

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016286.D
 Acq On : 21 Aug 2020 02:26
 Operator : SY/VA
 Sample : L3742-06
 Misc : 9.20G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-D2

Quant Time: Aug 21 03:52:21 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	229658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	443967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175666	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	126097	56.30	ug/l	0.00
Spiked Amount			Recovery	=	112.60%	
35) Dibromofluoromethane	7.88	113	135687	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
50) Toluene-d8	10.32	98	545753	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	194993	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	

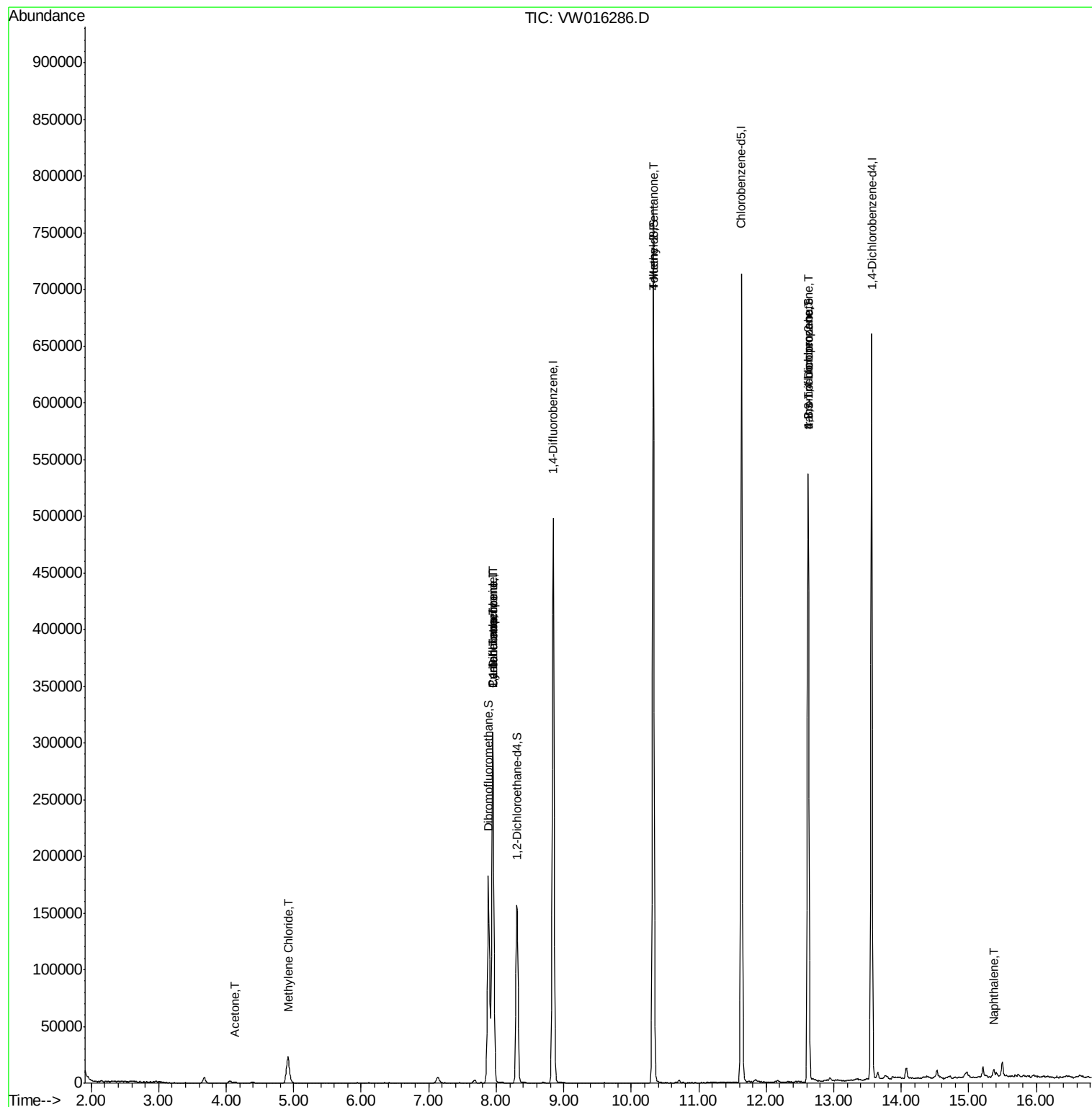
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	1948	4.540	ug/l #	70
20) Methylene Chloride	4.92	84	18978	2.418	ug/l	95
31) Cyclohexane	7.95	56	4483	1.097	ug/l #	11
36) 1,1-Dichloropropene	7.95	75	18227	4.167	ug/l #	49
38) Carbon Tetrachloride	7.95	117	24191	5.542	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	2007	1.407	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	92232	57.090	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	92232	136.938	ug/l #	12
95) Naphthalene	15.36	128	6175	4.464	ug/l #	96

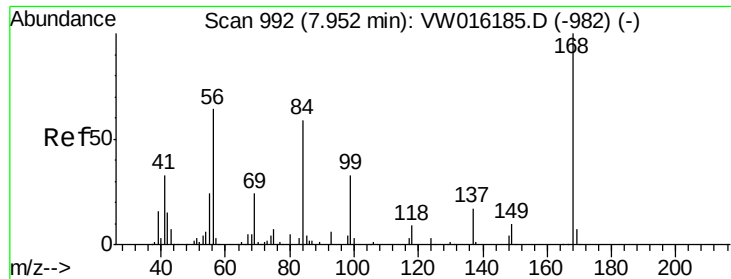
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW016286.D

Acq: 21 Aug 2020 02:26

Instrument :

MSVOA_W

ClientSampleId :

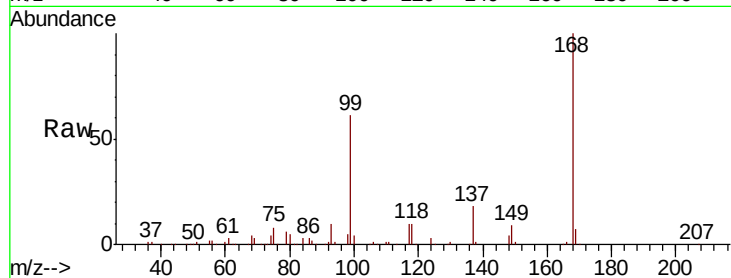
TP-10-D2

Tot Ion:168 Resp: 229658

Ion Ratio Lower Upper

168 100

99 60.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

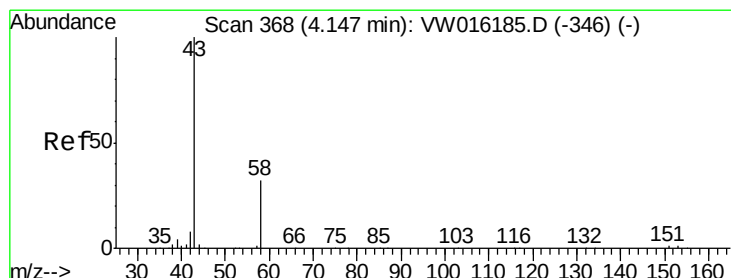
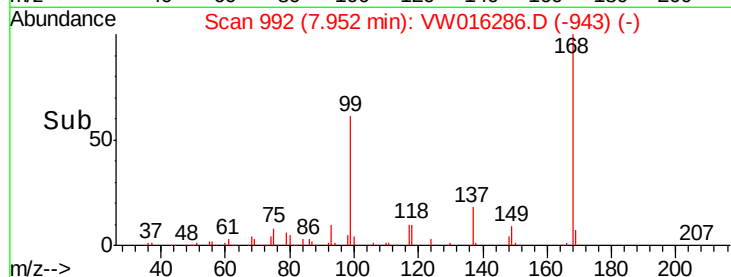
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 4.540 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW016286.D

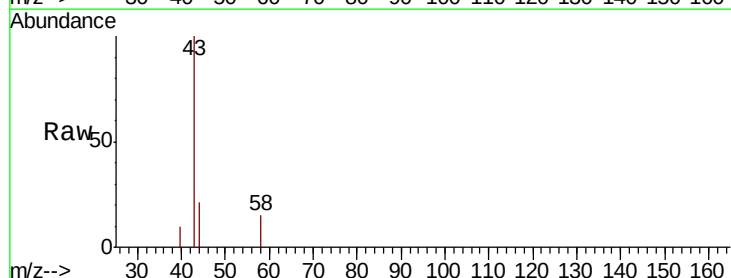
Acq: 21 Aug 2020 02:26

Tgt Ion: 43 Resp: 1948

Ion Ratio Lower Upper

43 100

58 15.3 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

800

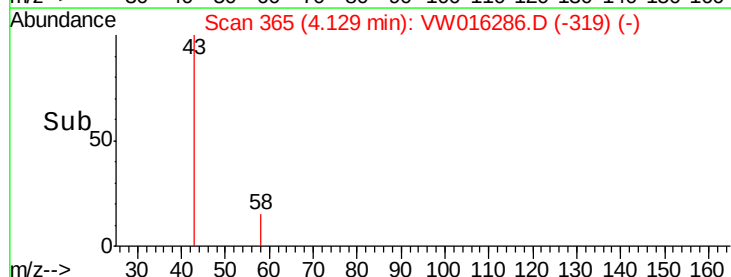
600

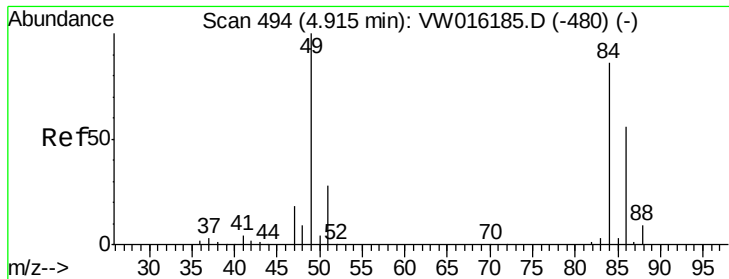
400

200

0

Time--> 4.10 4.20





#20

Methvlene Chloride

Concen: 2.418 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

Instrument :

MSVOA_W

ClientSampled :

TP-10-D2

Tot Ion: 84 Resp: 18978

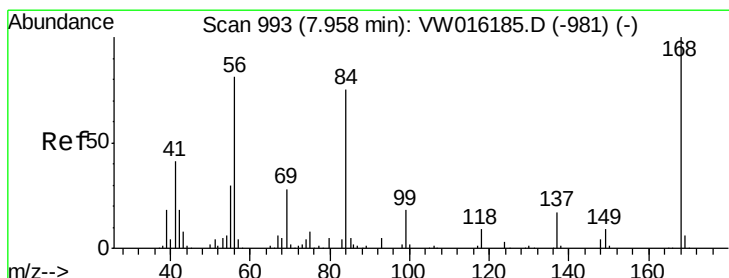
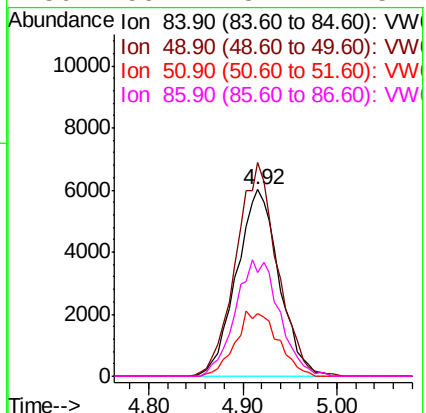
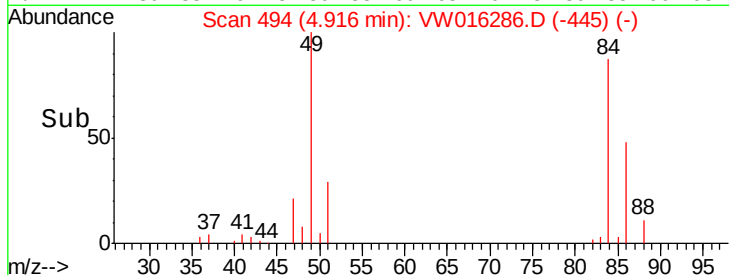
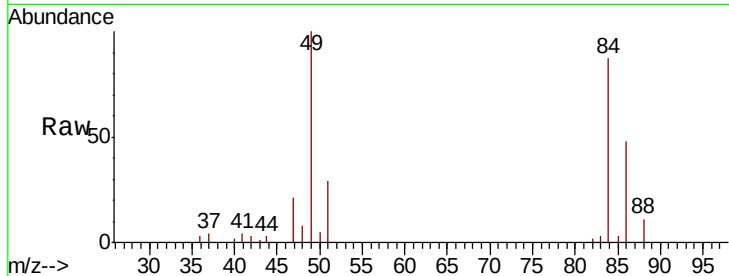
Ion Ratio Lower Upper

84 100

49 114.6 93.4 140.2

51 33.5 26.6 40.0

86 55.4 52.2 78.2



#31

Cyclohexane

Concen: 1.097 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

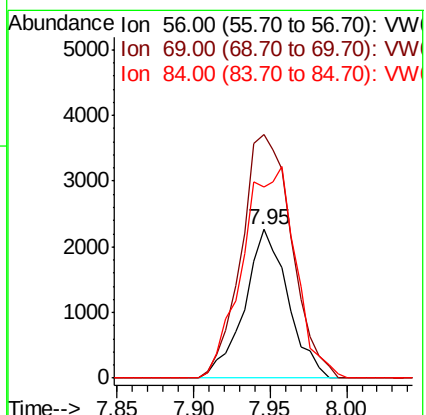
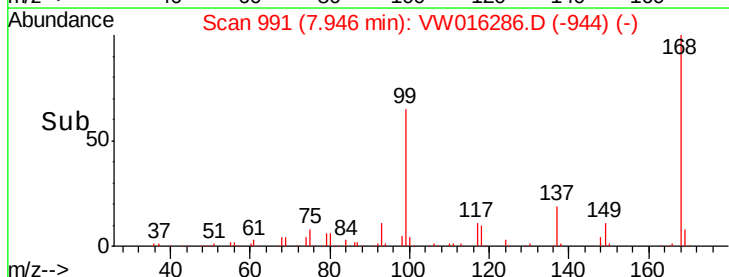
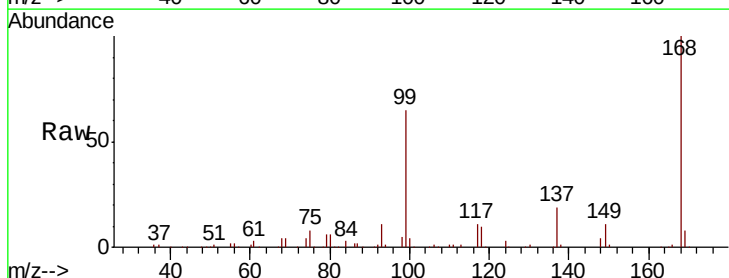
Tgt Ion: 56 Resp: 4483

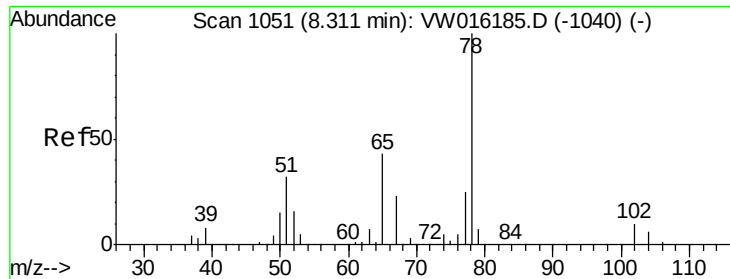
Ion Ratio Lower Upper

56 100

69 163.7 27.3 40.9#

84 128.8 73.5 110.3#

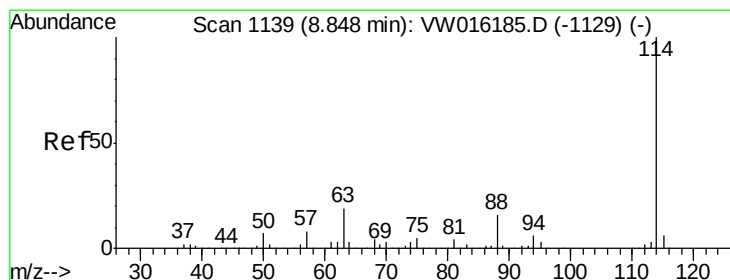
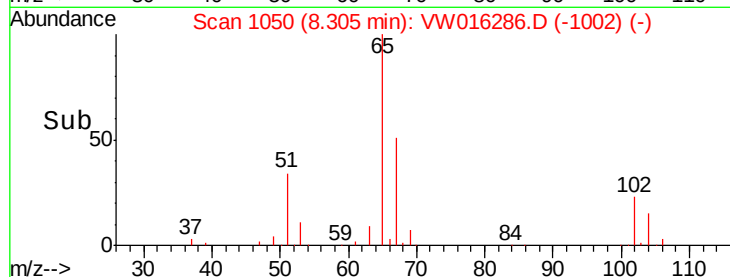
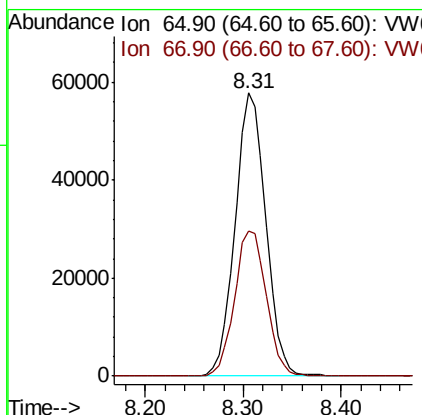
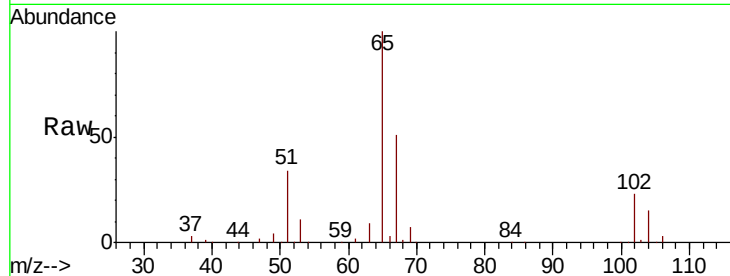




#33
 1,2-Dichloroethane-d4
 Concen: 56.303 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016286.D
 Acq: 21 Aug 2020 02:26

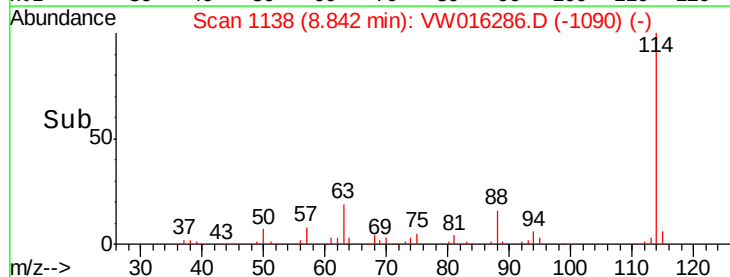
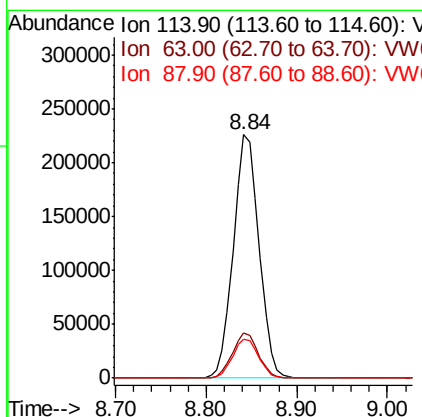
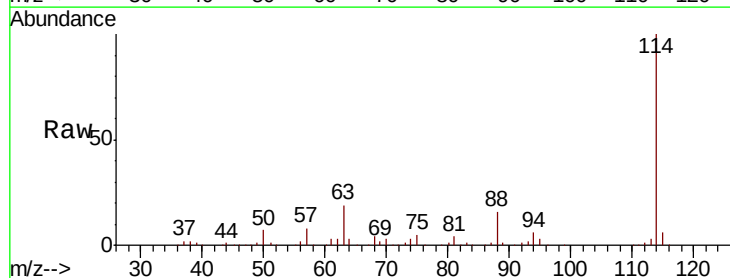
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-D2

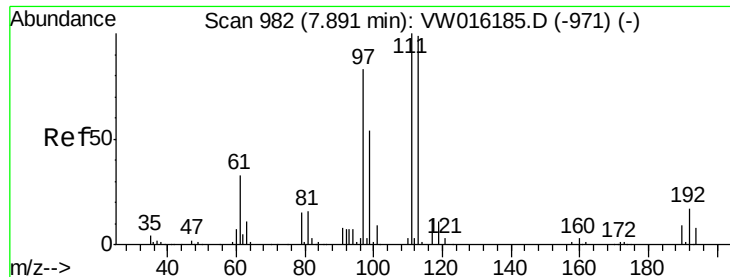
Tot Ion: 65 Resp: 126097
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016286.D
 Acq: 21 Aug 2020 02:26

Tgt Ion: 114 Resp: 443967
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.4
 88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.533 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

Instrument :

MSVOA_W

ClientSampleId :

TP-10-D2

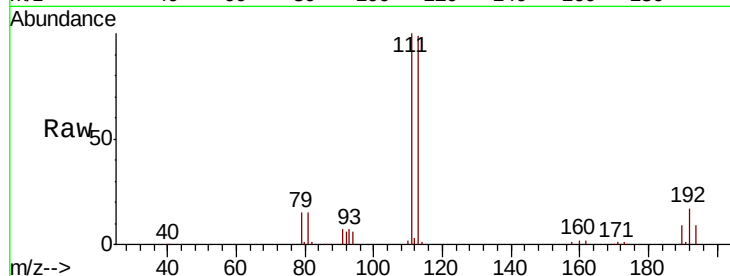
Tot Ion:113 Resp: 135687

Ion Ratio Lower Upper

113 100

111 101.7 83.5 125.3

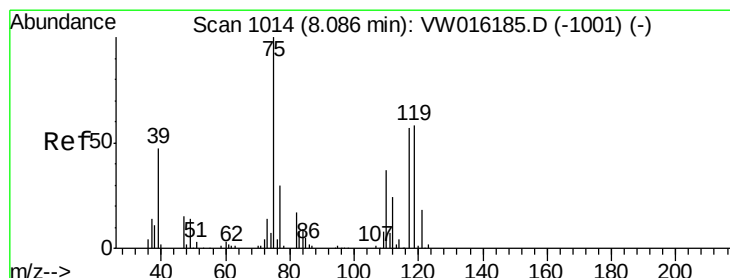
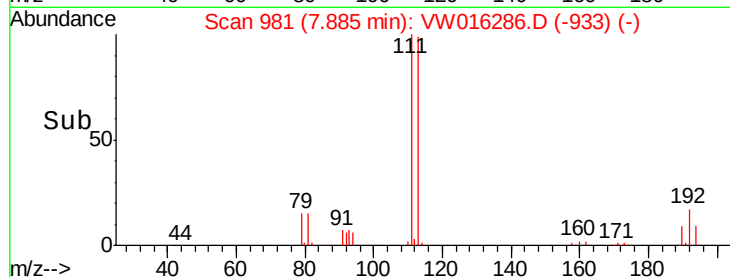
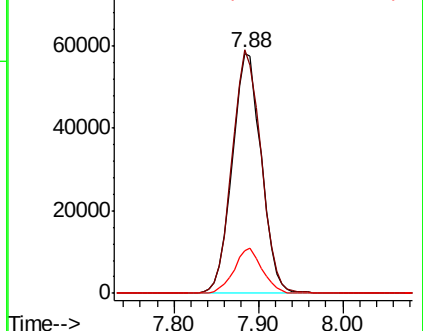
192 18.1 14.3 21.5



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



#36

1,1-Dichloropropene

Concen: 4.167 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

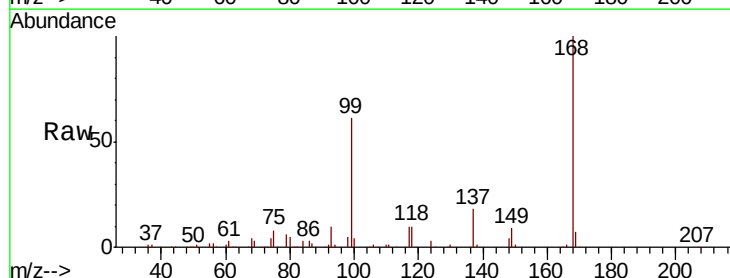
Tgt Ion: 75 Resp: 18227

Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.3#

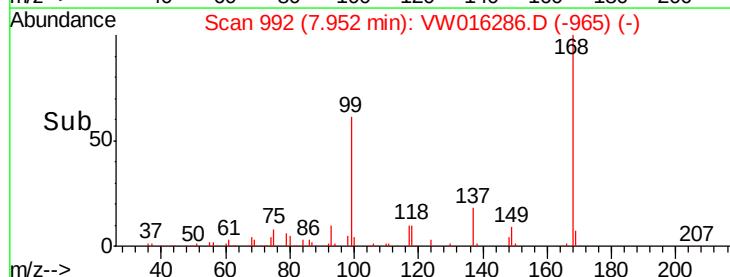
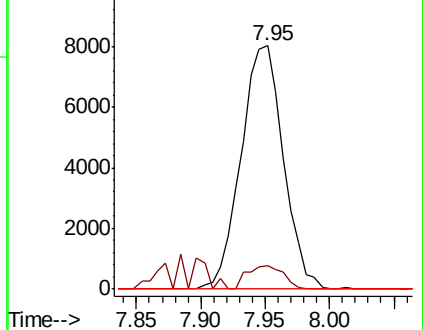
77 0.0 24.7 37.1#

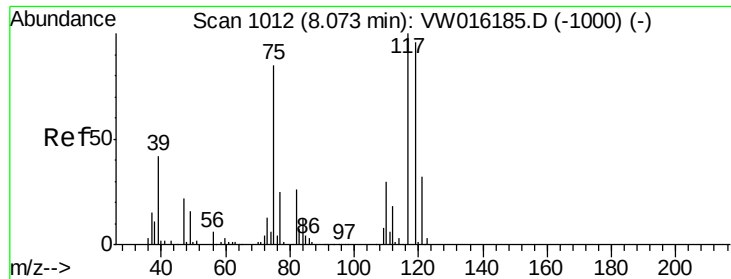


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.542 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

Instrument :

MSVOA_W

ClientSampled :

TP-10-D2

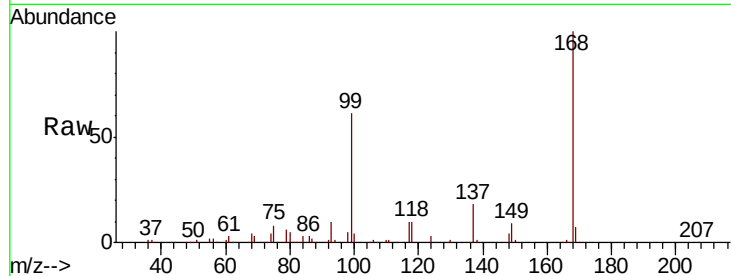
Tot Ion:117 Resp: 24191

Ion Ratio Lower Upper

117 100

119 4.8 76.6 115.0#

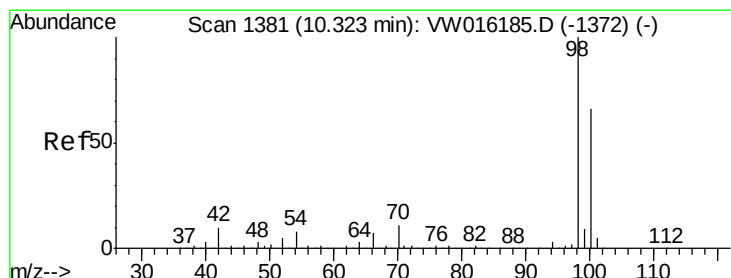
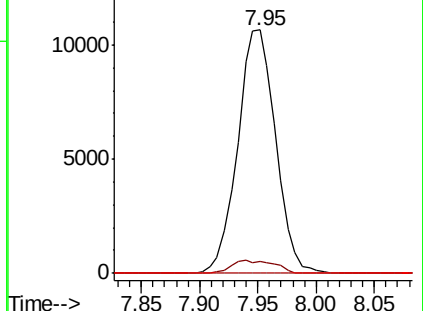
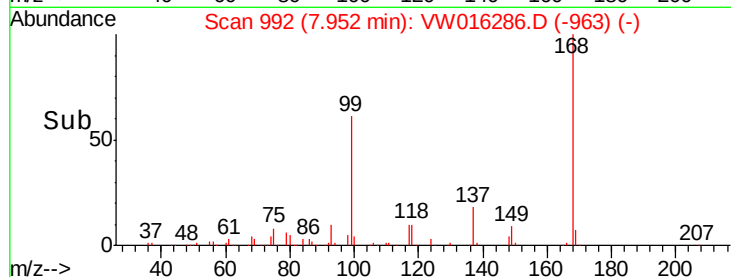
121 0.0 25.4 38.0#



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: 51.469 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016286.D

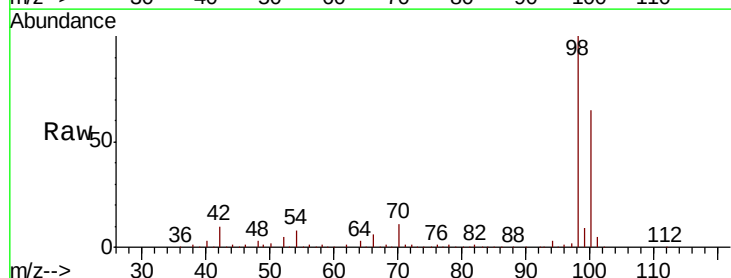
Acq: 21 Aug 2020 02:26

Tgt Ion: 98 Resp: 545753

Ion Ratio Lower Upper

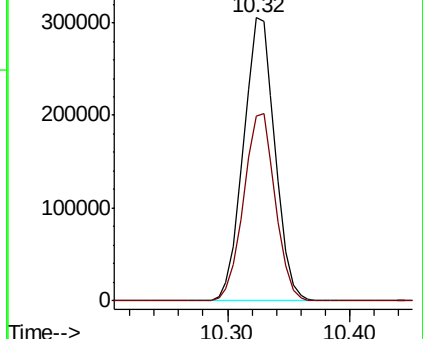
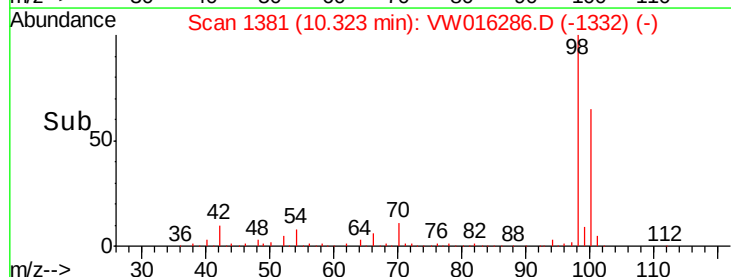
98 100

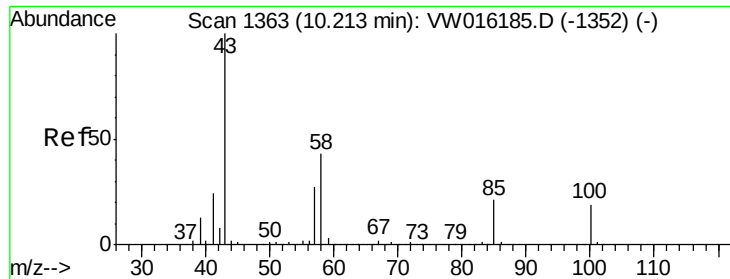
100 66.7 53.5 80.3



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: 1.407 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

Instrument :

MSVOA_W

ClientSampled :

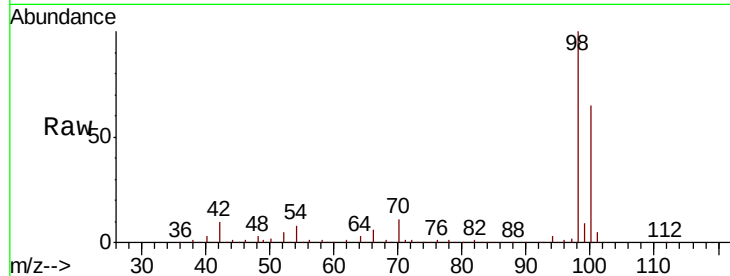
TP-10-D2

Tot Ion: 43 Resp: 2007

Ion Ratio Lower Upper

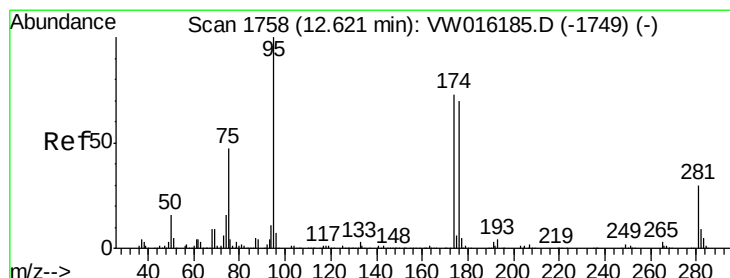
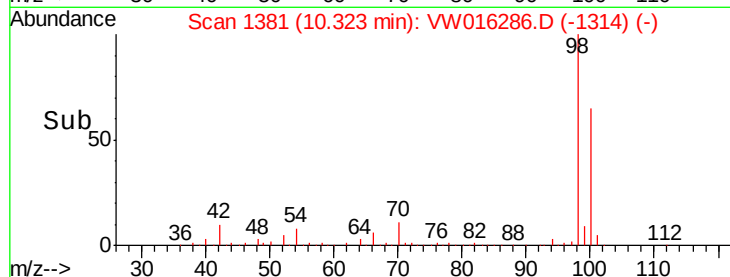
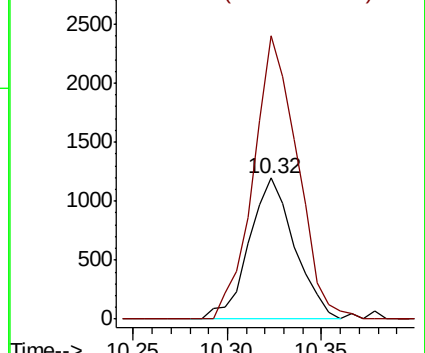
43 100

58 194.6 33.7 50.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 51.446 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

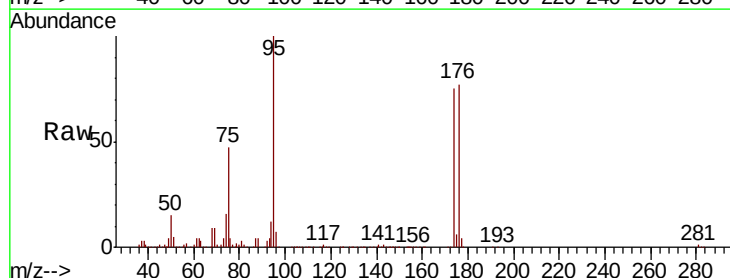
Tgt Ion: 95 Resp: 194993

Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.6

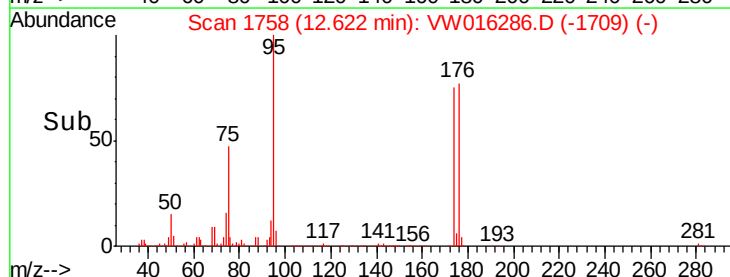
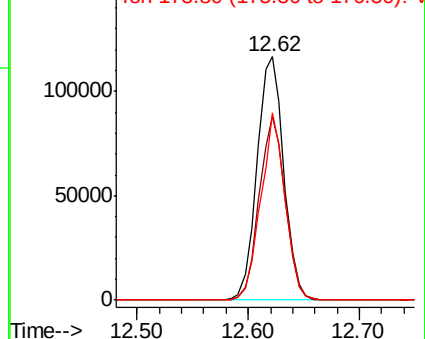
176 70.3 0.0 137.8

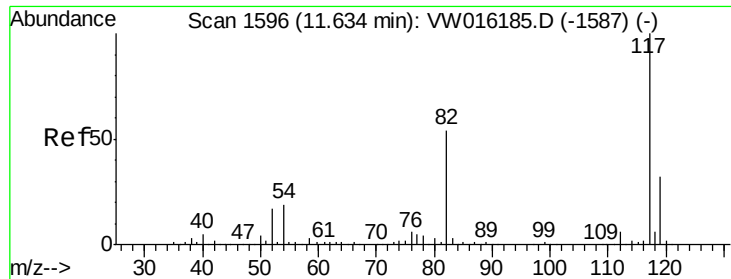


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

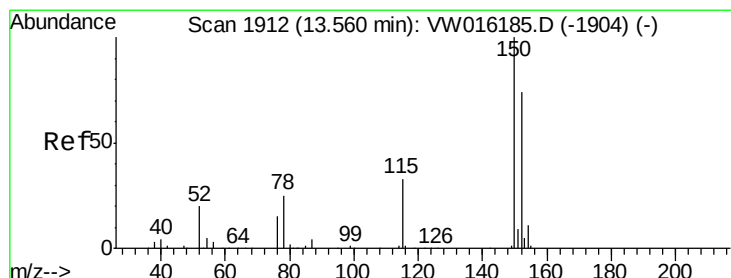
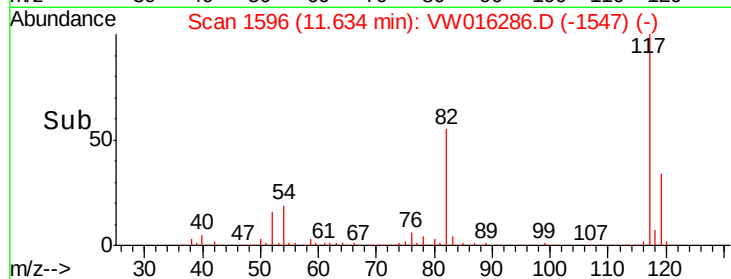
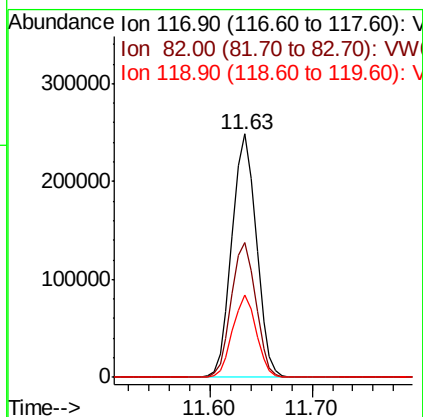
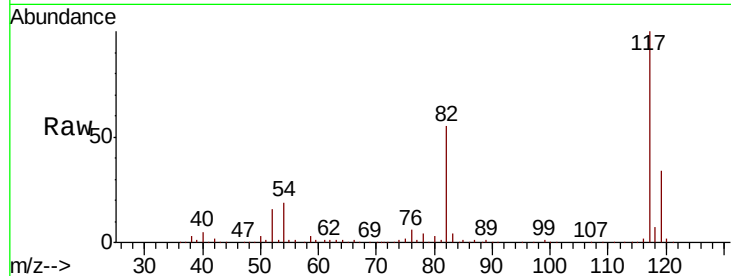




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016286.D
Acq: 21 Aug 2020 02:26

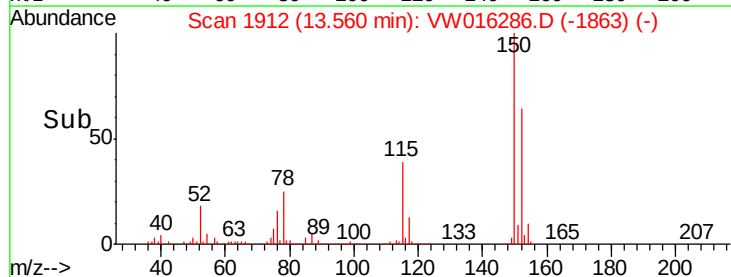
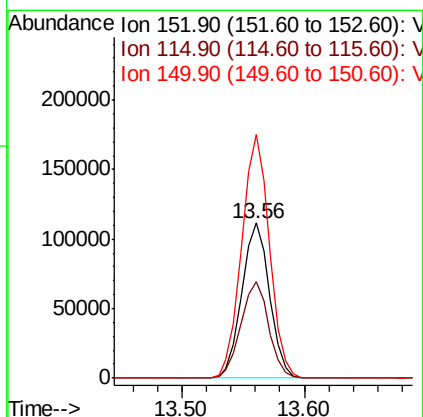
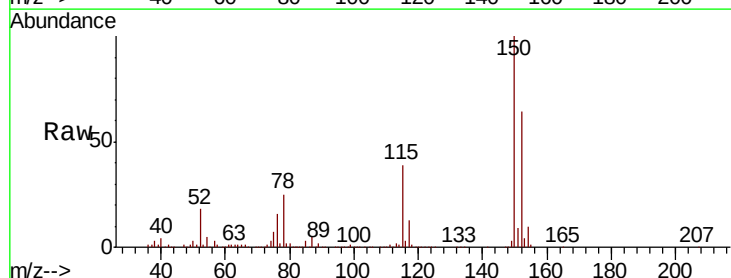
Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

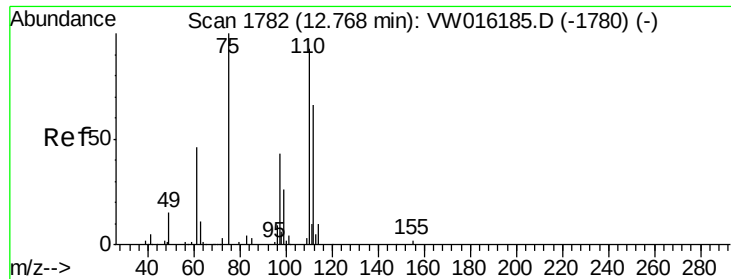
Tot Ion:117 Resp: 413189
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016286.D
Acq: 21 Aug 2020 02:26

Tgt Ion:152 Resp: 175666
Ion Ratio Lower Upper
152 100
115 62.3 30.9 92.5
150 156.7 0.0 337.8





#76

1,2,3-Trichloropropane

Concen: 57.090 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

Instrument :

MSVOA_W

ClientSampled :

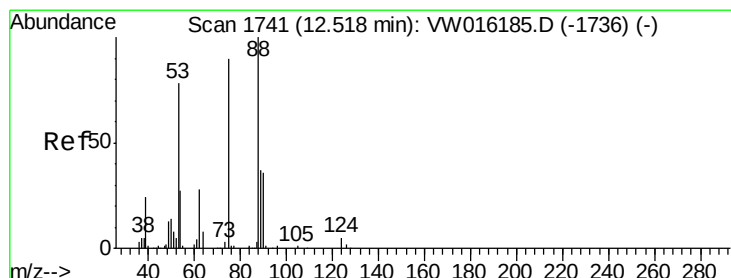
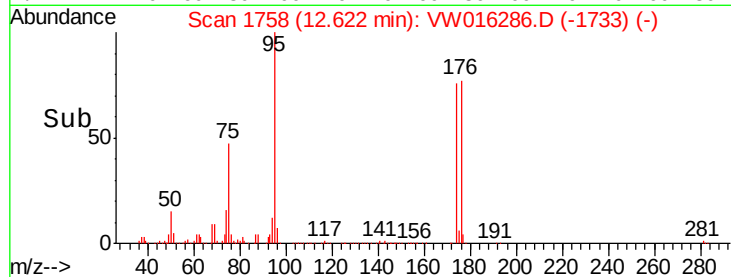
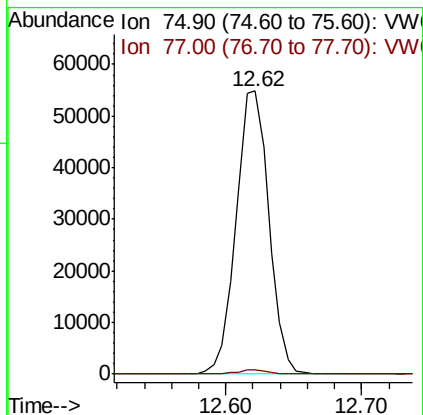
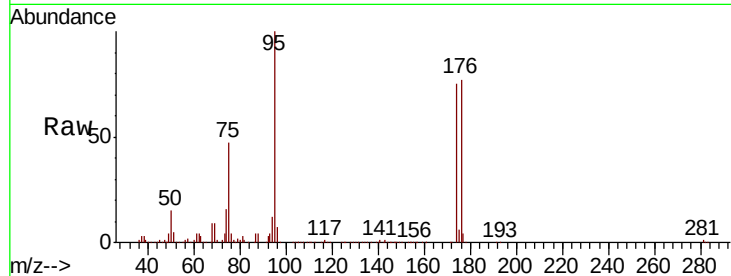
TP-10-D2

Tot Ion: 75 Resp: 92232

Ion Ratio Lower Upper

75 100

77 1.5 173.6 520.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 136.938 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

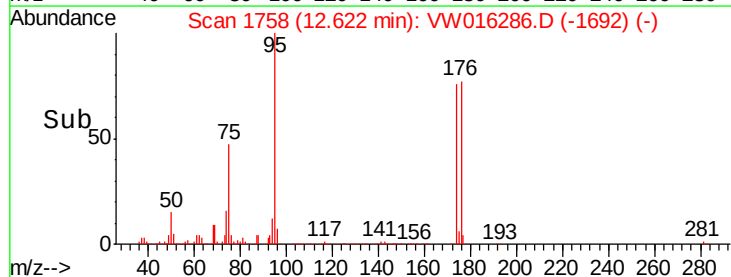
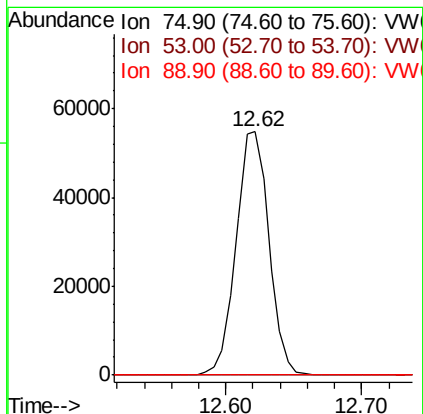
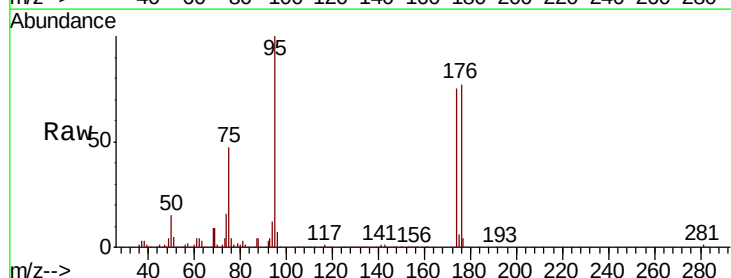
Tgt Ion: 75 Resp: 92232

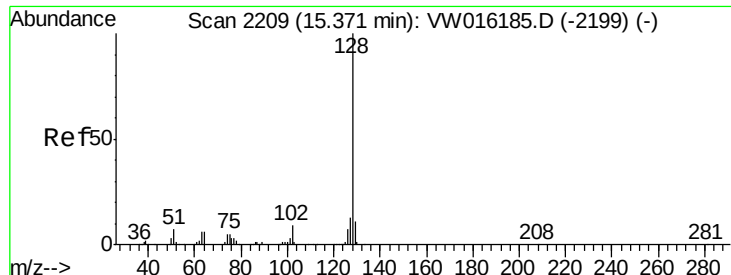
Ion Ratio Lower Upper

75 100

53 0.1 74.6 111.8#

89 0.0 37.2 55.8#

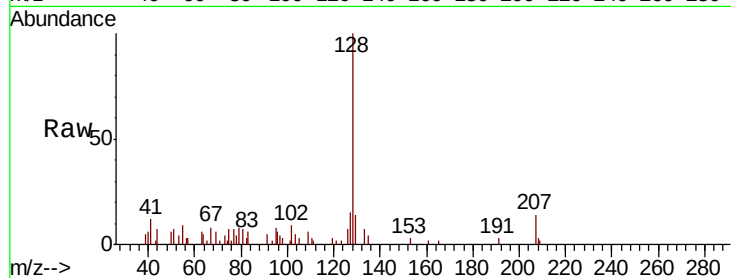




#95
Naphthalene
Concen: 4.464 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016286.D
Acq: 21 Aug 2020 02:26

Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	13.3	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

