

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016283.D
 Acq On : 21 Aug 2020 01:10
 Operator : SY/VA
 Sample : L3507-08
 Misc : 8.21G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-02-081820

Quant Time: Aug 21 04:26:13 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

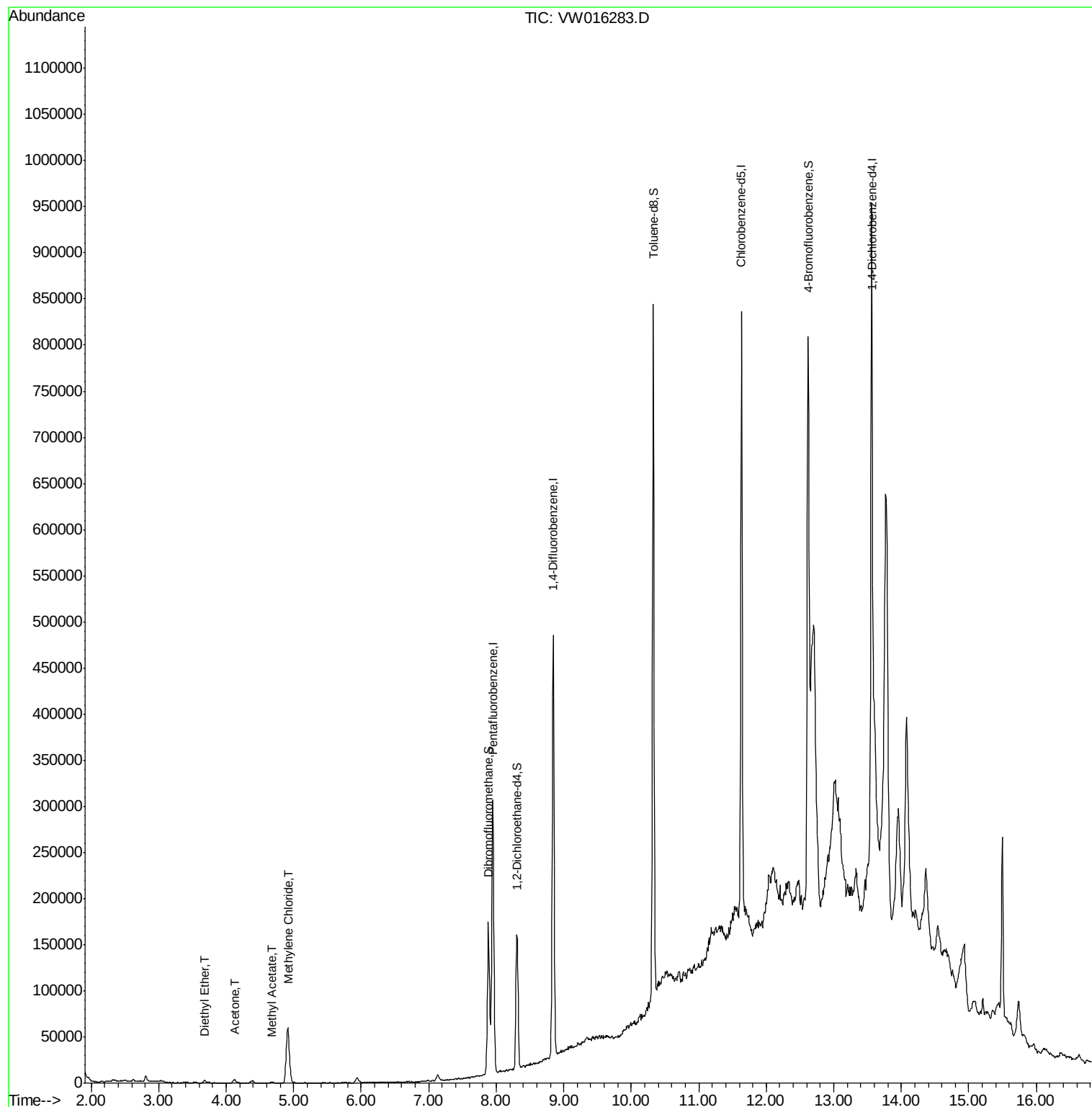
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	406850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117629	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
35) Dibromofluoromethane	7.88	113	121023	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	10.32	98	516034	53.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.22%	
62) 4-Bromofluorobenzene	12.62	95	208087	59.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.82%	
Target Compounds						
8) Diethyl Ether	3.68	74	1657	1.435	ug/l	99
16) Acetone	4.12	43	6868	16.394	ug/l	97
18) Methyl Acetate	4.67	43	2198	2.253	ug/l #	78
20) Methylene Chloride	4.92	84	51813	16.610	ug/l	94

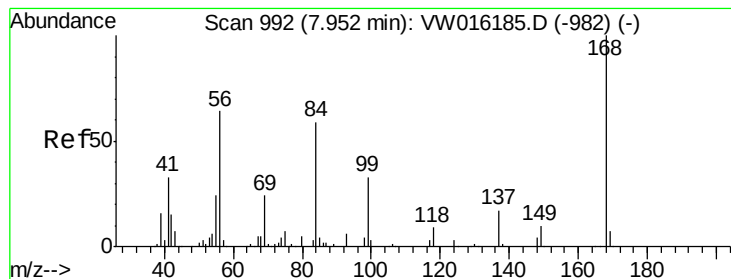
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082120\
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Quant Title : SW846 8260
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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: VW016283.D

Acq: 21 Aug 2020 01:10

Instrument :

MSVOA_W

ClientSampleId :

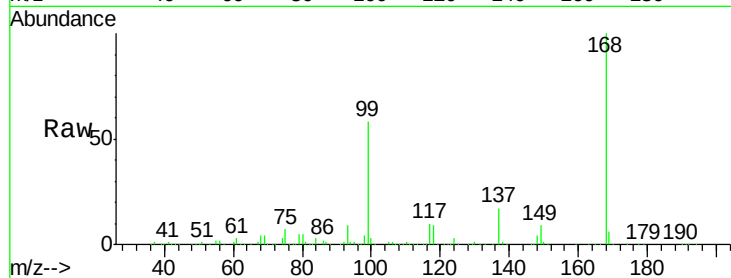
SU-02-081820

Tot Ion:168 Resp: 224250

Ion Ratio Lower Upper

168 100

99 57.7 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

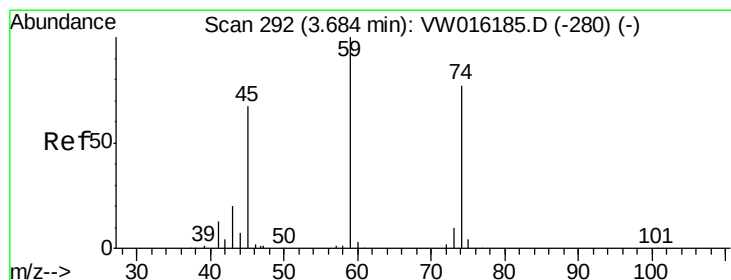
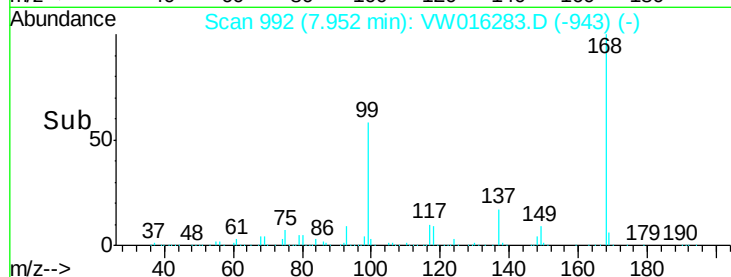
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.435 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW016283.D

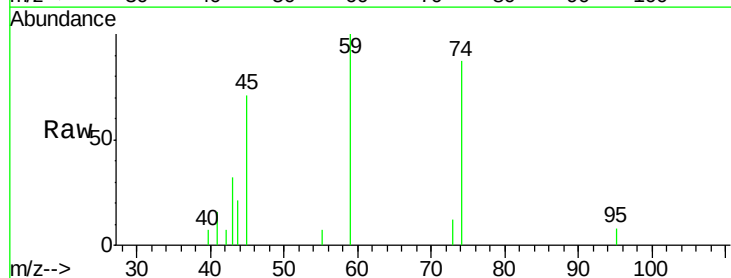
Acq: 21 Aug 2020 01:10

Tgt Ion: 74 Resp: 1657

Ion Ratio Lower Upper

74 100

45 90.7 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

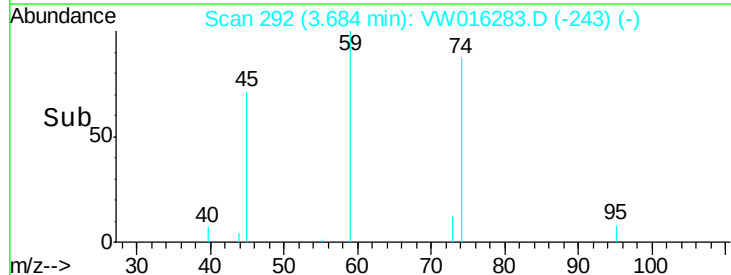
600

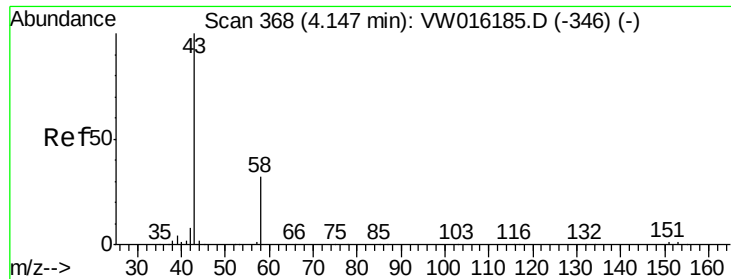
400

200

0

Time-->





#16

Acetone

Concen: 16.394 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016283.D

Acq: 21 Aug 2020 01:10

Instrument :

MSVOA_W

ClientSampleId :

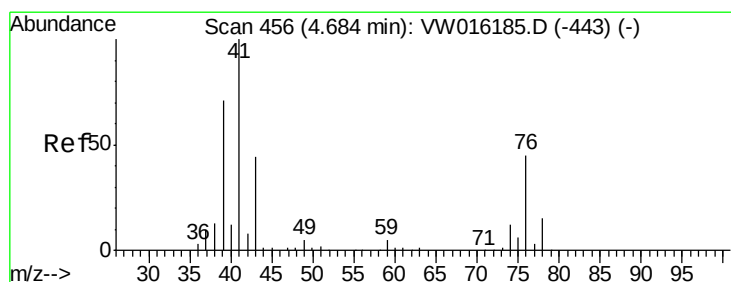
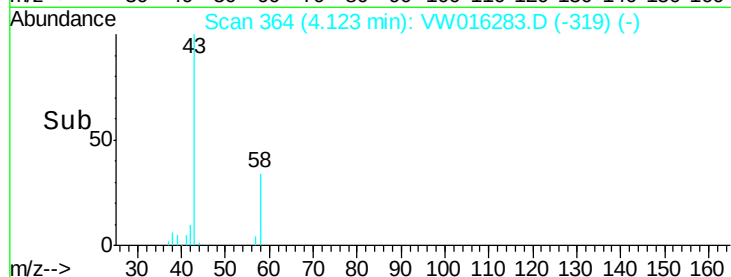
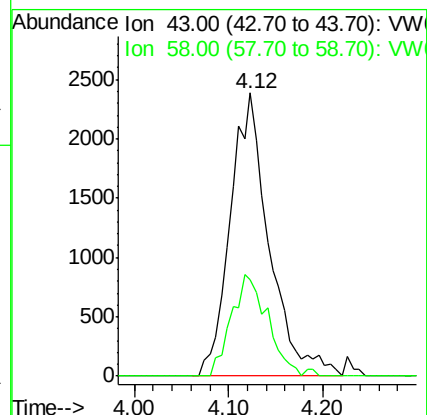
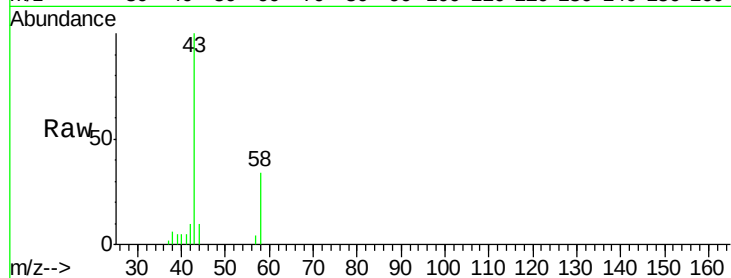
SU-02-081820

Tot Ion: 43 Resp: 6868

Ion Ratio Lower Upper

43 100

58 34.1 25.8 38.6



#18

Methyl Acetate

Concen: 2.253 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.02 min

Lab File: VW016283.D

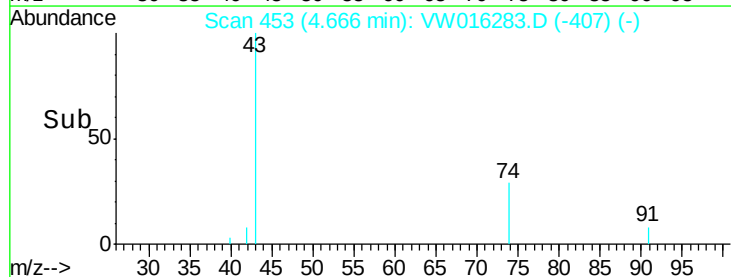
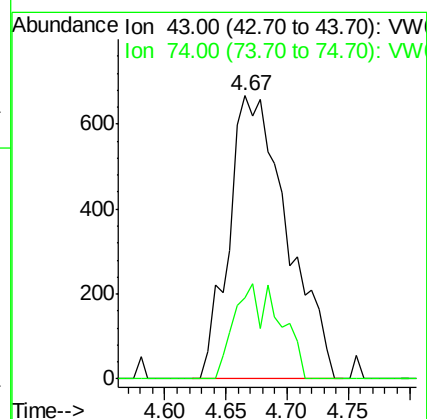
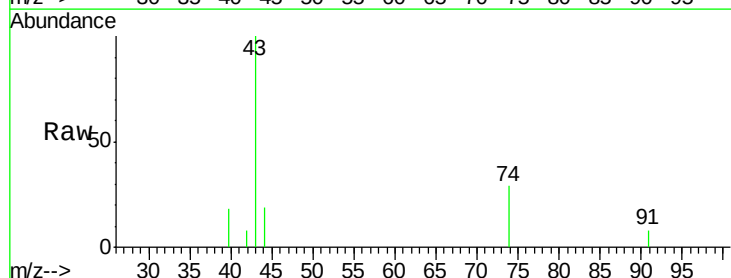
Acq: 21 Aug 2020 01:10

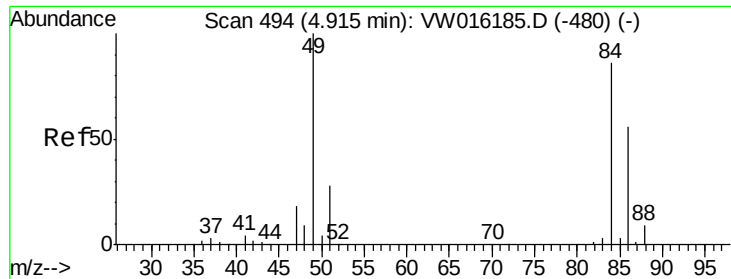
Tgt Ion: 43 Resp: 2198

Ion Ratio Lower Upper

43 100

74 14.5 20.6 31.0#

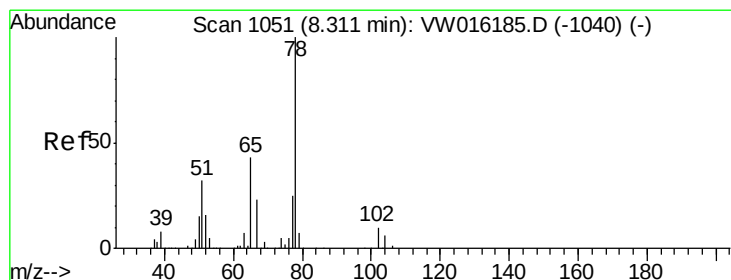
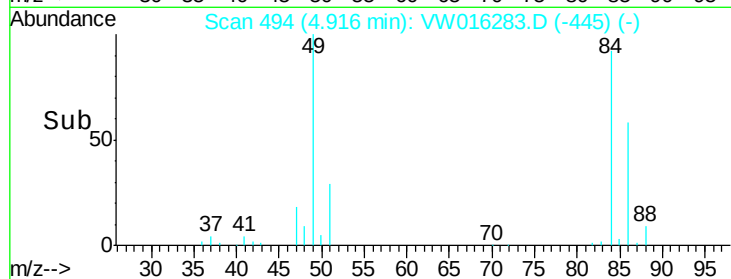
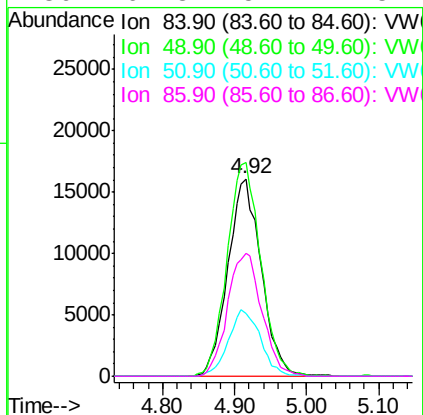
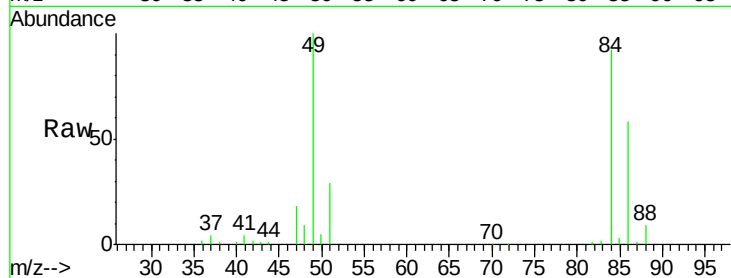




#20
Methylene Chloride
Concen: 16.610 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW016283.D
Acq: 21 Aug 2020 01:10

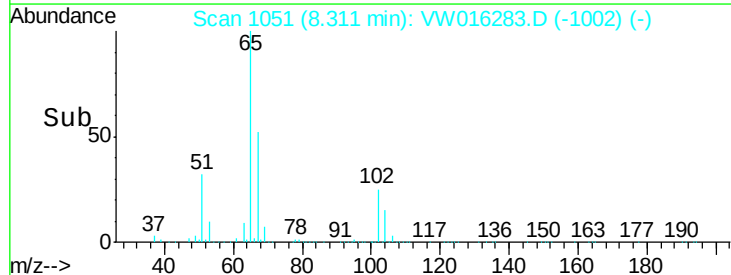
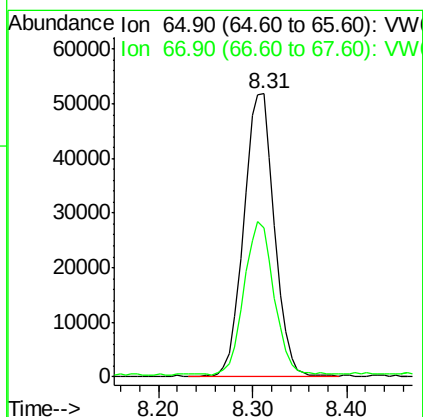
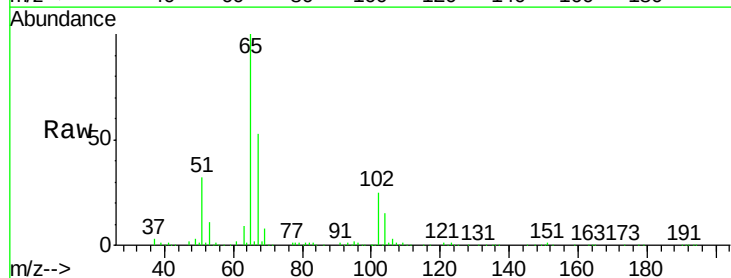
Instrument :
MSVOA_W
ClientSampled :
SU-02-081820

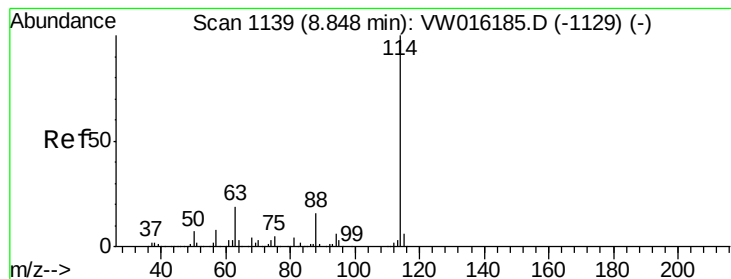
Tot Ion: 84 Resp: 51813
Ion Ratio Lower Upper
84 100
49 108.3 93.4 140.2
51 31.7 26.6 40.0
86 62.3 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 53.788 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW016283.D
Acq: 21 Aug 2020 01:10

Tgt Ion: 65 Resp: 117629
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: VW016283.D

Acq: 21 Aug 2020 01:10

Instrument :

MSVOA_W

ClientSampleId :

SU-02-081820

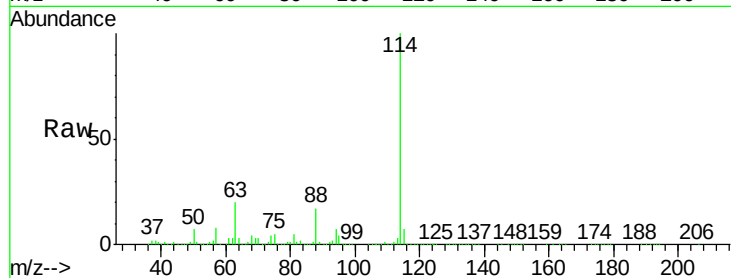
Tot Ion:114 Resp: 406850

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

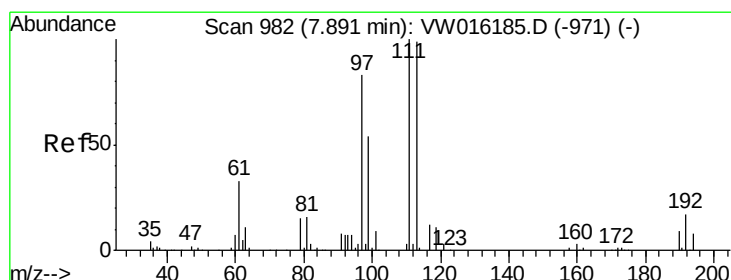
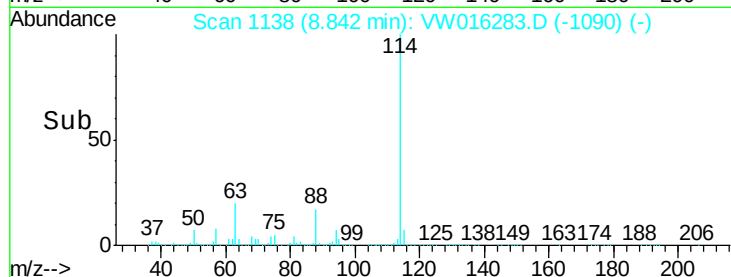
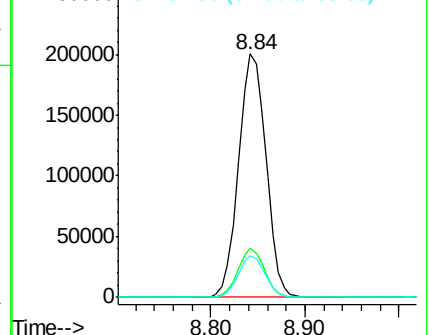
88 17.1 0.0 32.8



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: 48.211 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016283.D

Acq: 21 Aug 2020 01:10

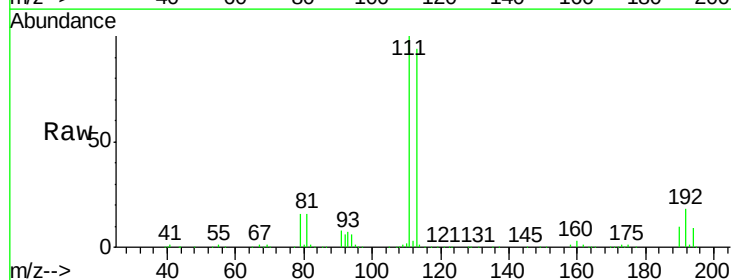
Tgt Ion:113 Resp: 121023

Ion Ratio Lower Upper

113 100

111 104.5 83.5 125.3

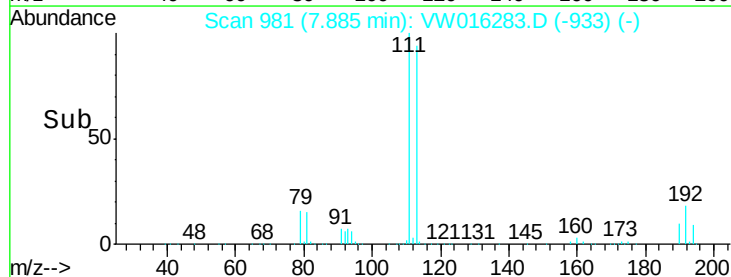
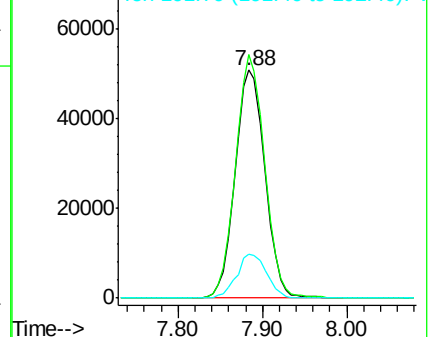
192 19.4 14.3 21.5

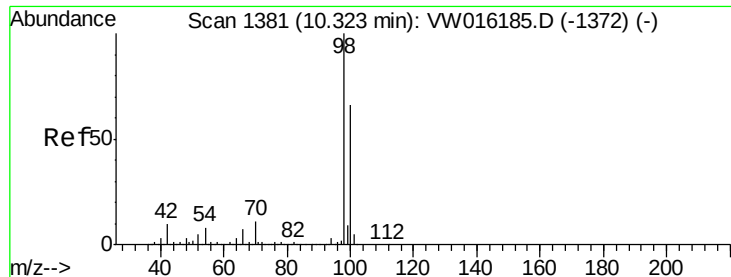


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.107 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016283.D

Acq: 21 Aug 2020 01:10

Instrument :

MSVOA_W

ClientSampleId :

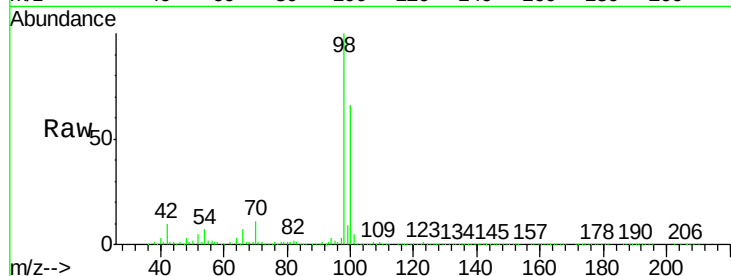
SU-02-081820

Tot Ion: 98 Resp: 516034

Ion Ratio Lower Upper

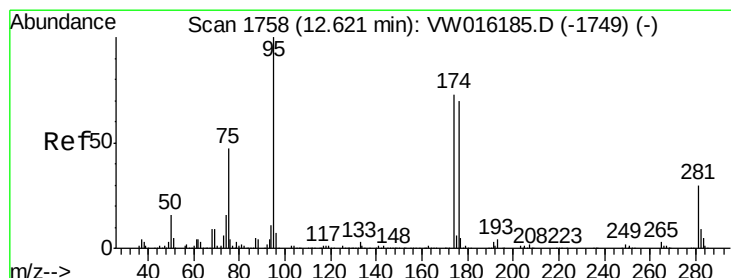
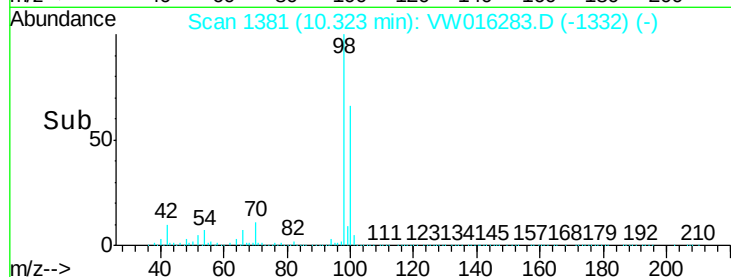
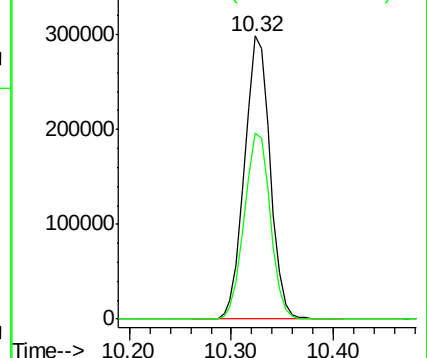
98 100

100 67.2 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: 59.909 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016283.D

Acq: 21 Aug 2020 01:10

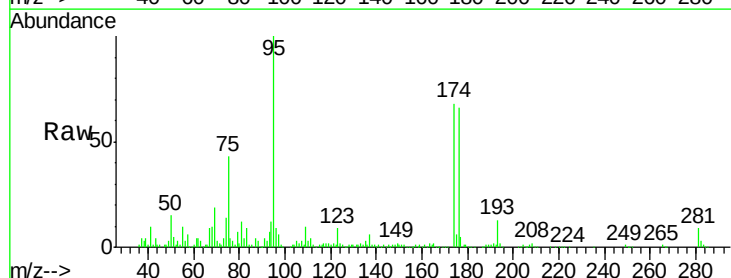
Tgt Ion: 95 Resp: 208087

Ion Ratio Lower Upper

95 100

174 64.1 0.0 145.6

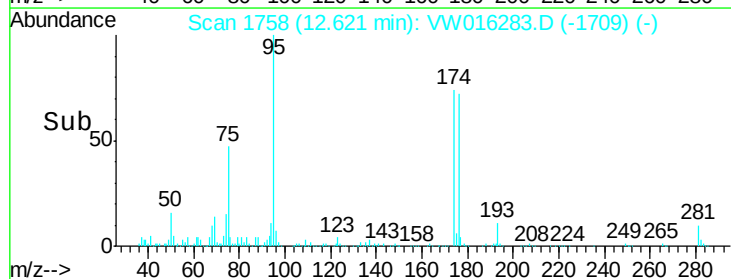
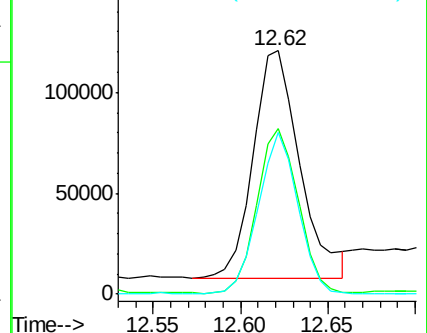
176 60.6 0.0 137.8

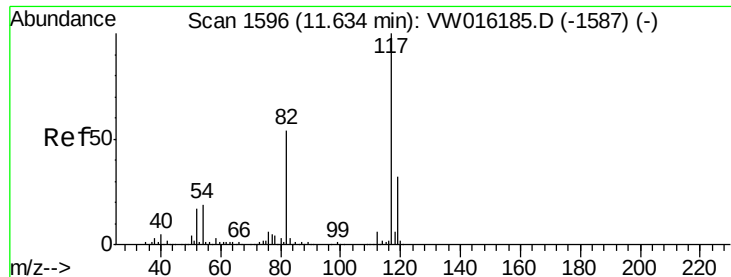


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

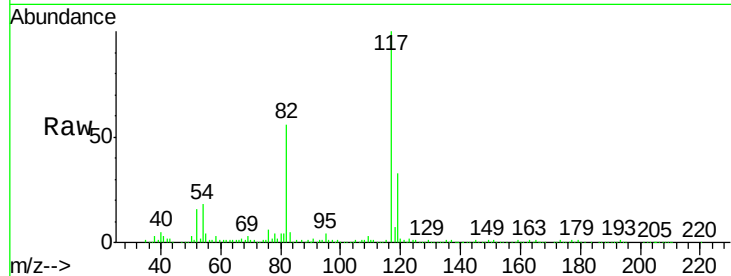




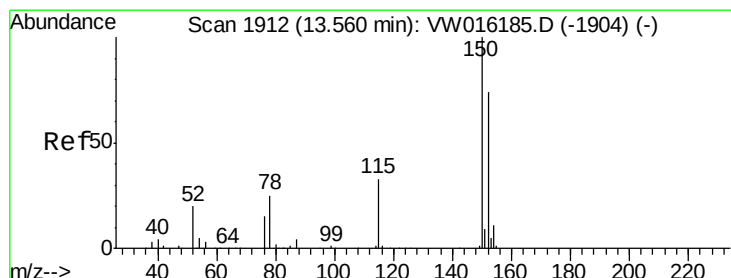
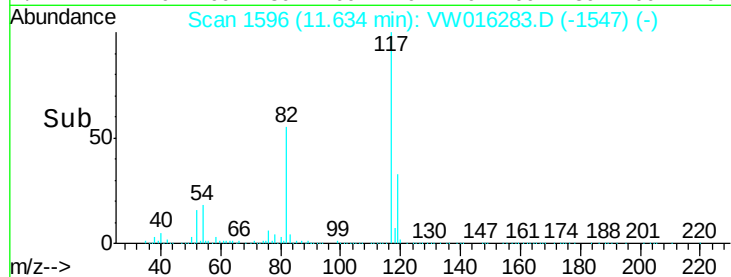
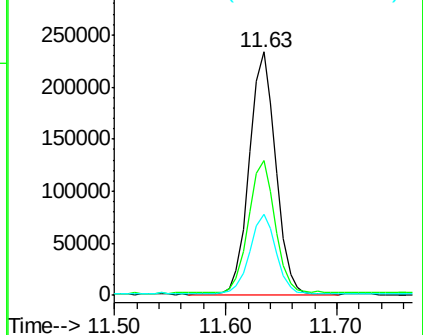
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016283.D
Acq: 21 Aug 2020 01:10

Instrument :
MSVOA_W
ClientSampleId :
SU-02-081820

Tot Ion:117 Resp: 385006
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 32.4 25.4 38.0

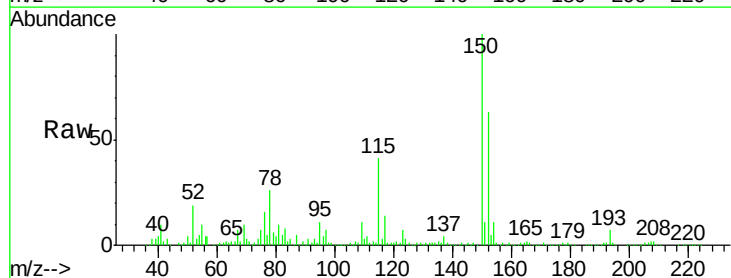


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016283.D
Acq: 21 Aug 2020 01:10

Tgt Ion:152 Resp: 174740
Ion Ratio Lower Upper
152 100
115 57.8 30.9 92.5
150 145.3 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

