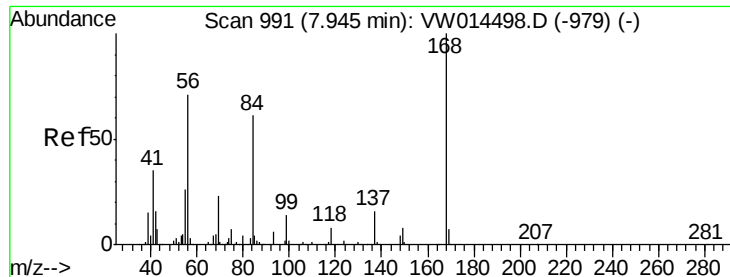
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011020\
Data File : VW014596.D
Acq On : 10 Jan 2020 13:36
Operator : SY/VA
Sample : VW0110SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
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ClientSampleId :
VW0110SBL01

Quant Time: Jan 11 03:57:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
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: VW014596.D

Acq: 10 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

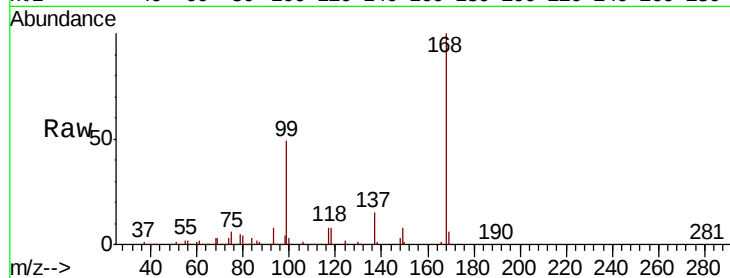
VW0110SBL01

Tot Ion:168 Resp: 709363

Ion Ratio Lower Upper

168 100

99 49.0 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

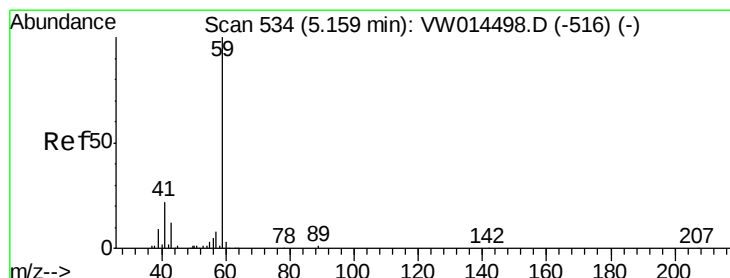
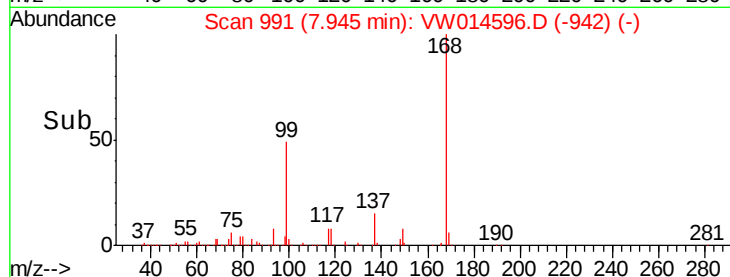
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW014596.D

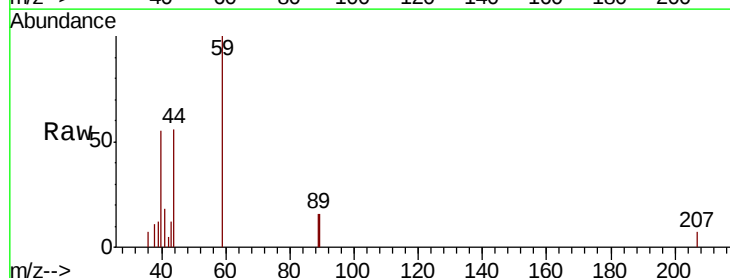
Acq: 10 Jan 2020 13:36

Tgt Ion: 59 Resp: 5220

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

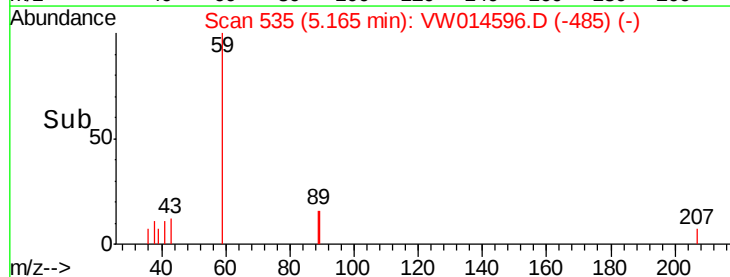
1500

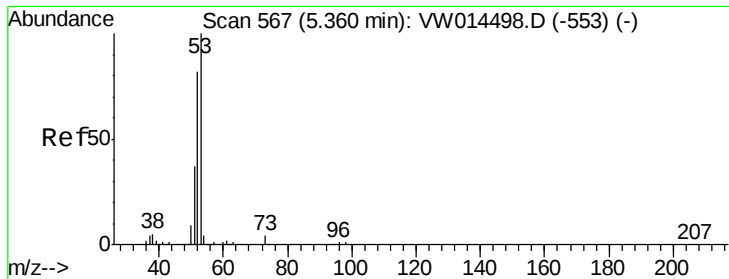
1000

500

0

Time-->





#15

Acrylonitrile

Concen: 1.770 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBL01

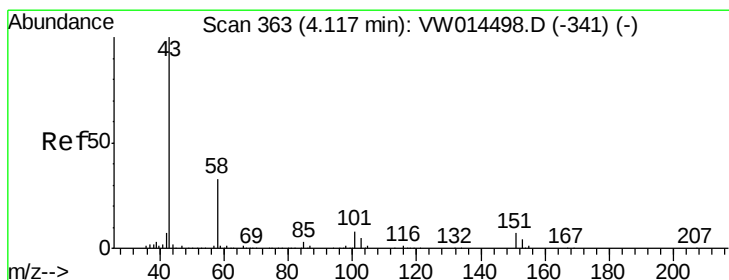
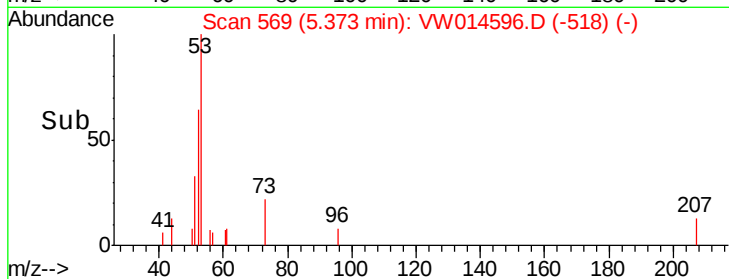
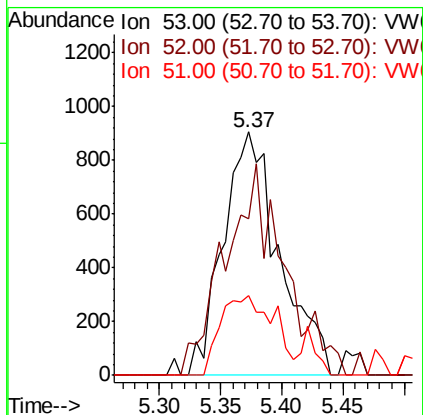
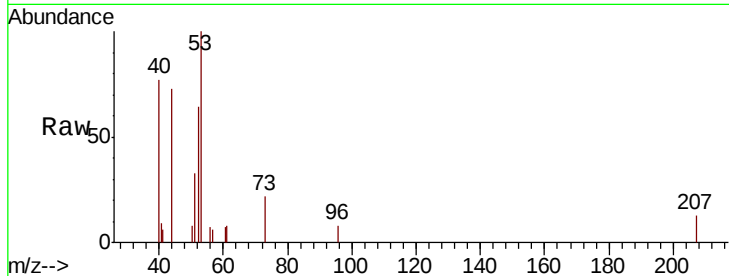
Tot Ion: 53 Resp: 2904

Ion Ratio Lower Upper

53 100

52 90.8 66.5 99.7

51 31.3 28.4 42.6



#16

Acetone

Concen: 10.506 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014596.D

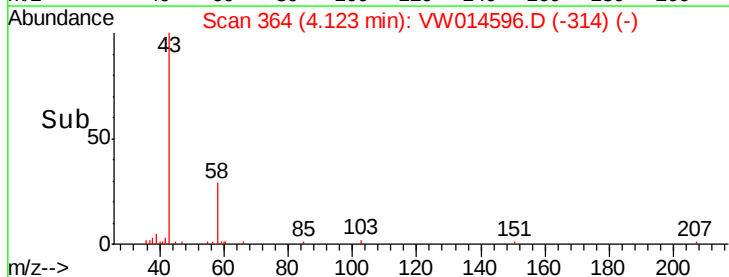
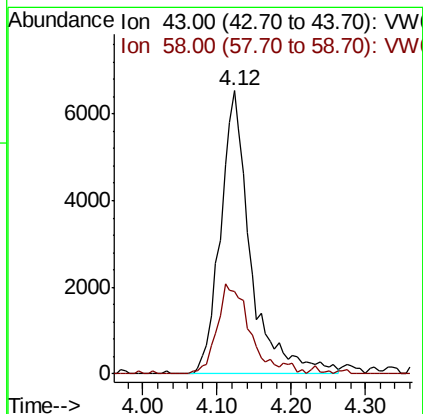
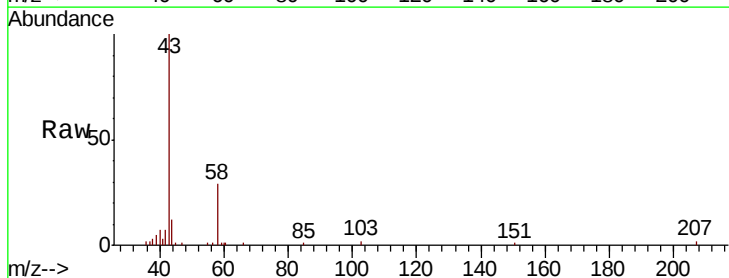
Acq: 10 Jan 2020 13:36

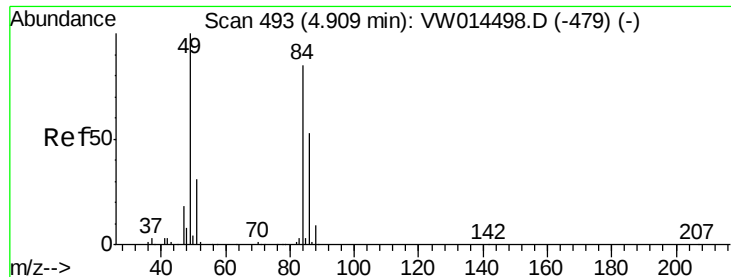
Tgt Ion: 43 Resp: 18398

Ion Ratio Lower Upper

43 100

58 29.2 26.6 39.8

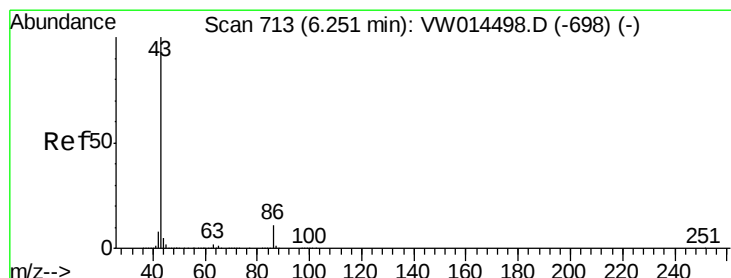
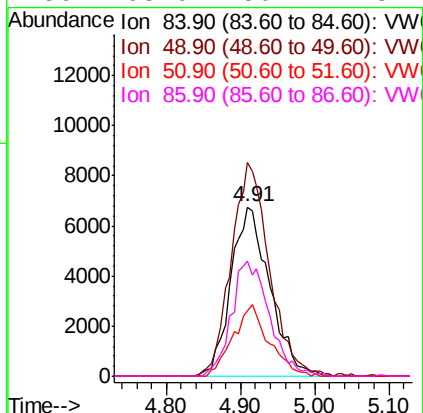
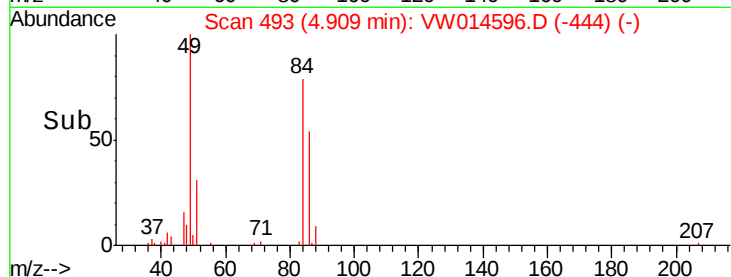
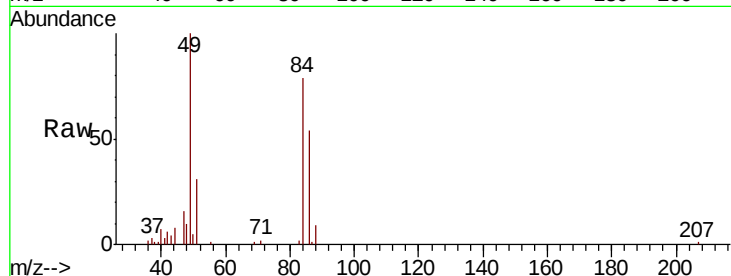




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014596.D
Acq: 10 Jan 2020 13:36

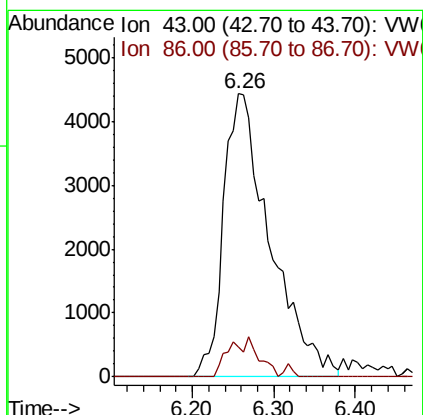
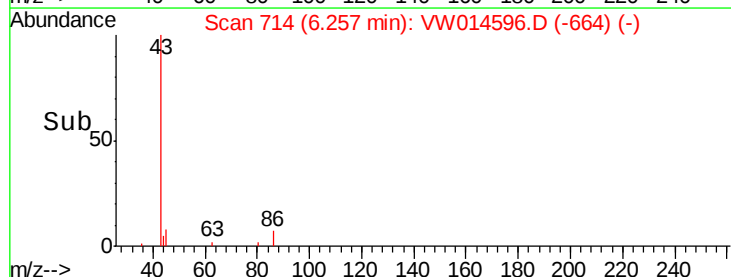
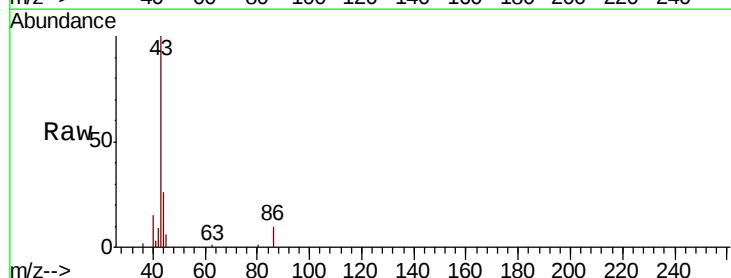
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBL01

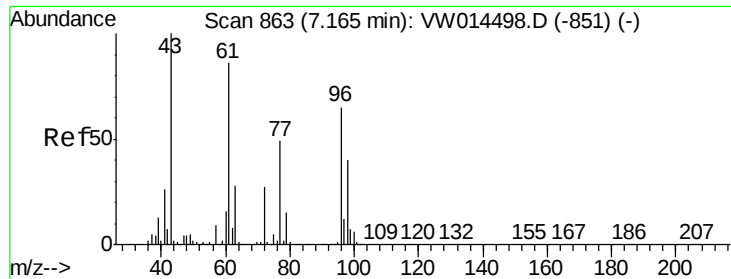
Tot Ion:	84	Resp:	24739
Ion	Ratio	Lower	Upper
84	100		
49	126.2	94.4	141.6
51	38.9	29.5	44.3
86	68.0	50.2	75.2



#23
Vinyl Acetate
Concen: 1.434 ug/l
RT: 6.26 min Scan# 714
Delta R.T. 0.01 min
Lab File: VW014596.D
Acq: 10 Jan 2020 13:36

Tgt Ion:	43	Resp:	17488
Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.8	13.2





#25

2-Butanone

Concen: 2.715 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

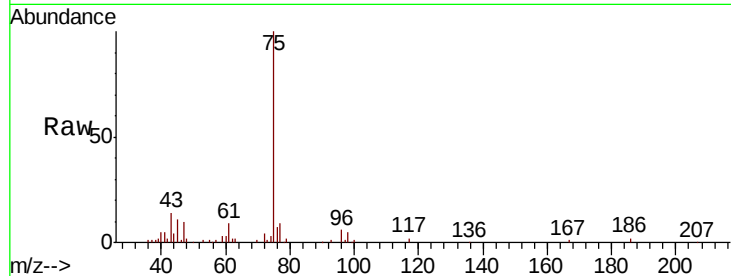
VW0110SBL01

Tot Ion: 43 Resp: 6102

Ion Ratio Lower Upper

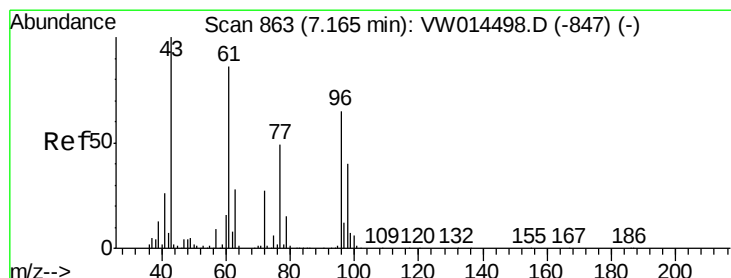
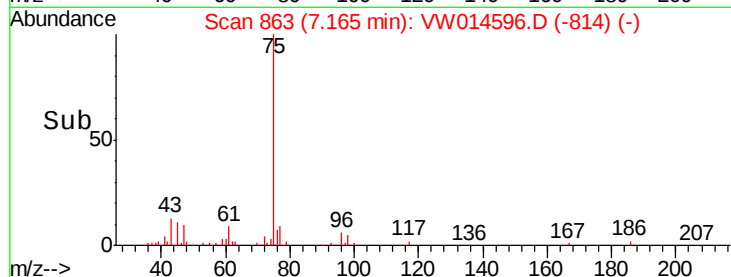
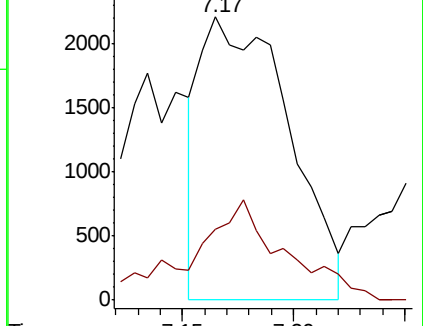
43 100

72 19.0 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 1.203 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW014596.D

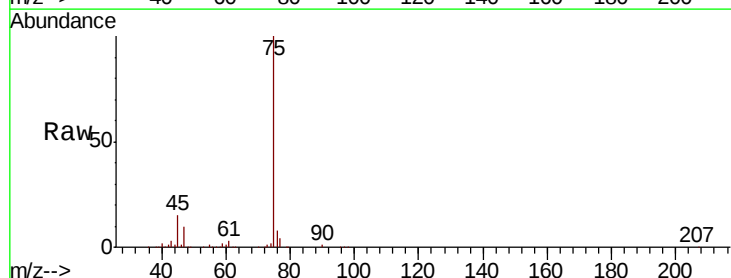
Acq: 10 Jan 2020 13:36

Tgt Ion: 77 Resp: 8484

Ion Ratio Lower Upper

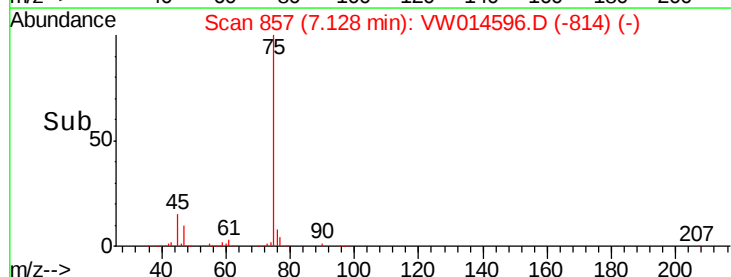
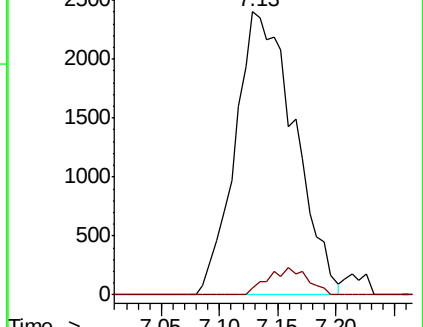
77 100

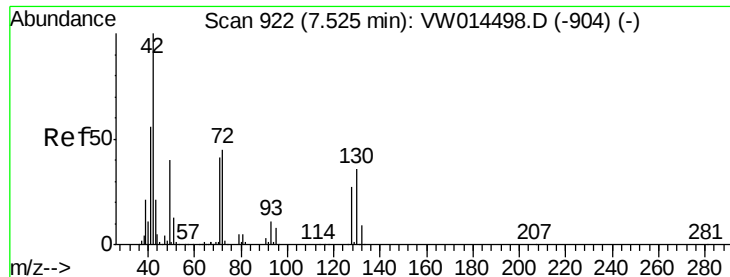
97 0.0 12.5 37.5#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

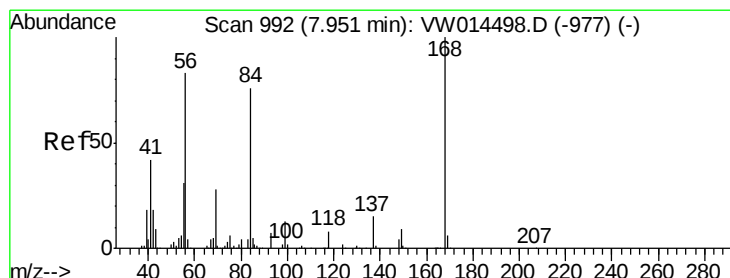
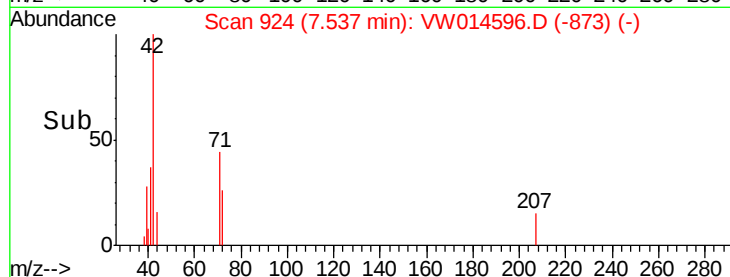
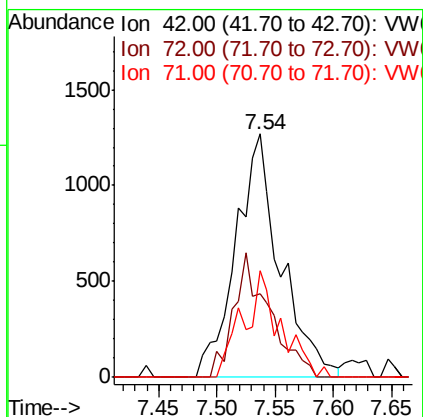
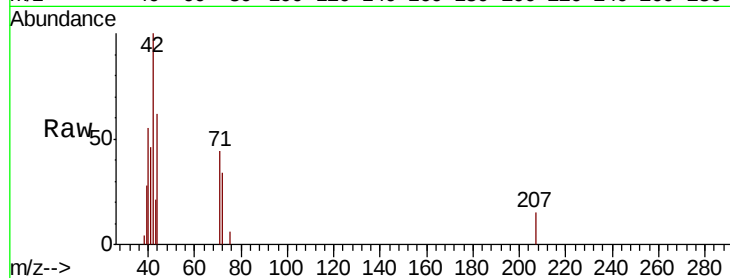




#29
Tetrahydrofuran
Concen: 2.423 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW014596.D
Acq: 10 Jan 2020 13:36

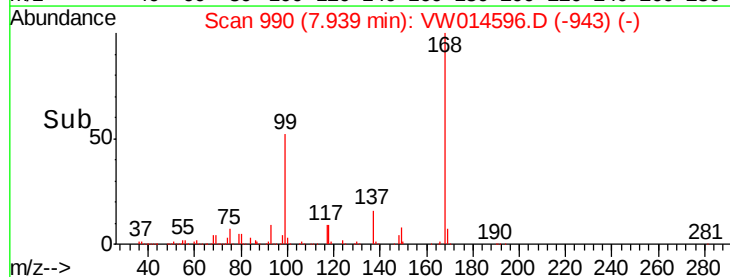
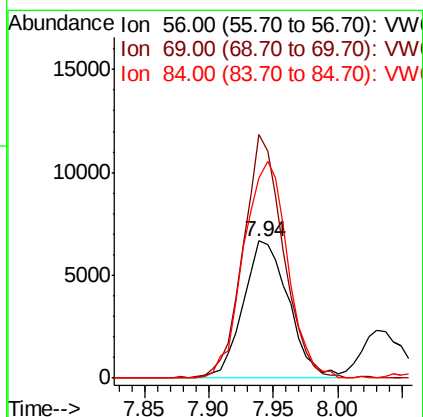
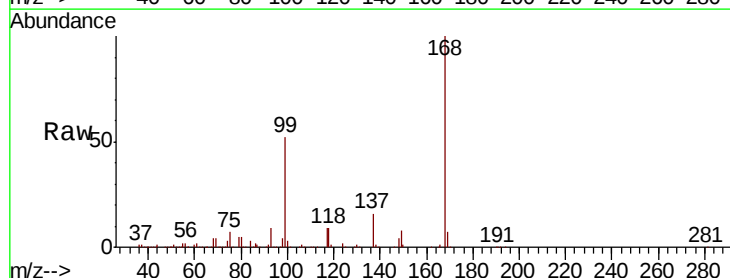
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBL01

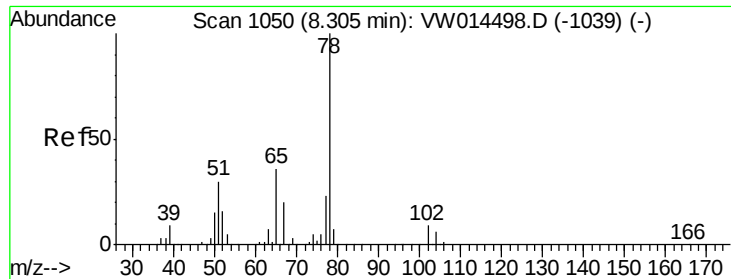
Tot Ion: 42 Resp: 3374
Ion Ratio Lower Upper
42 100
72 41.2 34.5 51.7
71 36.5 32.0 48.0



#31
Cyclohexane
Concen: 1.234 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW014596.D
Acq: 10 Jan 2020 13:36

Tgt Ion: 56 Resp: 16328
Ion Ratio Lower Upper
56 100
69 178.0 26.8 40.2#
84 146.3 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 51.917 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

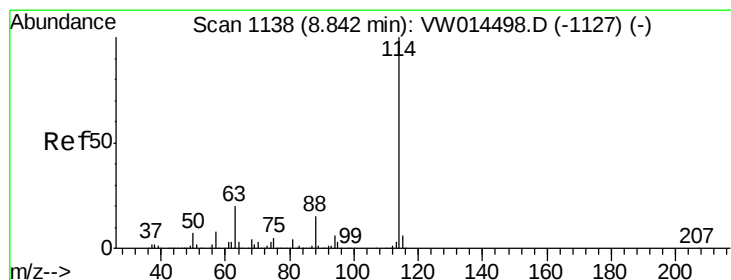
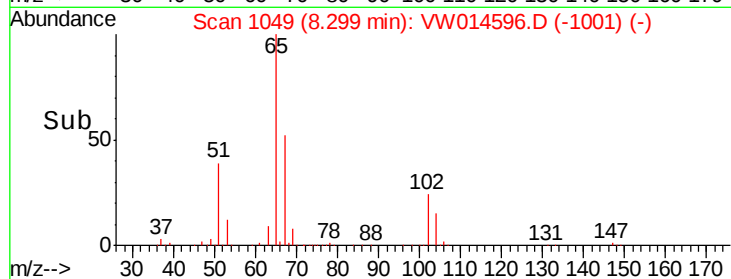
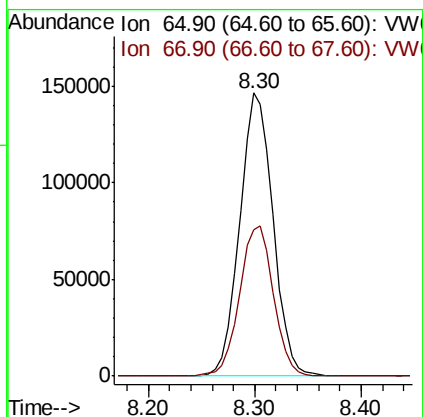
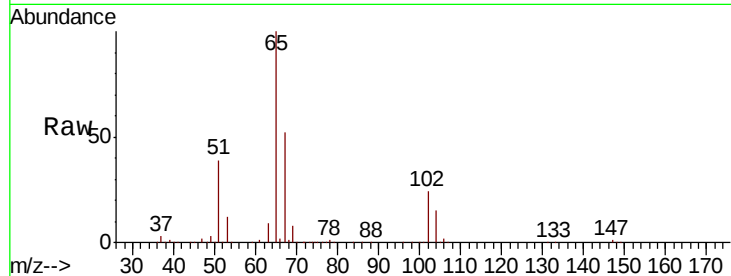
VW0110SBL01

Tot Ion: 65 Resp: 321990

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

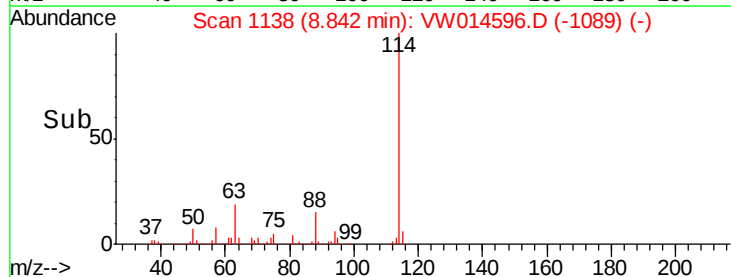
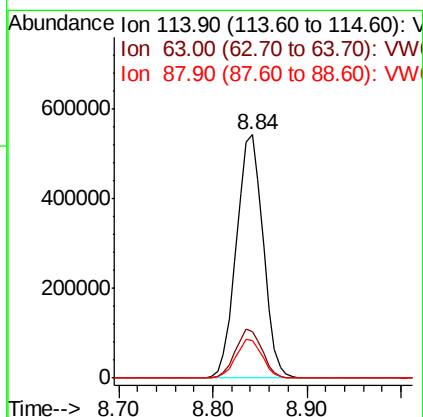
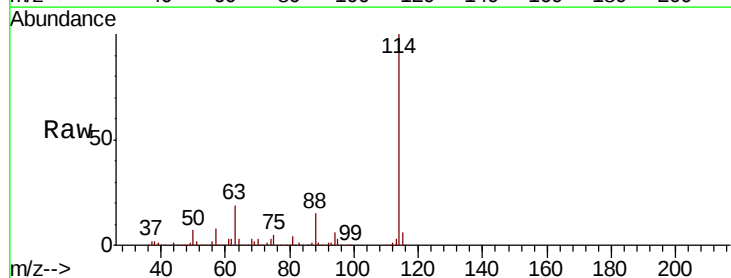
Tgt Ion: 114 Resp: 1072957

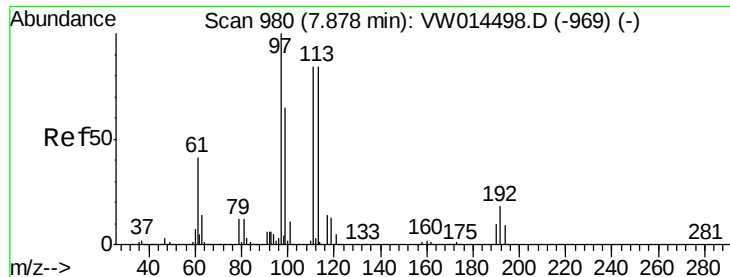
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.413 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBL01

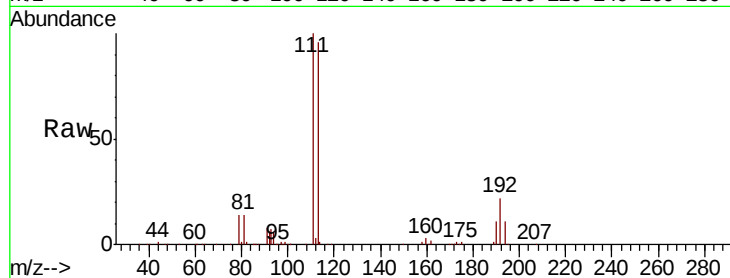
Tot Ion:113 Resp: 321401

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.2

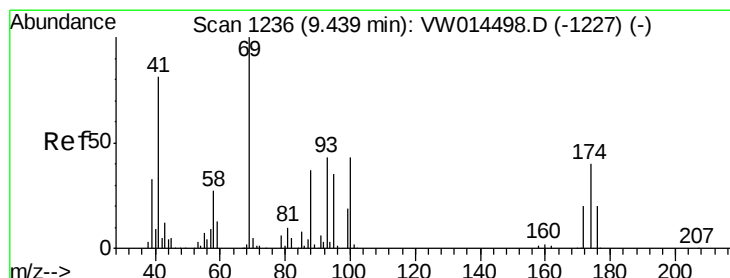
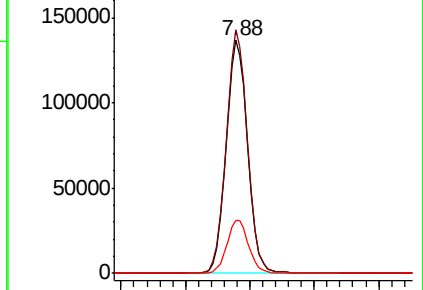
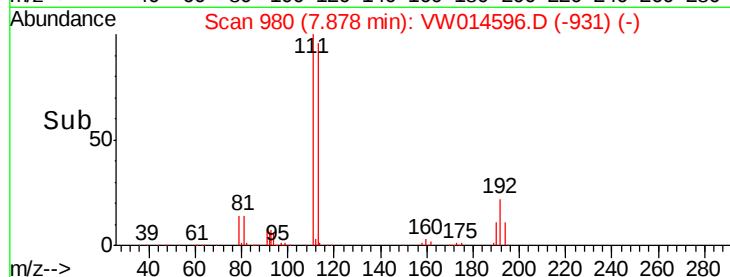
192 22.8 17.8 26.8



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



#49

1,4-Dioxane

Concen: 7.073 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

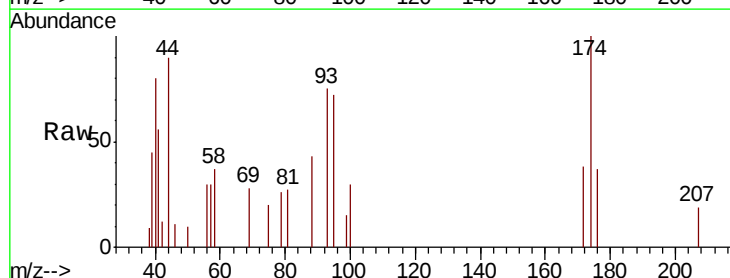
Tgt Ion: 88 Resp: 469

Ion Ratio Lower Upper

88 100

43 53.1 24.9 37.3#

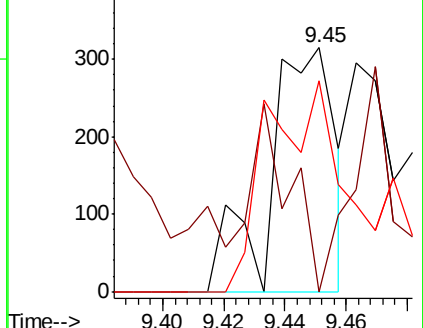
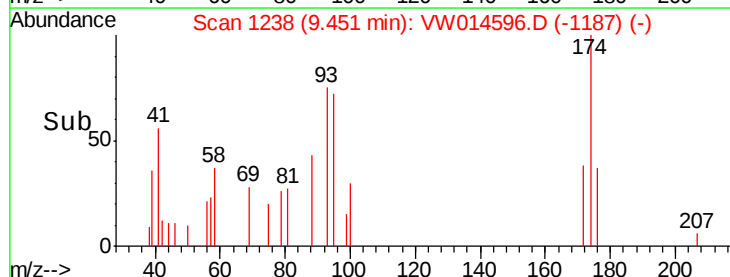
58 100.4 56.9 85.3#

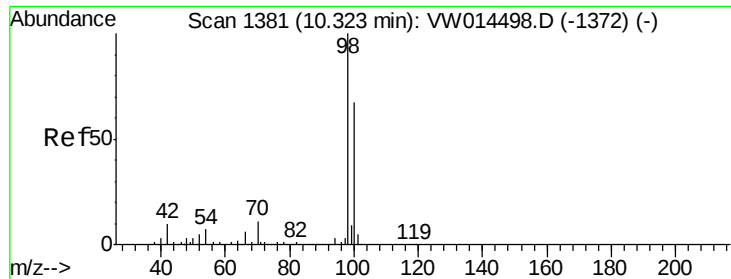


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

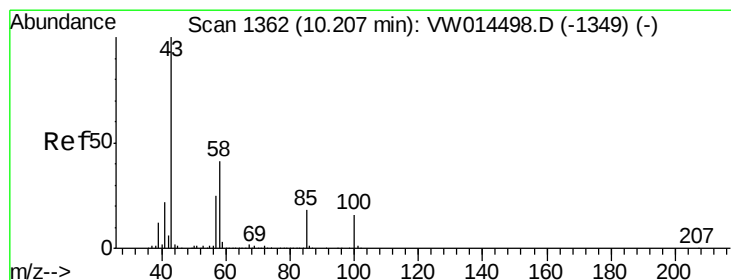
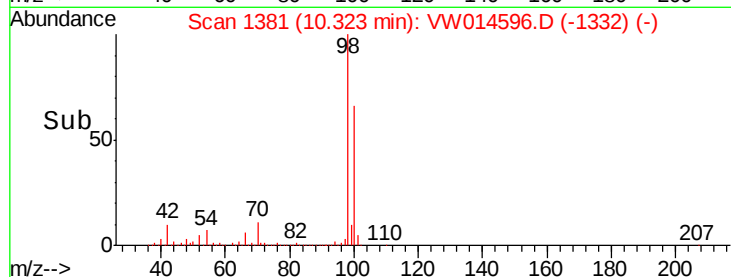
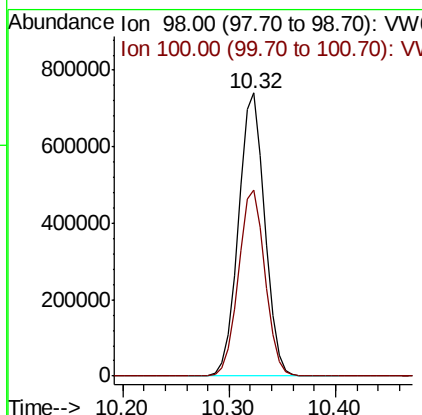
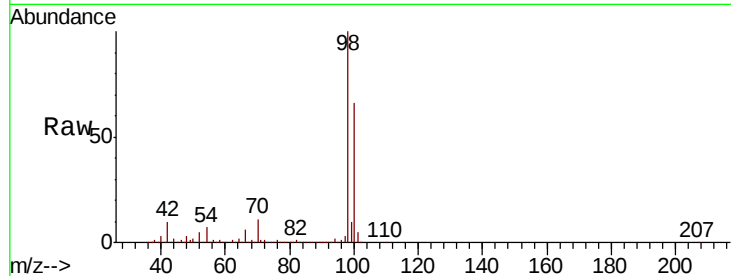




#50
Toluene-d8
Concen: 50.299 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014596.D
Acq: 10 Jan 2020 13:36

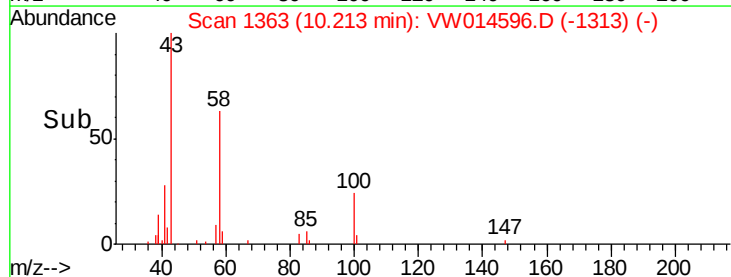
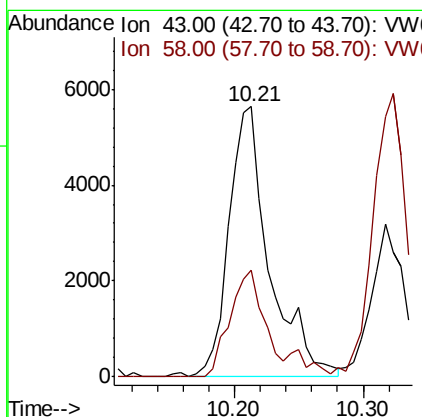
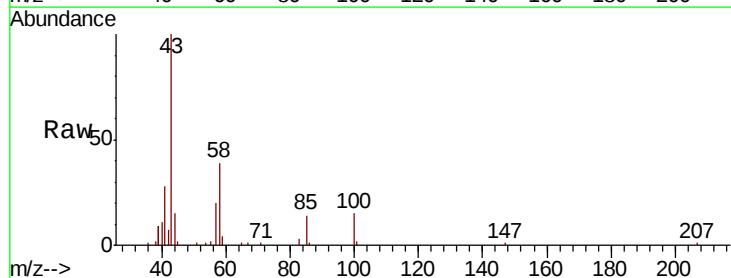
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBL01

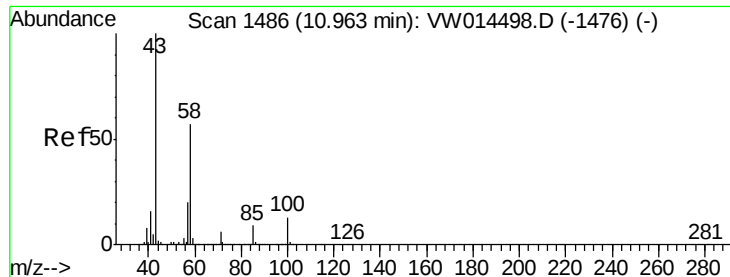
Tot Ion: 98 Resp: 1287207
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 2.791 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW014596.D
Acq: 10 Jan 2020 13:36

Tgt Ion: 43 Resp: 12349
Ion Ratio Lower Upper
43 100
58 33.3 32.7 49.1





#59

2-Hexanone

Concen: 1.995 ug/l

RT: 10.98 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

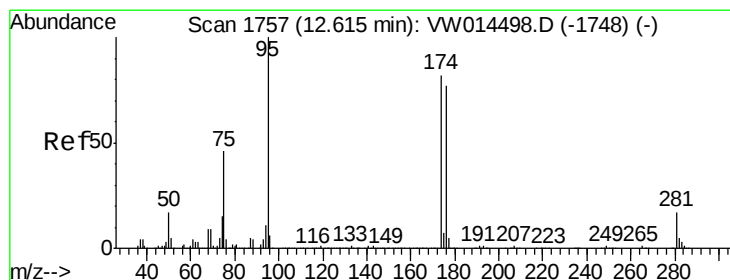
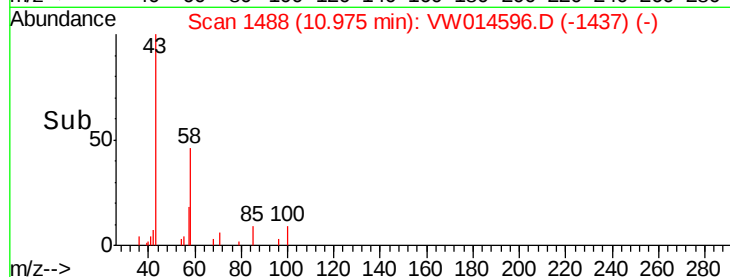
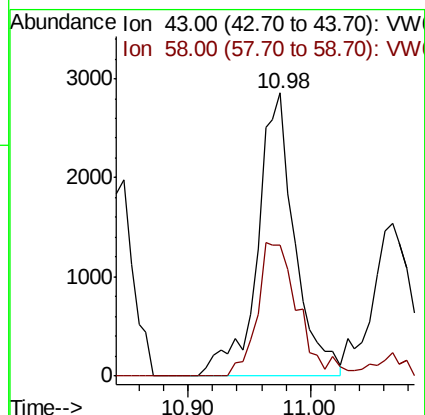
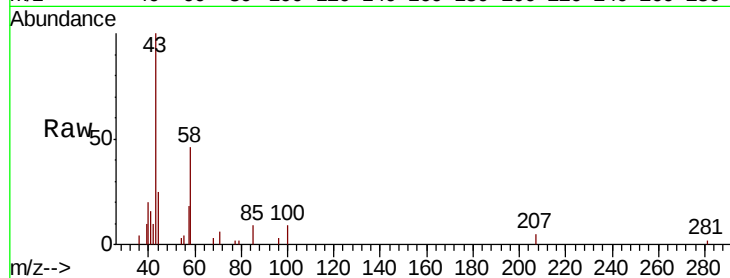
VW0110SBL01

Tot Ion: 43 Resp: 6082

Ion Ratio Lower Upper

43 100

58 51.5 28.7 86.3



#62

4-Bromofluorobenzene

Concen: 49.097 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

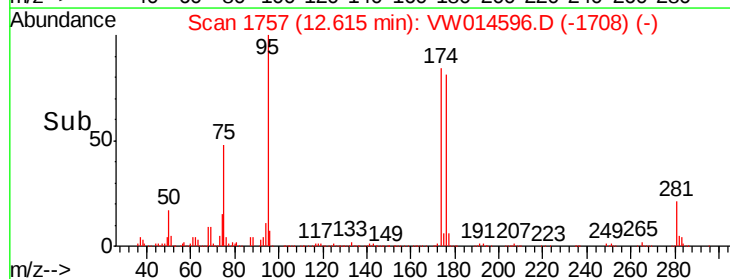
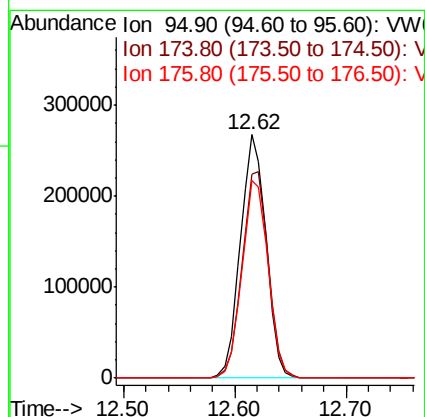
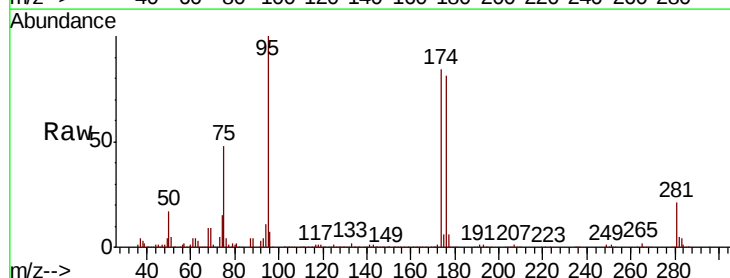
Tgt Ion: 95 Resp: 426167

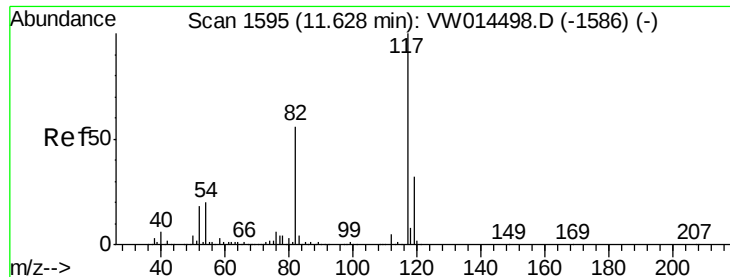
Ion Ratio Lower Upper

95 100

174 87.2 0.0 168.6

176 82.6 0.0 162.0

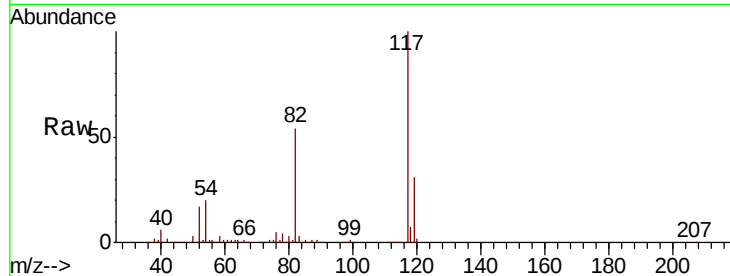




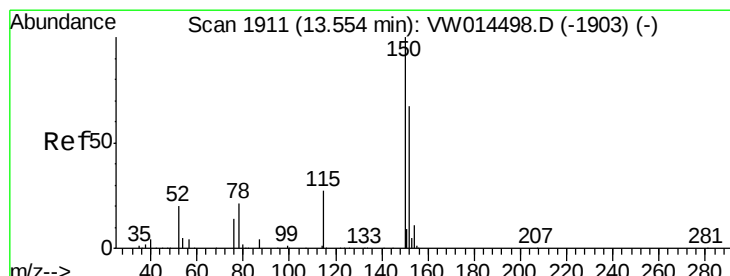
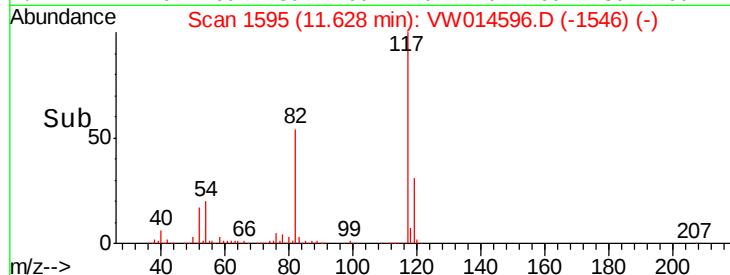
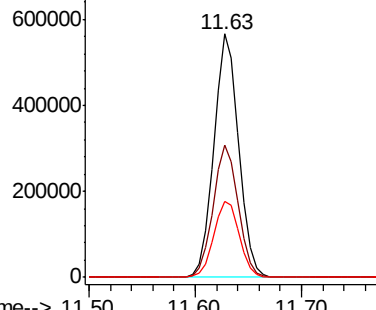
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014596.D
Acq: 10 Jan 2020 13:36

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.6	67.0
119	31.1	25.7	38.5

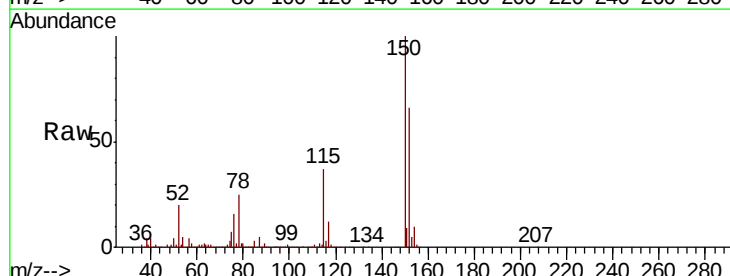


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

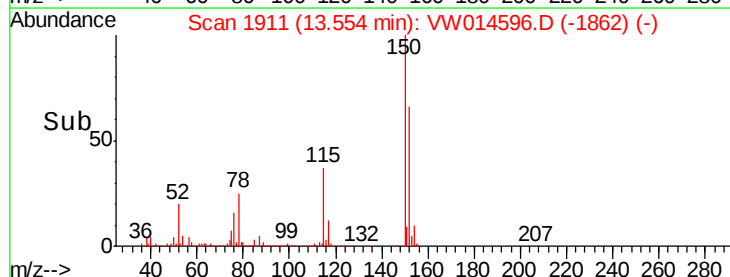
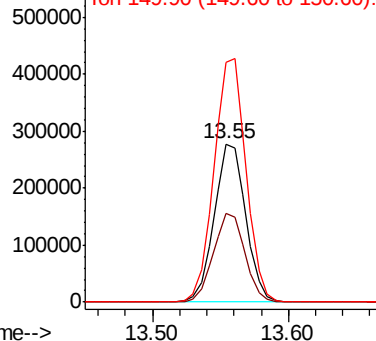


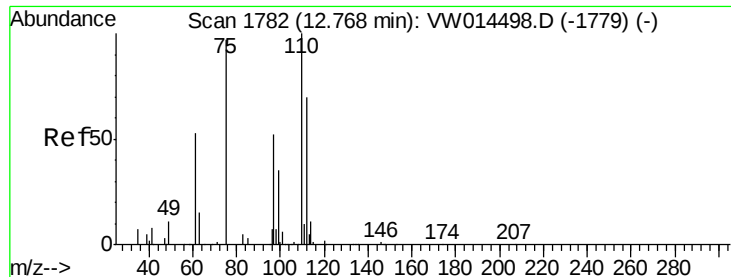
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014596.D
Acq: 10 Jan 2020 13:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.7	83.1
150	155.8	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





#76

1,2,3-Trichloropropane

Concen: 47.764 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

Instrument :

MSVOA_W

ClientSampled :

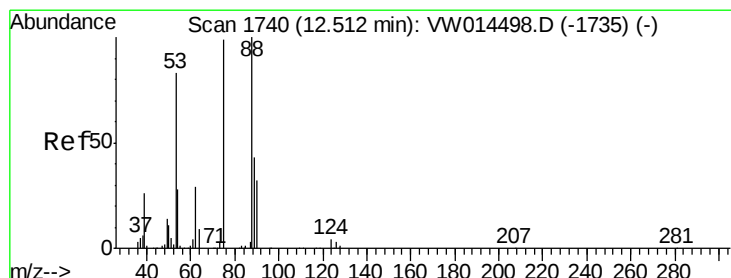
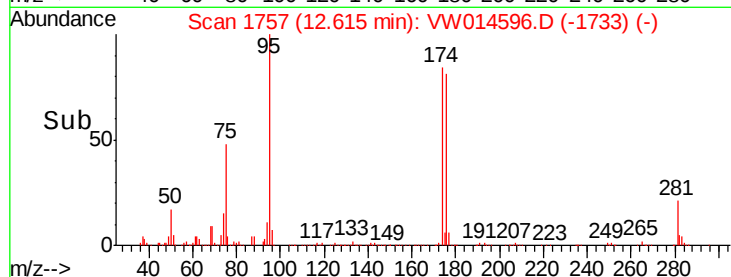
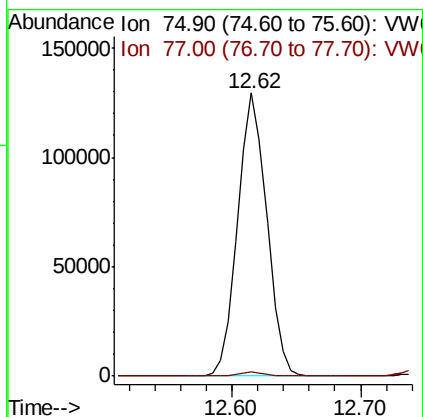
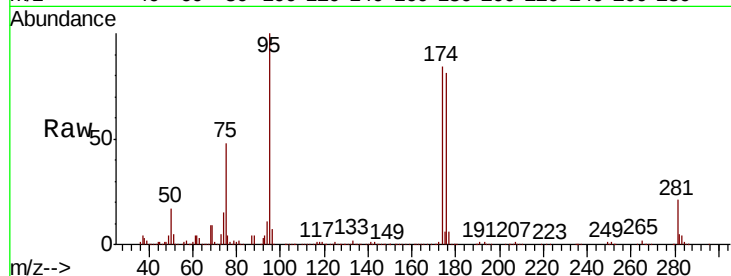
VW0110SBL01

Tot Ion: 75 Resp: 202878

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 106.421 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014596.D

Acq: 10 Jan 2020 13:36

Tgt Ion: 75 Resp: 202878

Ion Ratio Lower Upper

75 100

53 0.1 70.9 106.3#

89 0.1 35.8 53.8#

