

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016197.D
 Acq On : 14 Aug 2020 17:26
 Operator : SY/VA
 Sample : L3625-01
 Misc : 5.13G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PN-SP

Quant Time: Aug 17 08:12:29 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

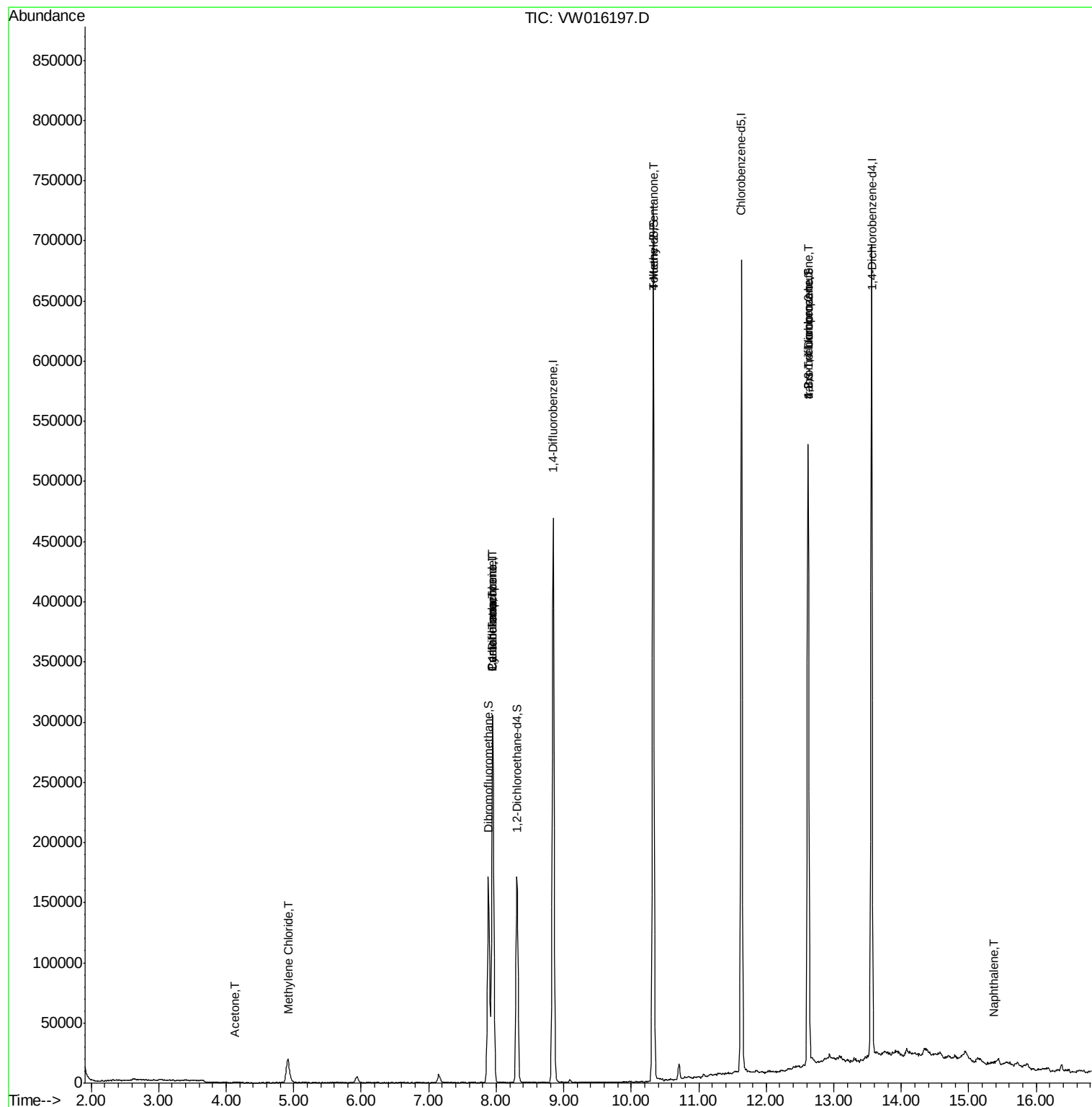
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171049	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132156	60.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.58%	
35) Dibromofluoromethane	7.88	113	126842	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.32	98	501481	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.62	95	190906	54.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.08%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1344	3.201	ug/l #	78
20) Methylene Chloride	4.91	84	17574	1.993	ug/l	95
31) Cyclohexane	7.94	56	4321	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17758	4.396	ug/l #	49
38) Carbon Tetrachloride	7.95	117	23636	5.864	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1975	1.499	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	90300	57.403	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	90300	137.689	ug/l #	12
95) Naphthalene	15.36	128	1038	3.731	ug/l #	60

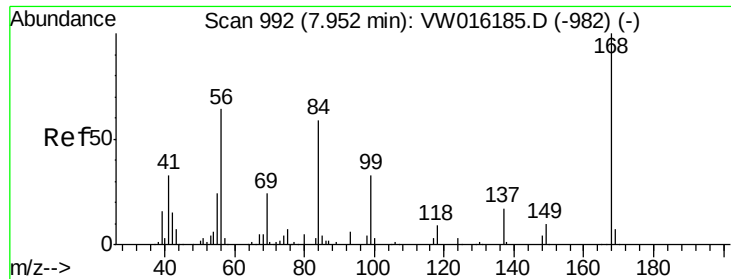
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
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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: VW016197.D

Acq: 14 Aug 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

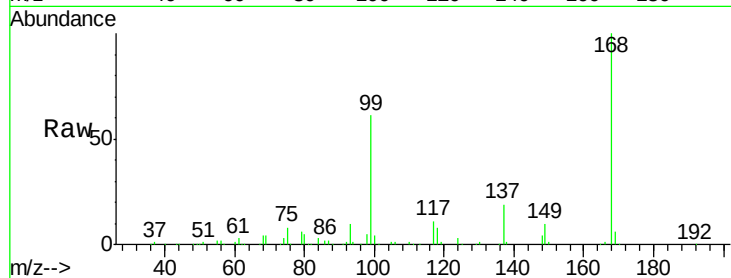
PN-SP

Tgt Ion:168 Resp: 224769

Ion Ratio Lower Upper

168 100

99 60.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

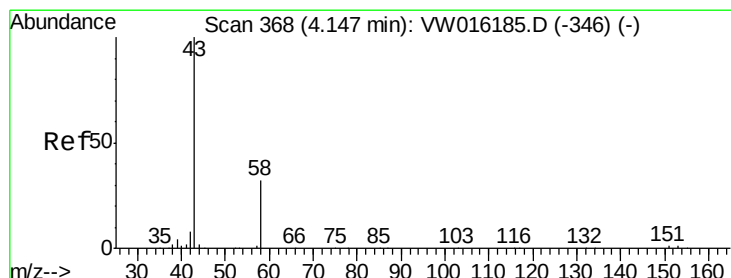
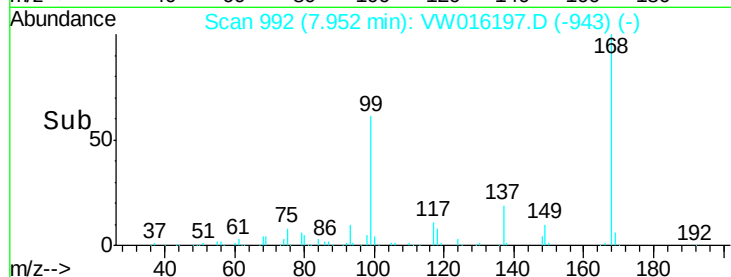
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 3.201 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016197.D

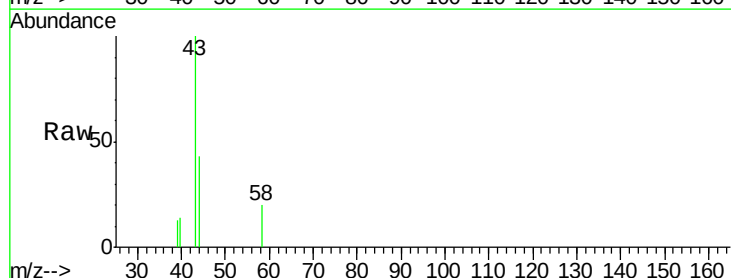
Acq: 14 Aug 2020 17:26

Tgt Ion: 43 Resp: 1344

Ion Ratio Lower Upper

43 100

58 19.6 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

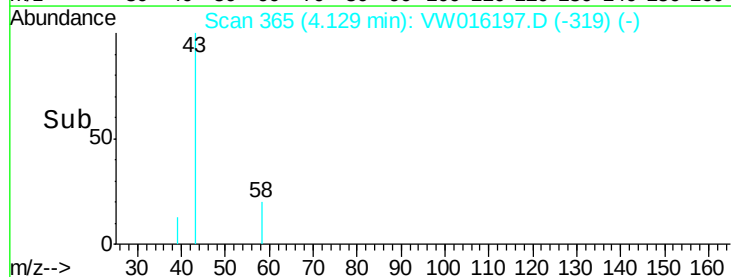
600

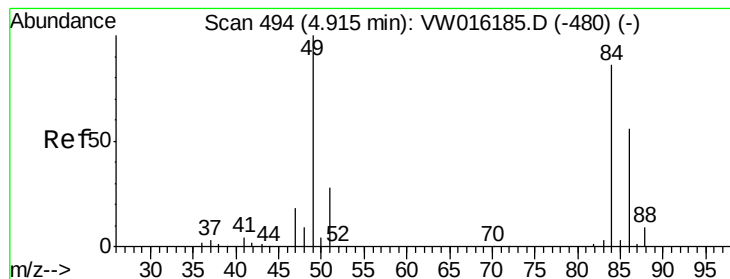
400

200

0

Time--> 4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: 1.993 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016197.D

Acq: 14 Aug 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

PN-SP

Tgt Ion: 84 Resp: 17574

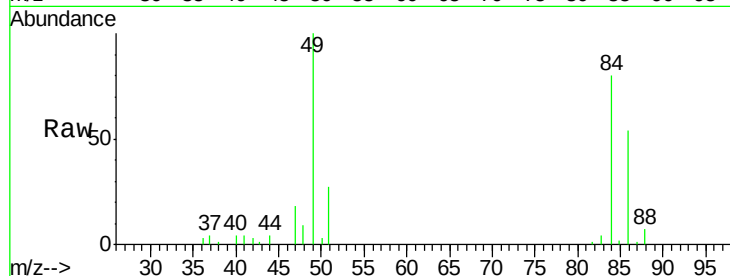
Ion Ratio Lower Upper

84 100

49 124.5 93.4 140.2

51 34.1 26.6 40.0

86 66.8 52.2 78.2

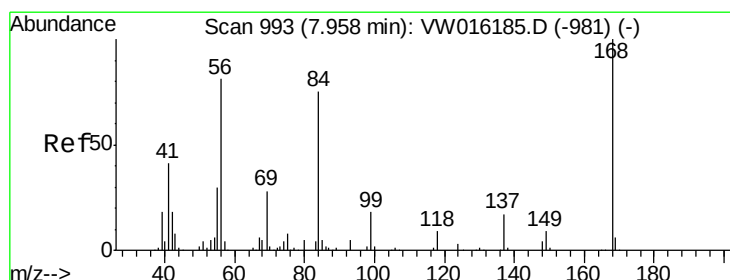
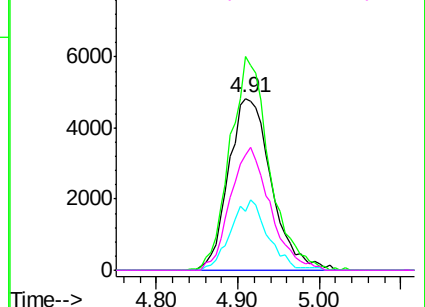
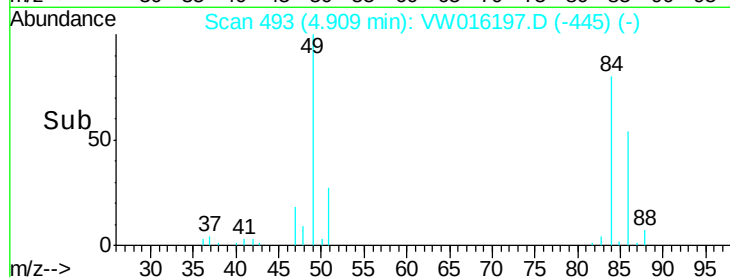


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.080 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW016197.D

Acq: 14 Aug 2020 17:26

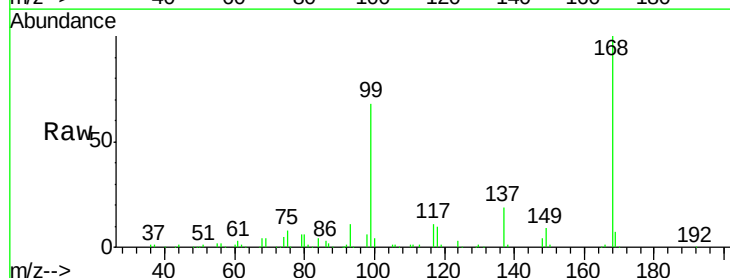
Tgt Ion: 56 Resp: 4321

Ion Ratio Lower Upper

56 100

69 166.6 27.3 40.9#

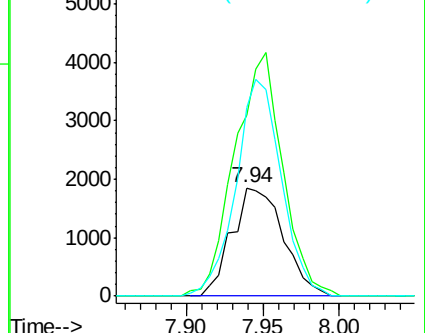
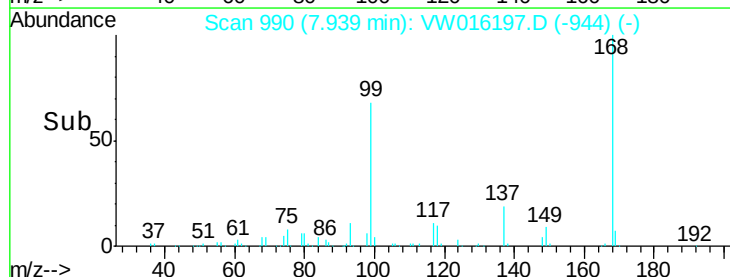
84 174.0 73.5 110.3#

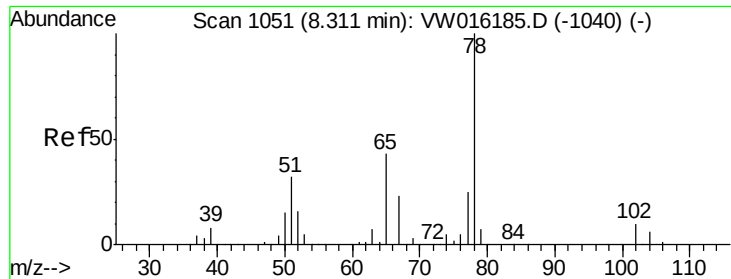


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

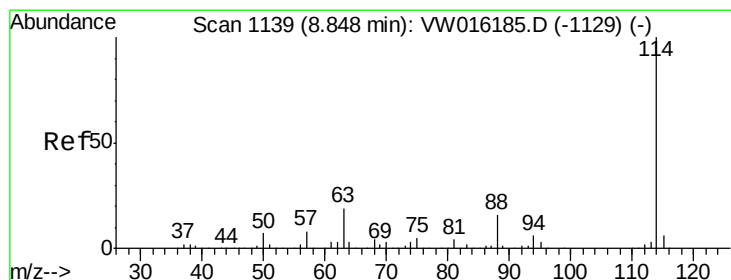
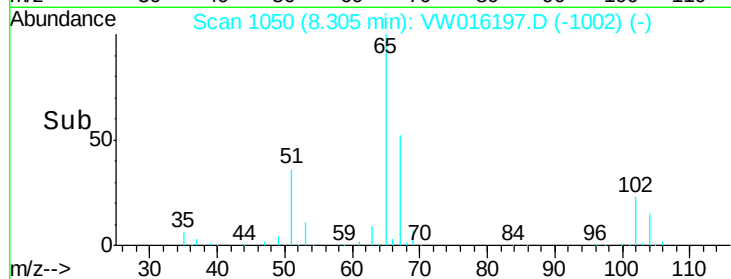
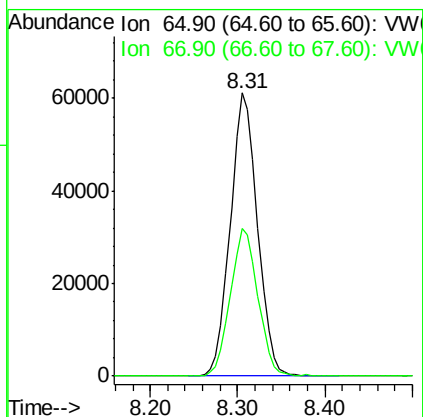
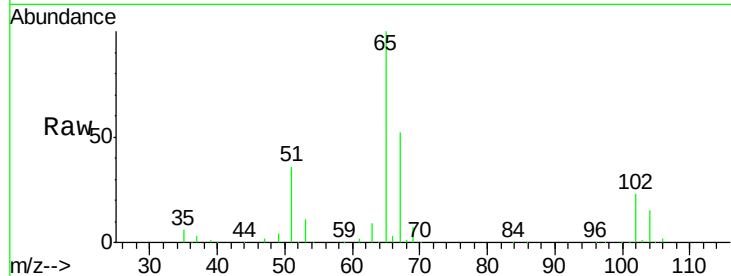




#33
 1,2-Dichloroethane-d4
 Concen: 60.292 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016197.D
 Acq: 14 Aug 2020 17:26

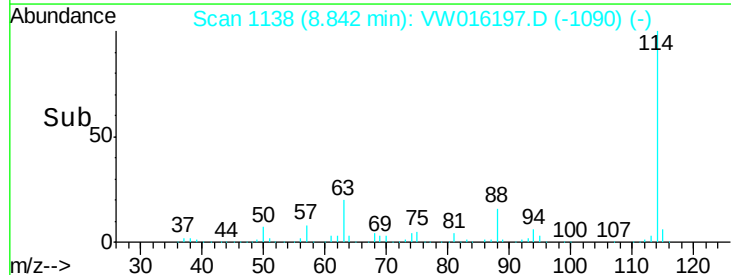
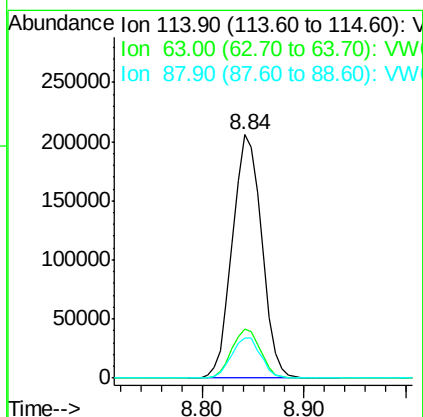
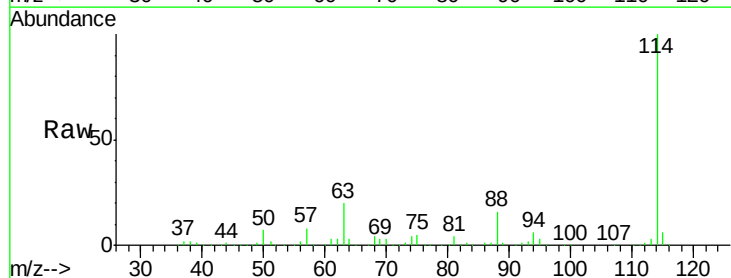
Instrument :
 MSVOA_W
 ClientSampleId :
 PN-SP

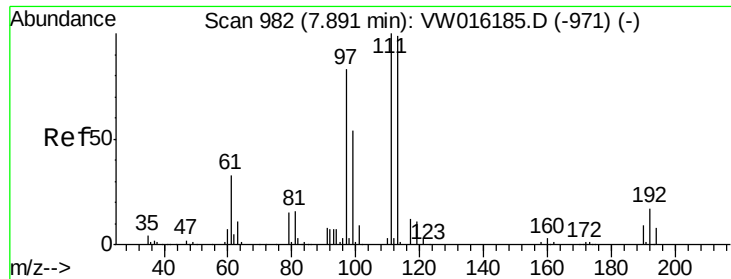
Tgt Ion: 65 Resp: 132156
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016197.D
 Acq: 14 Aug 2020 17:26

Tgt Ion: 114 Resp: 410016
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.4
 88 16.4 0.0 32.8

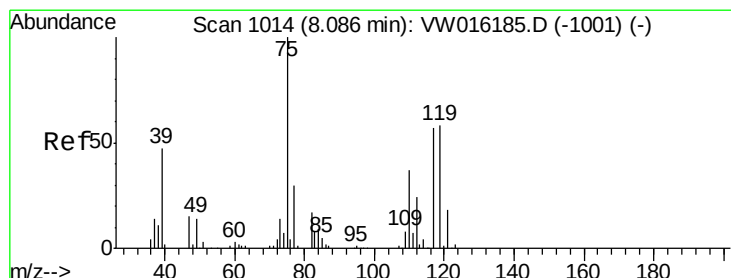
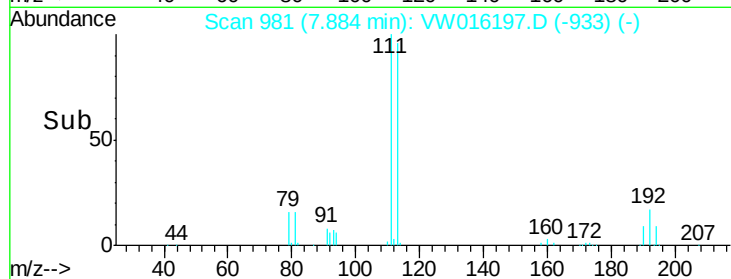
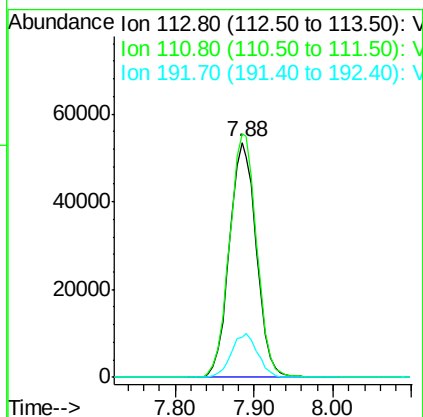
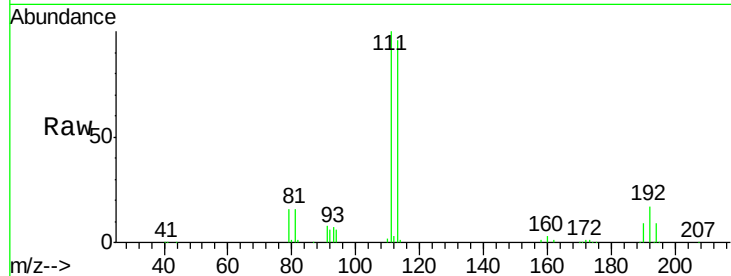




#35
 Dibromofluoromethane
 Concen: 50.139 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW016197.D
 Acq: 14 Aug 2020 17:26

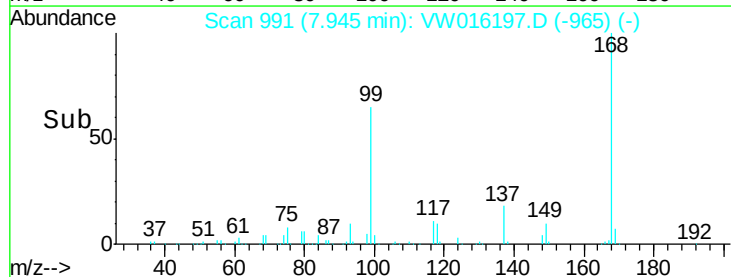
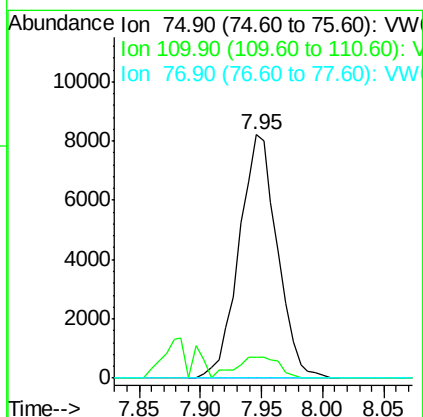
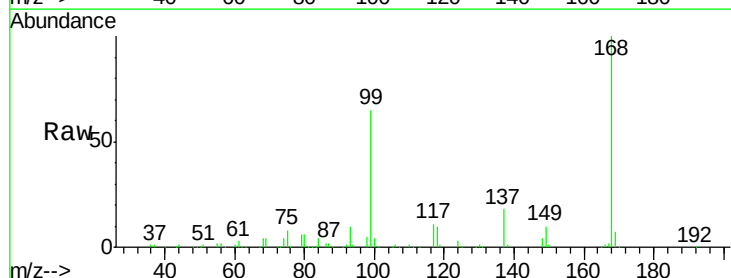
Instrument :
 MSVOA_W
 ClientSampleId :
 PN-SP

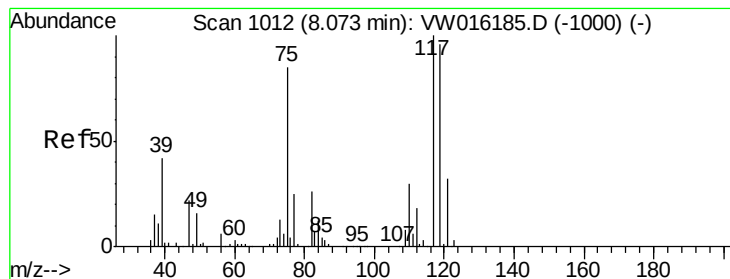
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	83.5	125.3
192	18.3	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 4.396 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016197.D
 Acq: 14 Aug 2020 17:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.864 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW016197.D

Acq: 14 Aug 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

PN-SP

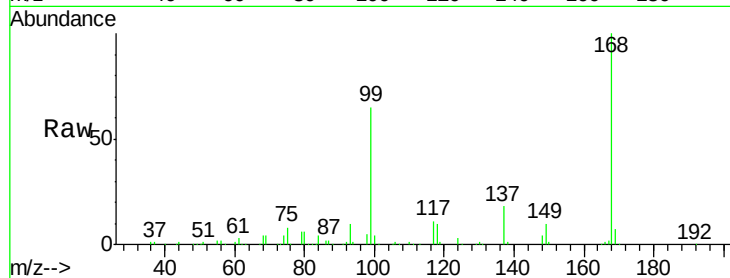
Tgt Ion:117 Resp: 23636

Ion Ratio Lower Upper

117 100

119 5.6 76.6 115.0#

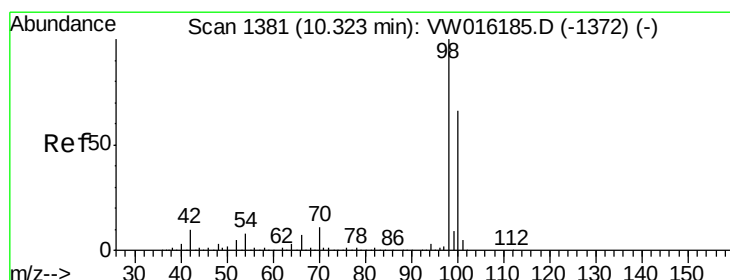
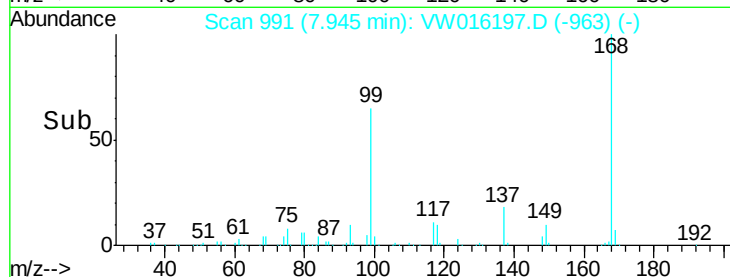
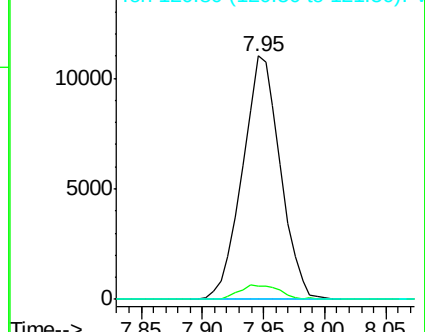
121 0.0 25.4 38.0#



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: 51.210 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016197.D

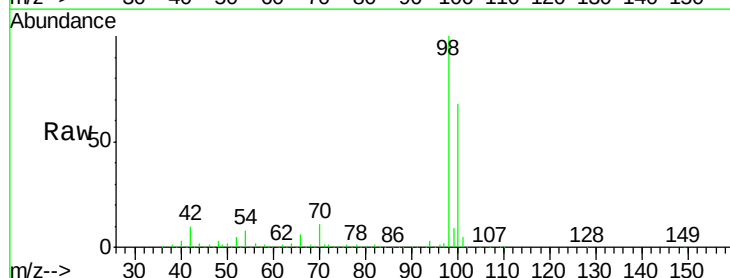
Acq: 14 Aug 2020 17:26

Tgt Ion: 98 Resp: 501481

Ion Ratio Lower Upper

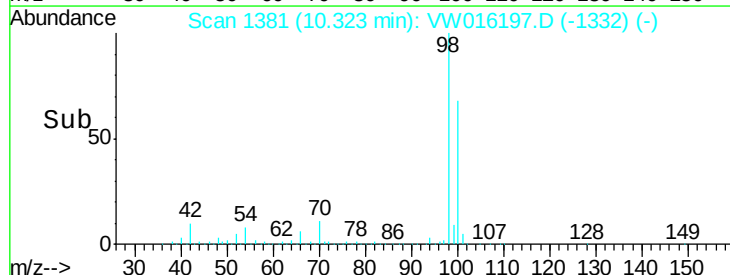
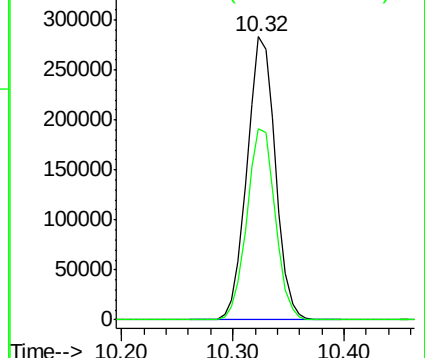
98 100

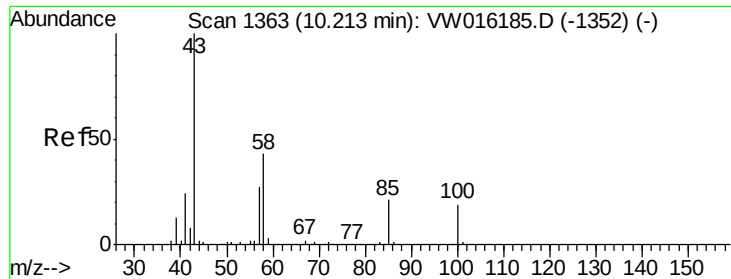
100 67.7 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

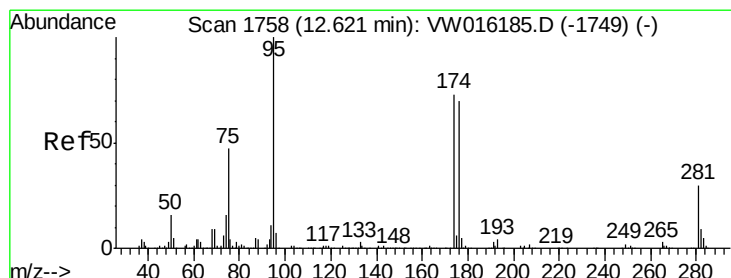
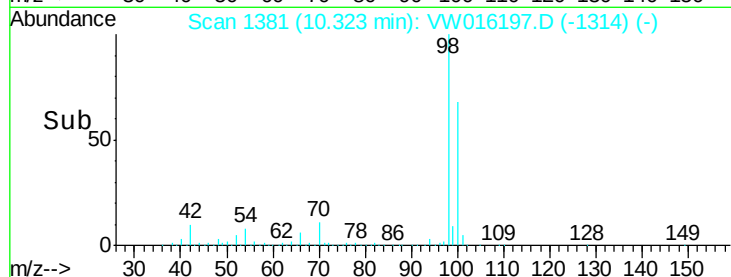
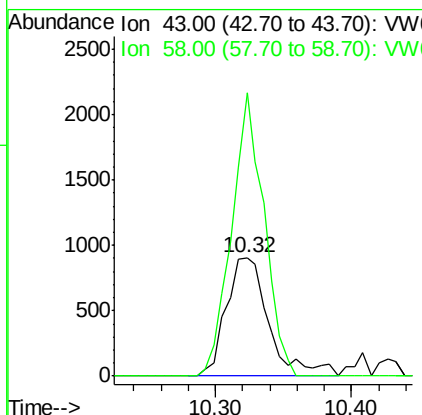
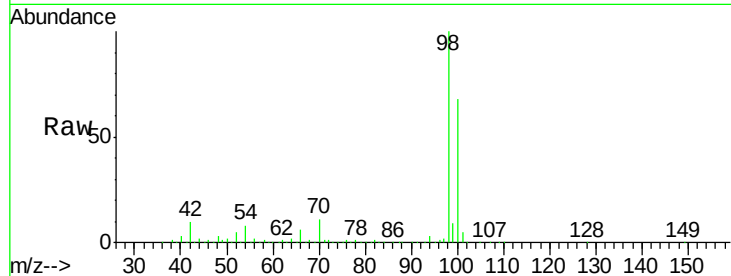




#51
 4-Methyl-2-Pentanone
 Concen: 1.499 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW016197.D
 Acq: 14 Aug 2020 17:26

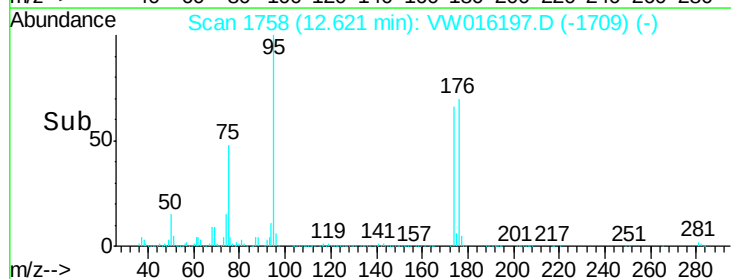
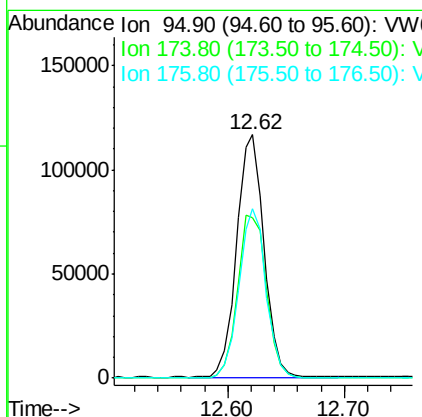
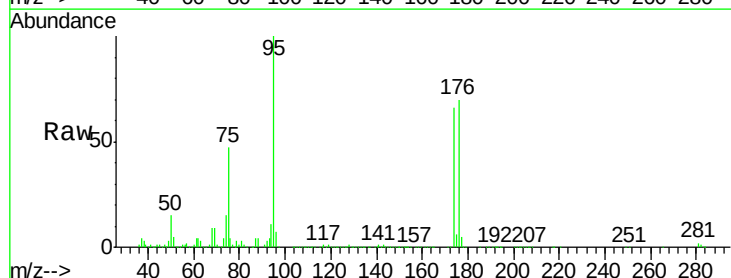
Instrument :
 MSVOA_W
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 PN-SP

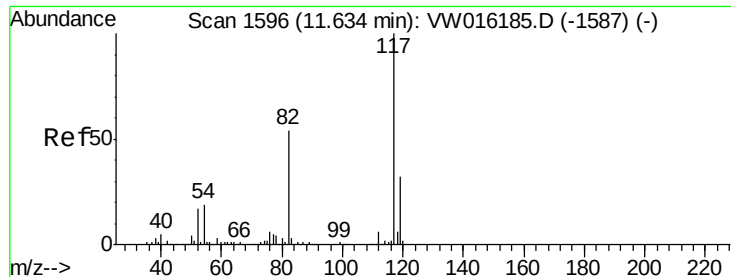
Tgt Ion: 43 Resp: 1975
 Ion Ratio Lower Upper
 43 100
 58 182.2 33.7 50.5#



#62
 4-Bromofluorobenzene
 Concen: 54.539 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016197.D
 Acq: 14 Aug 2020 17:26

Tgt Ion: 95 Resp: 190906
 Ion Ratio Lower Upper
 95 100
 174 70.8 0.0 145.6
 176 69.1 0.0 137.8

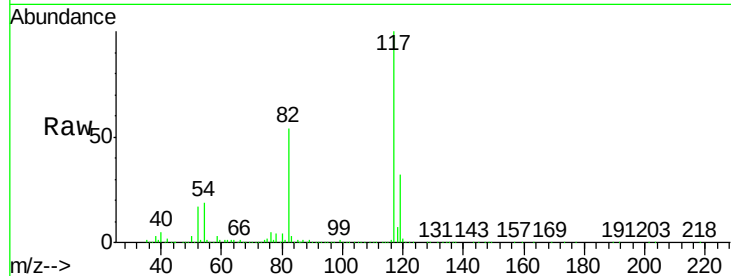




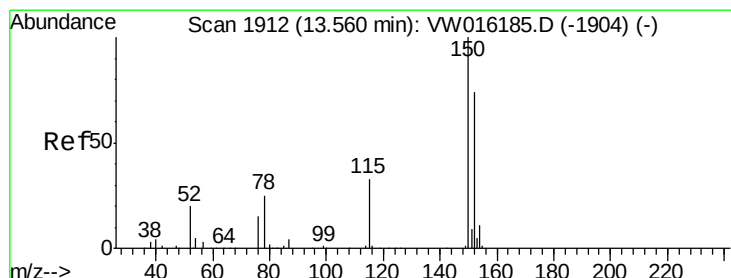
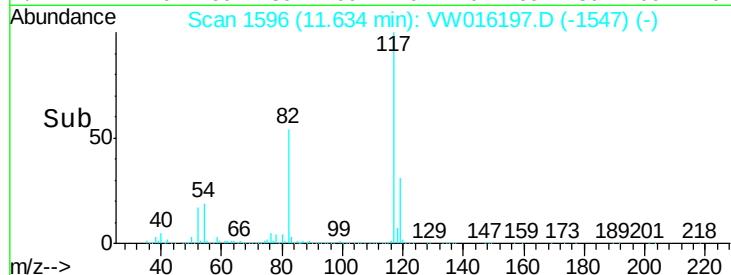
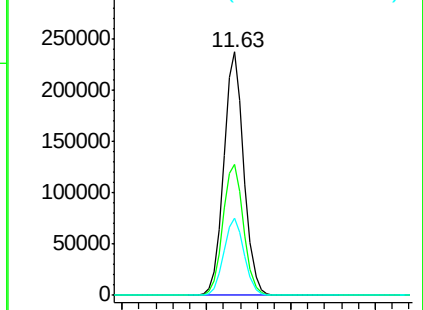
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016197.D
Acq: 14 Aug 2020 17:26

Instrument :
MSVOA_W
ClientSampleId :
PN-SP

Tgt Ion:117 Resp: 386500
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 31.5 25.4 38.0

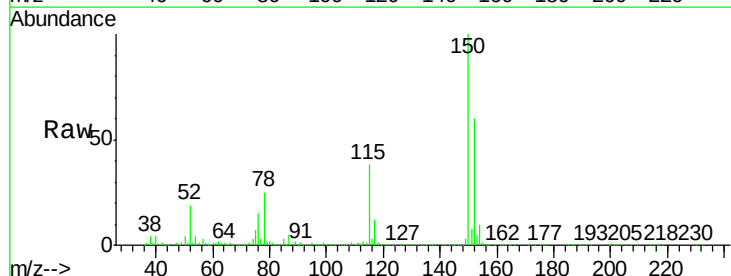


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

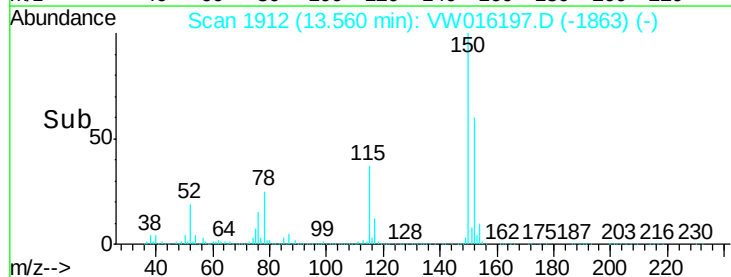
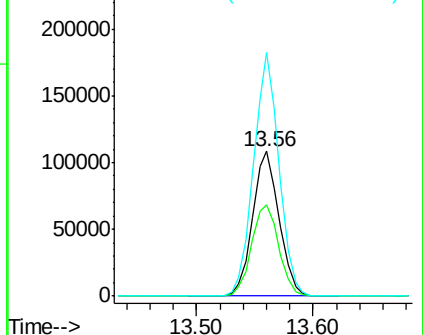


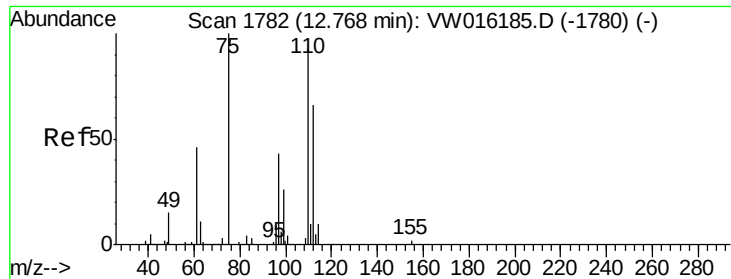
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016197.D
Acq: 14 Aug 2020 17:26

Tgt Ion:152 Resp: 171049
Ion Ratio Lower Upper
152 100
115 64.8 30.9 92.5
150 161.8 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: 57.403 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016197.D

Acq: 14 Aug 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

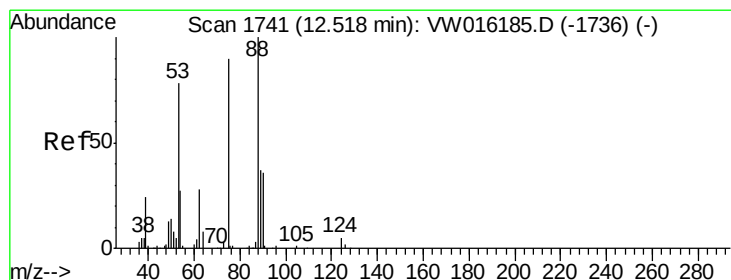
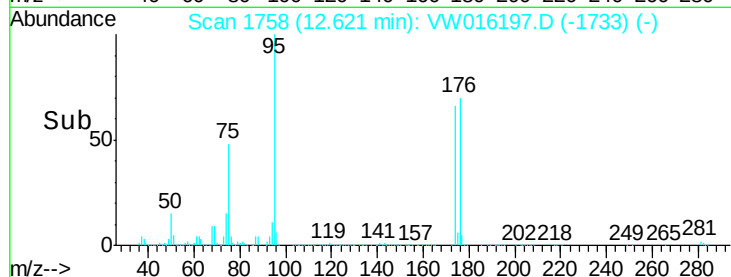
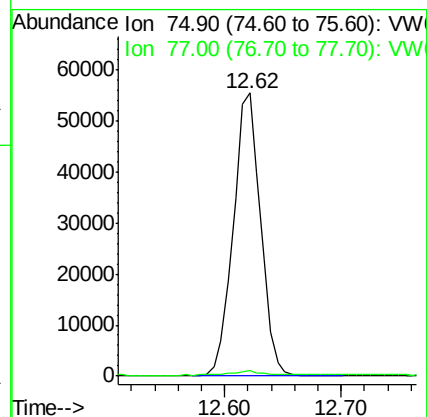
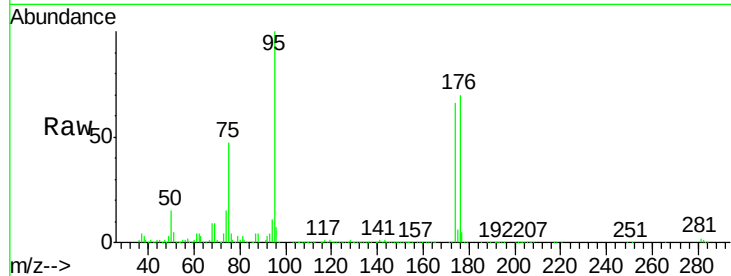
PN-SP

Tgt Ion: 75 Resp: 90300

Ion Ratio Lower Upper

75 100

77 2.3 173.6 520.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.689 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016197.D

Acq: 14 Aug 2020 17:26

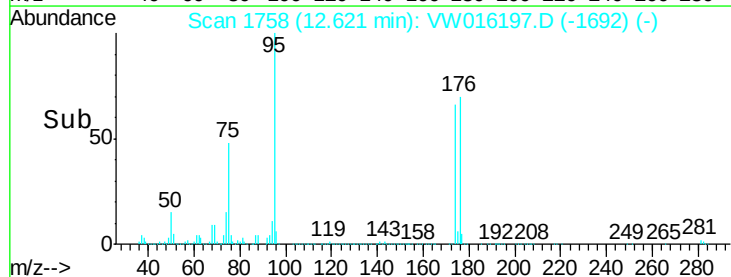
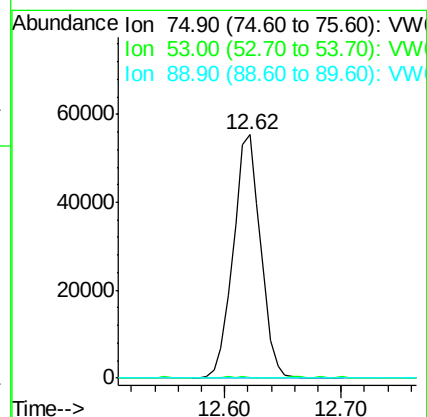
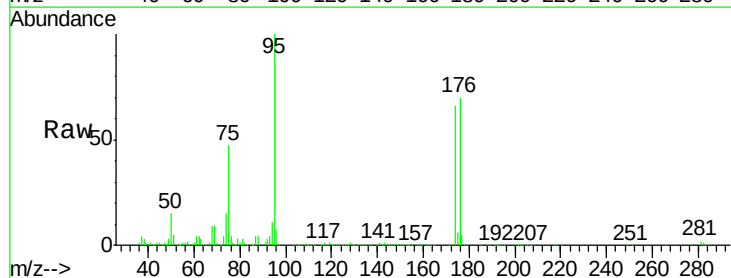
Tgt Ion: 75 Resp: 90300

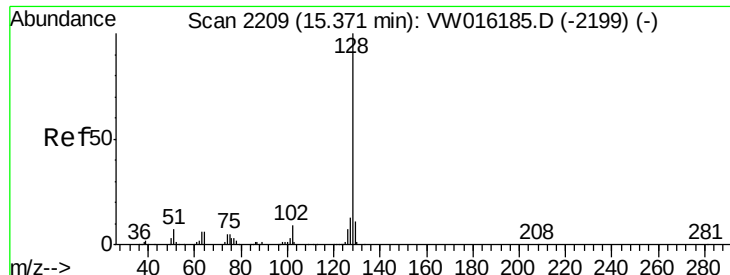
Ion Ratio Lower Upper

75 100

53 0.0 74.6 111.8#

89 0.1 37.2 55.8#





#95

Naphthalene

Concen: 3.731 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016197.D

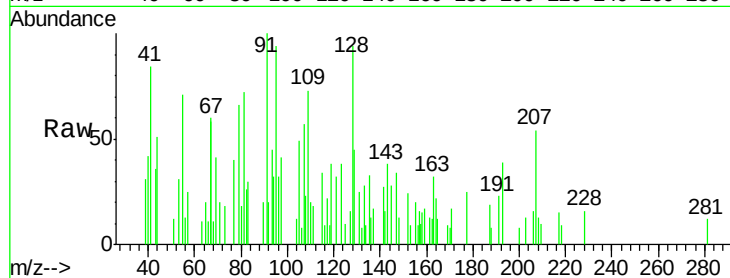
Acq: 14 Aug 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

PN-SP



Tgt Ion:128 Resp: 1038

Ion Ratio Lower Upper

128 100

127 38.0 10.2 15.4#

129 15.2 8.7 13.1#

