

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014518.D
 Acq On : 06 Jan 2020 12:41
 Operator : SY/VA
 Sample : VW0106SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBL01

Quant Time: Jan 07 02:39:35 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	787815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1209212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1042758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	468288	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	347410	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
35) Dibromofluoromethane	7.88	113	343584	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
50) Toluene-d8	10.32	98	1376632	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	12.62	95	446873	45.68	ug/l	0.00
Spiked Amount			Recovery	=	91.36%	

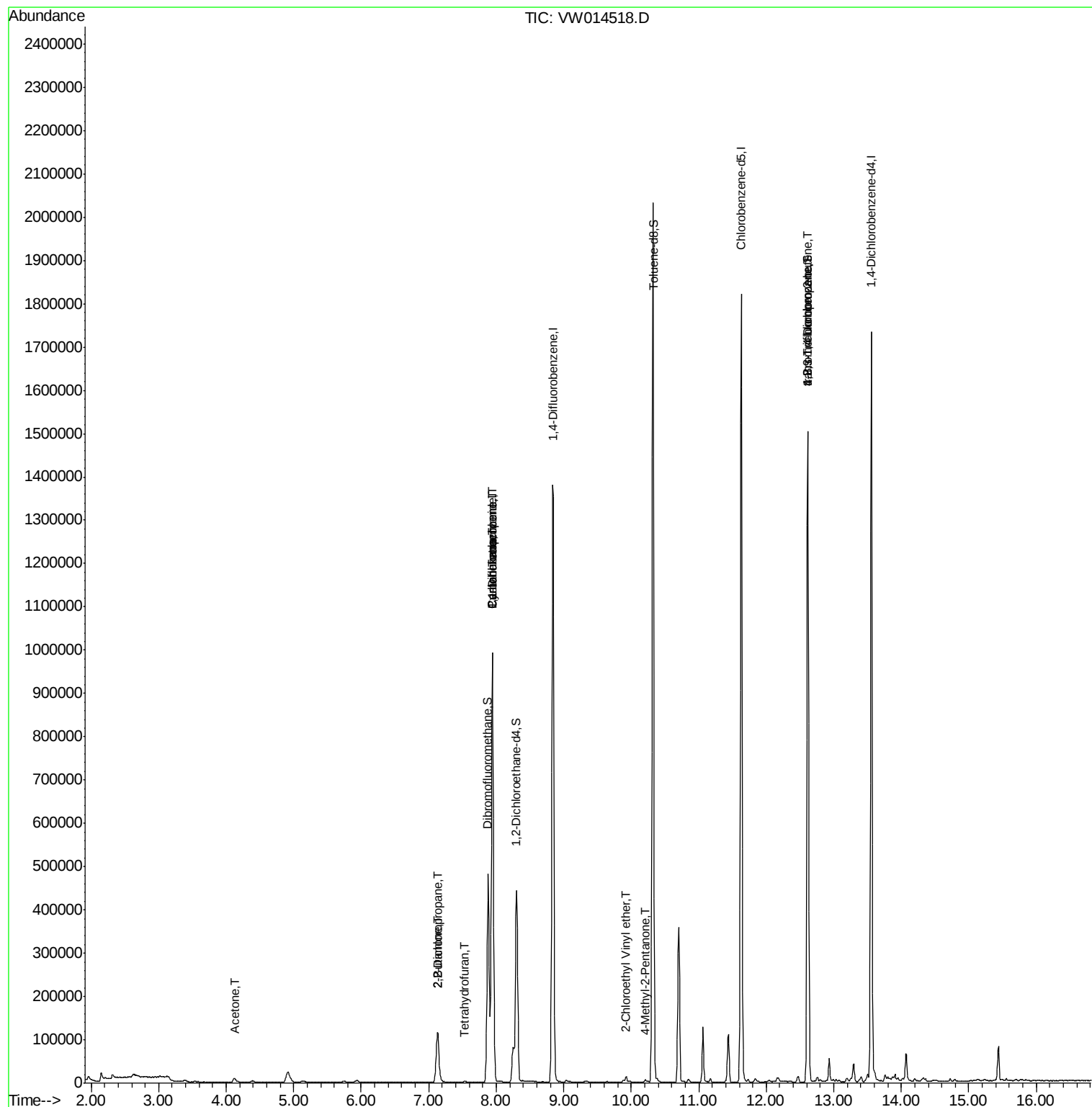
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	5578	Below Cal	#	84
16) Acetone	4.12	43	19949	10.257	ug/l	99
20) Methylene Chloride	4.92	84	20642	Below Cal		91
25) 2-Butanone	7.13	43	7247	2.903	ug/l #	66
26) 2,2-Dichloropropane	7.13	77	8540	1.090	ug/l #	50
29) Tetrahydrofuran	7.53	42	1809	1.170	ug/l #	91
31) Cyclohexane	7.94	56	15127	1.029	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	58099	4.984	ug/l #	49
38) Carbon Tetrachloride	7.95	117	73020	7.220	ug/l #	15
51) 4-Methyl-2-Pentanone	10.21	43	5103	1.024	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	6323	2.741	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	216547	48.908	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	216547	108.970	ug/l #	14

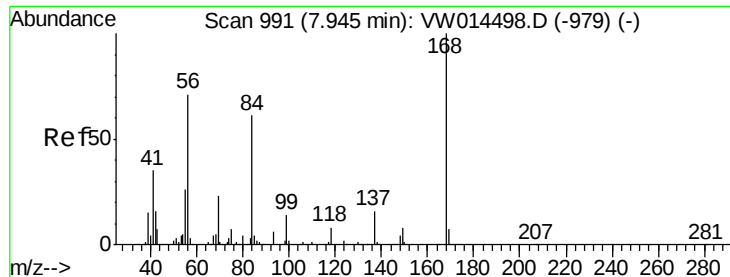
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
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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: VW014518.D

Acq: 06 Jan 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

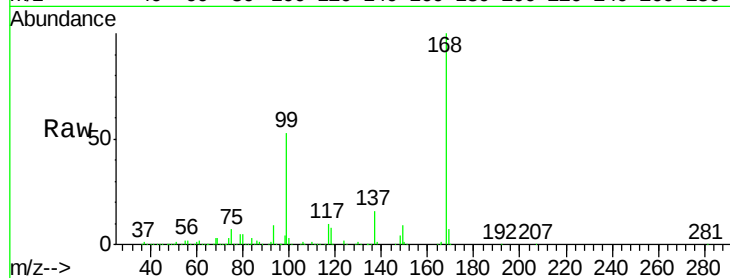
VW0106SBL01

Tgt Ion:168 Resp: 787815

Ion Ratio Lower Upper

168 100

99 53.1 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

400000

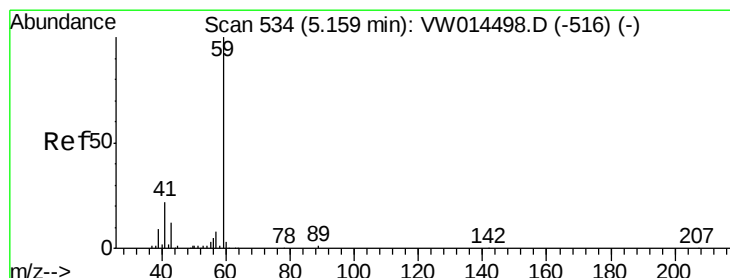
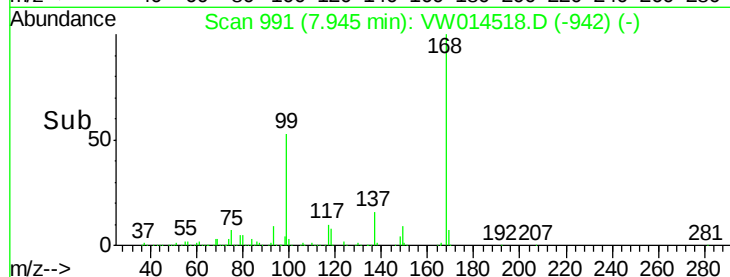
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.01 min

Lab File: VW014518.D

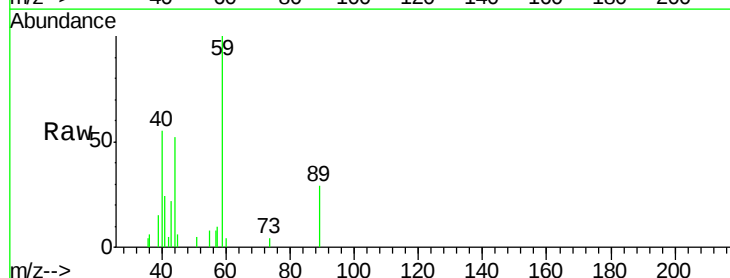
Acq: 06 Jan 2020 12:41

Tgt Ion: 59 Resp: 5578

Ion Ratio Lower Upper

59 100

57 4.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

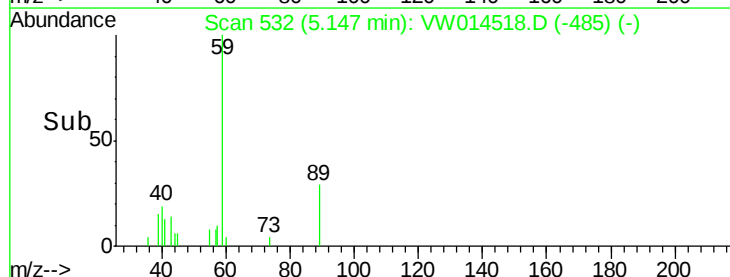
1500

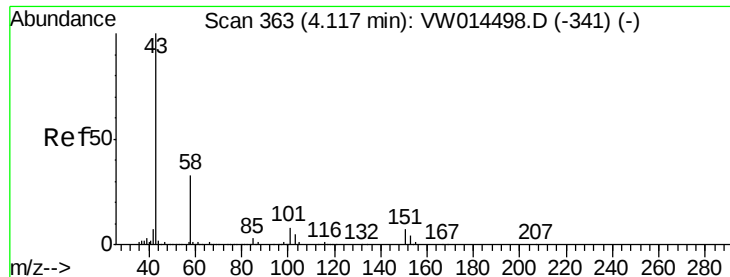
1000

500

0

Time--> 5.00 5.10 5.20

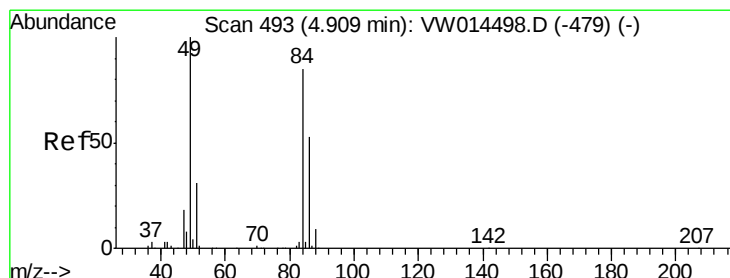
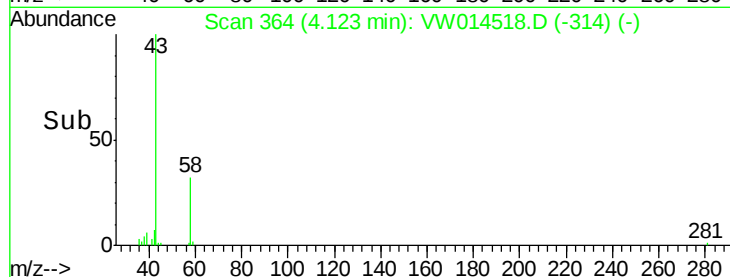
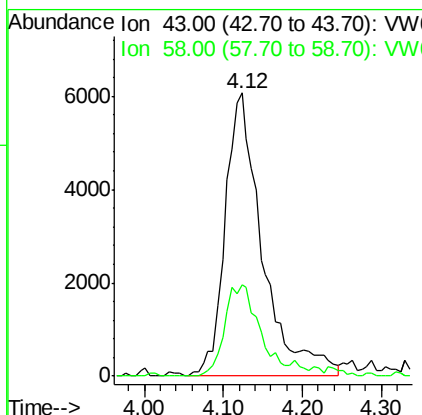
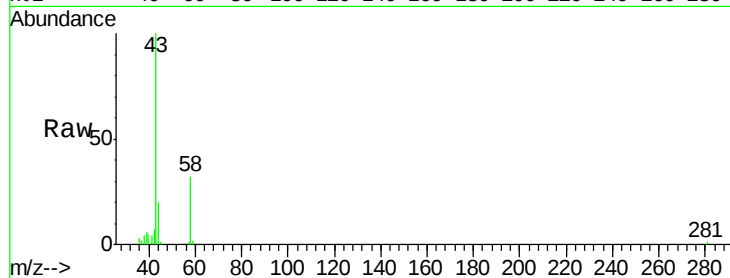




#16
Acetone
Concen: 10.257 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014518.D
Acq: 06 Jan 2020 12:41

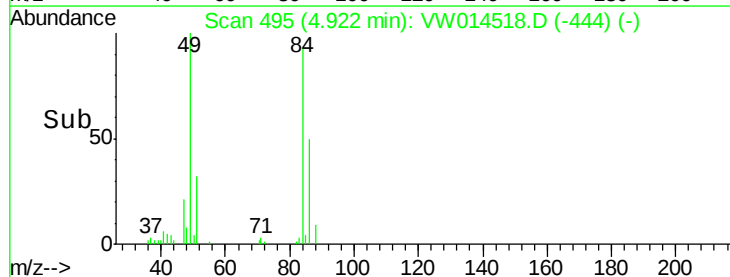
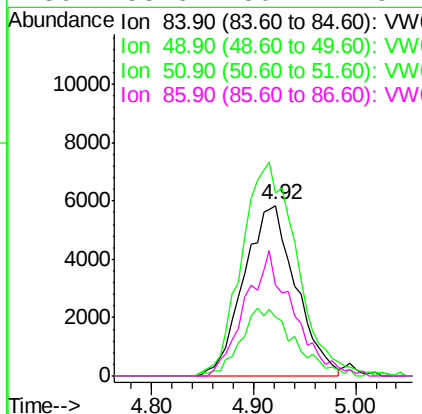
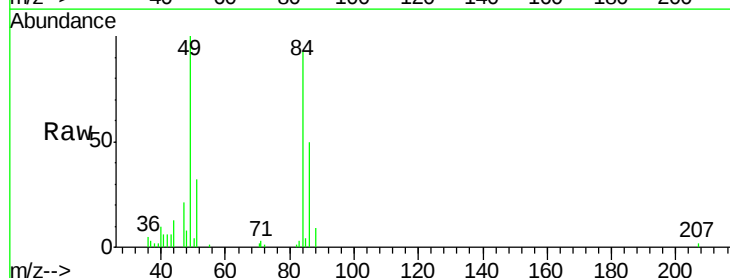
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBL01

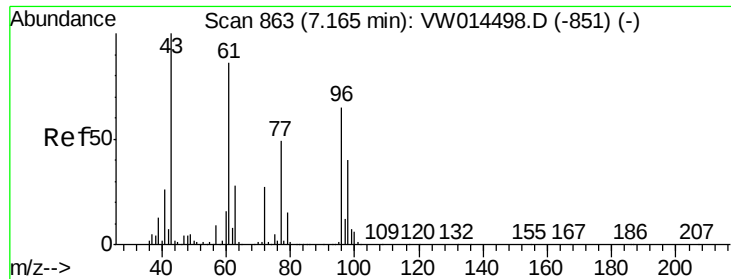
Tgt Ion: 43 Resp: 19949
Ion Ratio Lower Upper
43 100
58 32.4 26.6 39.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014518.D
Acq: 06 Jan 2020 12:41

Tgt Ion: 84 Resp: 20642
Ion Ratio Lower Upper
84 100
49 107.3 94.4 141.6
51 34.7 29.5 44.3
86 53.6 50.2 75.2





#25

2-Butanone

Concen: 2.903 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW014518.D

Acq: 06 Jan 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

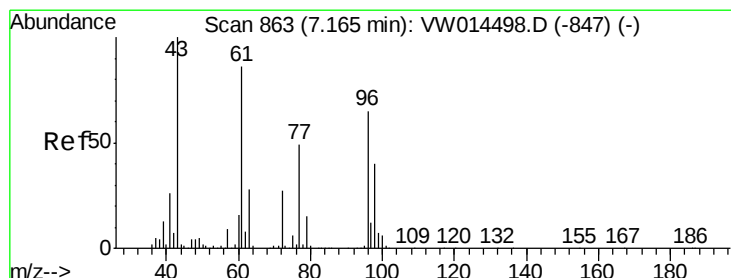
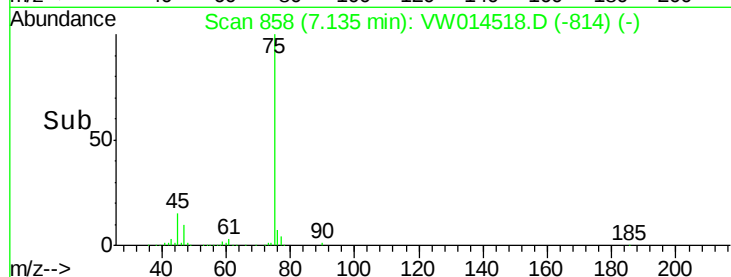
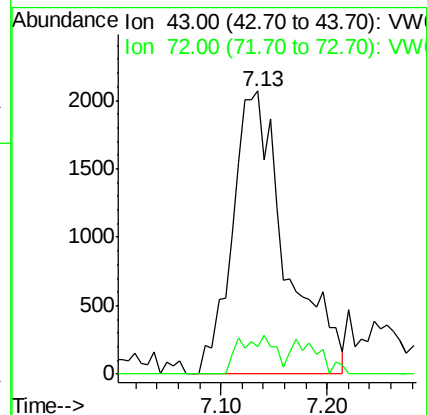
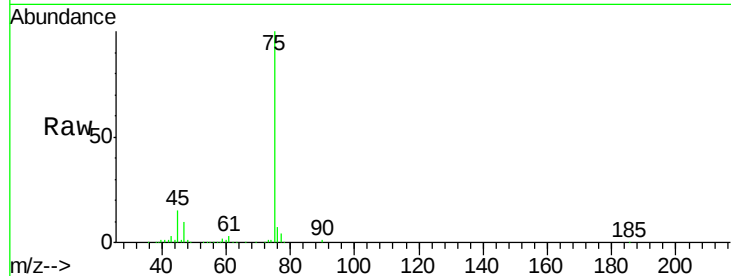
VW0106SBL01

Tgt Ion: 43 Resp: 7247

Ion Ratio Lower Upper

43 100

72 9.5 21.9 32.9#



#26

2,2-Dichloropropane

Concen: 1.090 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW014518.D

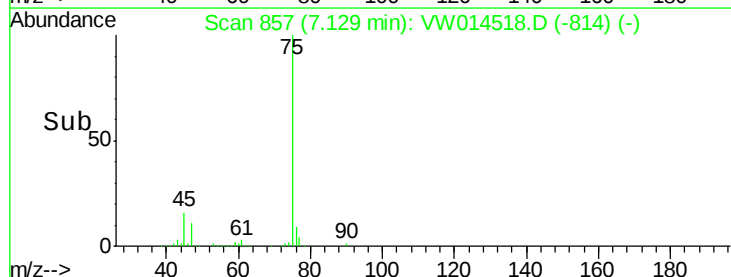
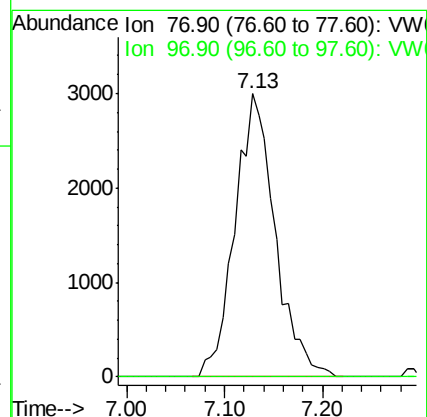
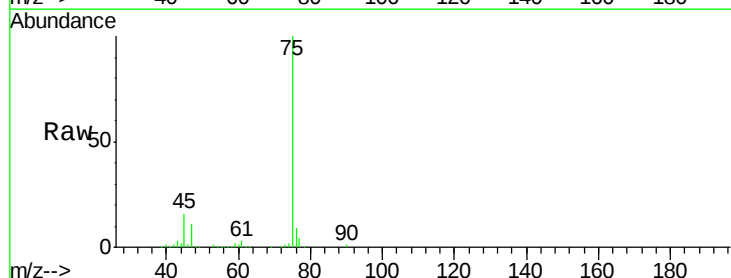
Acq: 06 Jan 2020 12:41

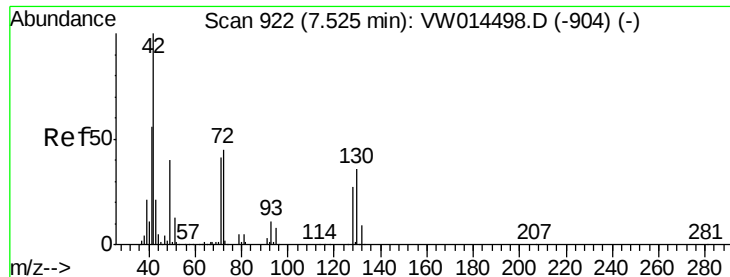
Tgt Ion: 77 Resp: 8540

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#

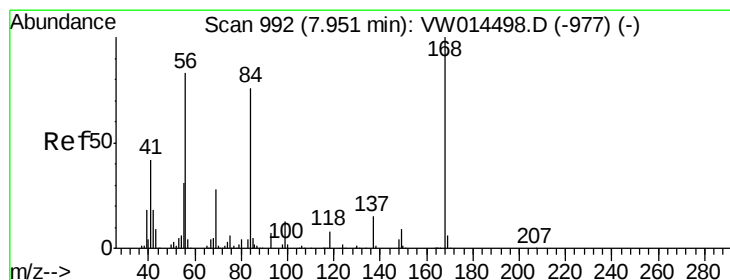
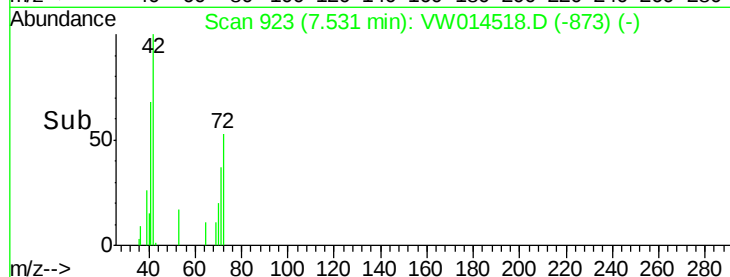
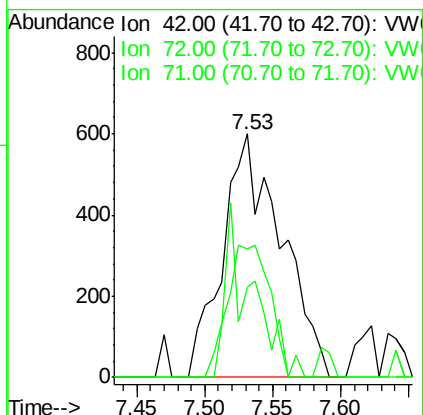
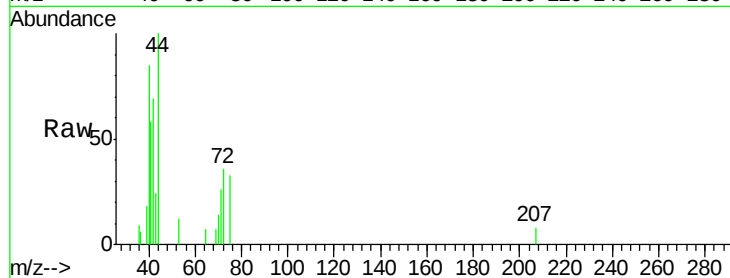




#29
Tetrahydrofuran
Concen: 1.170 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW014518.D
Acq: 06 Jan 2020 12:41

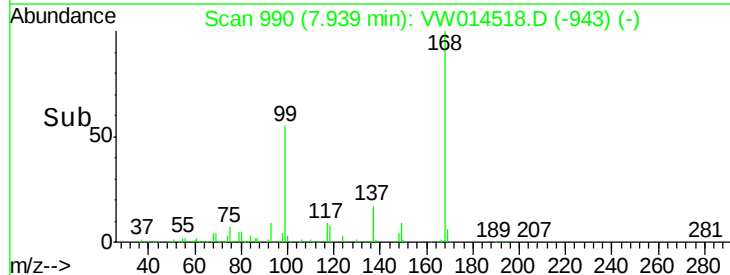
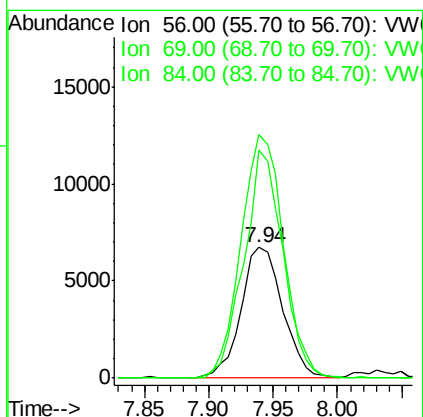
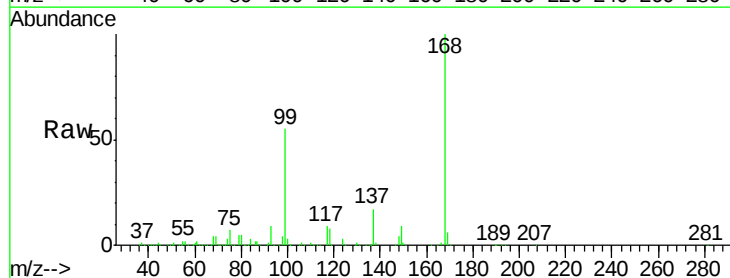
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBL01

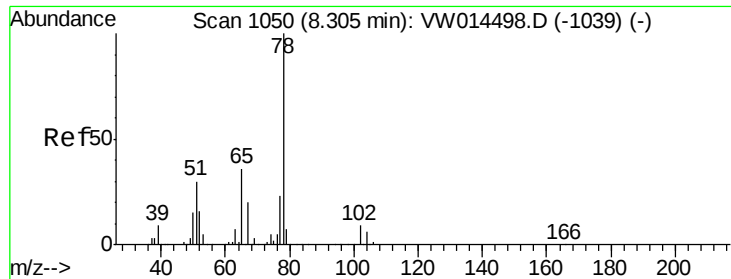
Tgt Ion: 42 Resp: 1809
Ion Ratio Lower Upper
42 100
72 40.2 34.5 51.7
71 30.8 32.0 48.0#



#31
Cyclohexane
Concen: 1.029 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW014518.D
Acq: 06 Jan 2020 12:41

Tgt Ion: 56 Resp: 15127
Ion Ratio Lower Upper
56 100
69 186.5 26.8 40.2#
84 174.5 71.8 107.6#

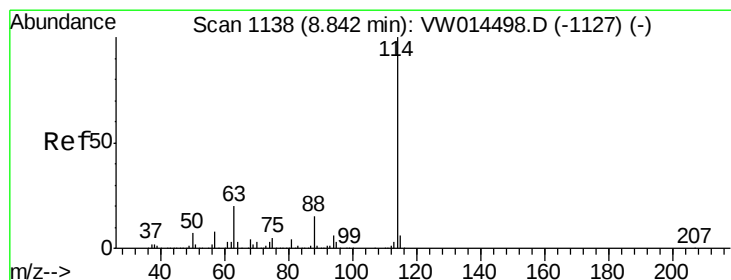
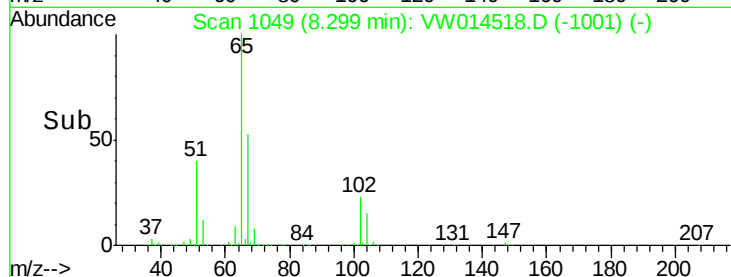
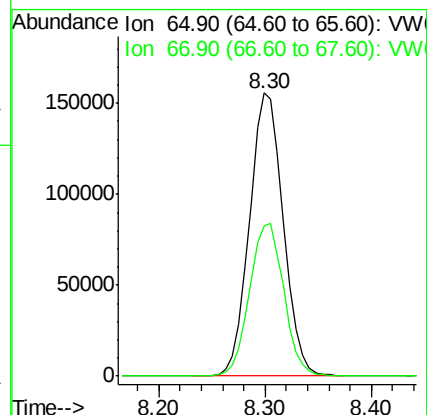
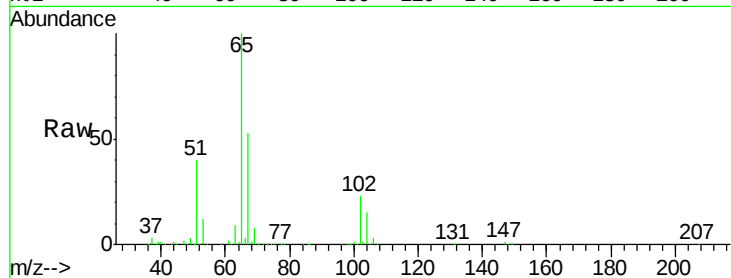




#33
 1,2-Dichloroethane-d4
 Concen: 50.437 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014518.D
 Acq: 06 Jan 2020 12:41

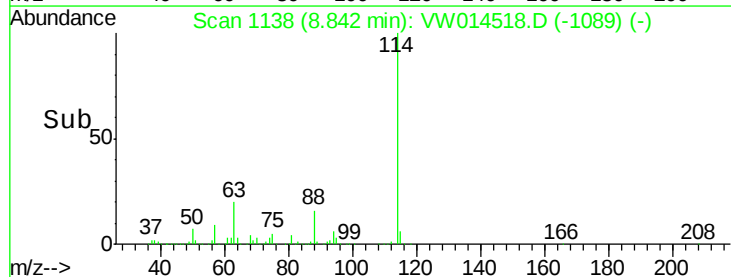
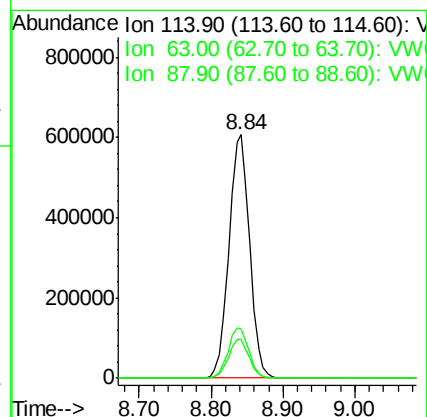
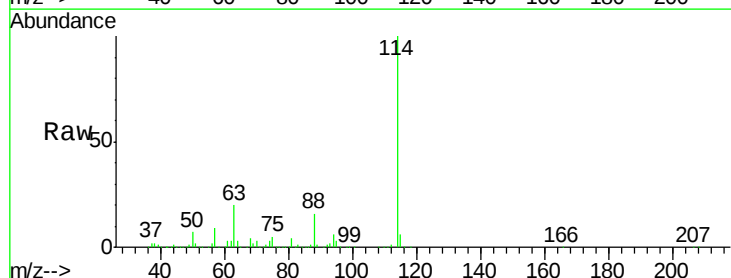
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 VW0106SBL01

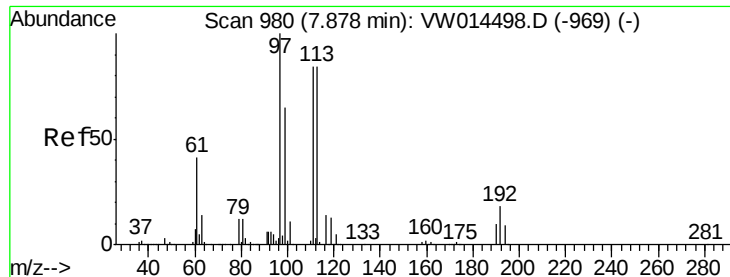
Tgt Ion: 65 Resp: 347410
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014518.D
 Acq: 06 Jan 2020 12:41

Tgt Ion: 114 Resp: 1209212
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.4
 88 15.8 0.0 30.6

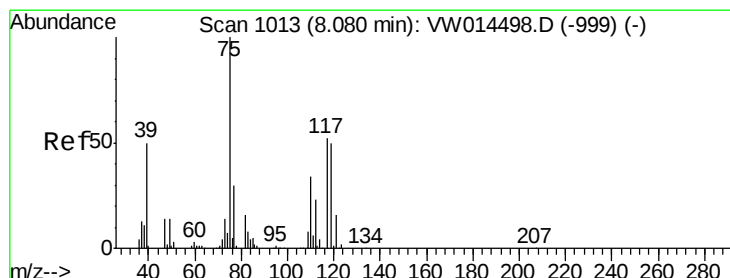
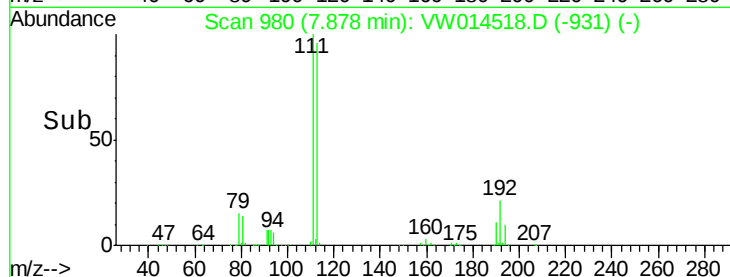
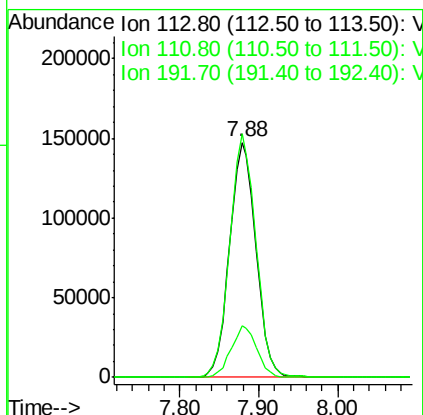
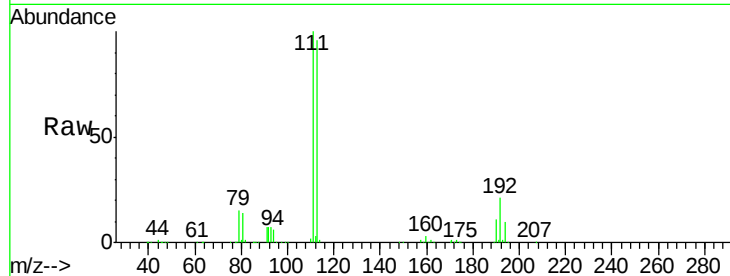




#35
 Dibromofluoromethane
 Concen: 49.717 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014518.D
 Acq: 06 Jan 2020 12:41

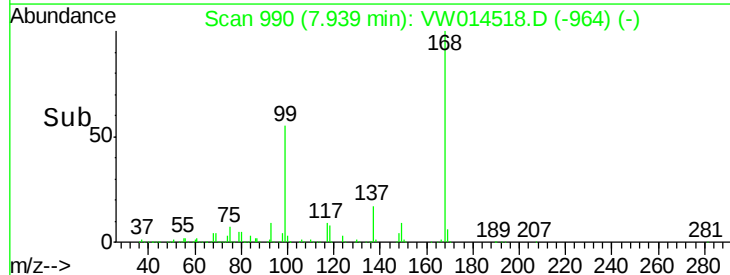
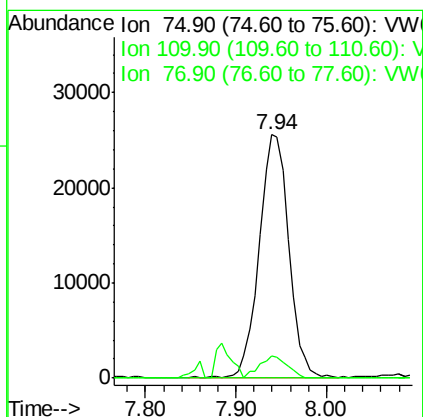
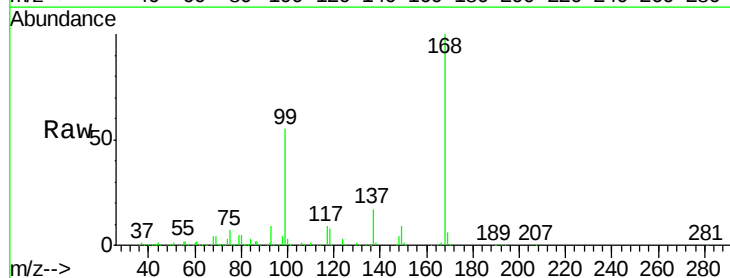
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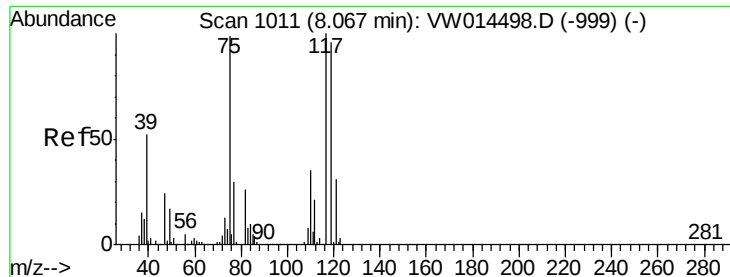
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.2
192	21.4	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.984 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW014518.D
 Acq: 06 Jan 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.5#
77	0.1	24.7	37.1#

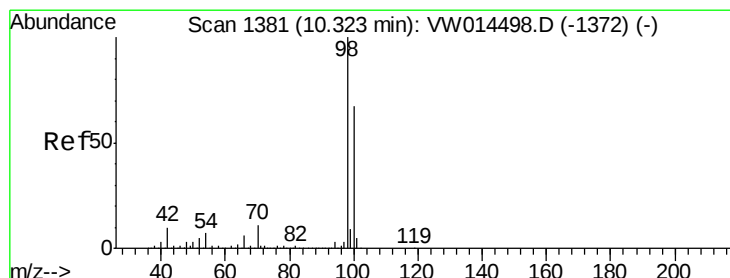
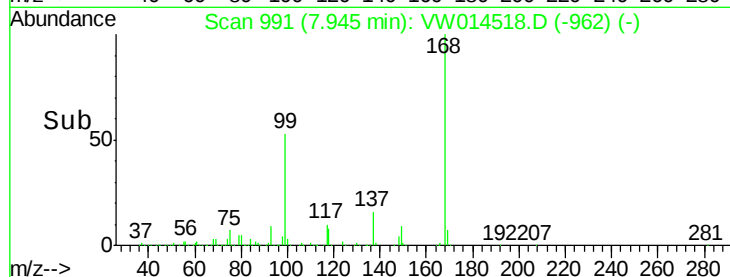
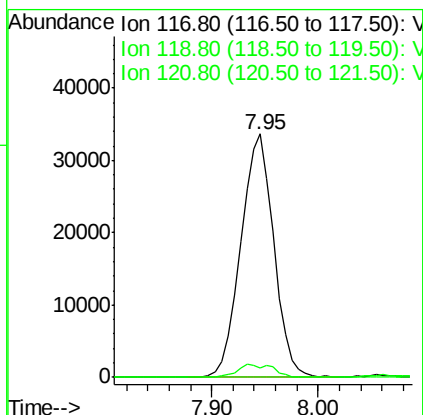
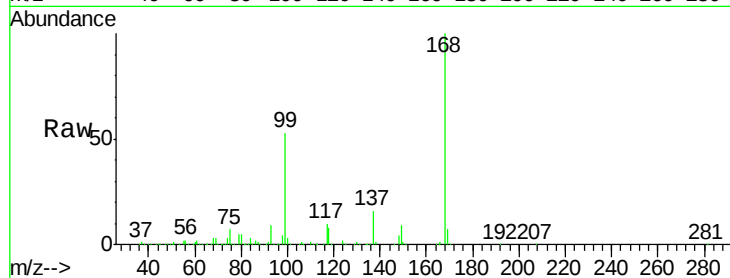




#38
Carbon Tetrachloride
Concen: 7.220 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014518.D
Acq: 06 Jan 2020 12:41

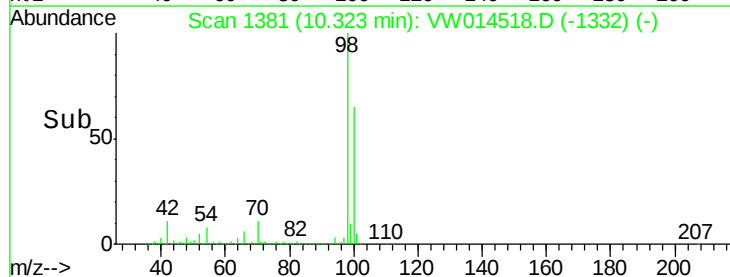
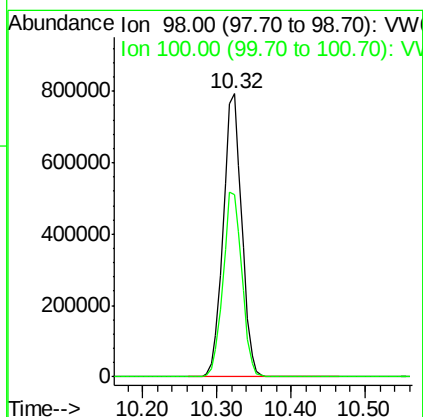
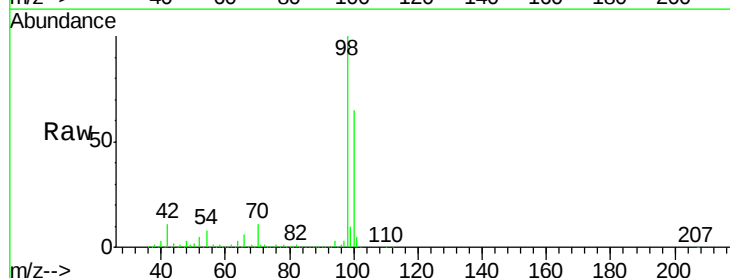
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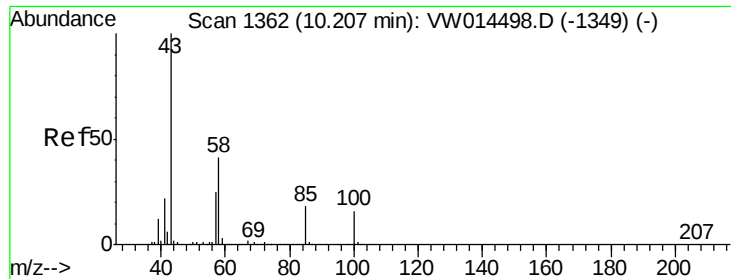
Tgt Ion:117 Resp: 73020
Ion Ratio Lower Upper
117 100
119 4.0 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.732 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014518.D
Acq: 06 Jan 2020 12:41

Tgt Ion: 98 Resp: 1376632
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6

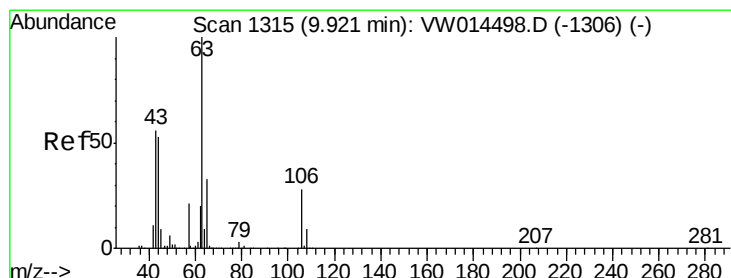
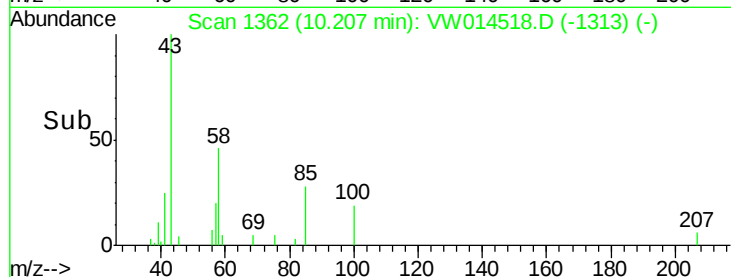
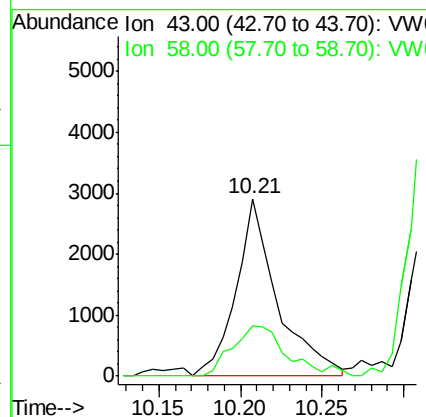
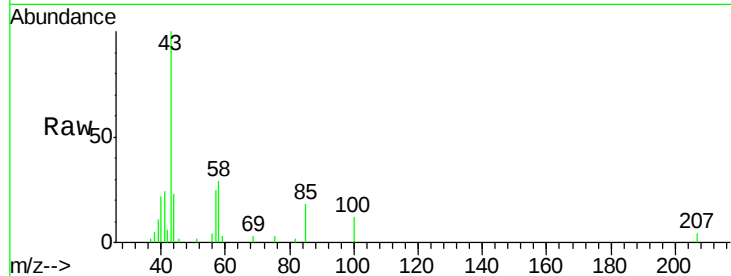




#51
 4-Methyl-2-Pentanone
 Concen: 1.024 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW014518.D
 Acq: 06 Jan 2020 12:41

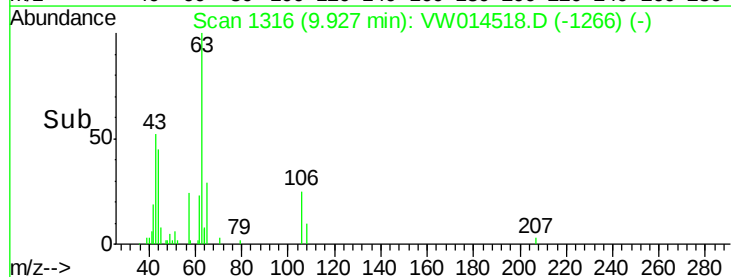
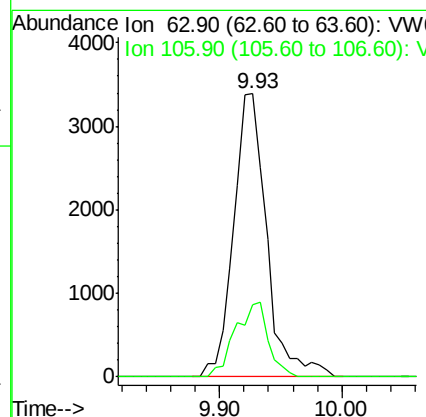
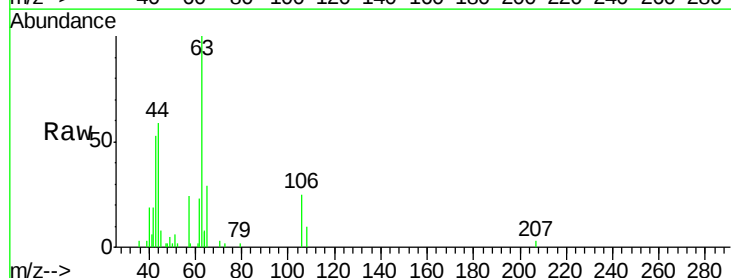
Instrument :
 MSVOA_W
 ClientSampled :
 VW0106SBL01

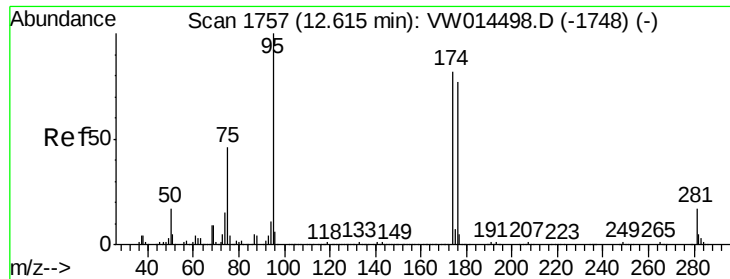
Tgt Ion: 43 Resp: 5103
 Ion Ratio Lower Upper
 43 100
 58 38.0 32.7 49.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.741 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW014518.D
 Acq: 06 Jan 2020 12:41

Tgt Ion: 63 Resp: 6323
 Ion Ratio Lower Upper
 63 100
 106 26.2 23.0 34.6

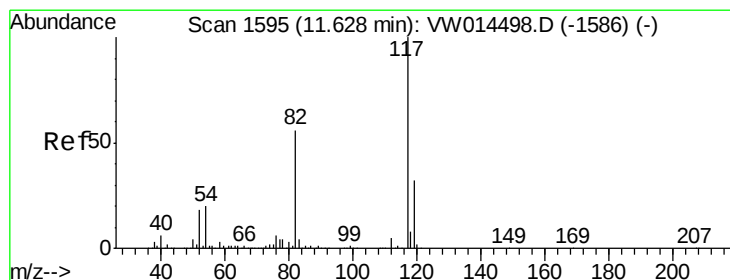
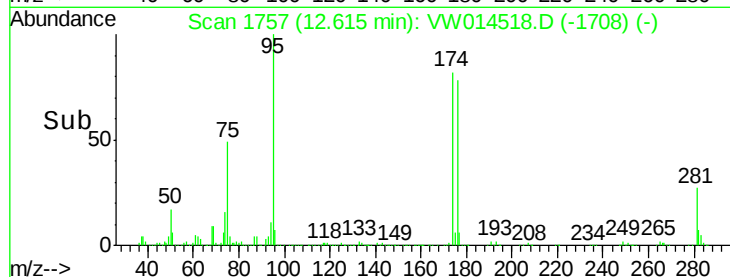
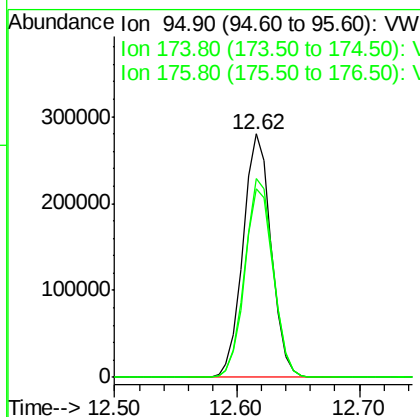
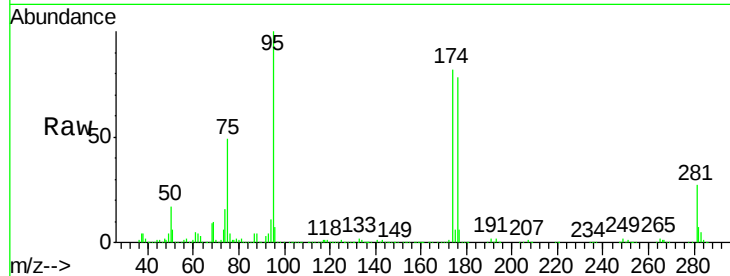




#62
4-Bromofluorobenzene
Concen: 45.681 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW014518.D
Acq: 06 Jan 2020 12:41

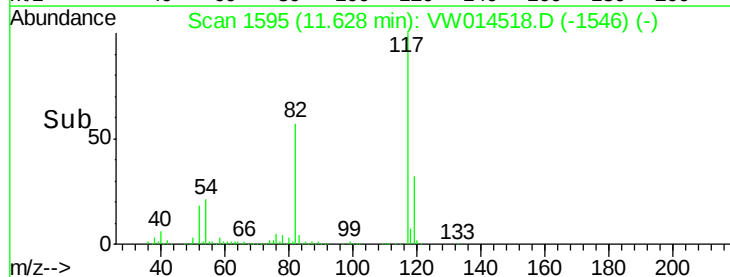
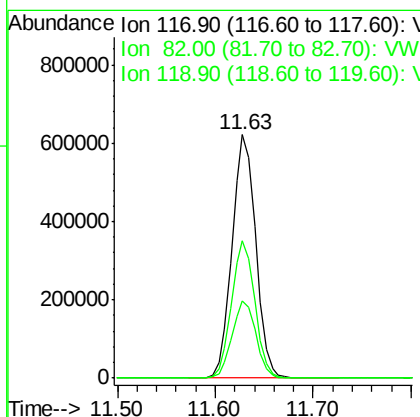
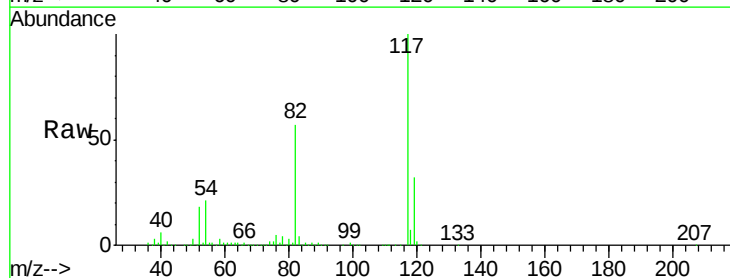
Instrument :
MSVOA_W
ClientSampleId :
VW0106SBL01

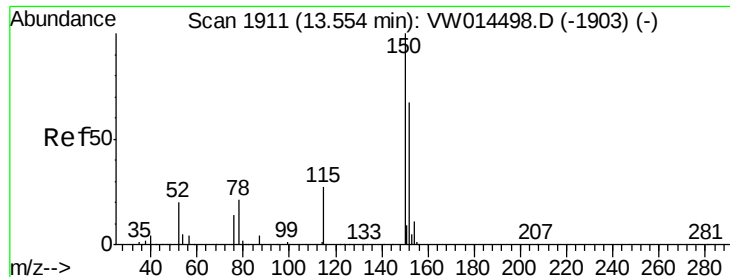
Tgt Ion: 95 Resp: 446873
Ion Ratio Lower Upper
95 100
174 83.1 0.0 168.6
176 79.5 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014518.D
Acq: 06 Jan 2020 12:41

Tgt Ion: 117 Resp: 1042758
Ion Ratio Lower Upper
117 100
82 56.6 44.6 67.0
119 31.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014518.D

Acq: 06 Jan 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBL01

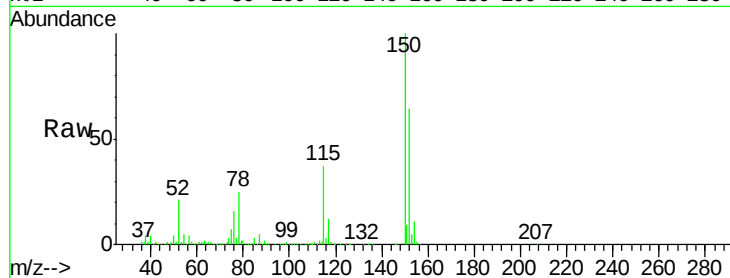
Tgt Ion:152 Resp: 468288

Ion Ratio Lower Upper

152 100

115 57.6 27.7 83.1

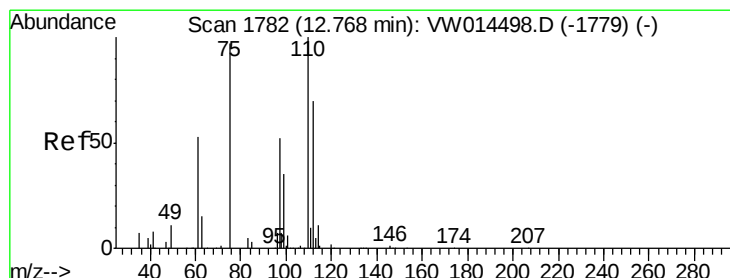
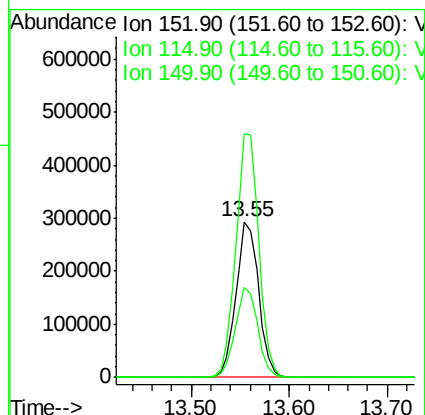
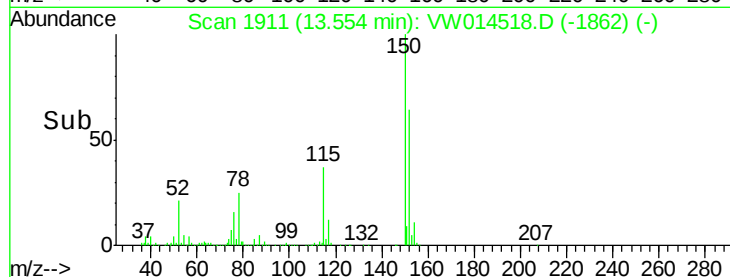
150 159.1 0.0 343.4



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: 48.908 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014518.D

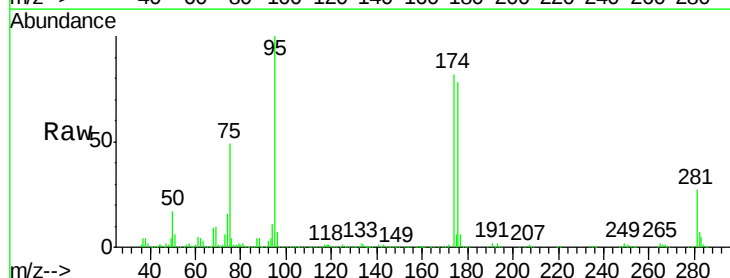
Acq: 06 Jan 2020 12:41

Tgt Ion: 75 Resp: 216547

Ion Ratio Lower Upper

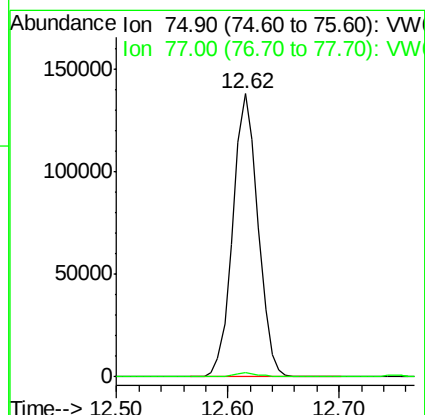
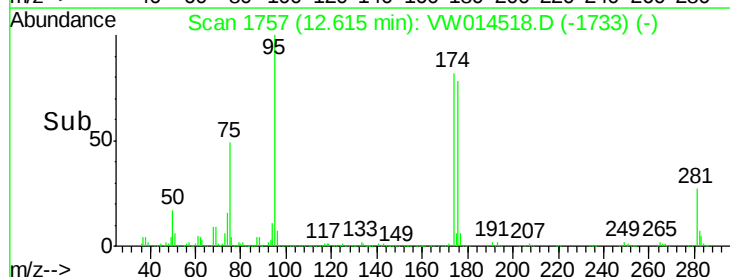
75 100

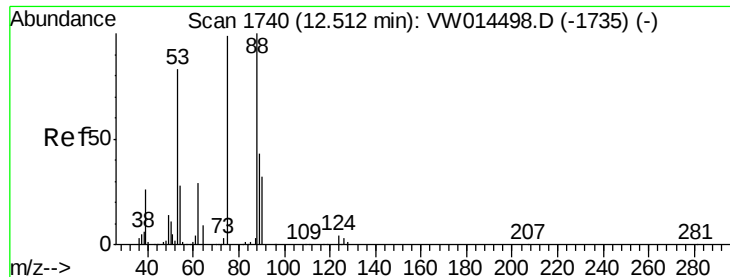
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 108.970 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014518.D

Acq: 06 Jan 2020 12:41

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBL01

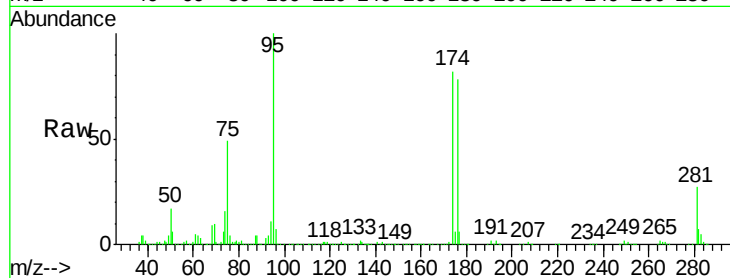
Tgt Ion: 75 Resp: 216547

Ion Ratio Lower Upper

75 100

53 0.2 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

