

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101320\
 Data File : VW016882.D
 Acq On : 12 Oct 2020 15:13
 Operator : SY/VA
 Sample : VW1013SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBL01

Quant Time: Oct 12 23:12:51 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	378919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	544447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	497559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245903	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	172804	56.07	ug/l	0.00
Spiked Amount			Recovery	=	112.14%	
35) Dibromofluoromethane	7.88	113	184619	55.32	ug/l	0.00
Spiked Amount			Recovery	=	110.64%	
50) Toluene-d8	10.32	98	710567	56.79	ug/l	0.00
Spiked Amount			Recovery	=	113.58%	
62) 4-Bromofluorobenzene	12.62	95	246011	57.02	ug/l	0.00
Spiked Amount			Recovery	=	114.04%	

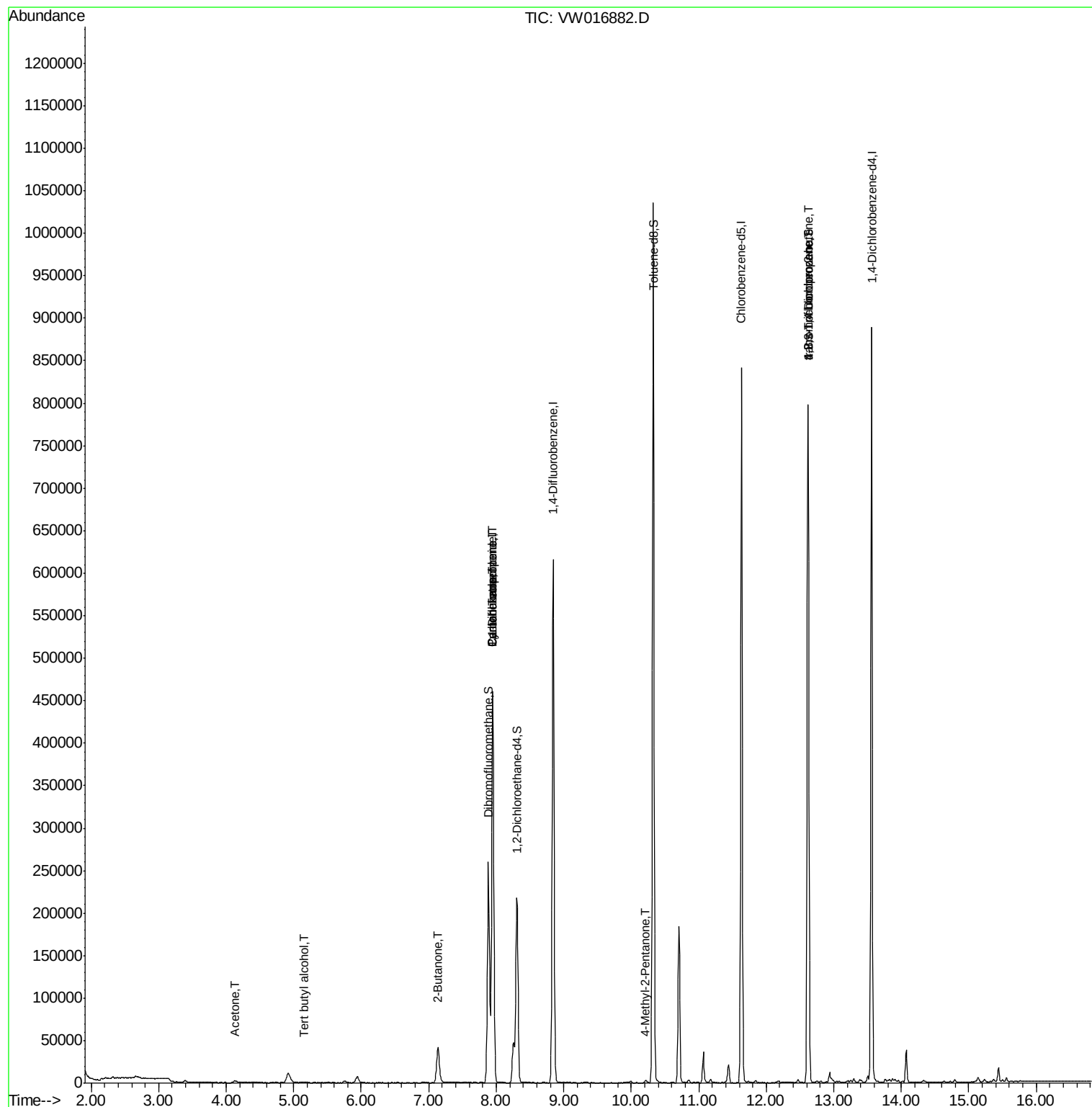
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	230	Below Cal	#	42
11) Tert butyl alcohol	5.15	59	891	5.915	ug/l #	92
16) Acetone	4.13	43	4316	8.646	ug/l	99
20) Methylene Chloride	4.92	84	10070	Below Cal	#	84
25) 2-Butanone	7.13	43	2088	3.138	ug/l #	70
31) Cyclohexane	7.95	56	6122	1.312	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	25373	5.391	ug/l #	48
38) Carbon Tetrachloride	7.95	117	35503	7.255	ug/l #	13
51) 4-Methyl-2-Pentanone	10.21	43	1957	1.313	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	118096	64.363	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	118096	173.001	ug/l #	11

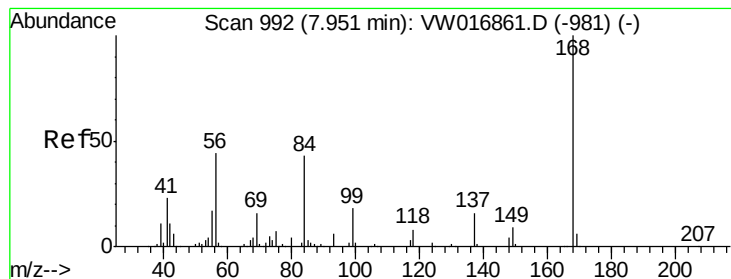
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101320\
Data File : VW016882.D
Acq On : 12 Oct 2020 15:13
Operator : SY/VA
Sample : VW1013SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBL01

Quant Time: Oct 12 23:12:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
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: VW016882.D

Acq: 12 Oct 2020 15:13

Instrument :

MSVOA_W

ClientSampleId :

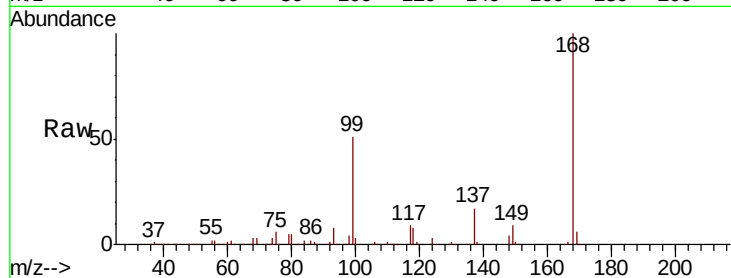
VW1013SBL01

Tot Ion:168 Resp: 378919

Ion Ratio Lower Upper

168 100

99 50.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

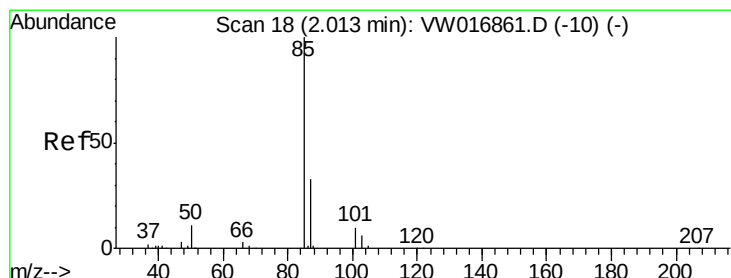
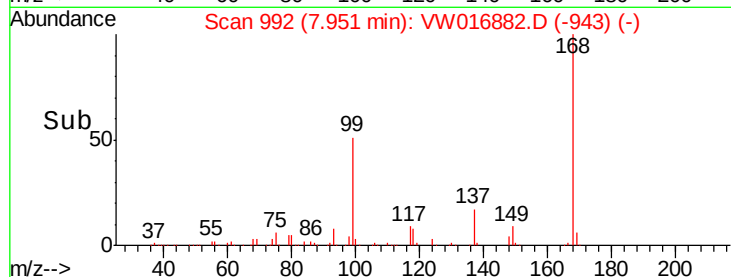
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016882.D

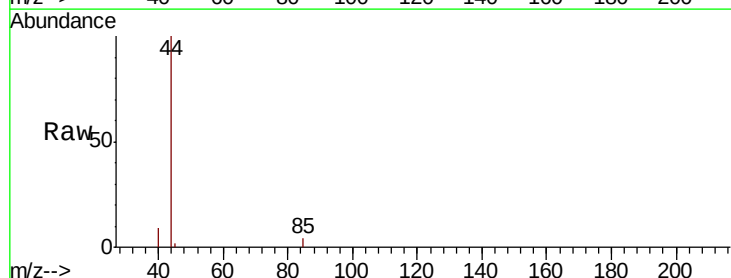
Acq: 12 Oct 2020 15:13

Tgt Ion: 85 Resp: 230

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

200

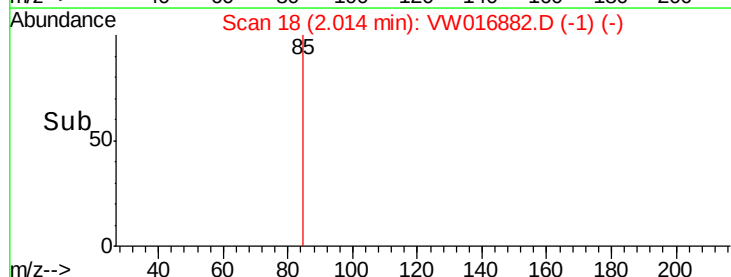
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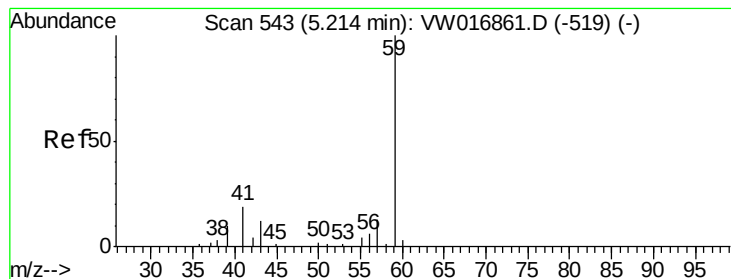
100

50

0

Time-->





#11

Tert butyl alcohol

Concen: 5.915 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.06 min

Lab File: VW016882.D

Acq: 12 Oct 2020 15:13

Instrument :

MSVOA_W

ClientSampleId :

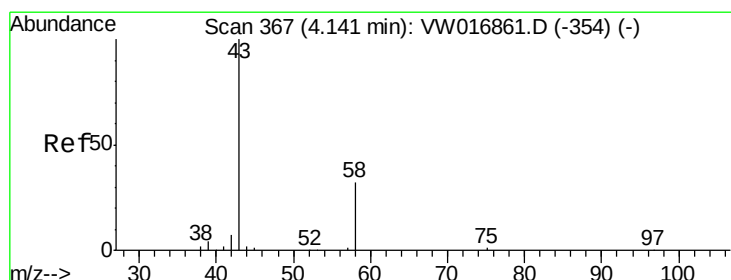
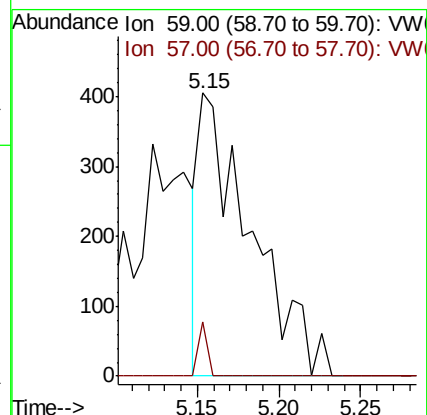
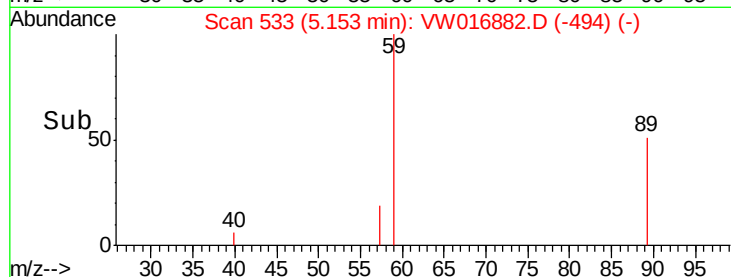
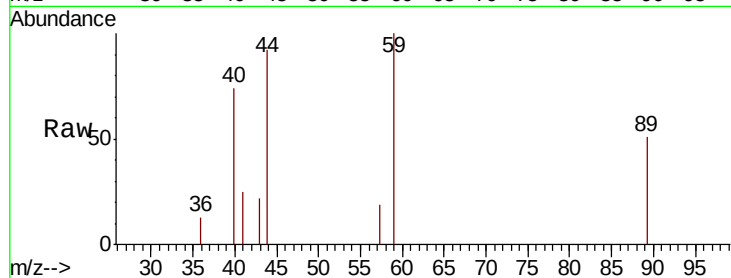
VW1013SBL01

Tot Ion: 59 Resp: 891

Ion Ratio Lower Upper

59 100

57 3.1 4.7 7.1#



#16

Acetone

Concen: 8.646 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016882.D

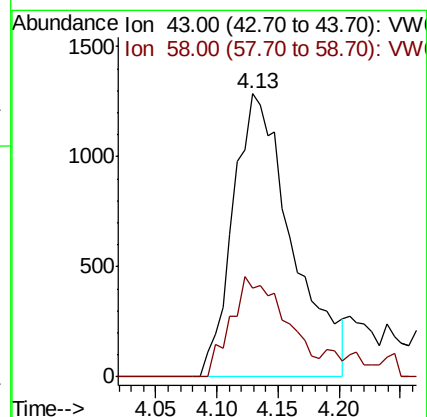
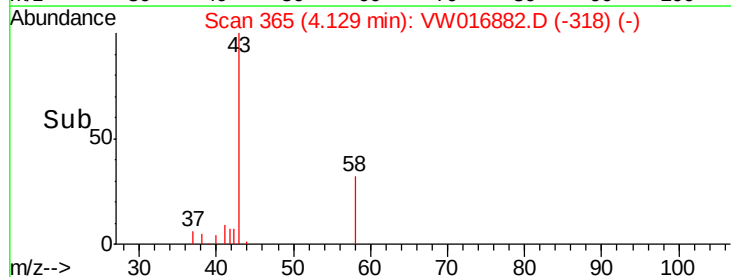
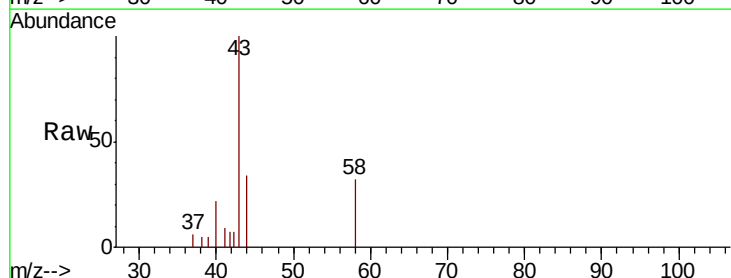
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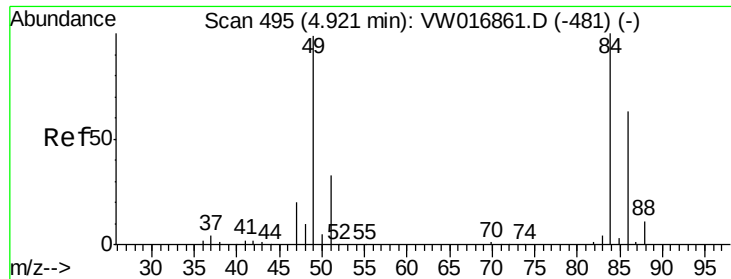
Tgt Ion: 43 Resp: 4316

Ion Ratio Lower Upper

43 100

58 31.6 25.7 38.5

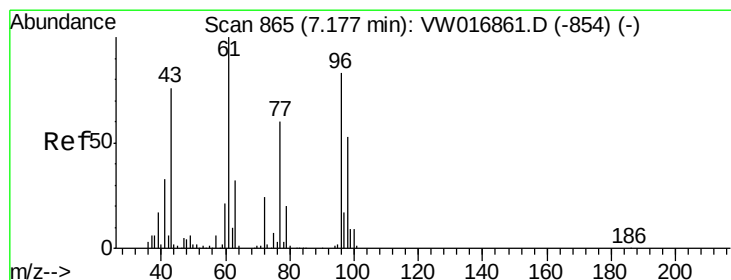
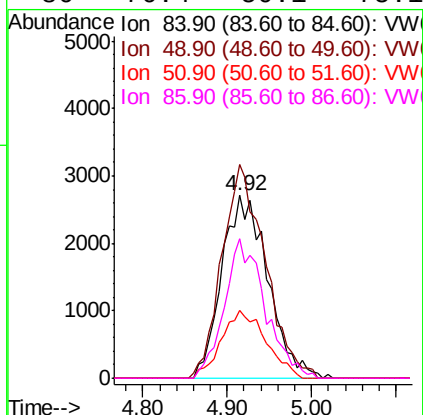
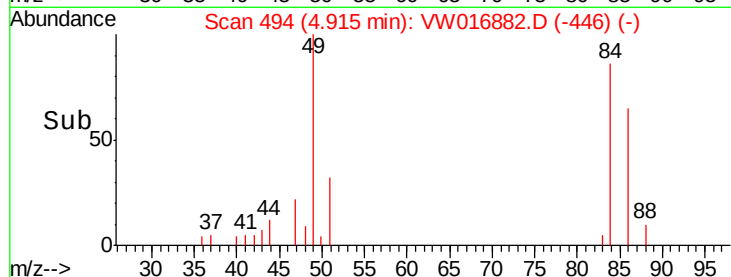
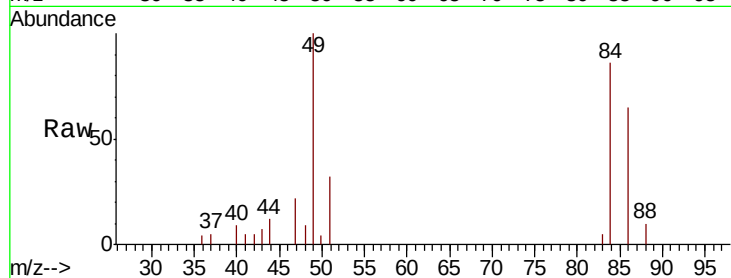




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW016882.D
Acq: 12 Oct 2020 15:13

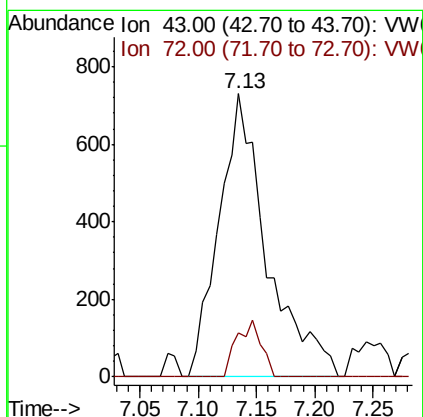
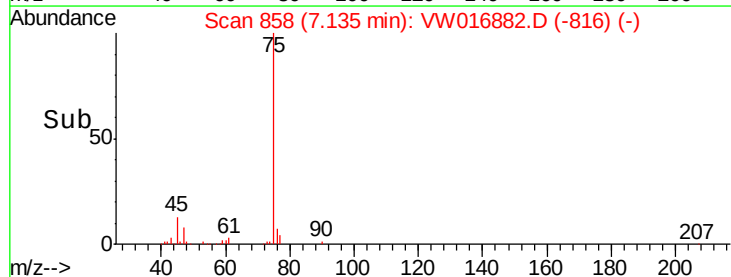
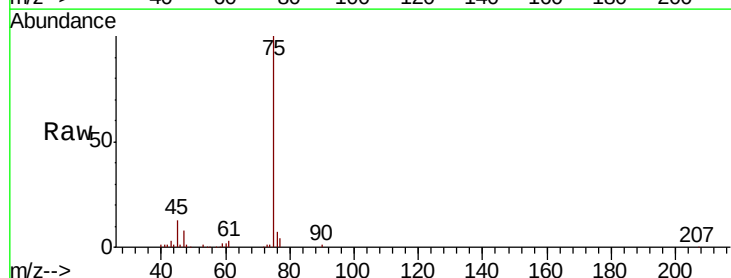
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBL01

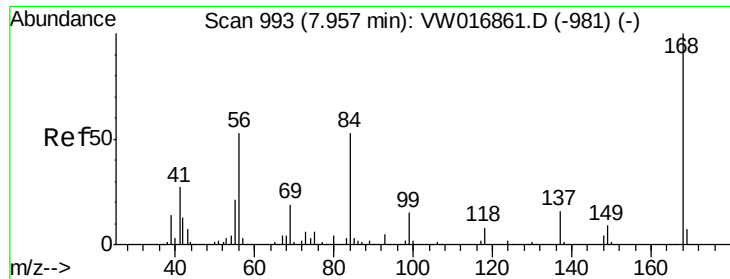
Tot Ion: 84 Resp: 10070
Ion Ratio Lower Upper
84 100
49 116.8 79.0 118.6
51 37.0 26.1 39.1
86 76.4 50.1 75.1#



#25
2-Butanone
Concen: 3.138 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW016882.D
Acq: 12 Oct 2020 15:13

Tgt Ion: 43 Resp: 2088
Ion Ratio Lower Upper
43 100
72 15.3 25.4 38.2#

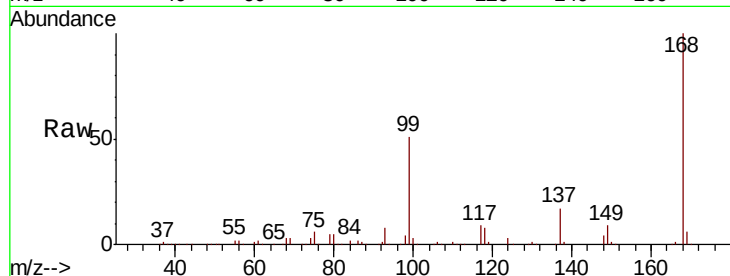




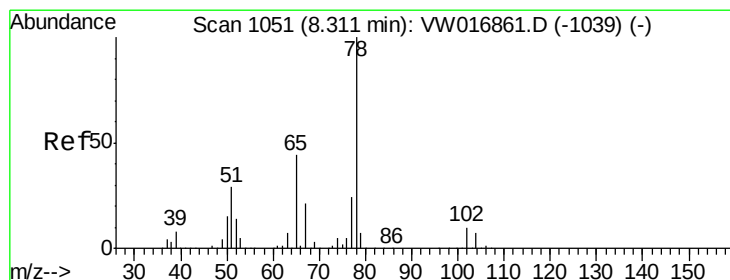
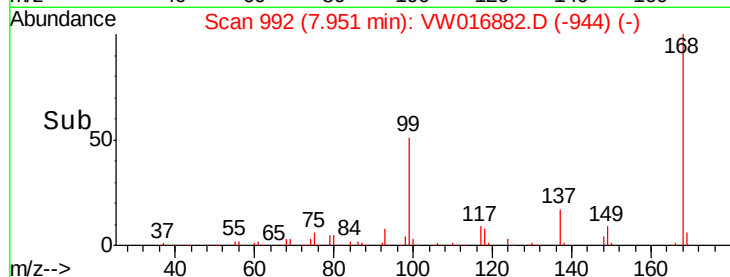
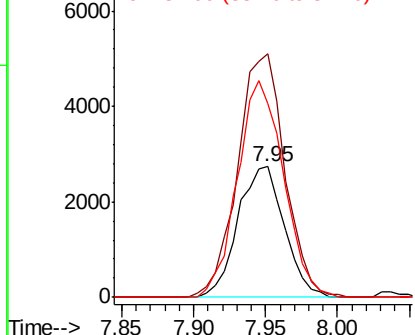
#31
Cyclohexane
Concen: 1.312 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW016882.D
Acq: 12 Oct 2020 15:13

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBL01

Tot Ion: 56 Resp: 6122
Ion Ratio Lower Upper
56 100
69 186.5 29.3 43.9#
84 148.0 80.5 120.7#

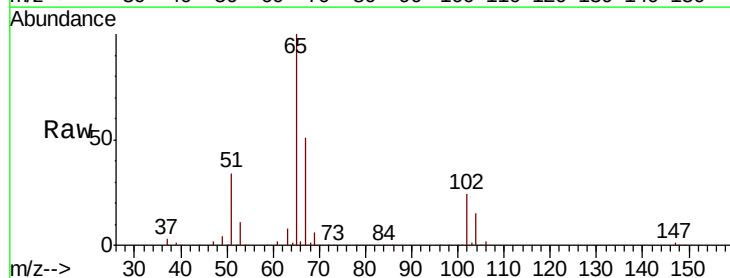


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

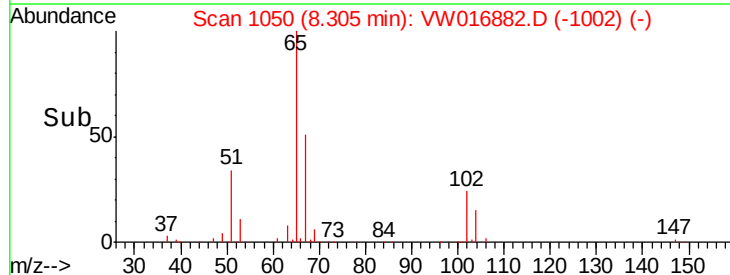
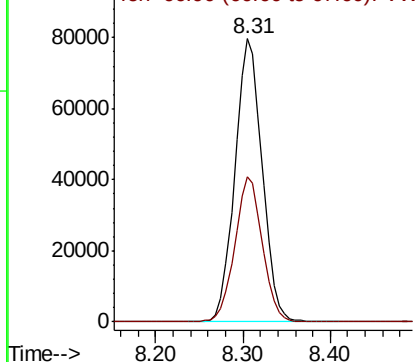


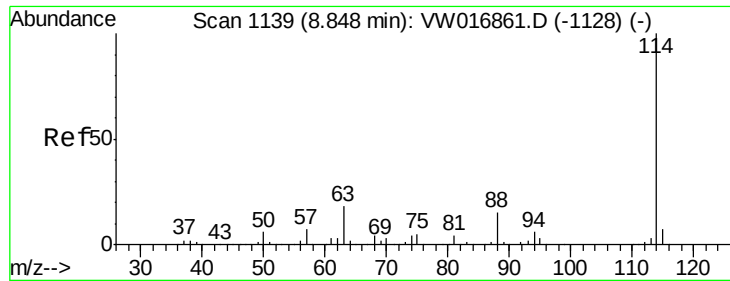
#33
1,2-Dichloroethane-d4
Concen: 56.066 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016882.D
Acq: 12 Oct 2020 15:13

Tgt Ion: 65 Resp: 172804
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

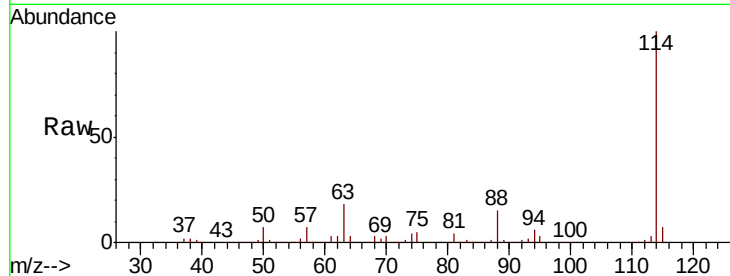




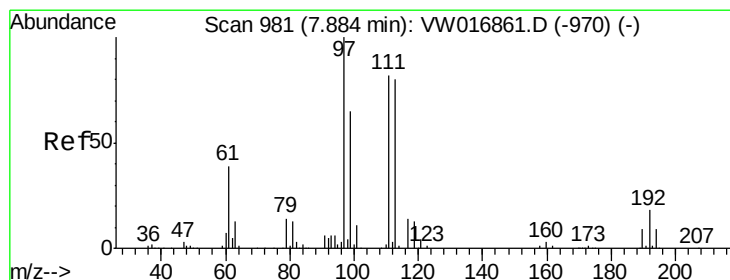
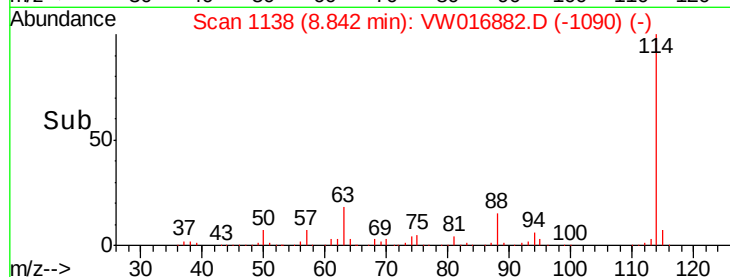
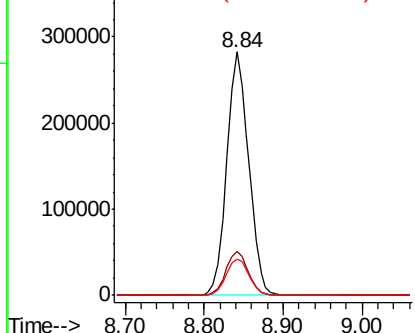
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW016882.D
Acq: 12 Oct 2020 15:13

Instrument :
MSVOA_W
ClientSampleId :
VW1013SBL01

Tot Ion:114 Resp: 544447
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.6
88 15.0 0.0 30.4

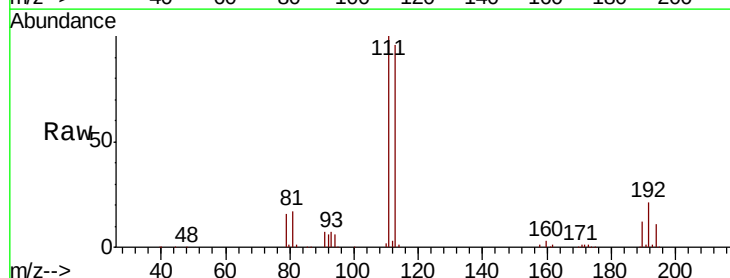


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

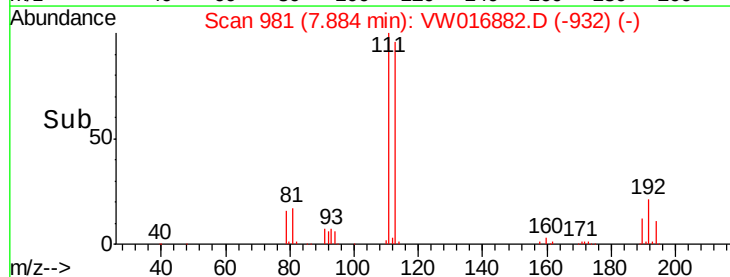
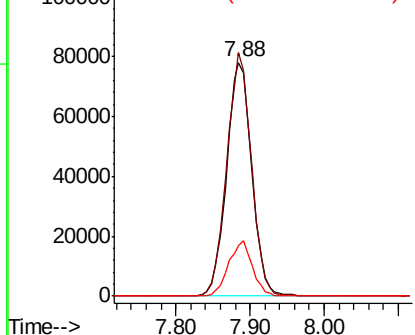


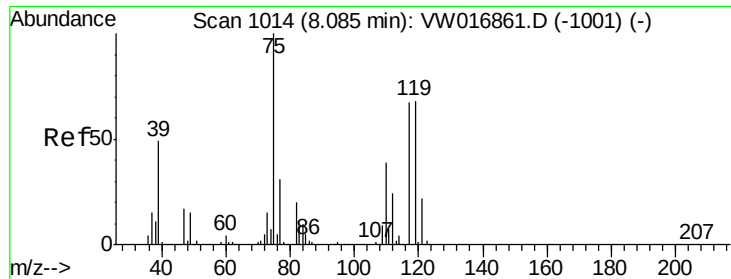
#35
Dibromofluoromethane
Concen: 55.324 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW016882.D
Acq: 12 Oct 2020 15:13

Tgt Ion:113 Resp: 184619
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 22.2 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

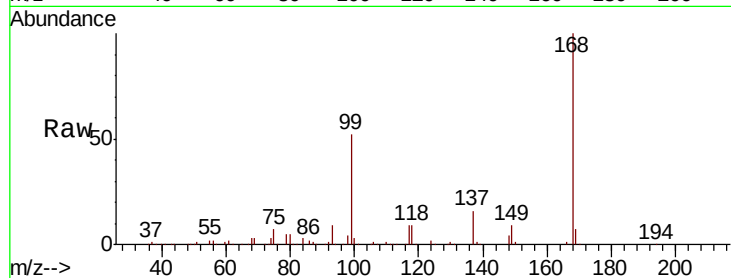




#36
 1,1-Dichloropropene
 Concen: 5.391 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016882.D
 Acq: 12 Oct 2020 15:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBL01

Tot Ion	75	Resp	25373
Ion Ratio	Lower	Upper	
75	100		
110	9.0	19.3	57.9#
77	0.0	25.0	37.6#

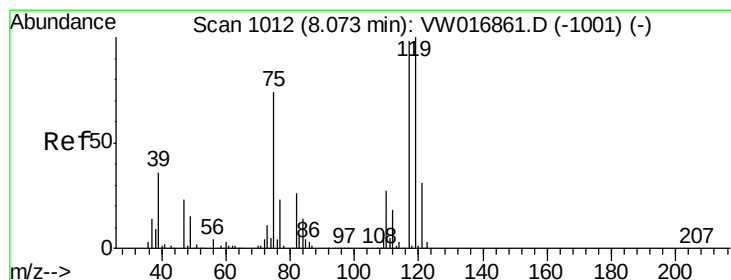
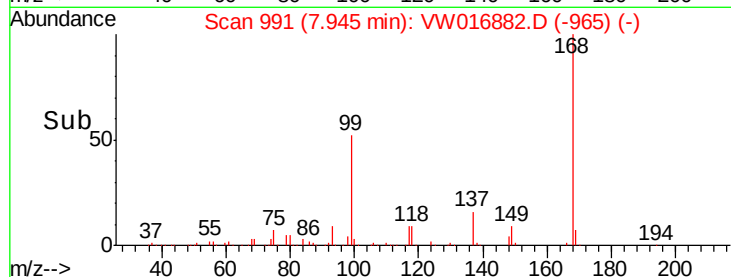
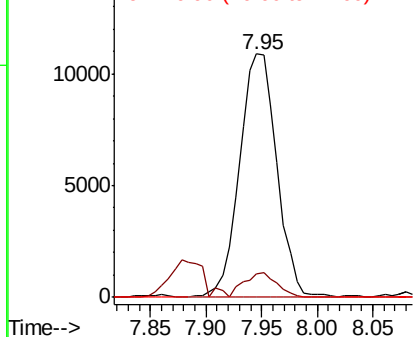


Abundance

Ion 74.90 (74.60 to 75.60): VW

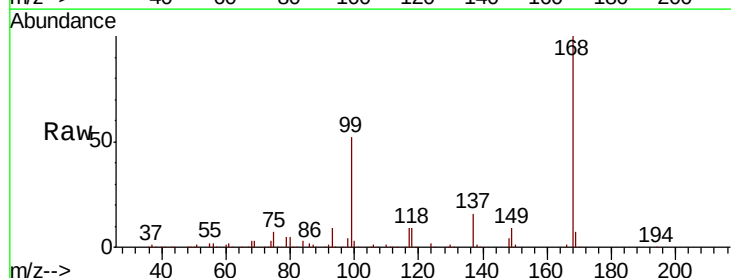
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38
 Carbon Tetrachloride
 Concen: 7.255 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW016882.D
 Acq: 12 Oct 2020 15:13

Tgt Ion	117	Resp	35503
Ion Ratio	Lower	Upper	
117	100		
119	4.6	81.6	122.4#
121	0.0	25.7	38.5#

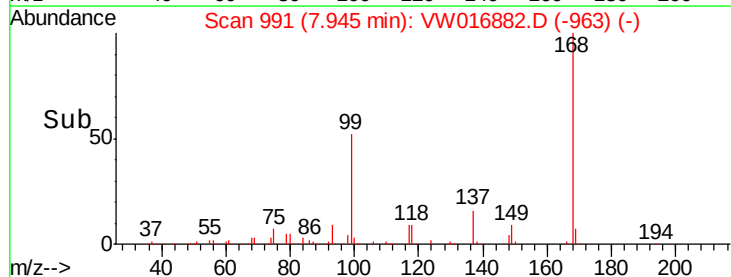
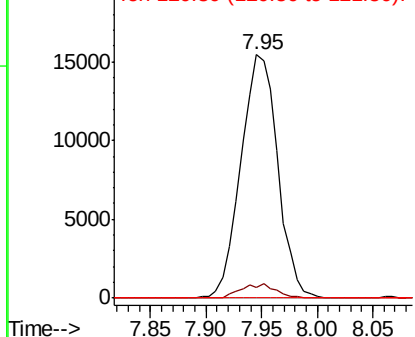


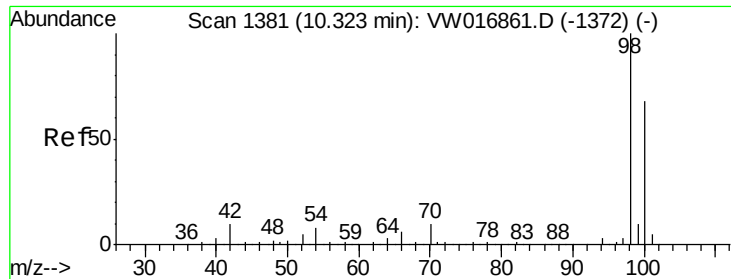
Abundance

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: 56.789 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016882.D

Acq: 12 Oct 2020 15:13

Instrument :

MSVOA_W

ClientSampleId :

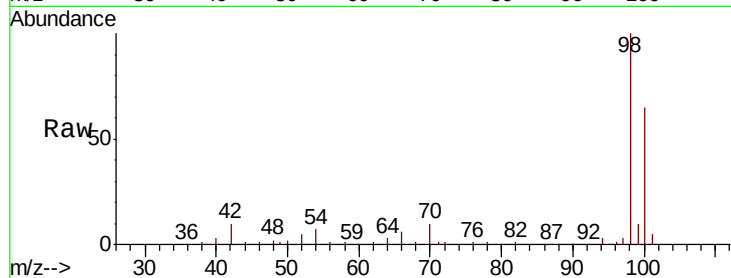
VW1013SBL01

Tot Ion: 98 Resp: 710567

Ion Ratio Lower Upper

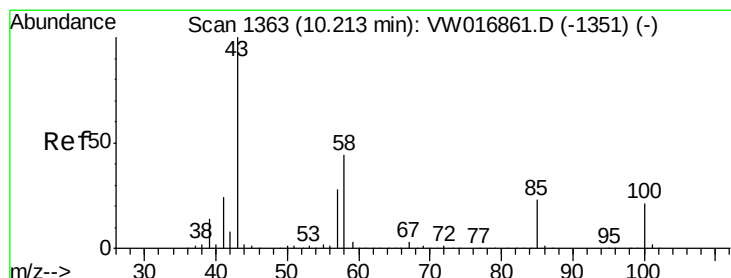
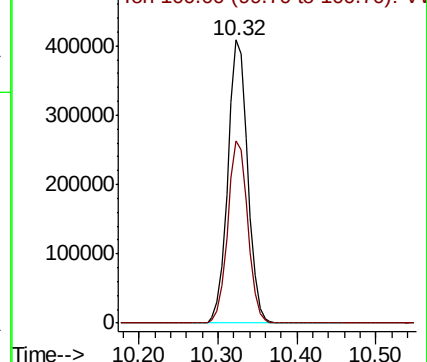
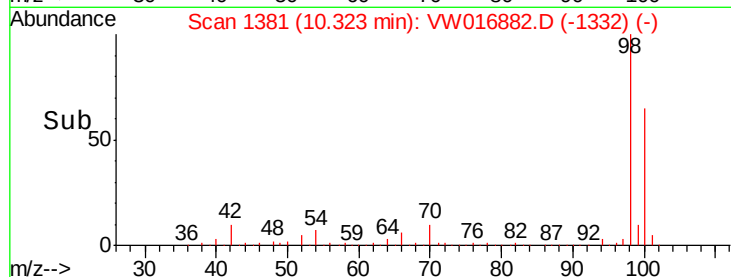
98 100

100 65.3 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.313 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016882.D

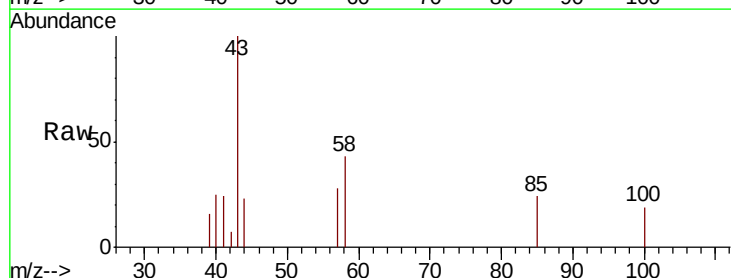
Acq: 12 Oct 2020 15:13

Tgt Ion: 43 Resp: 1957

Ion Ratio Lower Upper

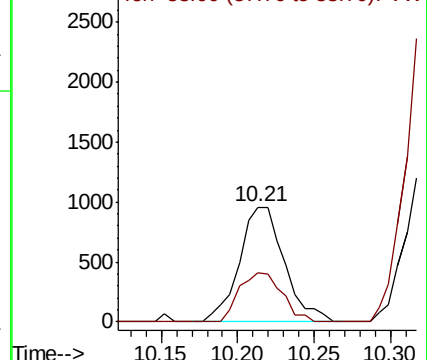
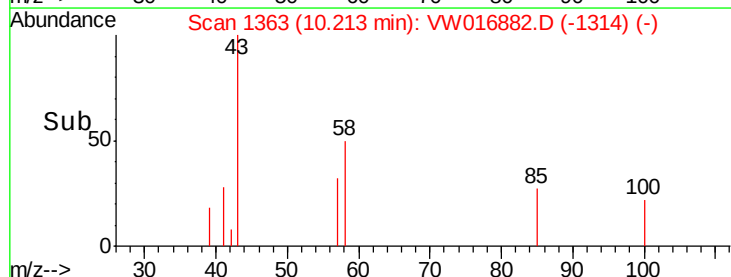
43 100

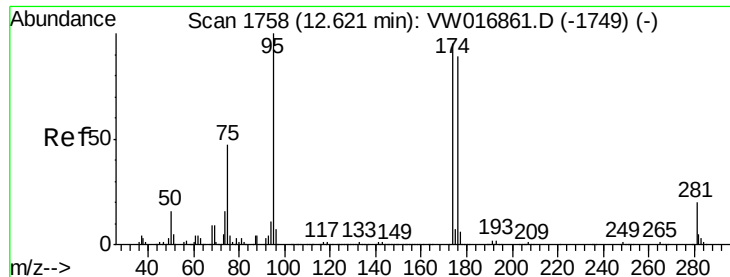
58 40.7 34.7 52.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

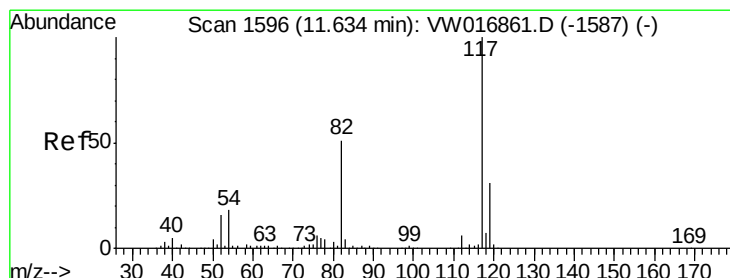
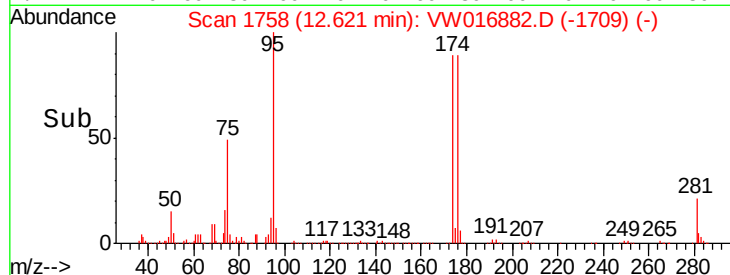
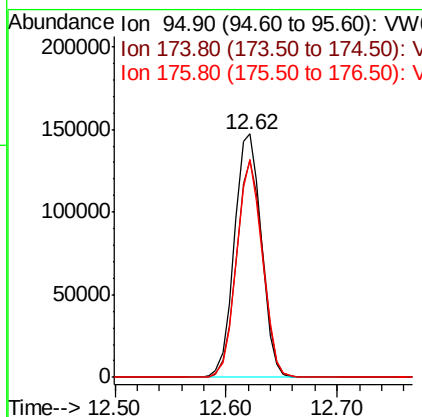
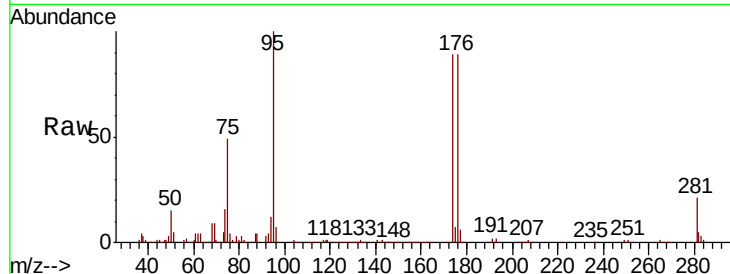




#62
4-Bromofluorobenzene
Concen: 57.017 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016882.D
Acq: 12 Oct 2020 15:13

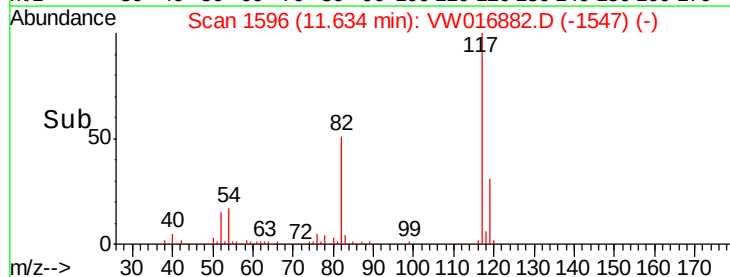
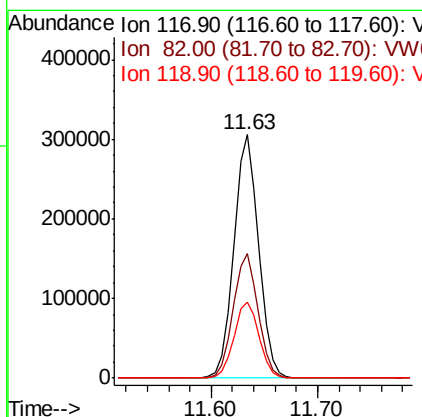
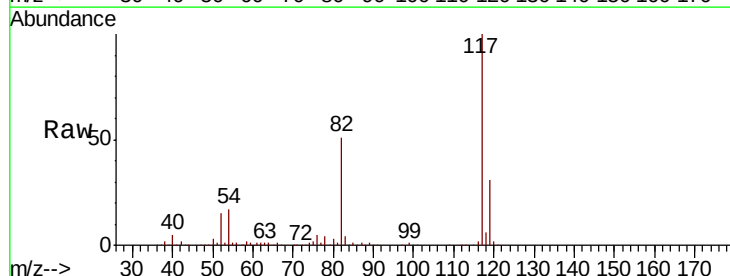
Instrument :
MSVOA_W
ClientSampleId :
VW1013SBL01

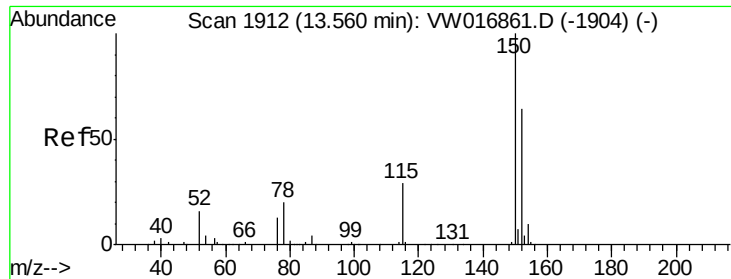
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	180.6
176	85.5	0.0	177.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016882.D
Acq: 12 Oct 2020 15:13

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.7	61.1
119	31.4	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016882.D

Acq: 12 Oct 2020 15:13

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBL01

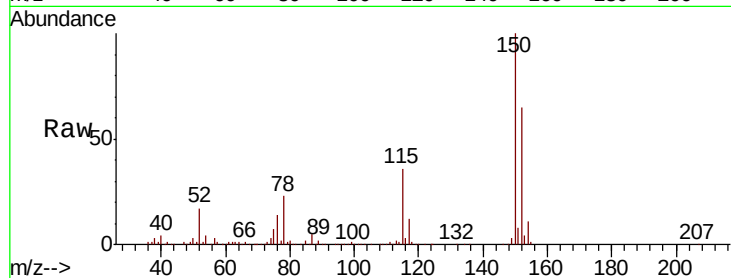
Tot Ion:152 Resp: 245903

Ion Ratio Lower Upper

152 100

115 56.1 27.9 83.7

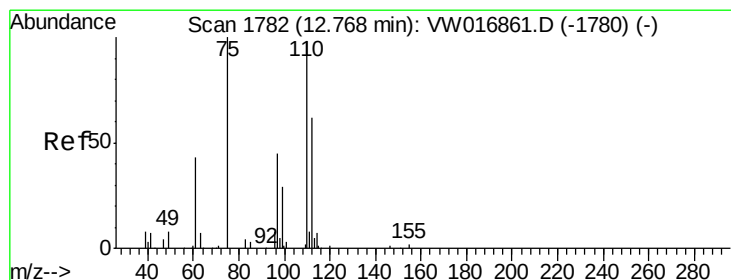
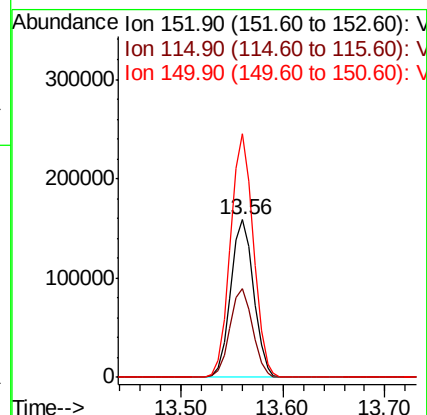
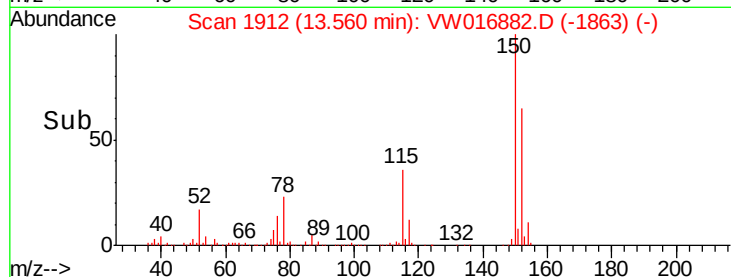
150 154.4 0.0 344.0



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: 64.363 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016882.D

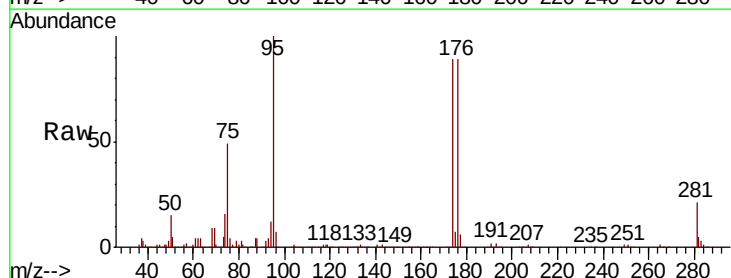
Acq: 12 Oct 2020 15:13

Tgt Ion: 75 Resp: 118096

Ion Ratio Lower Upper

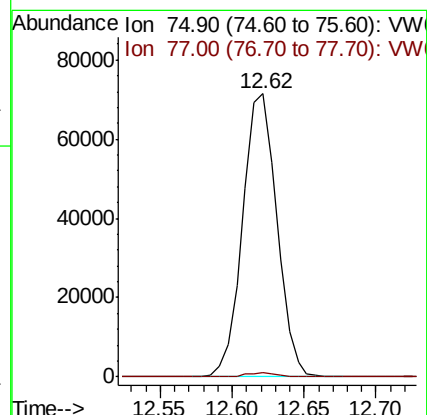
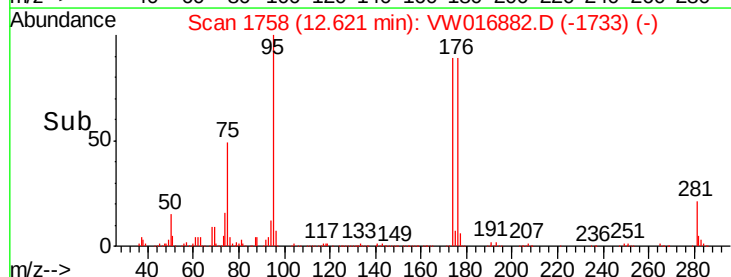
75 100

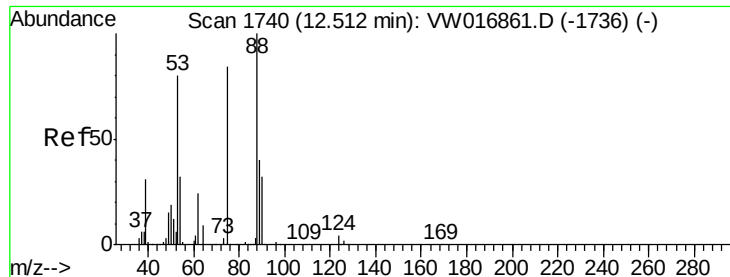
77 1.4 178.8 536.3#



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: 173.001 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW016882.D

Acq: 12 Oct 2020 15:13

Instrument :

MSVOA_W

ClientSampleId :

VW1013SBL01

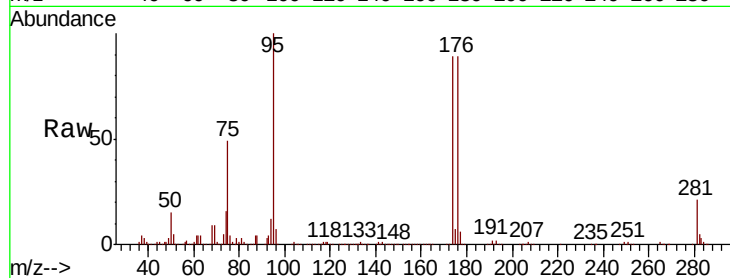
Tot Ion: 75 Resp: 118096

Ion Ratio Lower Upper

75 100

53 0.1 77.0 115.4#

89 0.0 38.7 58.1#



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

