

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101020\
 Data File : VW016865.D
 Acq On : 09 Oct 2020 17:44
 Operator : SY/VA
 Sample : VW1010SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBL01

Quant Time: Oct 10 05:16:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	378195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	553430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	489370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244992	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	164254	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.78%		
35) Dibromofluoromethane	7.89	113	171005	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.82%		
50) Toluene-d8	10.33	98	651364	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.42%		
62) 4-Bromofluorobenzene	12.62	95	226364	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.22%		

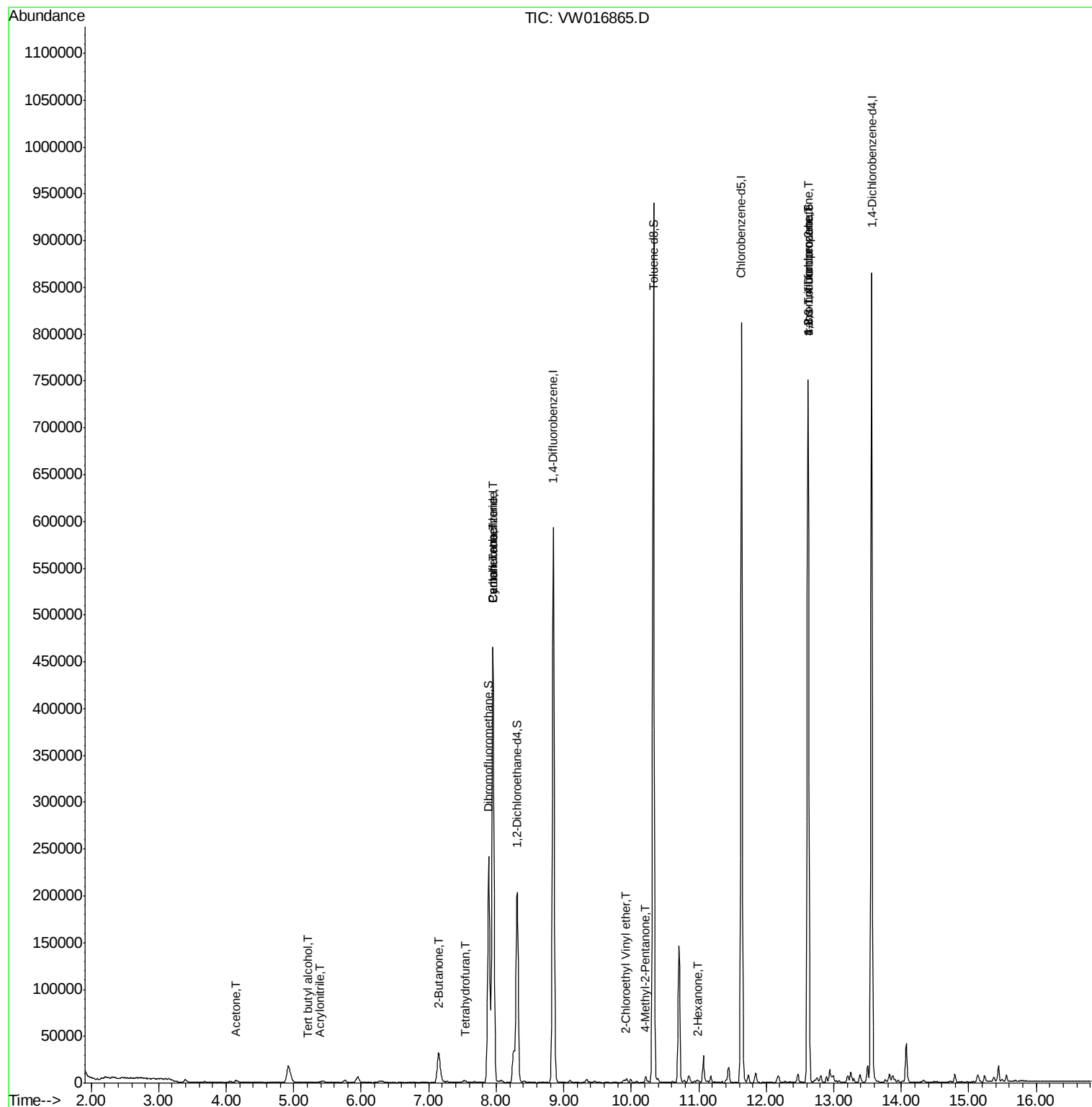
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	540	Below Cal	#	42
11) Tert butyl alcohol	5.21	59	191	1.270	ug/l #	82
15) Acrylonitrile	5.39	53	958	1.935	ug/l #	81
16) Acetone	4.15	43	4839	9.712	ug/l #	87
20) Methylene Chloride	4.92	84	16865	Below Cal		95
25) 2-Butanone	7.15	43	1320	1.987	ug/l #	75
29) Tetrahydrofuran	7.54	42	485	1.304	ug/l #	69
31) Cyclohexane	7.95	56	7200	1.546	ug/l #	6
38) Carbon Tetrachloride	7.95	117	33913	6.817	ug/l #	14
51) 4-Methyl-2-Pentanone	10.21	43	4541	2.998	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	2090	1.401	ug/l	98
59) 2-Hexanone	10.98	43	1714	1.710	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	109959	60.151	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	109959	161.680	ug/l #	11

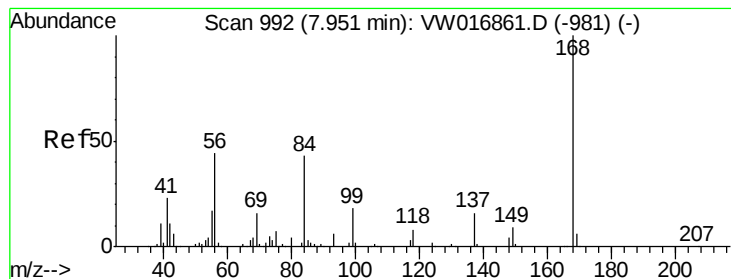
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW016865.D
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Quant Title : SW846 8260
QLast Update : Sat Oct 10 05:14:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016865.D

Acq: 09 Oct 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

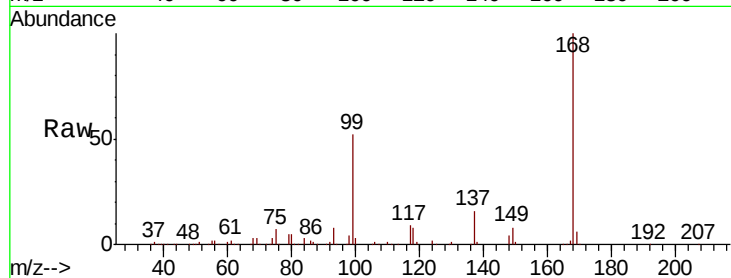
VW1010SBL01

Tot Ion:168 Resp: 378195

Ion Ratio Lower Upper

168 100

99 51.9 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

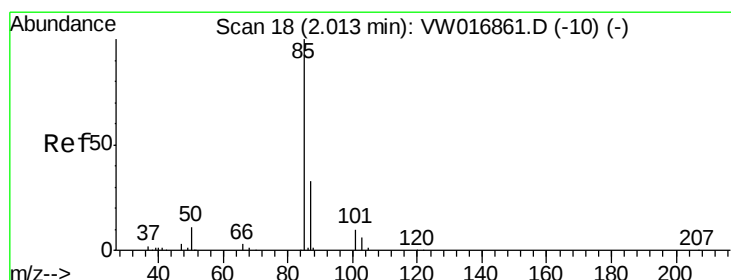
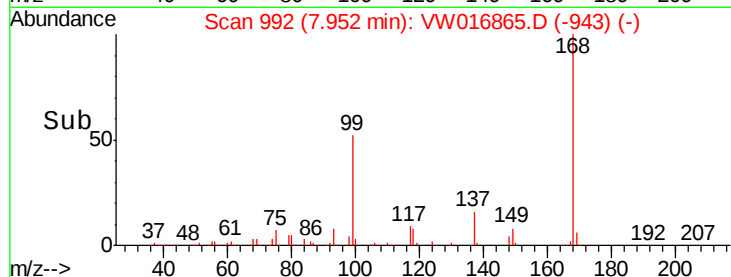
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016865.D

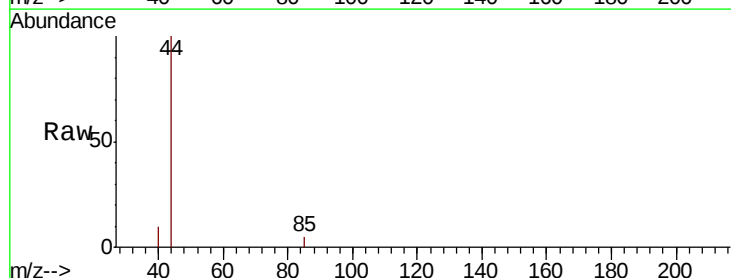
Acq: 09 Oct 2020 17:44

Tgt Ion: 85 Resp: 540

Ion Ratio Lower Upper

85 100

87 0.0 16.3 48.9#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

250

200

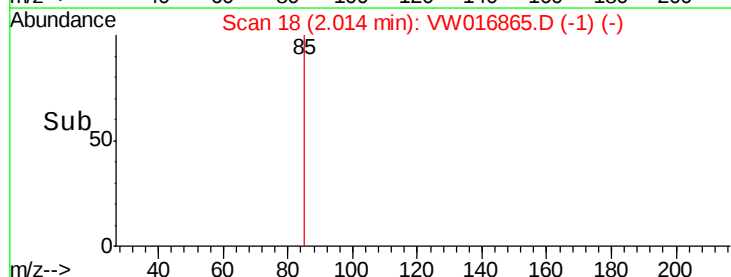
150

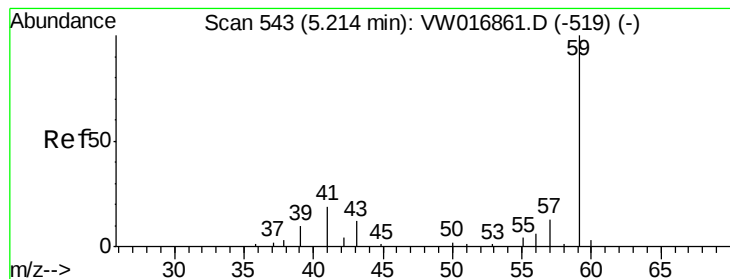
100

50

0

Time-->



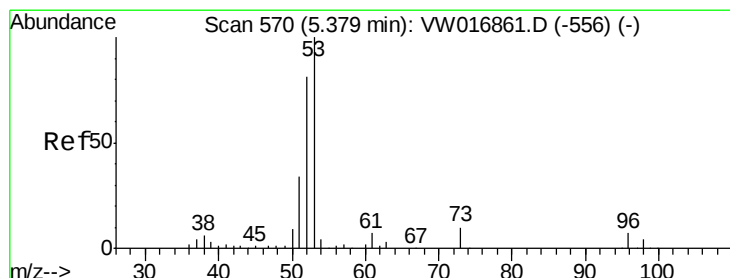
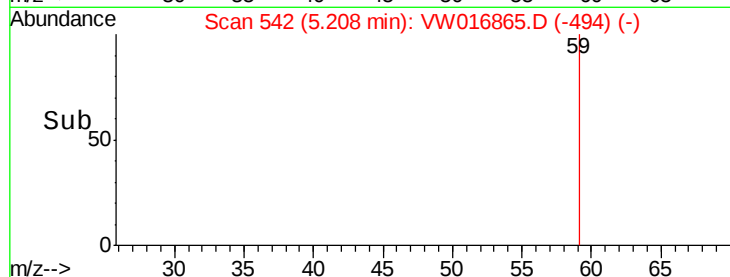
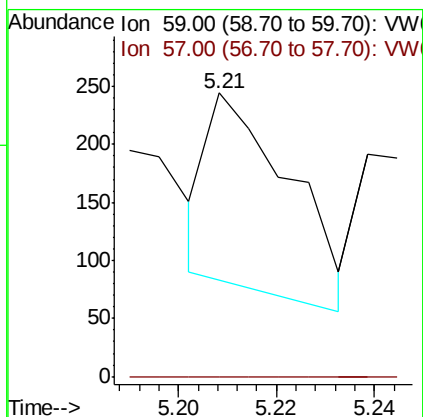
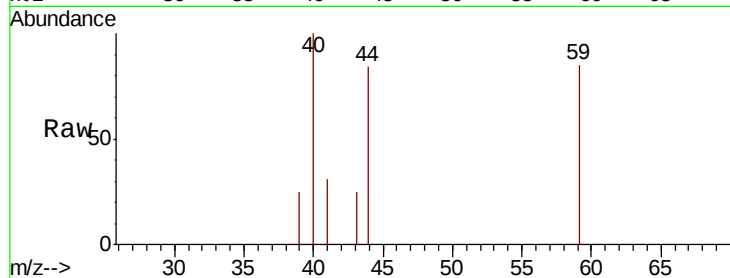


#11

Tert butvl alcohol
 Concen: 1.270 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: VW016865.D
 Acq: 09 Oct 2020 17:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBL01

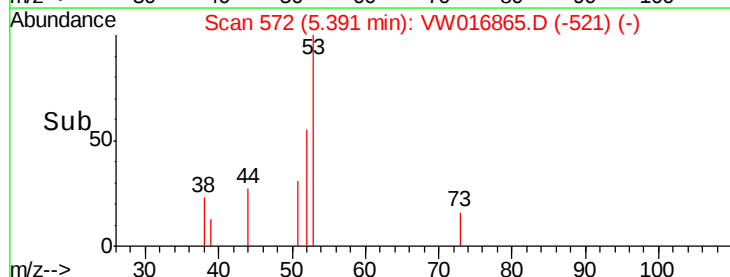
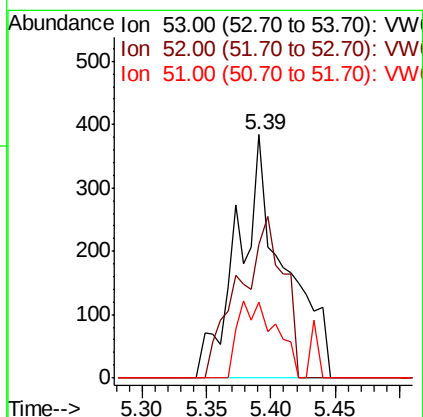
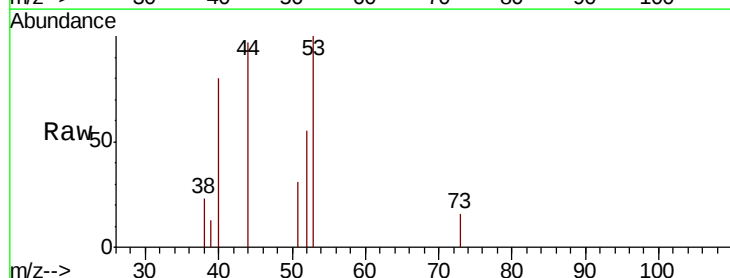
Tot Ion: 59 Resp: 191
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.7 7.1#

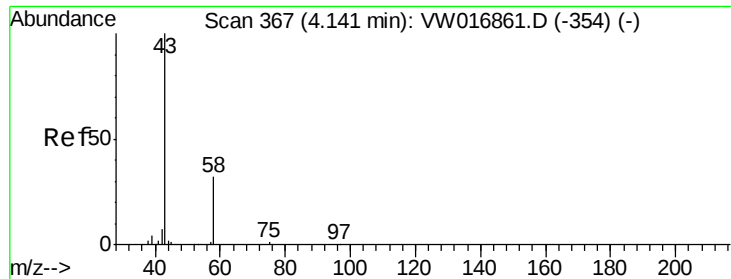


#15

Acrylonitrile
 Concen: 1.935 ug/l
 RT: 5.39 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VW016865.D
 Acq: 09 Oct 2020 17:44

Tgt Ion: 53 Resp: 958
 Ion Ratio Lower Upper
 53 100
 52 63.9 65.0 97.4#
 51 26.1 29.1 43.7#





#16

Acetone

Concen: 9.712 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016865.D

Acq: 09 Oct 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

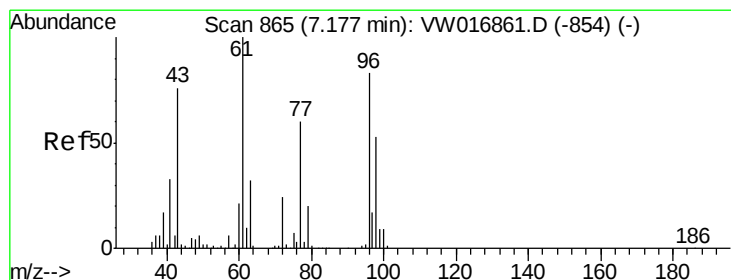
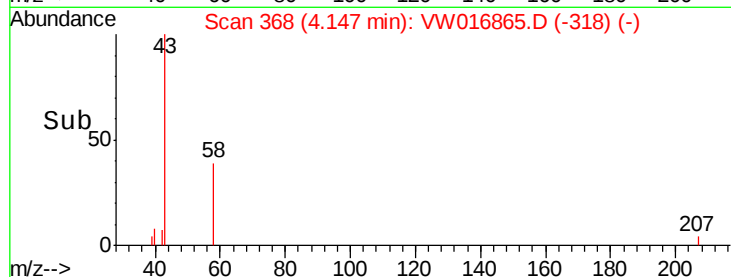
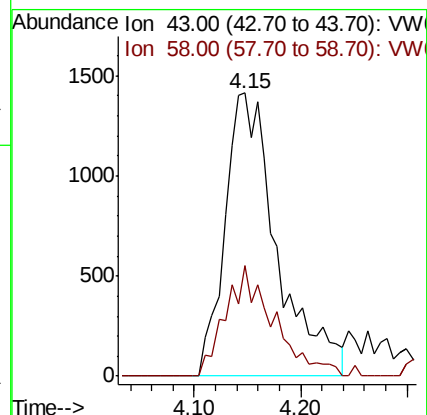
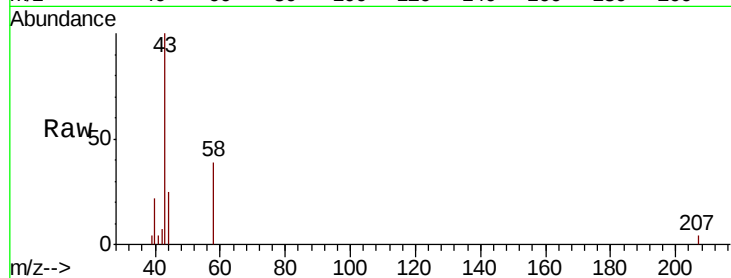
VW1010SBL01

Tot Ion: 43 Resp: 4839

Ion Ratio Lower Upper

43 100

58 39.1 25.7 38.5#



#25

2-Butanone

Concen: 1.987 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: VW016865.D

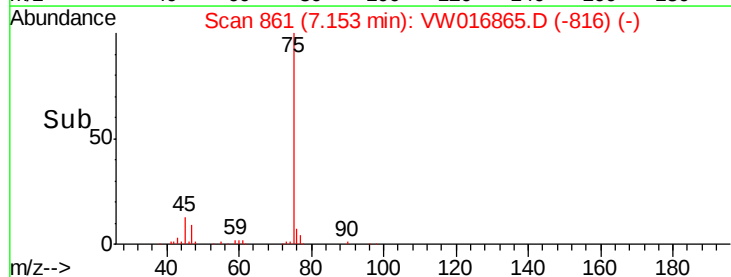
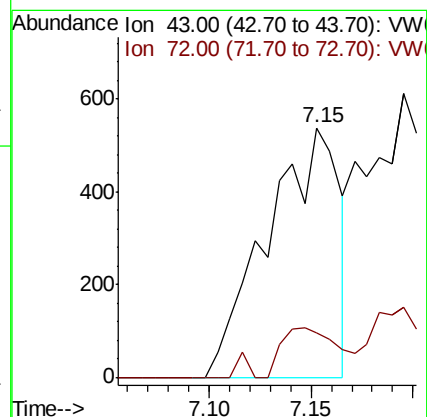
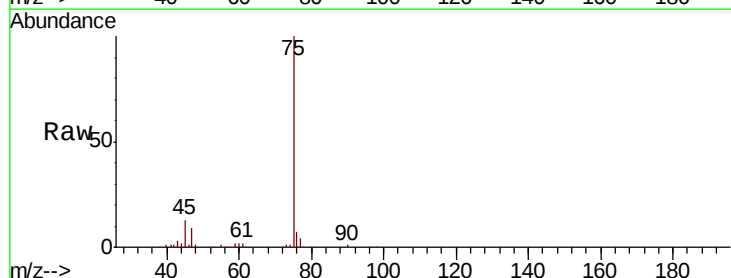
Acq: 09 Oct 2020 17:44

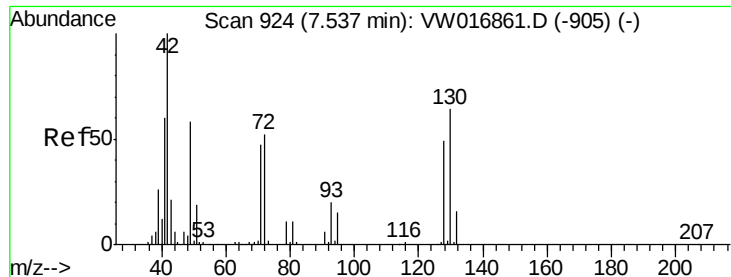
Tgt Ion: 43 Resp: 1320

Ion Ratio Lower Upper

43 100

72 17.8 25.4 38.2#

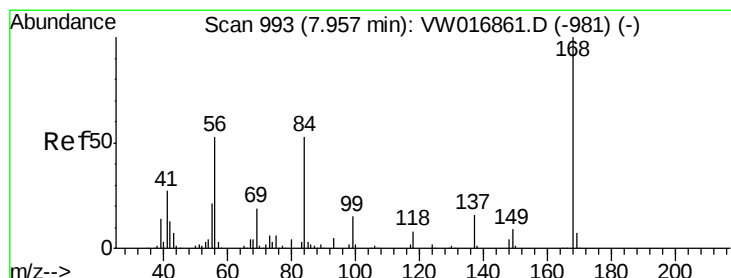
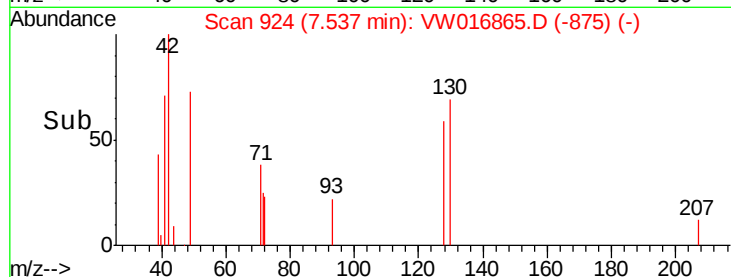
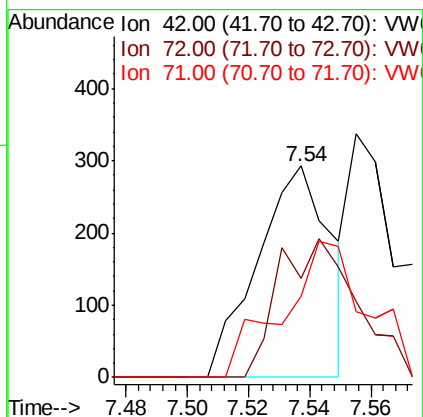
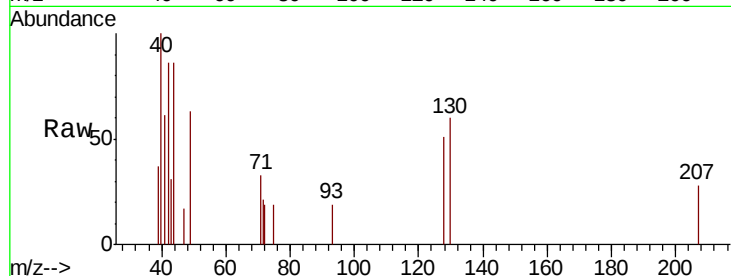




#29
Tetrahydrofuran
Concen: 1.304 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW016865.D
Acq: 09 Oct 2020 17:44

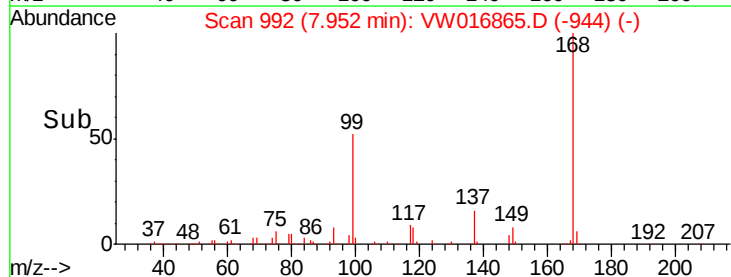
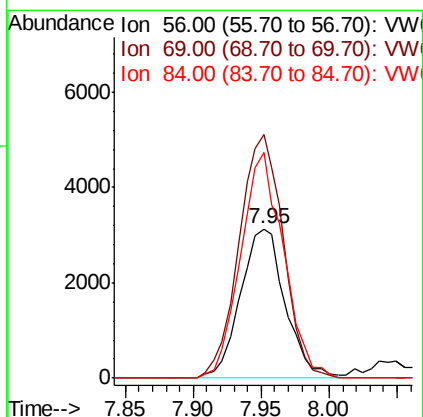
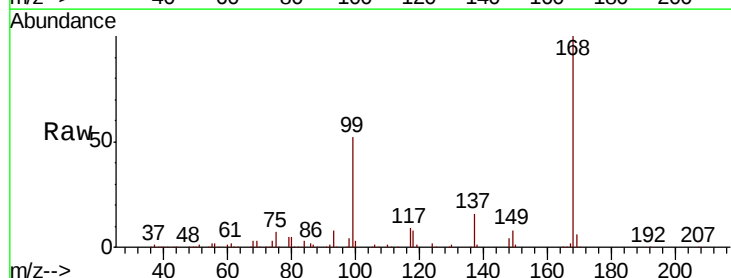
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBL01

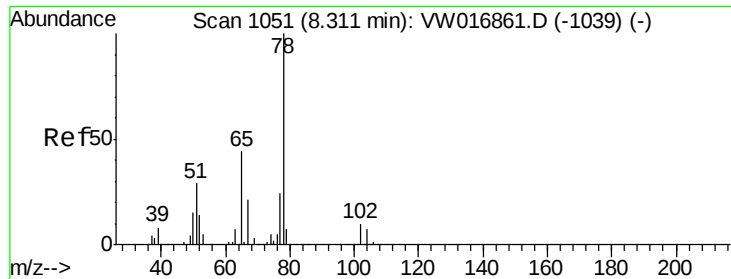
Tot Ion: 42 Resp: 485
Ion Ratio Lower Upper
42 100
72 70.7 42.0 63.0#
71 74.0 39.0 58.6#



#31
Cyclohexane
Concen: 1.546 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW016865.D
Acq: 09 Oct 2020 17:44

Tgt Ion: 56 Resp: 7200
Ion Ratio Lower Upper
56 100
69 163.5 29.3 43.9#
84 151.2 80.5 120.7#

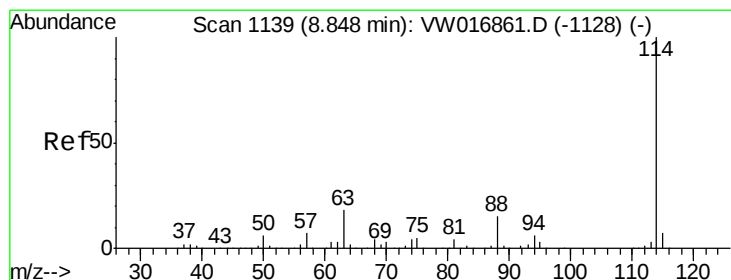
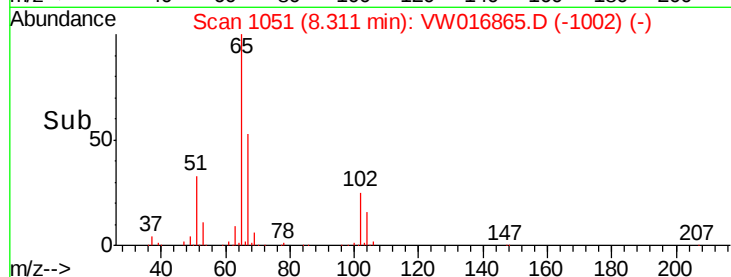
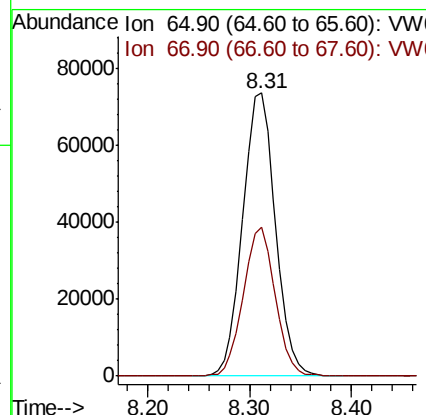
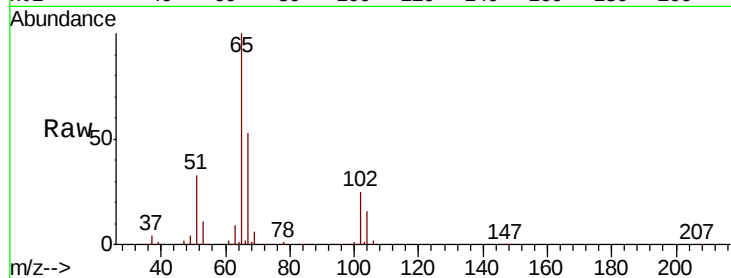




#33
 1,2-Dichloroethane-d4
 Concen: 53.394 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016865.D
 Acq: 09 Oct 2020 17:44

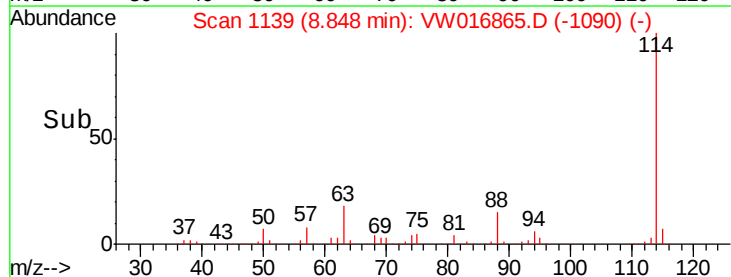
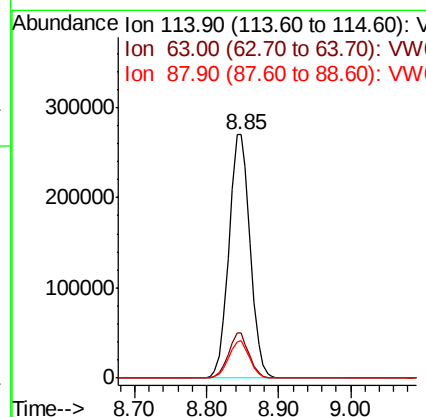
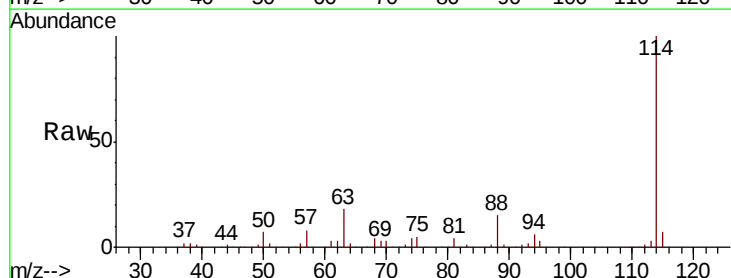
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBL01

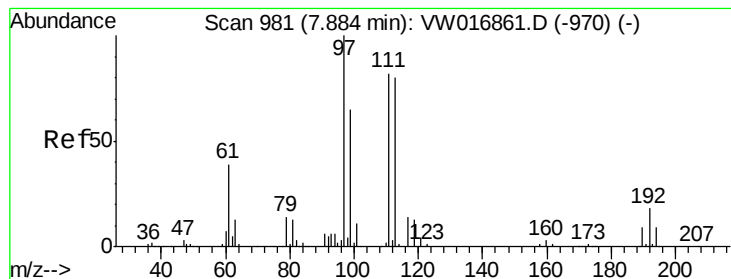
Tot Ion: 65 Resp: 164254
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016865.D
 Acq: 09 Oct 2020 17:44

Tgt Ion: 114 Resp: 553430
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.6
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.413 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW016865.D

Acq: 09 Oct 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBL01

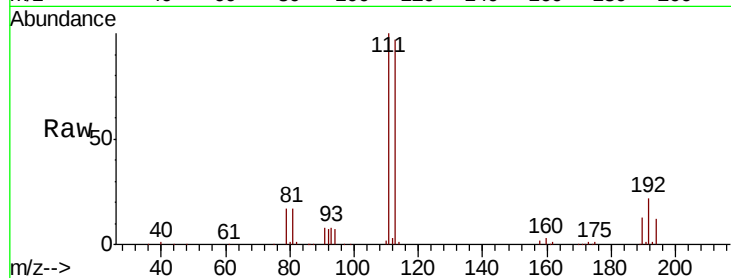
Tot Ion:113 Resp: 171005

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

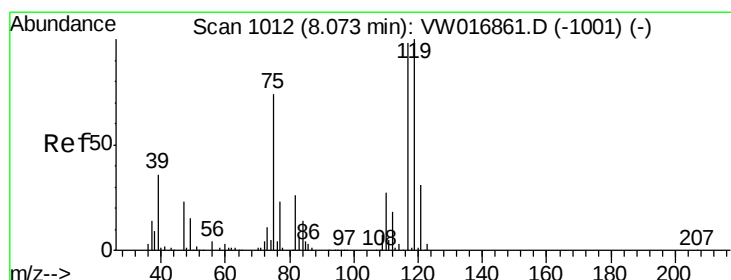
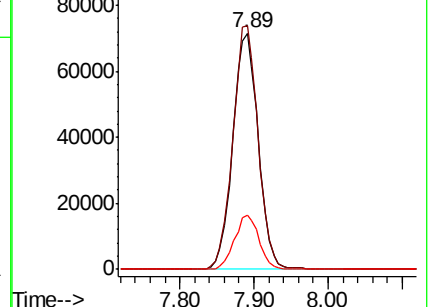
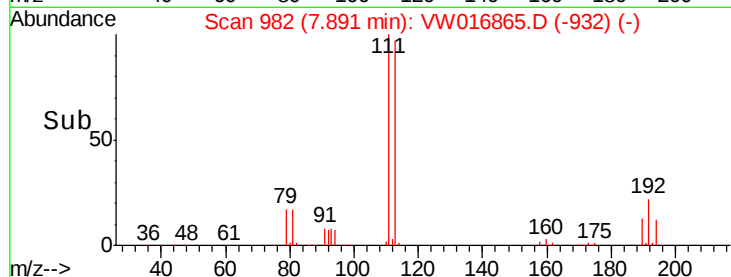
192 22.1 17.8 26.8



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



#38

Carbon Tetrachloride

Concen: 6.817 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW016865.D

Acq: 09 Oct 2020 17:44

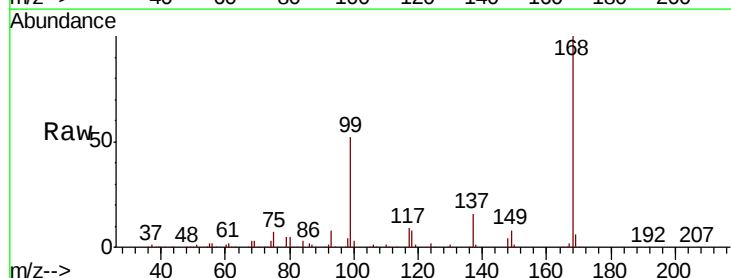
Tgt Ion:117 Resp: 33913

Ion Ratio Lower Upper

117 100

119 6.5 81.6 122.4#

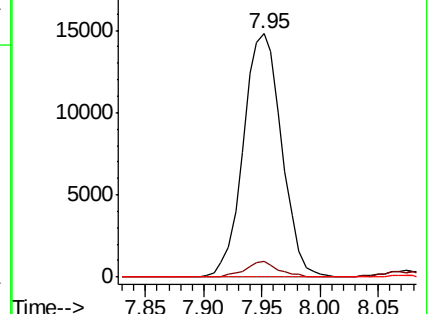
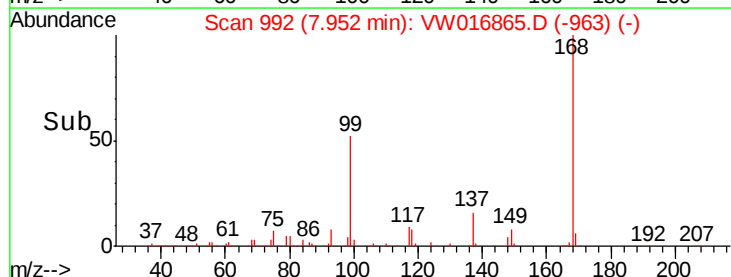
121 0.0 25.7 38.5#

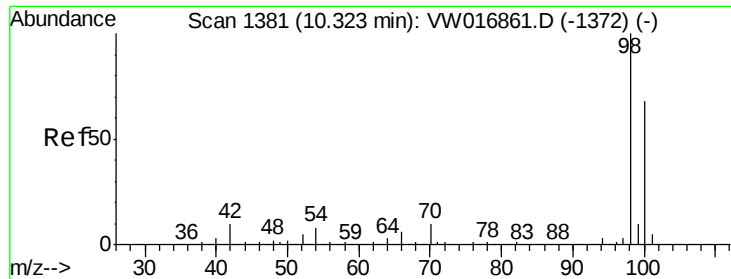


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.213 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016865.D

Acq: 09 Oct 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

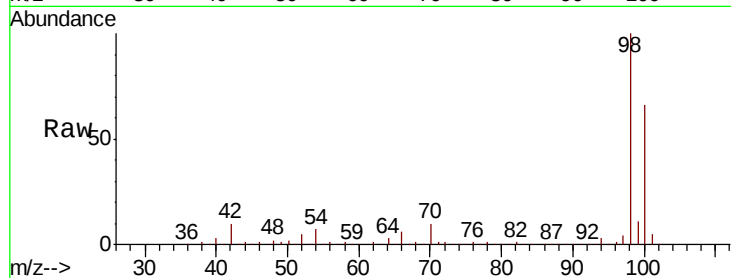
VW1010SBL01

Tot Ion: 98 Resp: 651364

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

400000

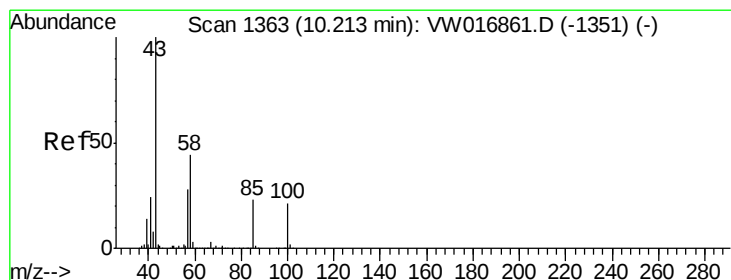
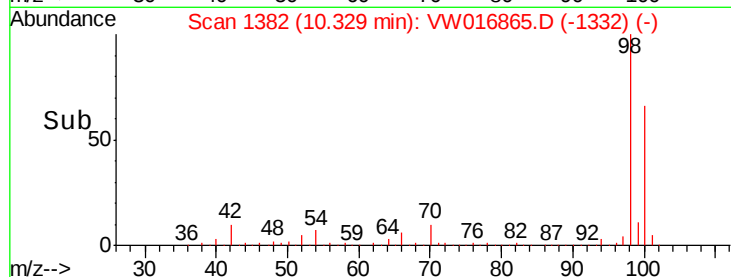
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#51

4-Methyl-2-Pentanone

Concen: 2.998 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016865.D

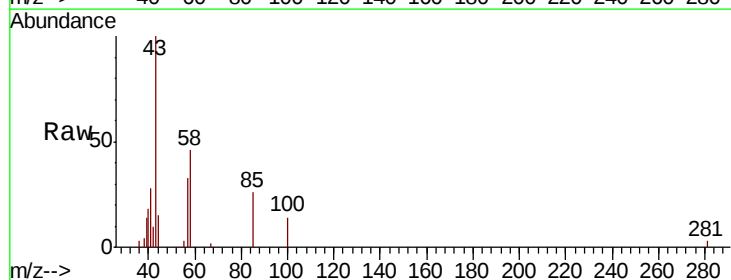
Acq: 09 Oct 2020 17:44

Tgt Ion: 43 Resp: 4541

Ion Ratio Lower Upper

43 100

58 44.7 34.7 52.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

3000

2500

2000

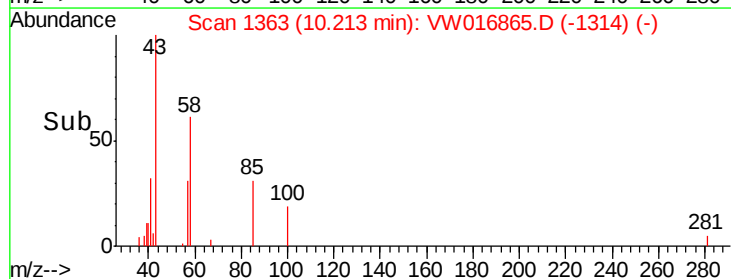
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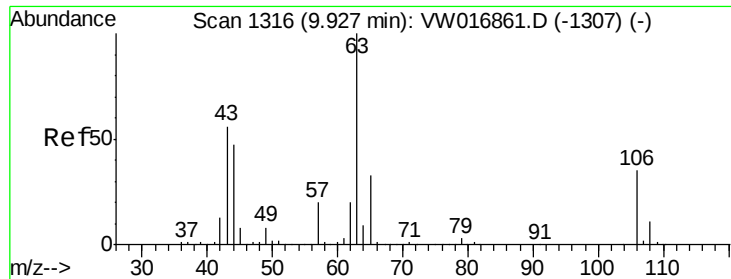
1000

500

0

Time--> 10.10 10.20 10.30

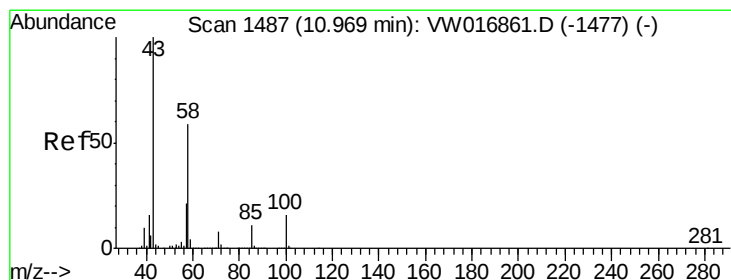
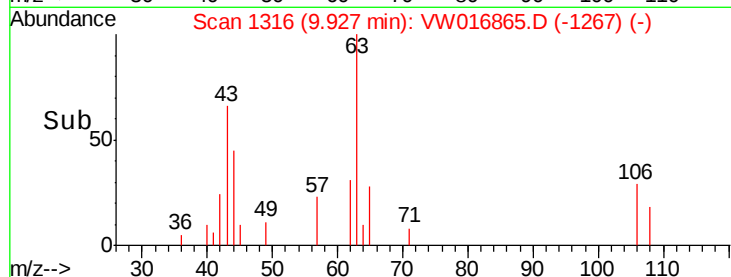
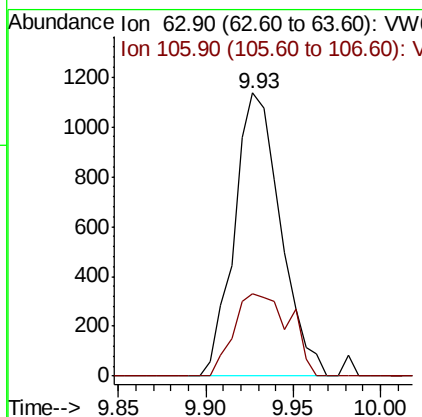
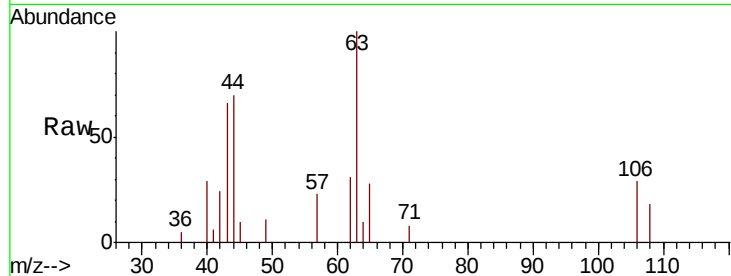




#58
2-Chloroethyl Vinyl ether
Concen: 1.401 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VW016865.D
Acq: 09 Oct 2020 17:44

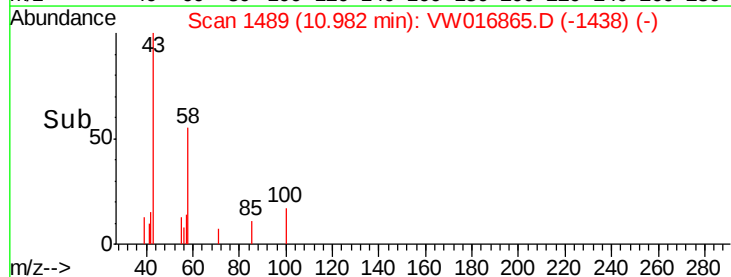
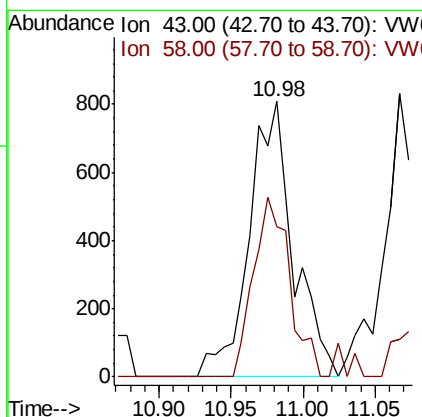
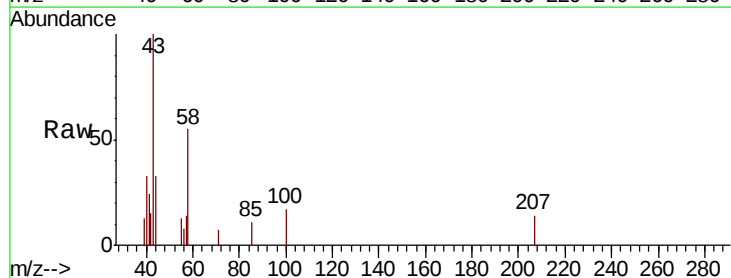
Instrument :
MSVOA_W
ClientSampleId :
VW1010SBL01

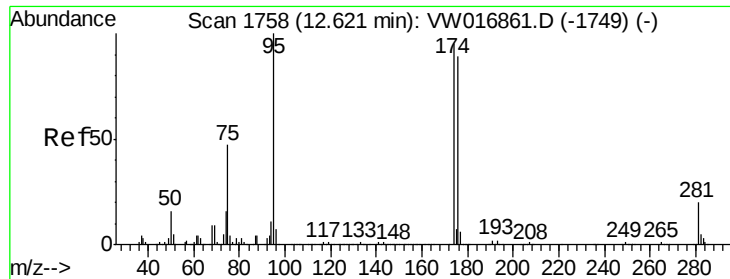
Tot Ion: 63 Resp: 2090
Ion Ratio Lower Upper
63 100
106 35.0 27.0 40.4



#59
2-Hexanone
Concen: 1.710 ug/l
RT: 10.98 min Scan# 1489
Delta R.T. 0.01 min
Lab File: VW016865.D
Acq: 09 Oct 2020 17:44

Tgt Ion: 43 Resp: 1714
Ion Ratio Lower Upper
43 100
58 53.3 29.5 88.5

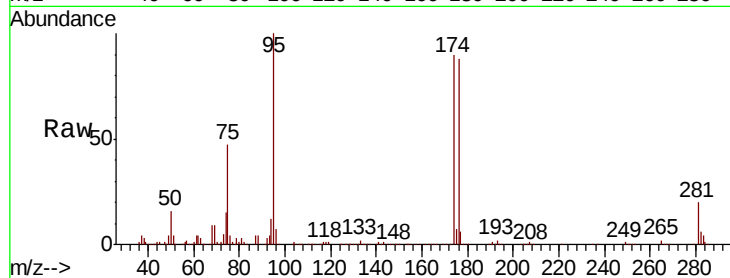




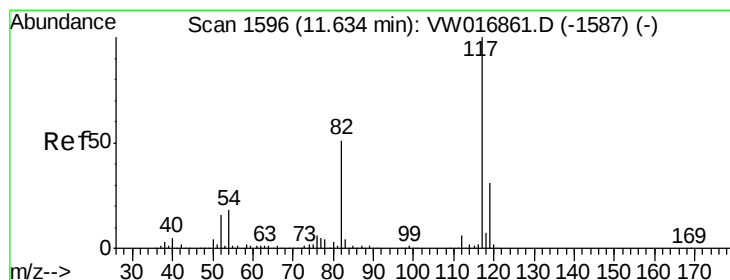
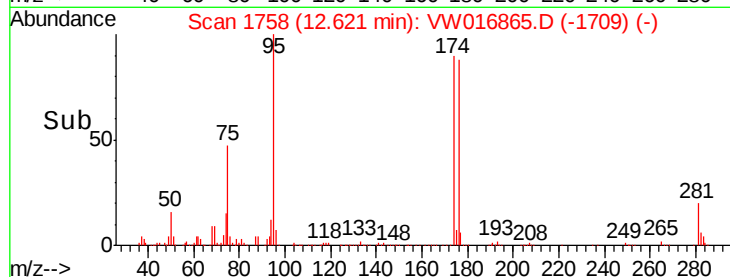
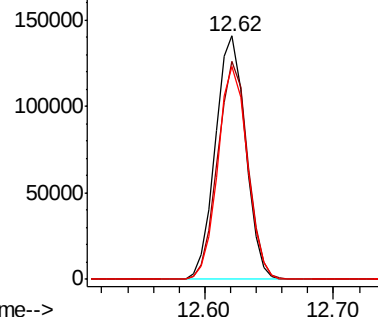
#62
4-Bromofluorobenzene
Concen: 51.612 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016865.D
Acq: 09 Oct 2020 17:44

Instrument :
MSVOA_W
ClientSampleId :
VW1010SBL01

Tot Ion: 95 Resp: 226364
Ion Ratio Lower Upper
95 100
174 89.4 0.0 180.6
176 86.2 0.0 177.6

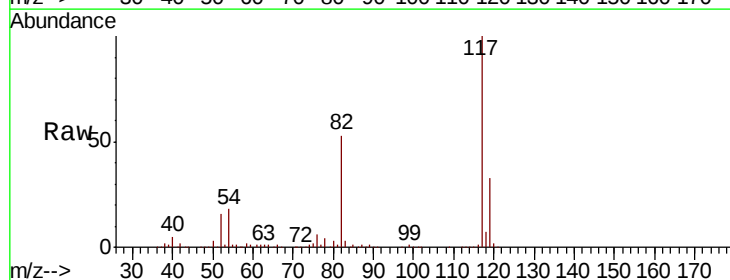


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

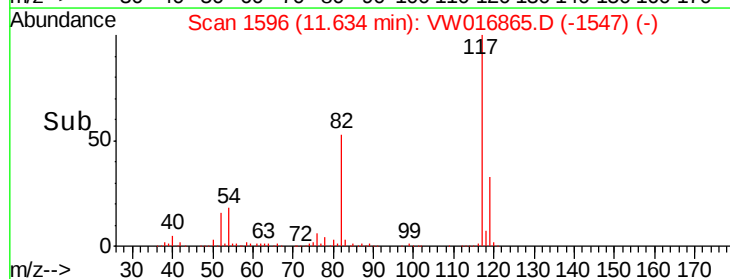
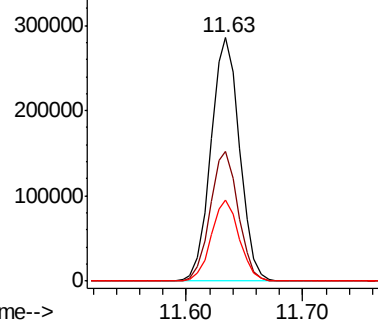


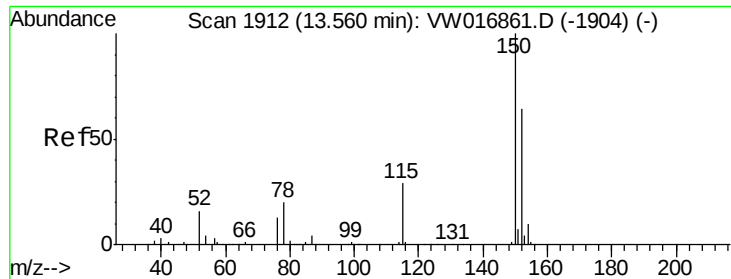
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016865.D
Acq: 09 Oct 2020 17:44

Tgt Ion: 117 Resp: 489370
Ion Ratio Lower Upper
117 100
82 53.2 40.7 61.1
119 33.4 25.0 37.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016865.D

Acq: 09 Oct 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBL01

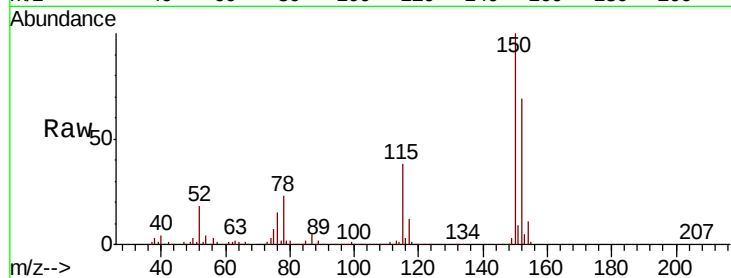
Tot Ion:152 Resp: 244992

Ion Ratio Lower Upper

152 100

115 56.8 27.9 83.7

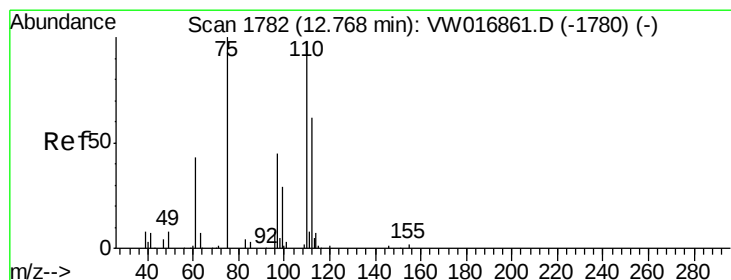
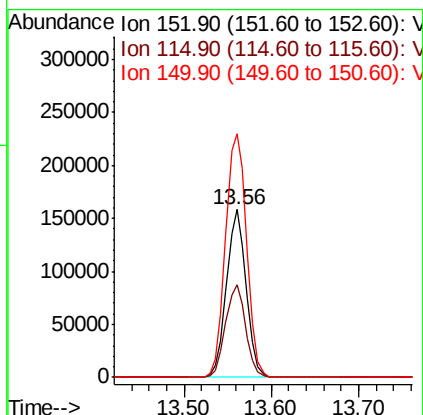
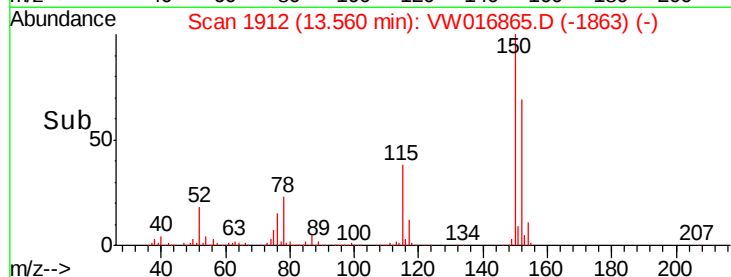
150 155.9 0.0 344.0



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: 60.151 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW016865.D

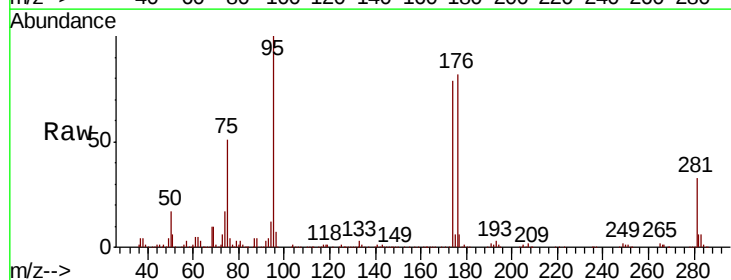
Acq: 09 Oct 2020 17:44

Tgt Ion: 75 Resp: 109959

Ion Ratio Lower Upper

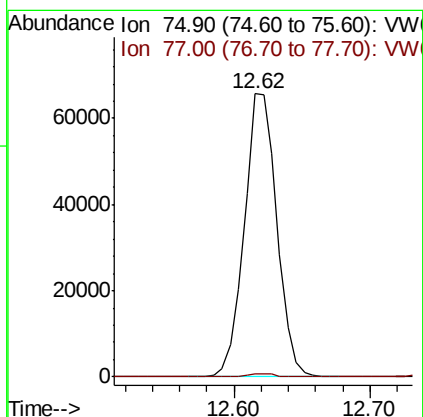
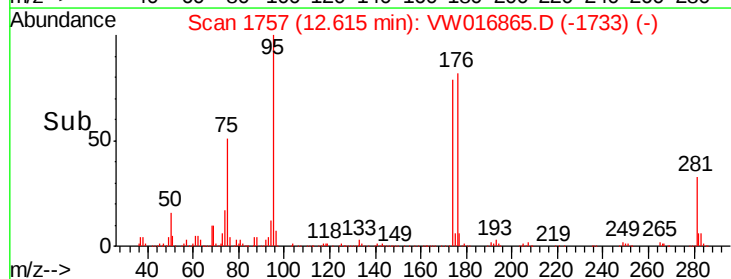
75 100

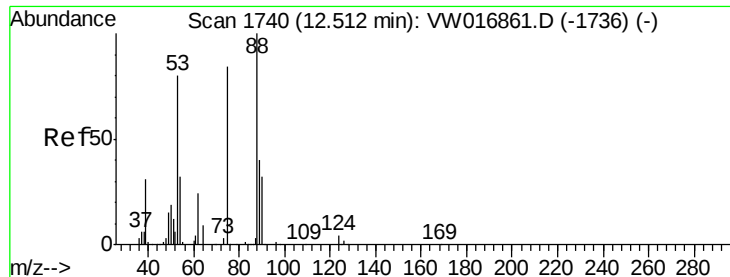
77 1.2 178.8 536.3#



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: 161.680 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW016865.D

Acq: 09 Oct 2020 17:44

Instrument :

MSVOA_W

ClientSampleId :

VW1010SBL01

Tot Ion: 75 Resp: 109959

Ion Ratio Lower Upper

75 100

53 0.0 77.0 115.4#

89 0.2 38.7 58.1#

