

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016189.D
 Acq On : 14 Aug 2020 13:52
 Operator : SY/VA
 Sample : VW0814SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBL01

Quant Time: Aug 17 08:09:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

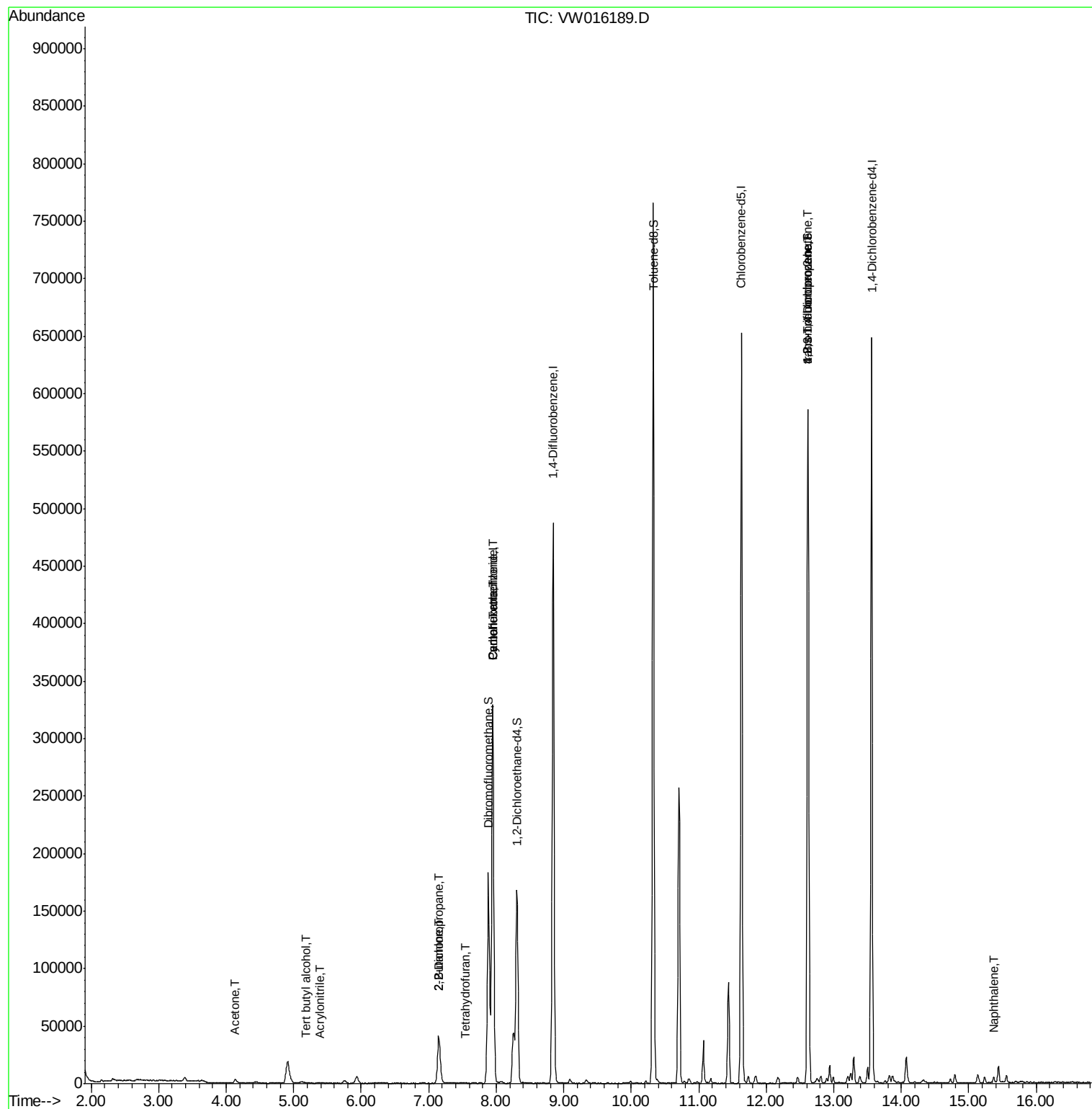
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	423685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	391262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	130286	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	7.88	113	133568	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
50) Toluene-d8	10.32	98	517722	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.62	95	183538	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	907	7.038	ug/l #	86
15) Acrylonitrile	5.38	53	620	1.287	ug/l #	81
16) Acetone	4.14	43	6342	13.673	ug/l	90
25) 2-Butanone	7.15	43	2684	4.318	ug/l #	71
26) 2,2-Dichloropropane	7.15	77	3338	1.078	ug/l #	51
29) Tetrahydrofuran	7.54	42	567	1.526	ug/l #	60
31) Cyclohexane	7.95	56	5831	1.320	ug/l #	1
38) Carbon Tetrachloride	7.95	117	26442	6.348	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	89817	56.983	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	89817	136.682	ug/l #	12
95) Naphthalene	15.37	128	4243	4.202	ug/l	100

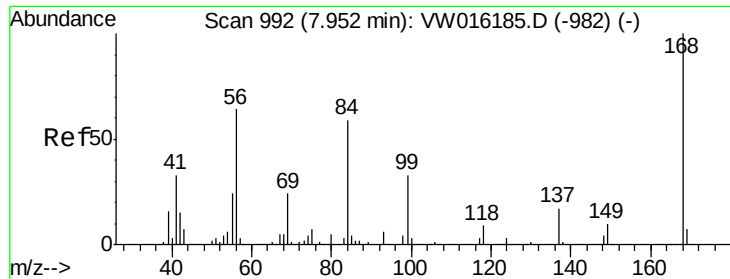
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
Data File : VW016189.D
Acq On : 14 Aug 2020 13:52
Operator : SY/VA
Sample : VW0814SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBL01

Quant Time: Aug 17 08:09:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 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: VW016189.D

Acq: 14 Aug 2020 13:52

Instrument :

MSVOA_W

ClientSampleId :

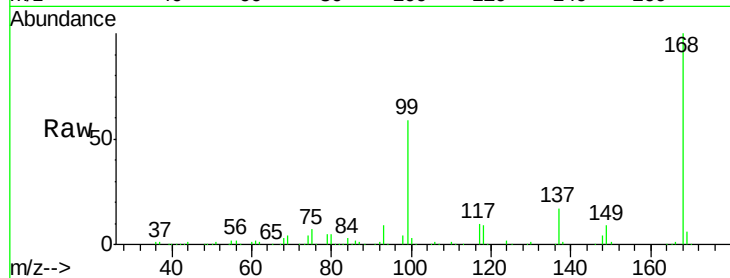
VW0814SBL01

Tgt Ion:168 Resp: 248289

Ion Ratio Lower Upper

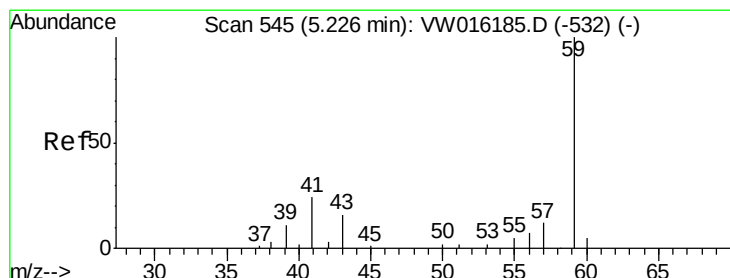
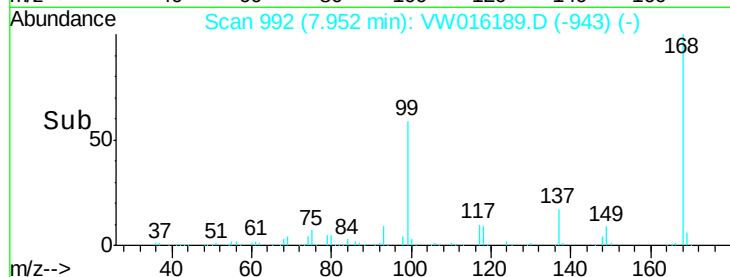
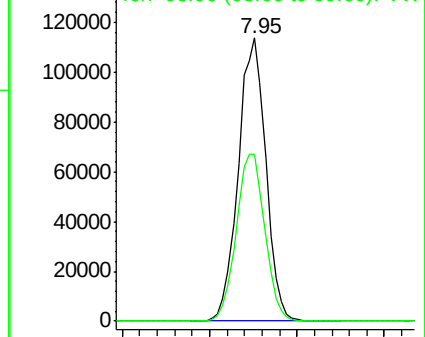
168 100

99 58.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 7.038 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.04 min

Lab File: VW016189.D

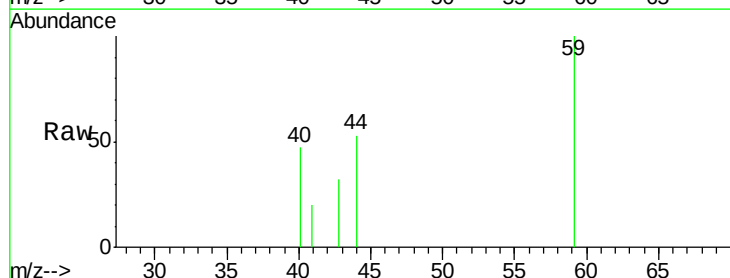
Acq: 14 Aug 2020 13:52

Tgt Ion: 59 Resp: 907

Ion Ratio Lower Upper

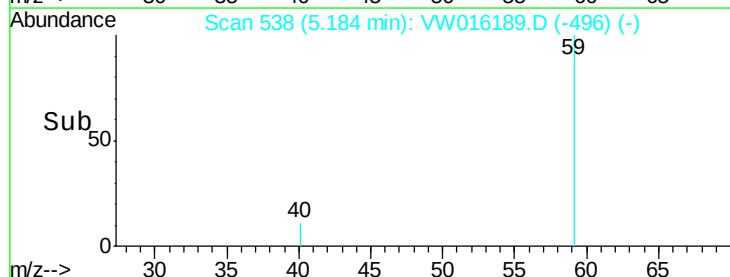
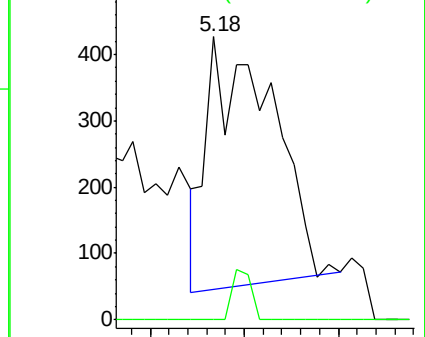
59 100

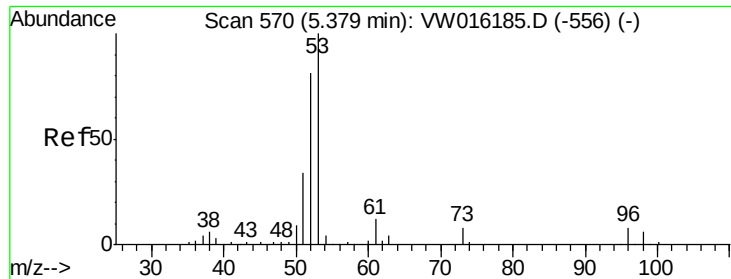
57 5.8 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

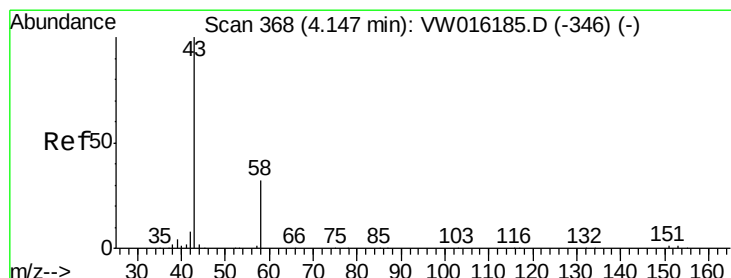
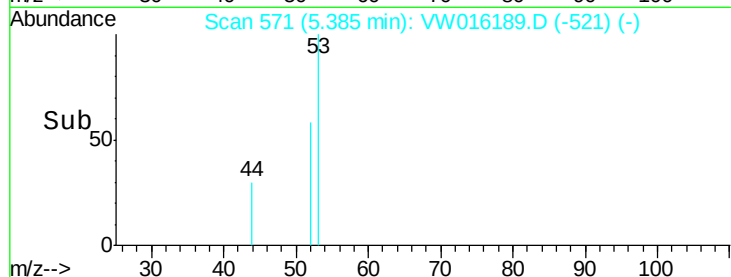
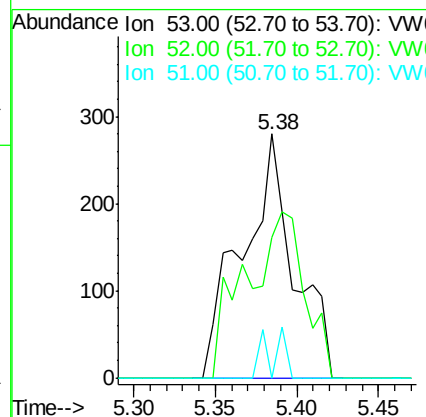
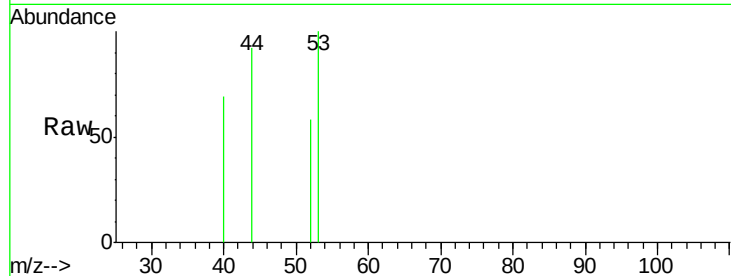




#15
 Acrylonitrile
 Concen: 1.287 ug/l
 RT: 5.38 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VW016189.D
 Acq: 14 Aug 2020 13:52

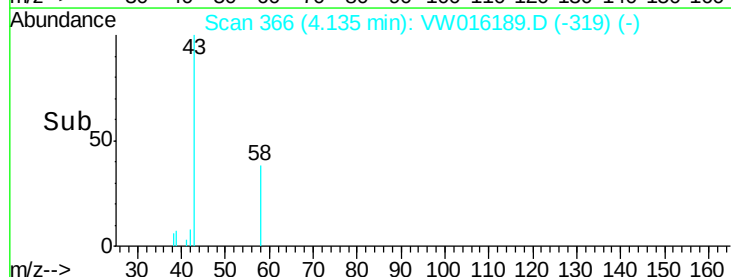
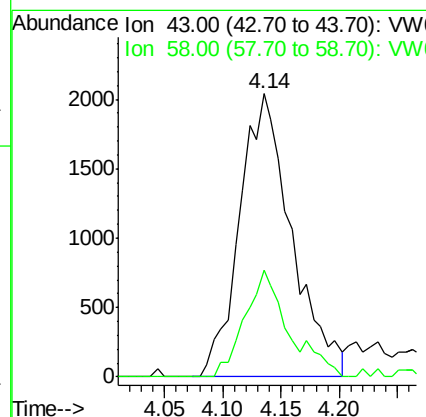
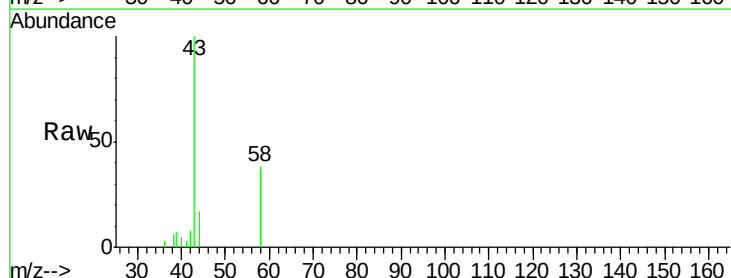
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBL01

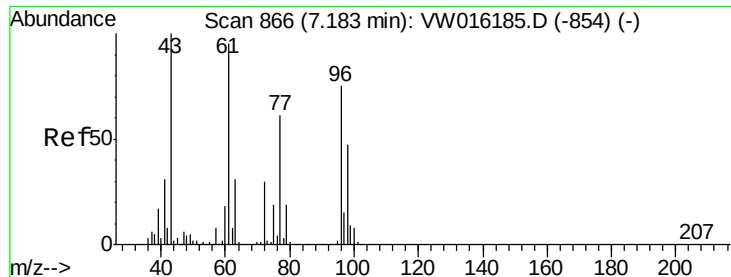
Tgt Ion: 53 Resp: 620
 Ion Ratio Lower Upper
 53 100
 52 77.3 65.3 97.9
 51 6.8 29.0 43.4#



#16
 Acetone
 Concen: 13.673 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VW016189.D
 Acq: 14 Aug 2020 13:52

Tgt Ion: 43 Resp: 6342
 Ion Ratio Lower Upper
 43 100
 58 37.9 25.8 38.6





#25

2-Butanone

Concen: 4.318 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.04 min

Lab File: VW016189.D

Acq: 14 Aug 2020 13:52

Instrument :

MSVOA_W

ClientSampleId :

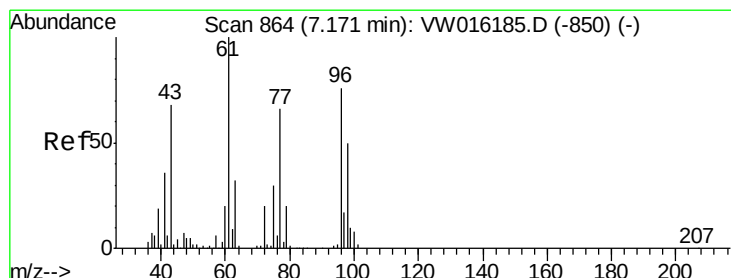
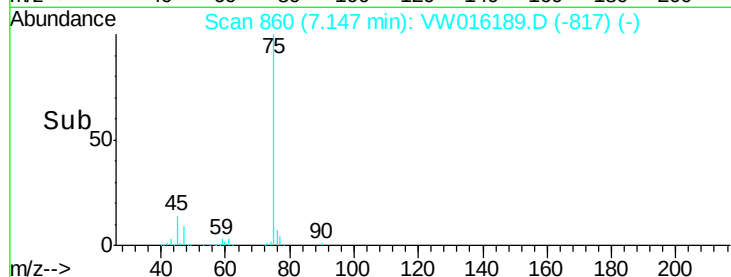
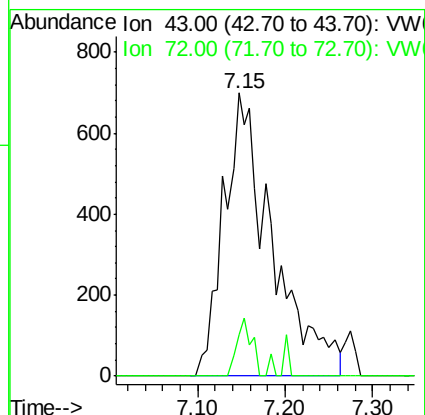
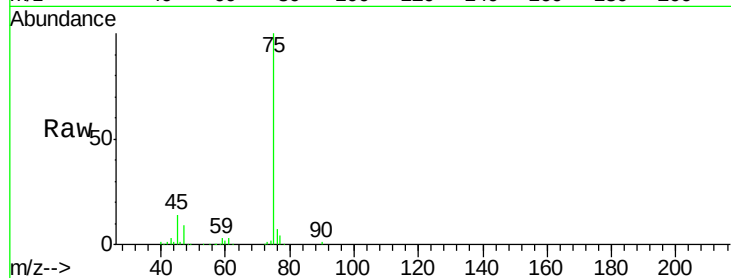
VW0814SBL01

Tgt Ion: 43 Resp: 2684

Ion Ratio Lower Upper

43 100

72 14.4 24.2 36.2#



#26

2,2-Dichloropropane

Concen: 1.078 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW016189.D

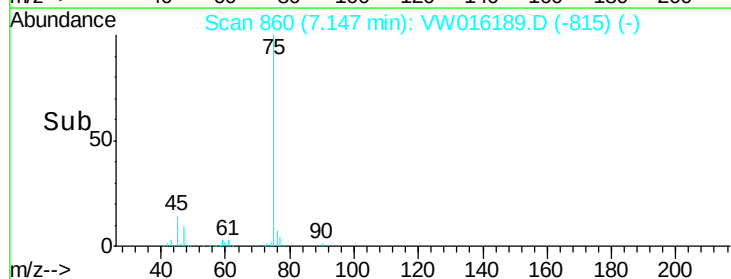
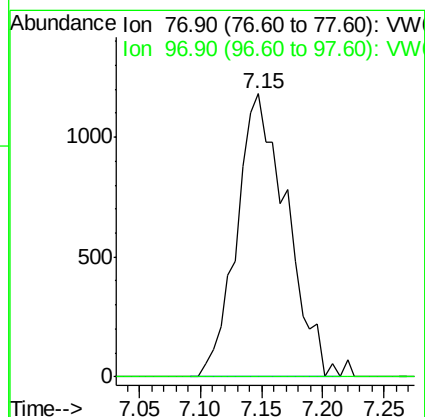
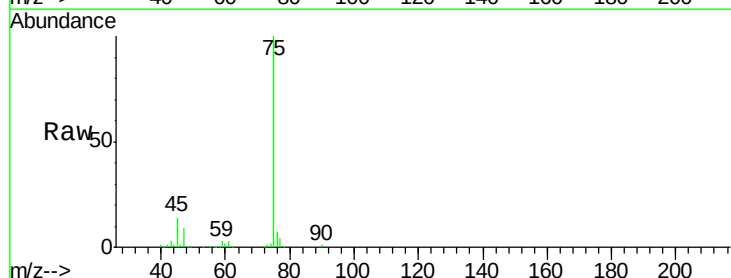
Acq: 14 Aug 2020 13:52

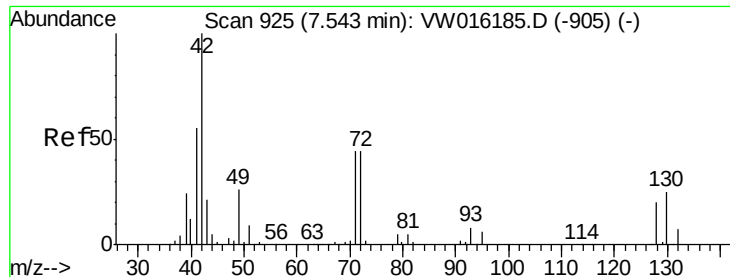
Tgt Ion: 77 Resp: 3338

Ion Ratio Lower Upper

77 100

97 0.0 12.1 36.3#





#29

Tetrahydrofuran

Concen: 1.526 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW016189.D

Acq: 14 Aug 2020 13:52

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBL01

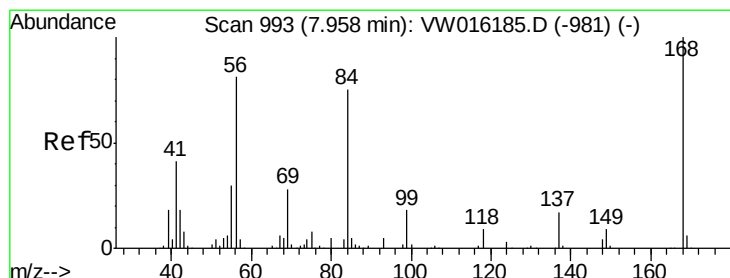
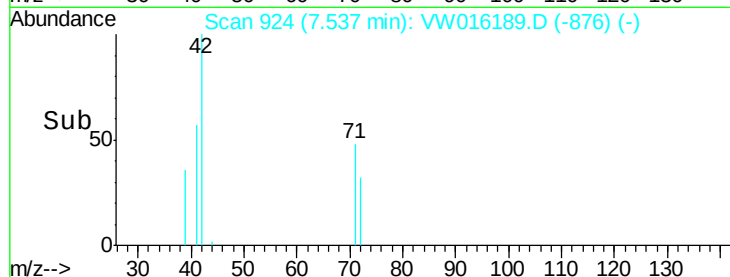
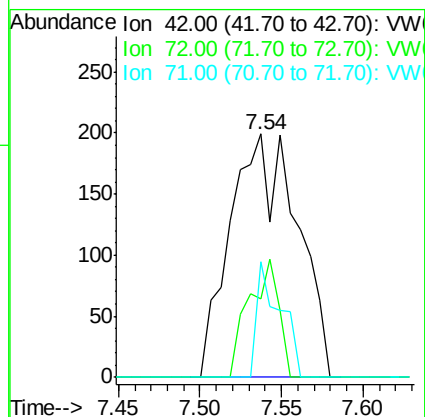
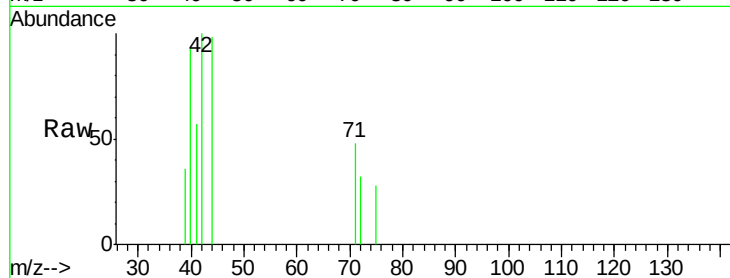
Tgt Ion: 42 Resp: 567

Ion Ratio Lower Upper

42 100

72 21.7 37.4 56.2#

71 16.9 35.6 53.4#



#31

Cyclohexane

Concen: 1.320 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016189.D

Acq: 14 Aug 2020 13:52

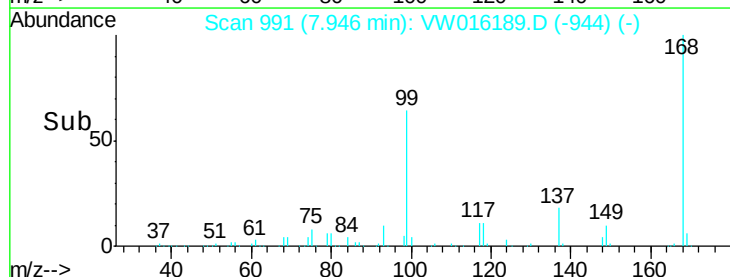
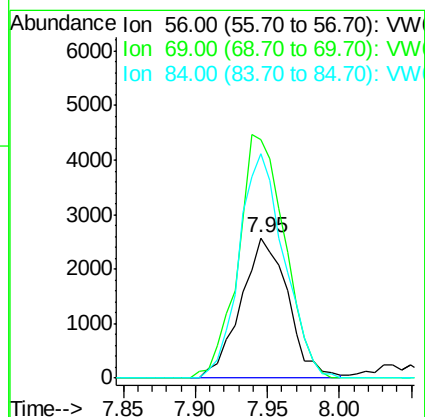
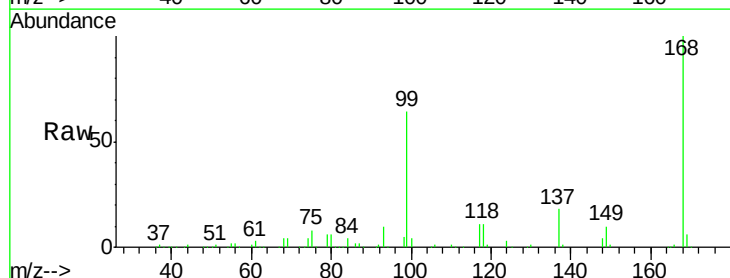
Tgt Ion: 56 Resp: 5831

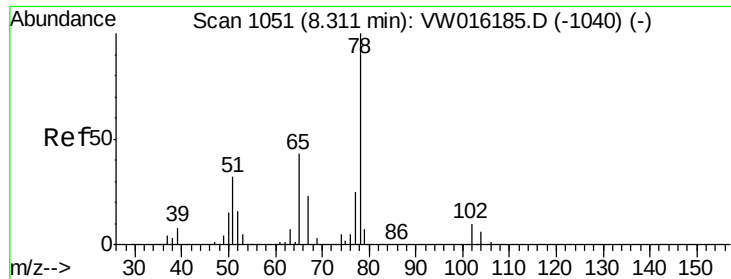
Ion Ratio Lower Upper

56 100

69 170.8 27.3 40.9#

84 160.6 73.5 110.3#

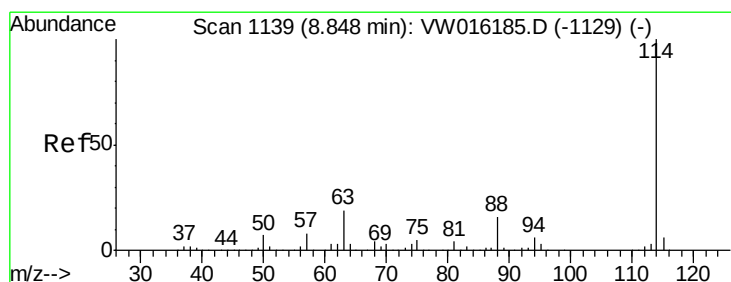
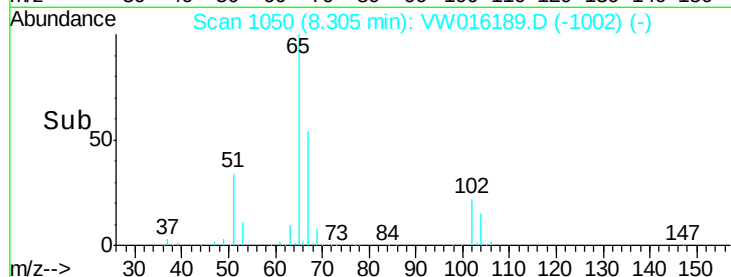
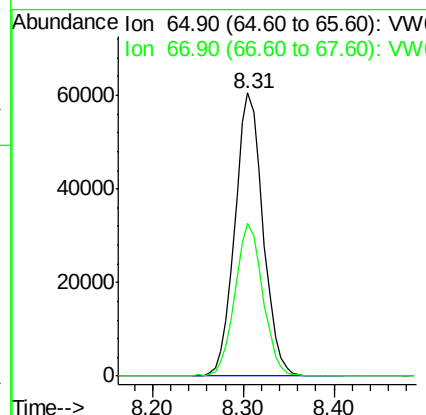
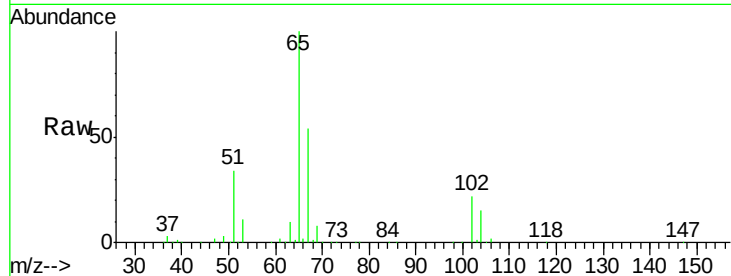




#33
 1,2-Dichloroethane-d4
 Concen: 53.808 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016189.D
 Acq: 14 Aug 2020 13:52

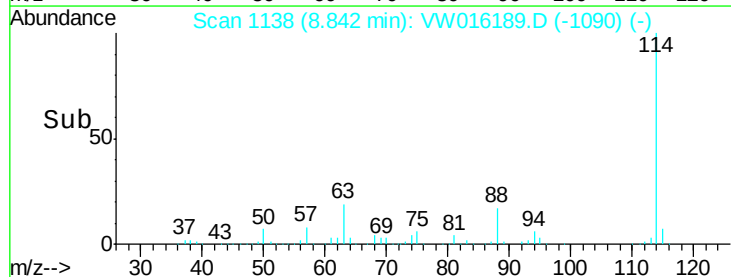
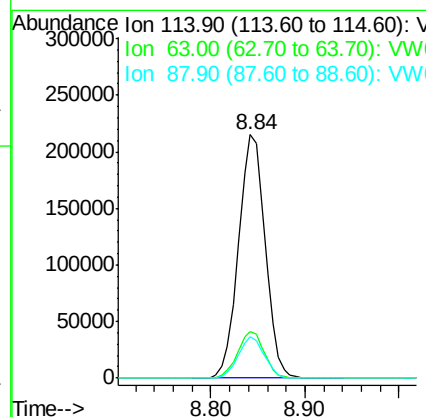
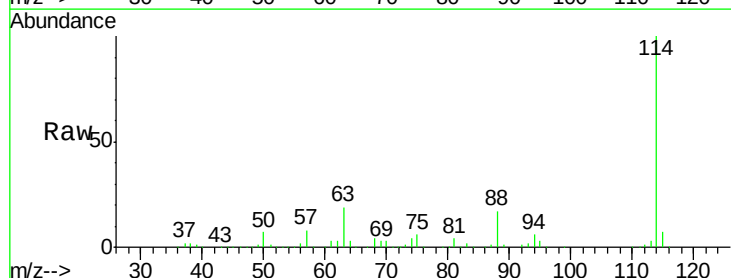
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0814SBL01

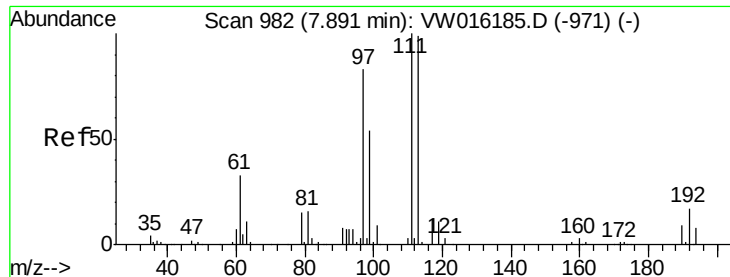
Tgt Ion: 65 Resp: 130286
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016189.D
 Acq: 14 Aug 2020 13:52

Tgt Ion: 114 Resp: 423685
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.4
 88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.094 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016189.D

Acq: 14 Aug 2020 13:52

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBL01

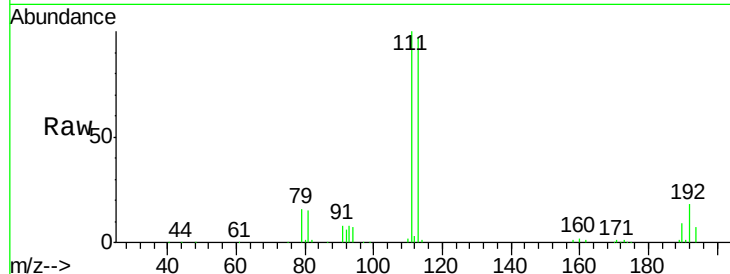
Tgt Ion:113 Resp: 133568

Ion Ratio Lower Upper

113 100

111 103.0 83.5 125.3

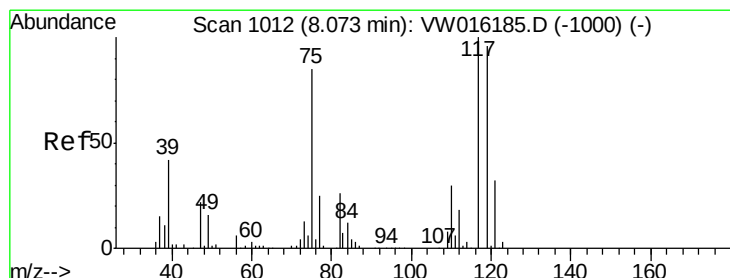
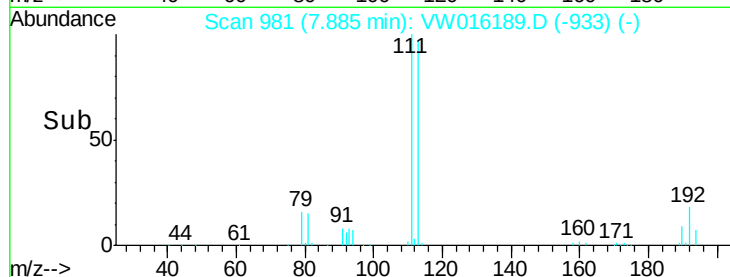
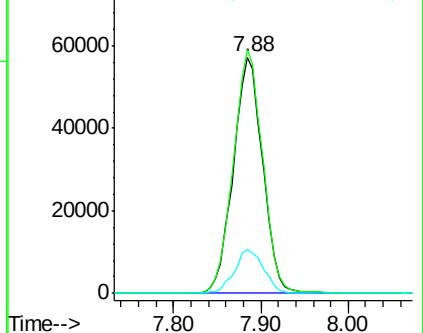
192 18.5 14.3 21.5



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: 6.348 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW016189.D

Acq: 14 Aug 2020 13:52

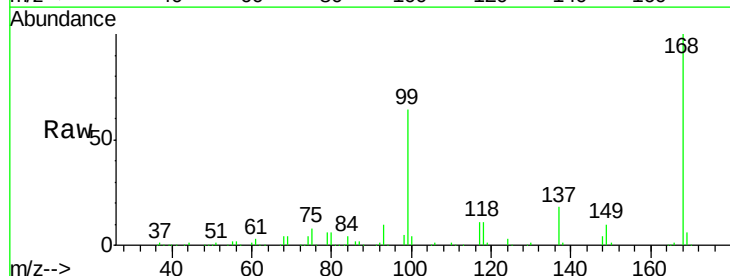
Tgt Ion:117 Resp: 26442

Ion Ratio Lower Upper

117 100

119 5.6 76.6 115.0#

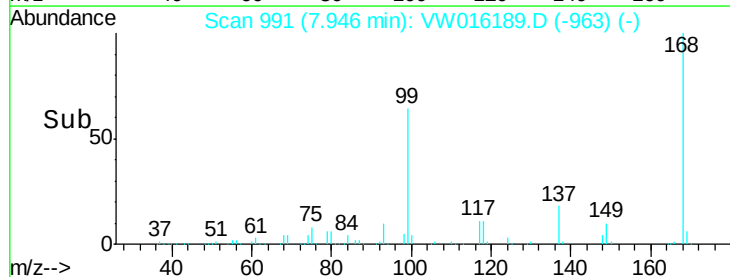
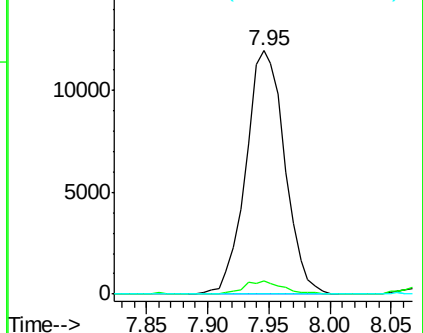
121 0.0 25.4 38.0#

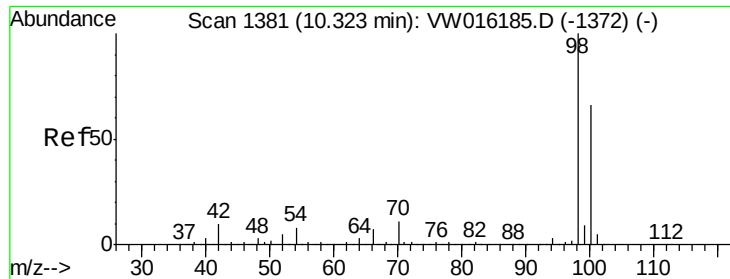


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.163 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016189.D

Acq: 14 Aug 2020 13:52

Instrument :

MSVOA_W

ClientSampleId :

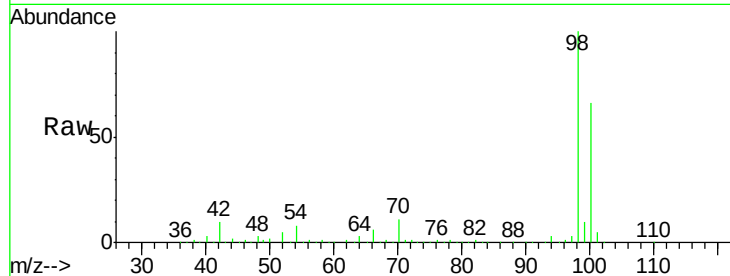
VW0814SBL01

Tgt Ion: 98 Resp: 517722

Ion Ratio Lower Upper

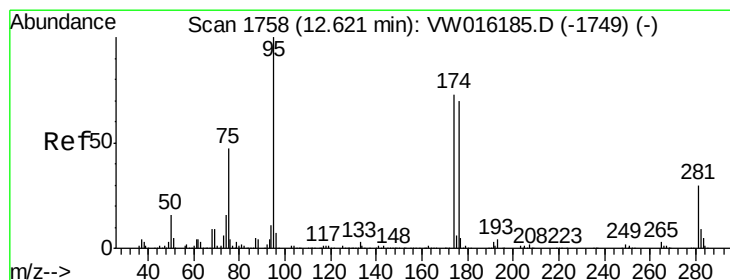
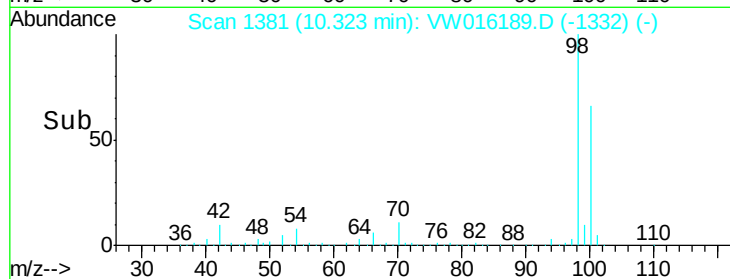
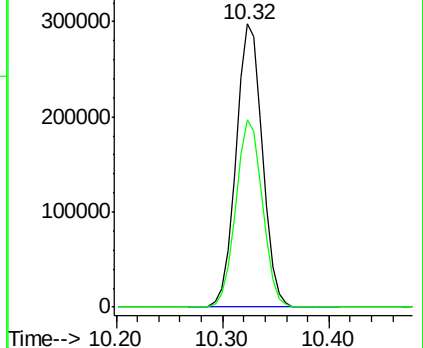
98 100

100 66.8 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 50.742 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016189.D

Acq: 14 Aug 2020 13:52

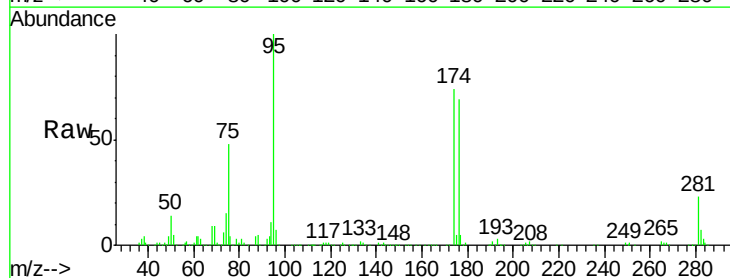
Tgt Ion: 95 Resp: 183538

Ion Ratio Lower Upper

95 100

174 73.4 0.0 145.6

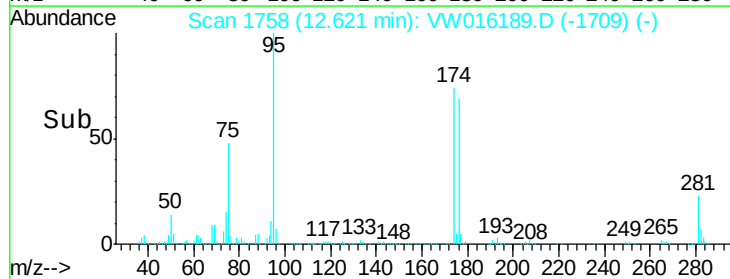
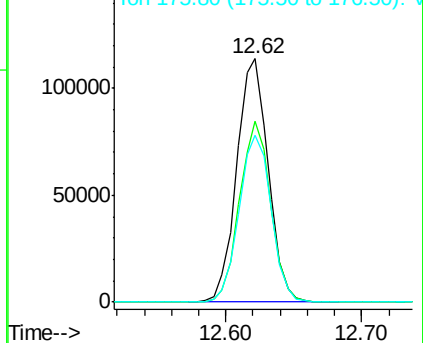
176 70.0 0.0 137.8

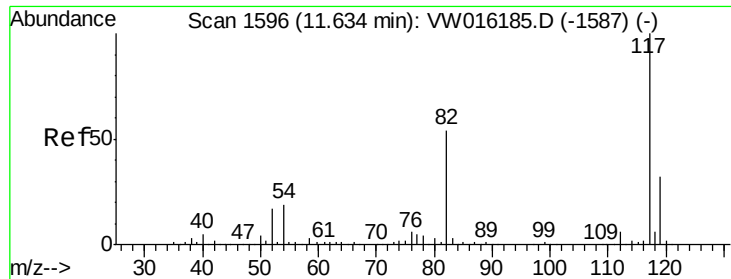


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

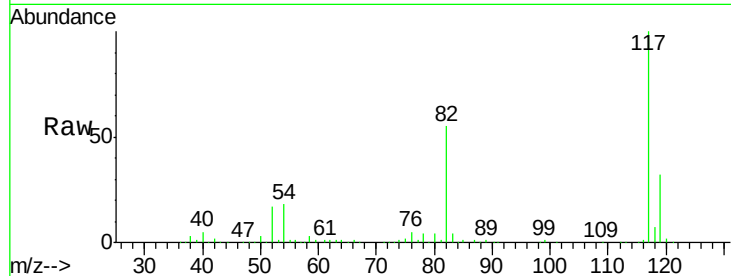




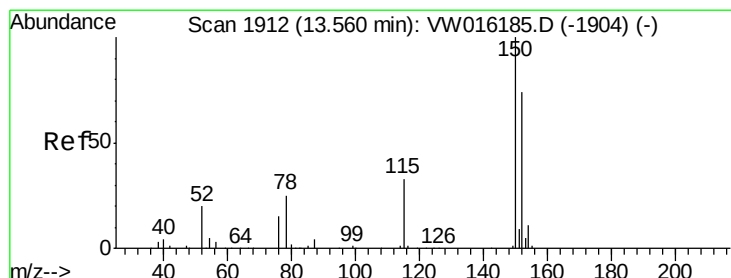
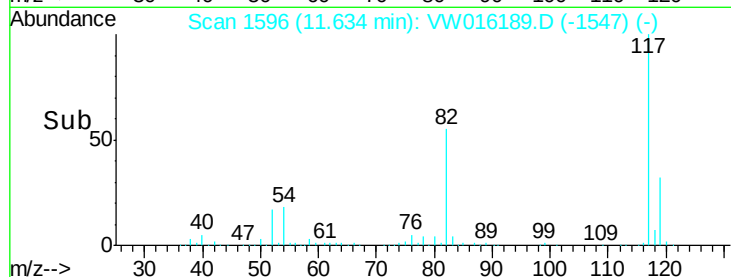
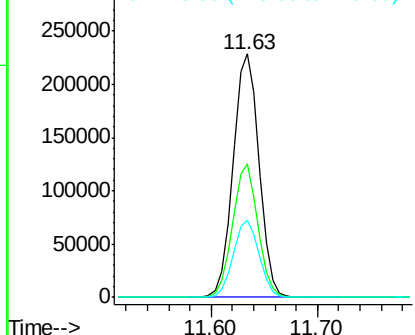
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016189.D
Acq: 14 Aug 2020 13:52

Instrument :
MSVOA_W
ClientSampleId :
VW0814SBL01

Tgt Ion:117 Resp: 391262
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 32.0 25.4 38.0

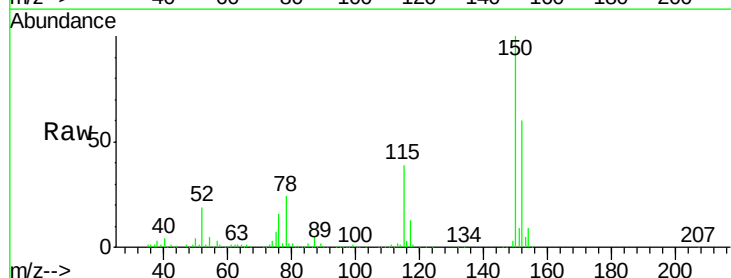


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

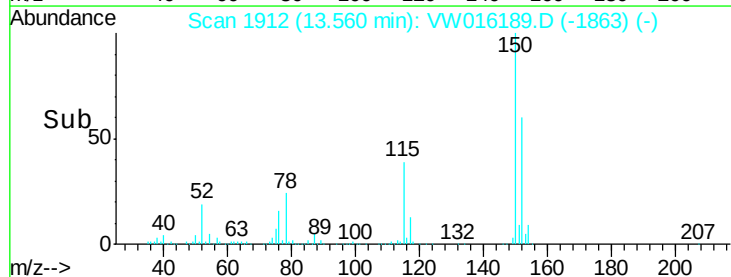
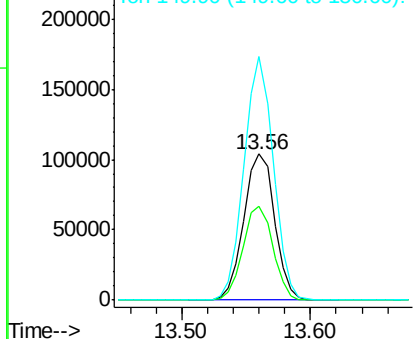


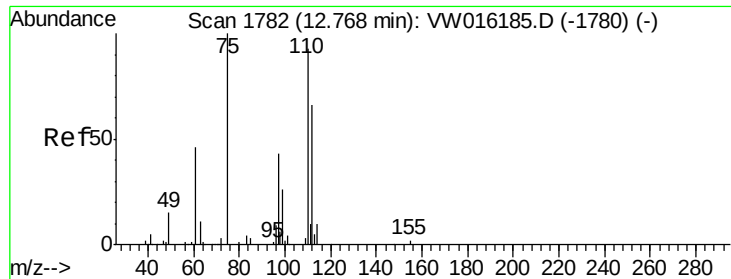
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016189.D
Acq: 14 Aug 2020 13:52

Tgt Ion:152 Resp: 171387
Ion Ratio Lower Upper
152 100
115 63.0 30.9 92.5
150 158.7 0.0 337.8



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: 56.983 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016189.D

Acq: 14 Aug 2020 13:52

Instrument :

MSVOA_W

ClientSampleId :

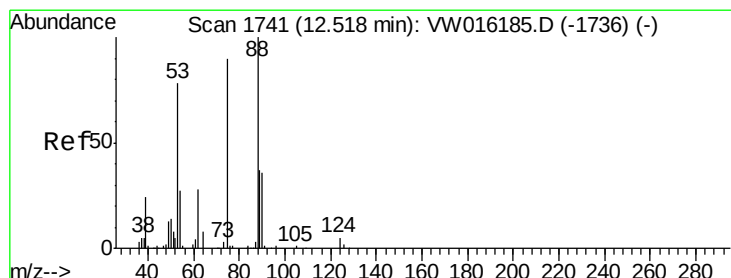
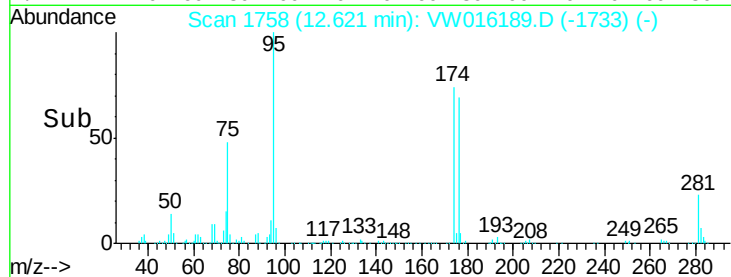
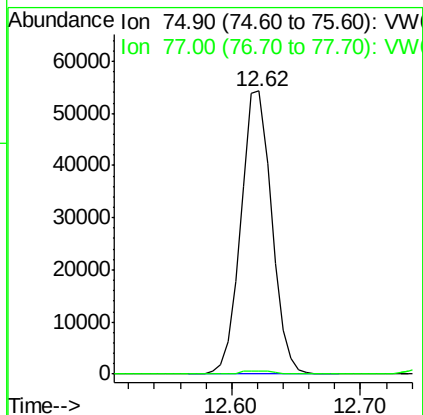
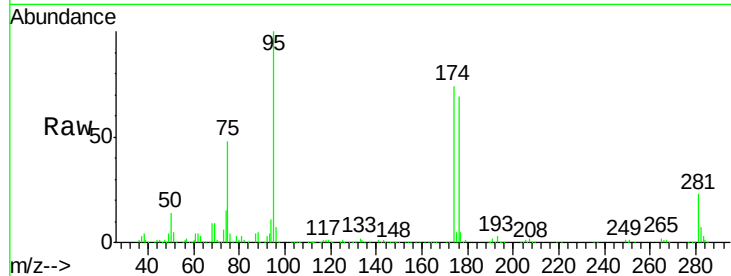
VW0814SBL01

Tgt Ion: 75 Resp: 89817

Ion Ratio Lower Upper

75 100

77 1.2 173.6 520.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.682 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016189.D

Acq: 14 Aug 2020 13:52

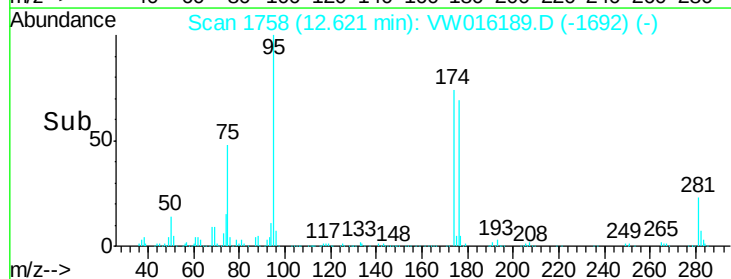
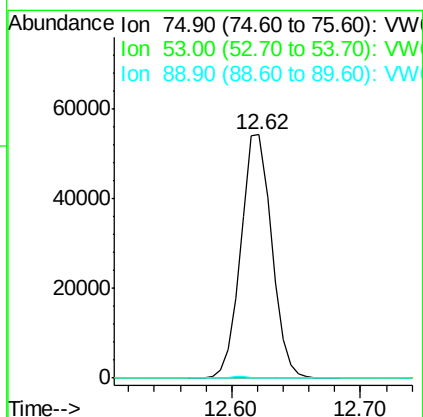
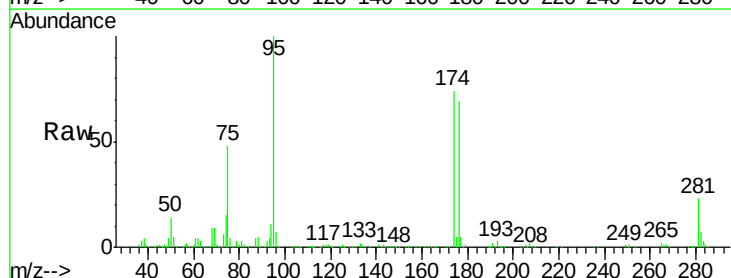
Tgt Ion: 75 Resp: 89817

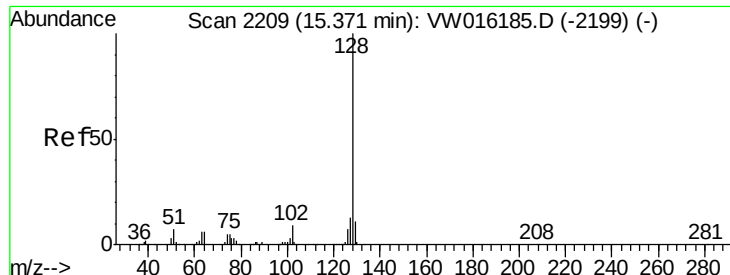
Ion Ratio Lower Upper

75 100

53 0.0 74.6 111.8#

89 0.5 37.2 55.8#





#95

Naphthalene

Concen: 4.202 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016189.D

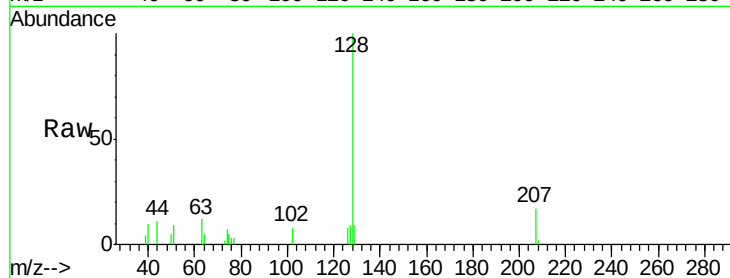
Acq: 14 Aug 2020 13:52

Instrument :

MSVOA_W

ClientSampleId :

VW0814SBL01



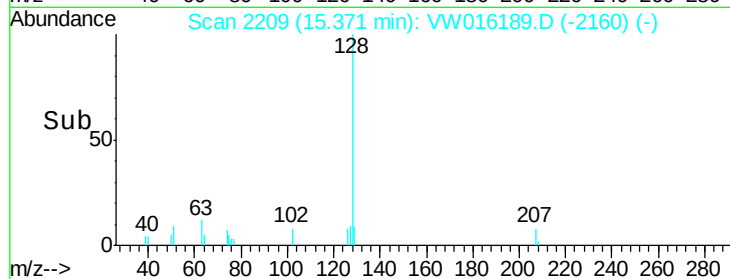
Tgt Ion:128 Resp: 4243

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

