

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015264.D
 Acq On : 21 Apr 2020 15:57
 Operator : SY/VA
 Sample : L2323-08
 Misc : 7.02G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-19

Quant Time: Apr 22 07:07:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

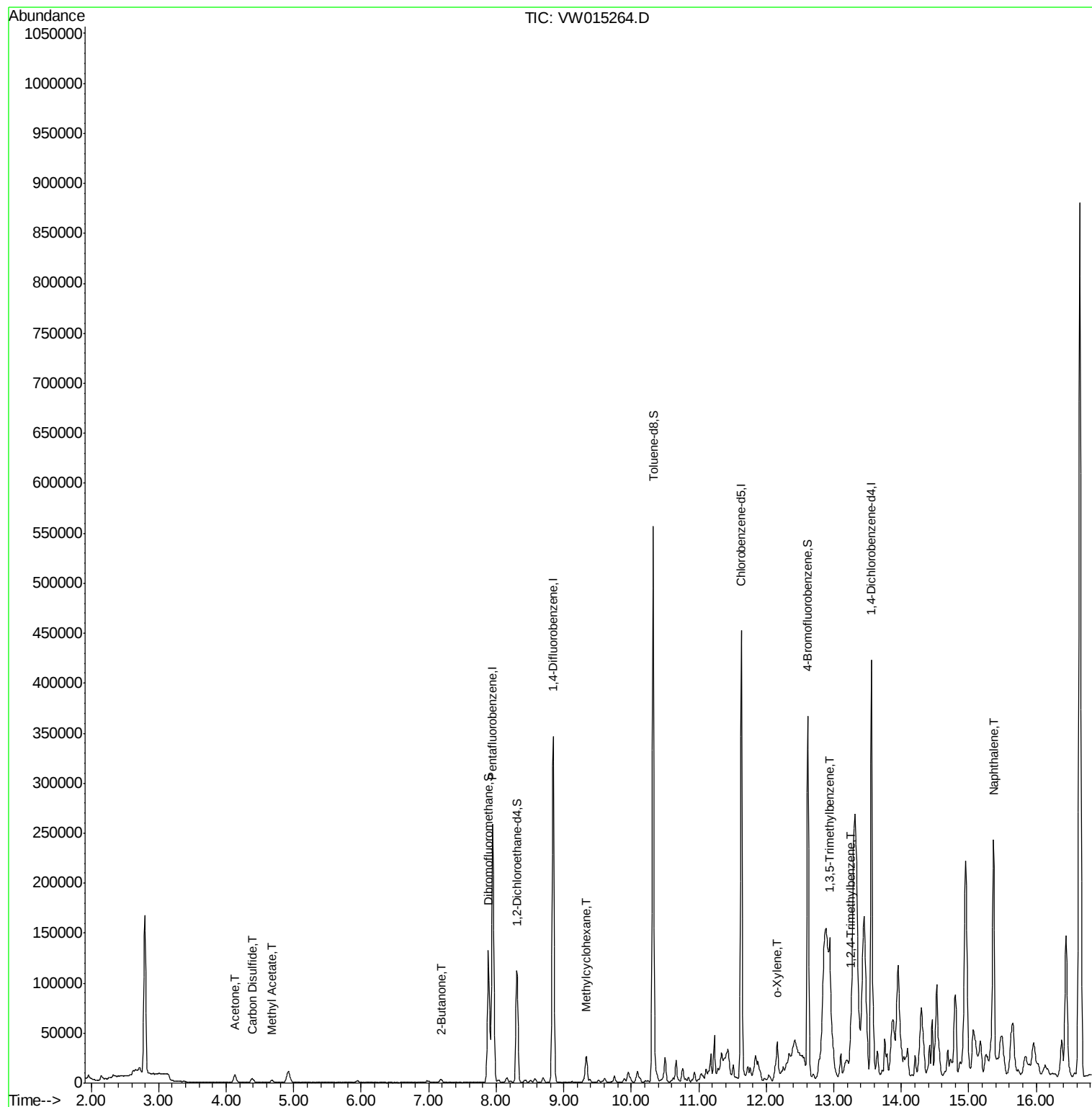
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	210129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	89380	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	7.88	113	91621	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
50) Toluene-d8	10.32	98	357082	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.62	95	114282	40.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.86%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	13829	46.077	ug/l	98
17) Carbon Disulfide	4.39	76	7347	1.379	ug/l	99
18) Methyl Acetate	4.68	43	4011	5.049	ug/l	96
25) 2-Butanone	7.18	43	4582	11.507	ug/l	94
39) Methylcyclohexane	9.34	83	11655	3.089	ug/l	93
69) o-Xylene	12.16	106	9445	2.672	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	22435	3.255	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	10417	1.532	ug/l	98
95) Naphthalene	15.36	128	199717	56.280	ug/l	100

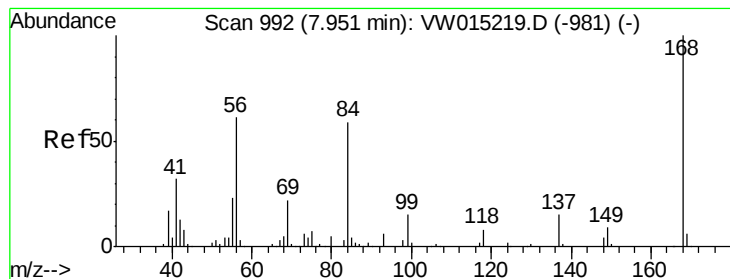
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
Data File : VW015264.D
Acq On : 21 Apr 2020 15:57
Operator : SY/VA
Sample : L2323-08
Misc : 7.02G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
TP-19

Quant Time: Apr 22 07:07:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 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: VW015264.D

Acq: 21 Apr 2020 15:57

Instrument :

MSVOA_W

ClientSampled :

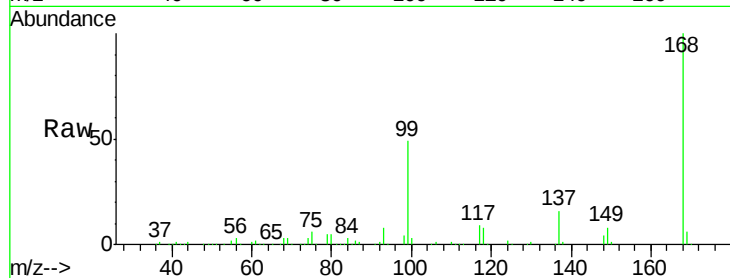
TP-19

Tot Ion:168 Resp: 210129

Ion Ratio Lower Upper

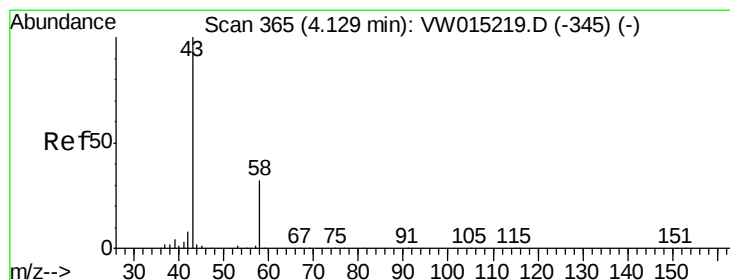
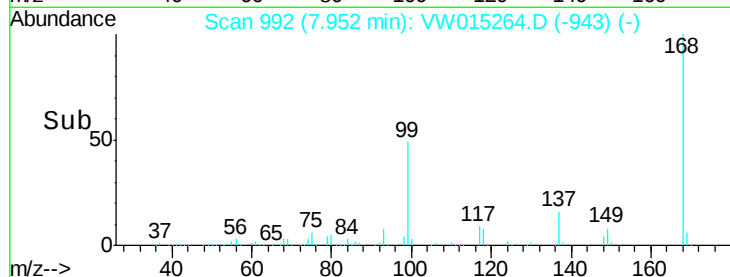
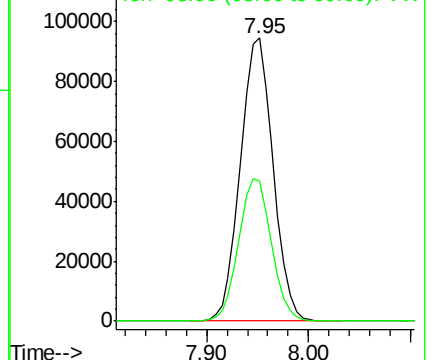
168 100

99 49.3 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 46.077 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015264.D

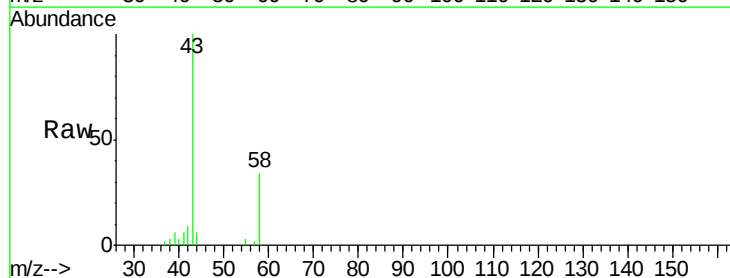
Acq: 21 Apr 2020 15:57

Tgt Ion: 43 Resp: 13829

Ion Ratio Lower Upper

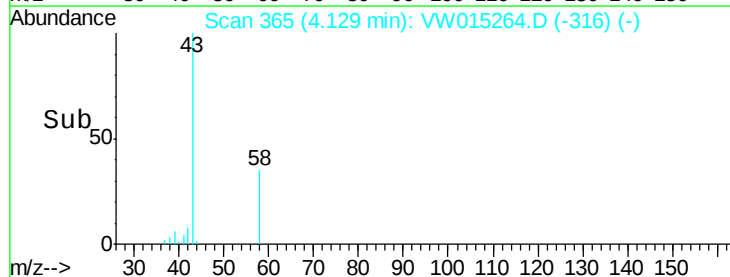
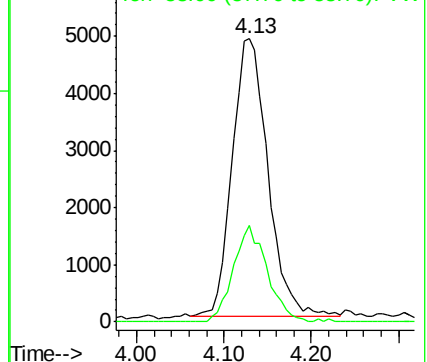
43 100

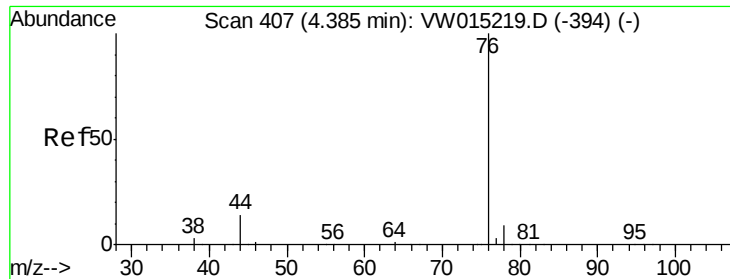
58 34.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

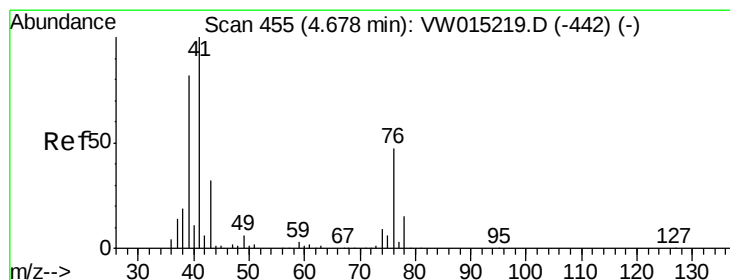
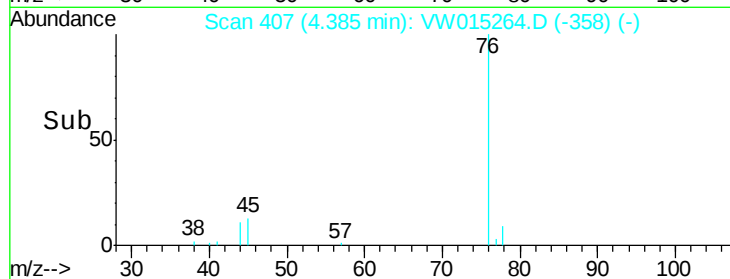
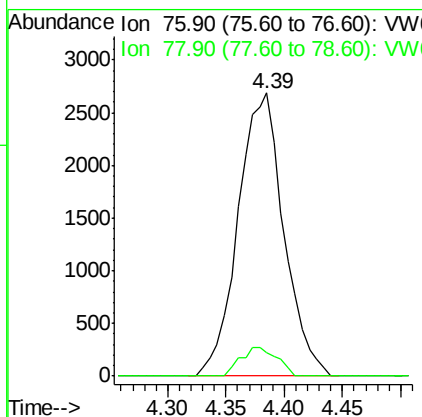
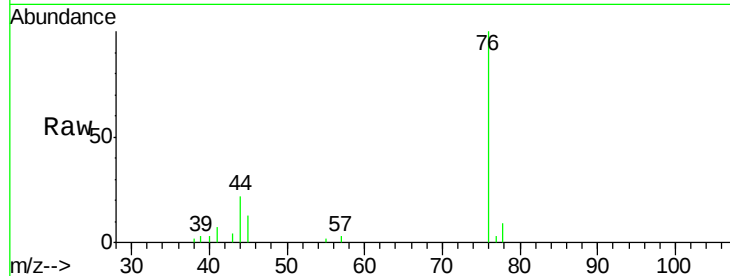




#17
Carbon Disulfide
Concen: 1.379 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015264.D
Acq: 21 Apr 2020 15:57

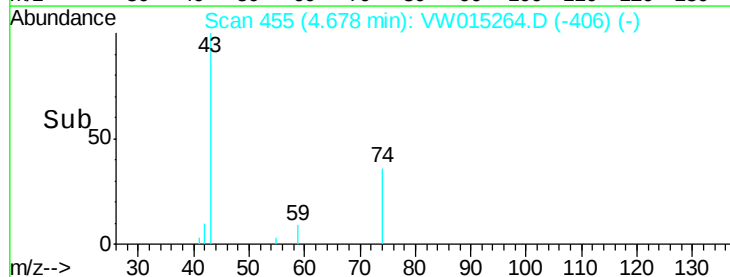
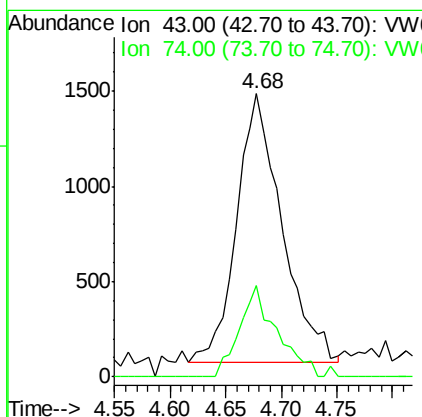
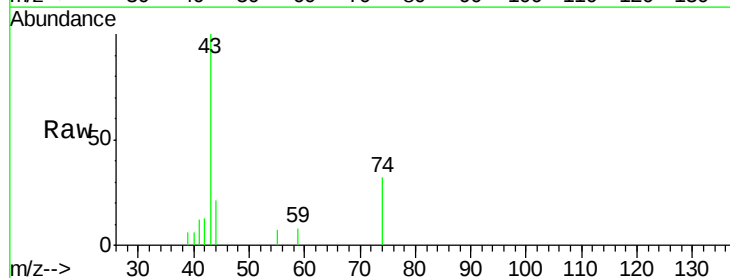
Instrument :
MSVOA_W
ClientSampled :
TP-19

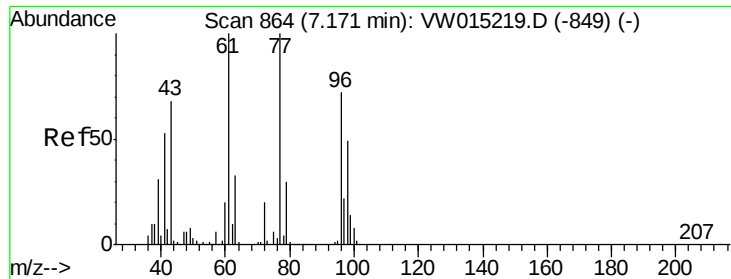
Tot Ion: 76 Resp: 7347
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 5.049 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015264.D
Acq: 21 Apr 2020 15:57

Tgt Ion: 43 Resp: 4011
Ion Ratio Lower Upper
43 100
74 27.8 20.6 31.0





#25

2-Butanone

Concen: 11.507 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015264.D

Acq: 21 Apr 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :

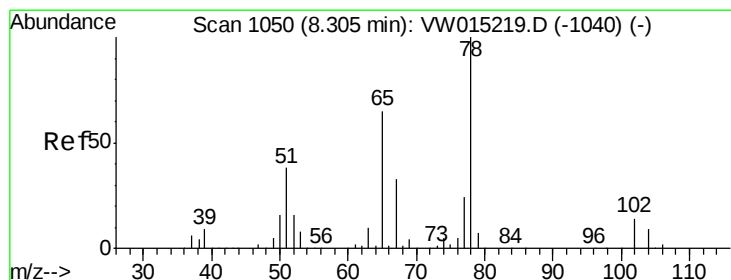
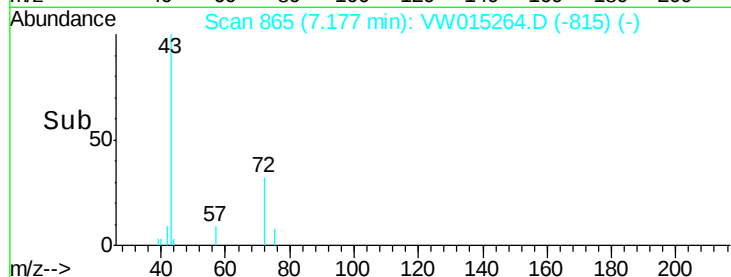
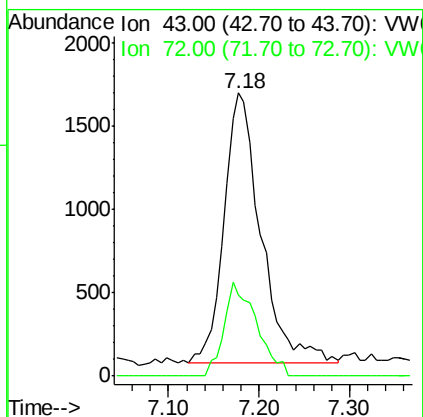
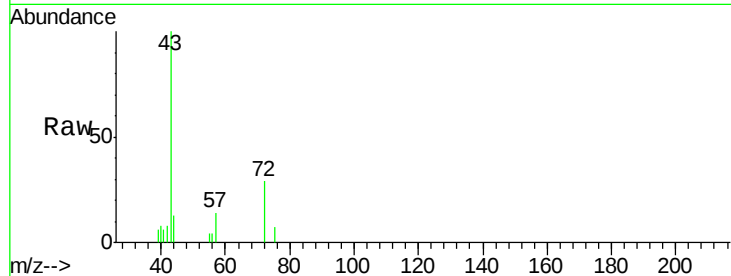
TP-19

Tot Ion: 43 Resp: 4582

Ion Ratio Lower Upper

43 100

72 29.9 21.6 32.4



#33

1,2-Dichloroethane-d4

Concen: 52.016 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015264.D

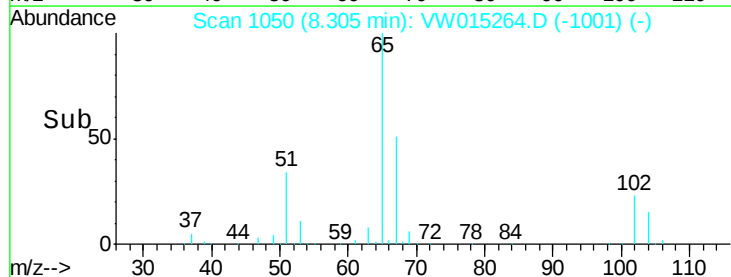
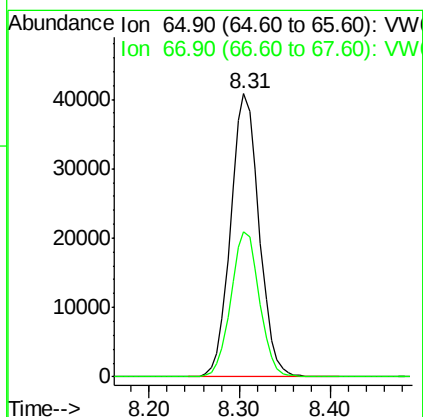
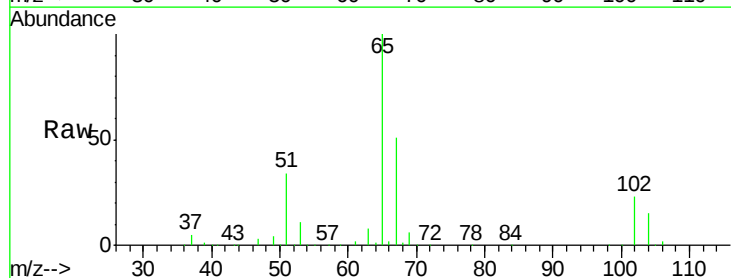
Acq: 21 Apr 2020 15:57

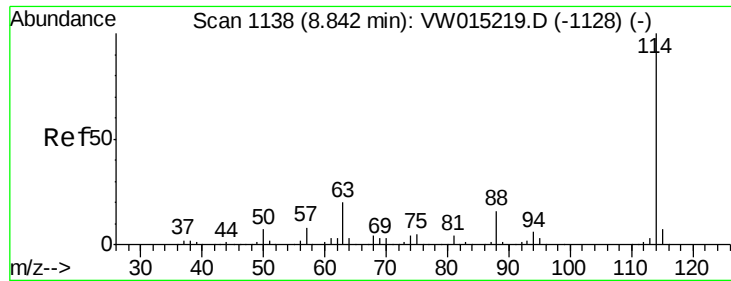
Tgt Ion: 65 Resp: 89380

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.0

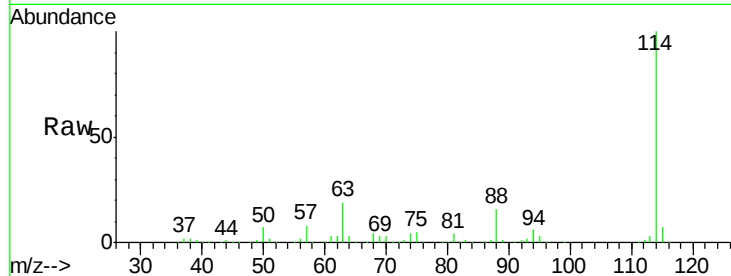




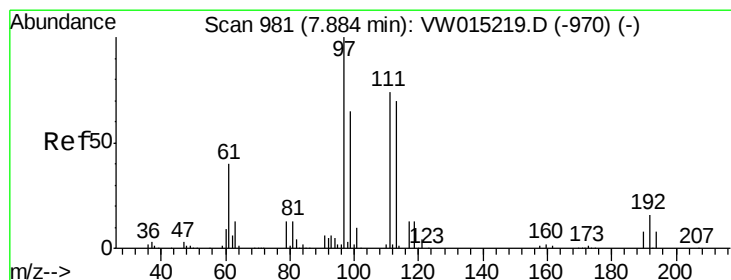
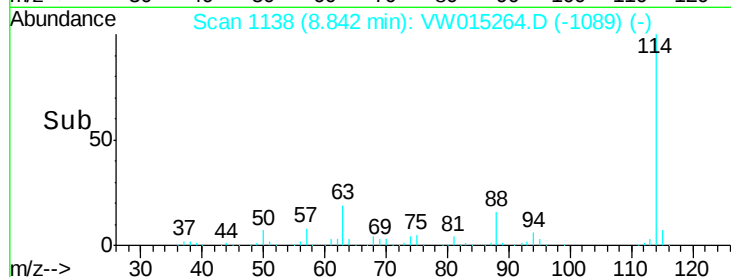
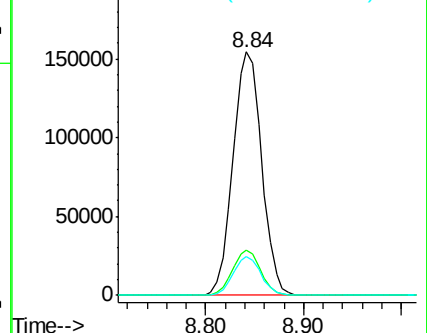
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW015264.D
Acq: 21 Apr 2020 15:57

Instrument :
MSVOA_W
ClientSampleId :
TP-19

Tot Ion:114 Resp: 314041
Ion Ratio Lower Upper
114 100
63 18.7 0.0 39.8
88 16.0 0.0 30.2

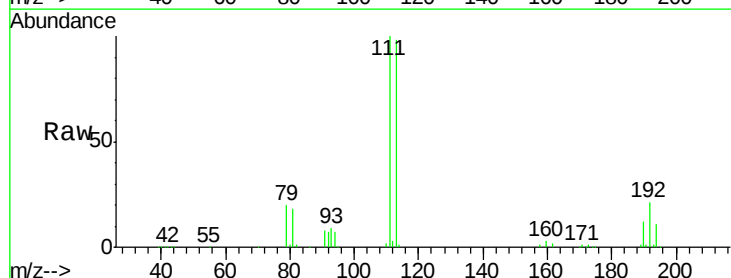


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

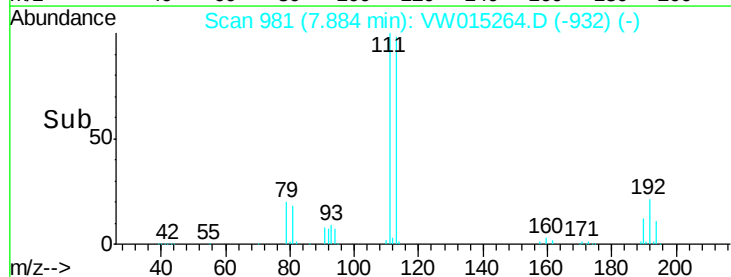
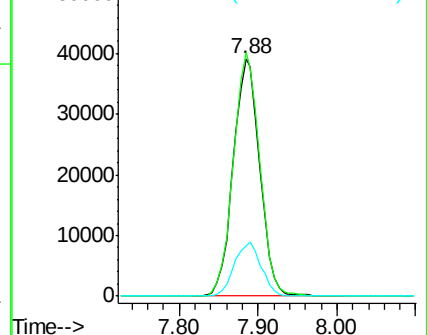


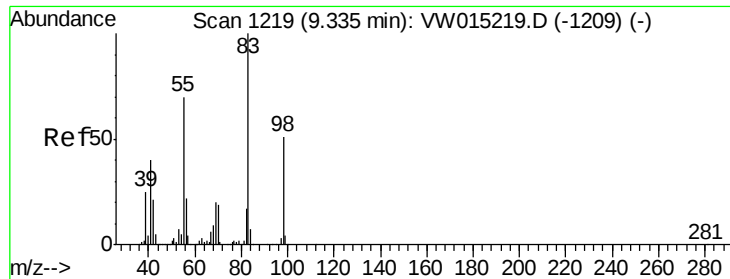
#35
Dibromofluoromethane
Concen: 52.670 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015264.D
Acq: 21 Apr 2020 15:57

Tgt Ion:113 Resp: 91621
Ion Ratio Lower Upper
113 100
111 101.9 83.0 124.4
192 22.9 15.1 22.7#



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





#39

Methylcyclohexane

Concen: 3.089 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW015264.D

Acq: 21 Apr 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :

TP-19

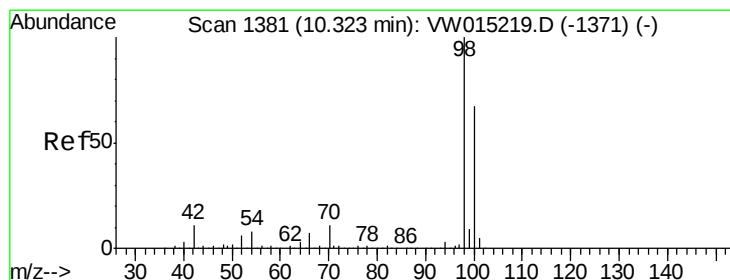
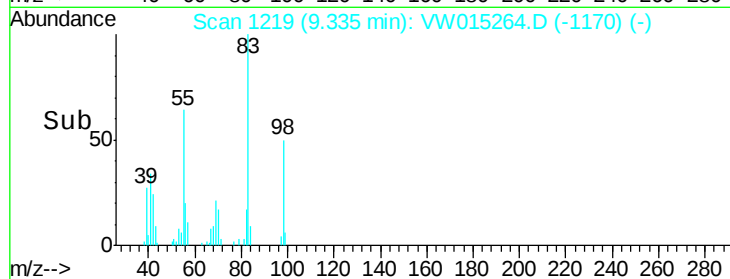
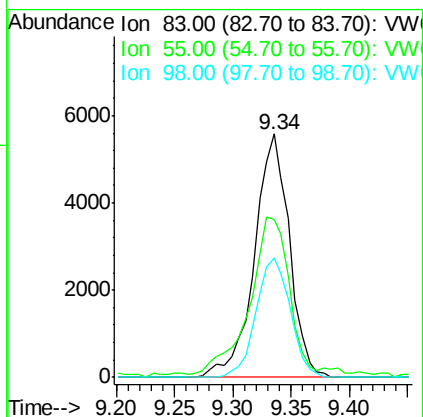
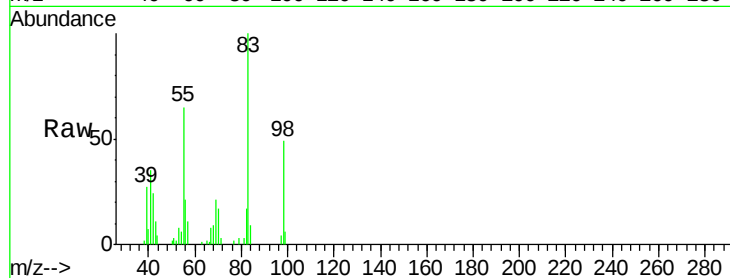
Tot Ion: 83 Resp: 11655

Ion Ratio Lower Upper

83 100

55 63.6 58.1 87.1

98 49.2 40.2 60.4



#50

Toluene-d8

Concen: 48.797 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015264.D

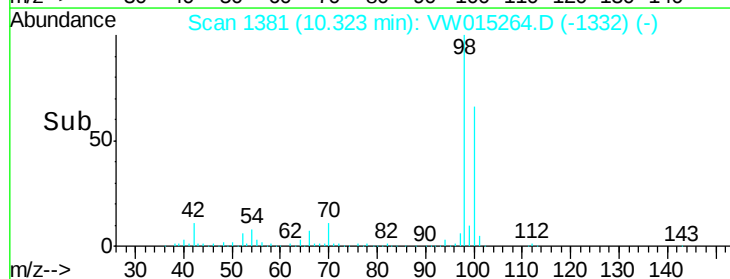
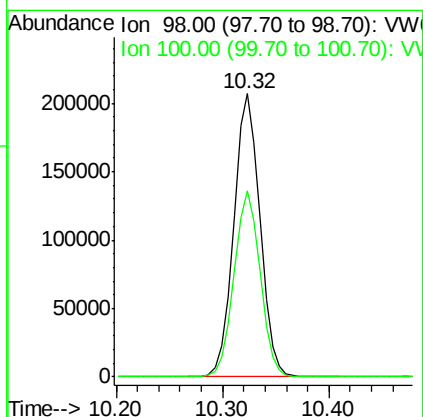
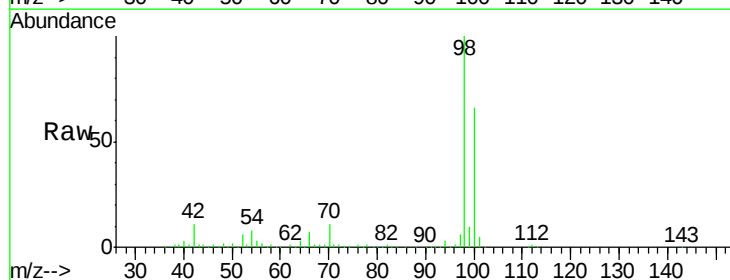
Acq: 21 Apr 2020 15:57

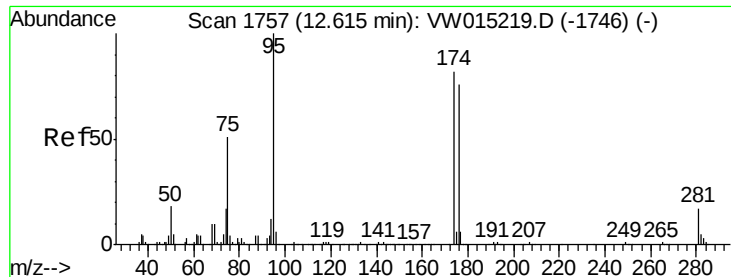
Tgt Ion: 98 Resp: 357082

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 40.931 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015264.D

Acq: 21 Apr 2020 15:57

Instrument :

MSVOA_W

ClientSampleId :

TP-19

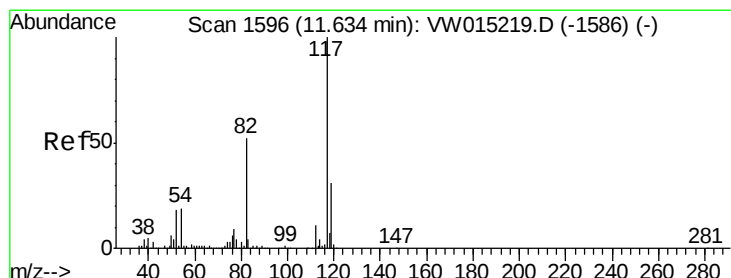
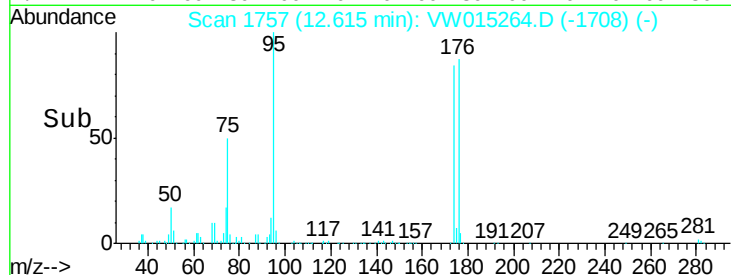
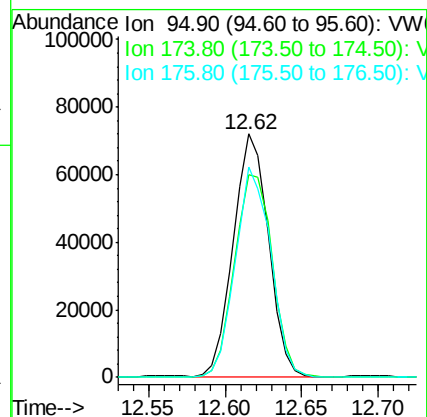
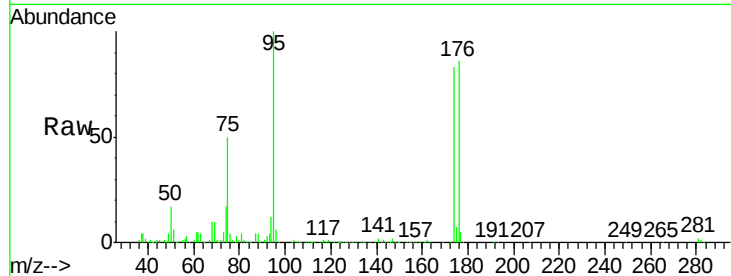
Tot Ion: 95 Resp: 114282

Ion Ratio Lower Upper

95 100

174 90.2 0.0 144.4

176 87.8 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015264.D

Acq: 21 Apr 2020 15:57

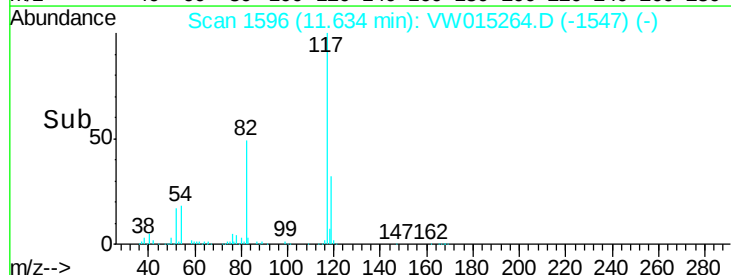
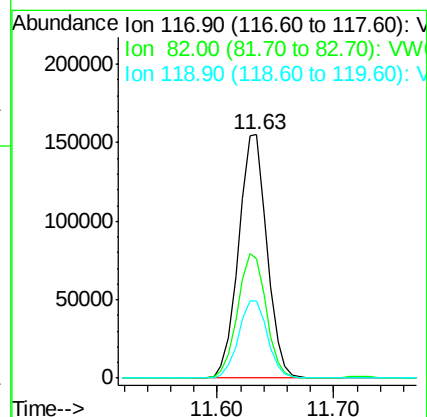
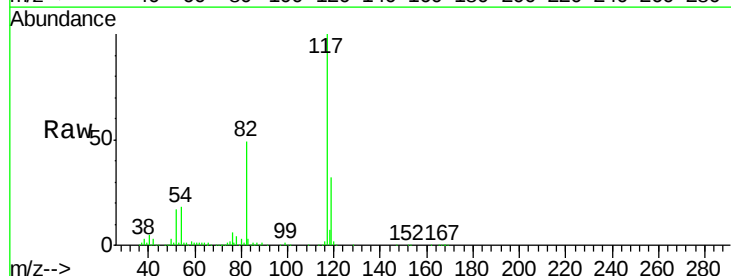
Tgt Ion: 117 Resp: 263998

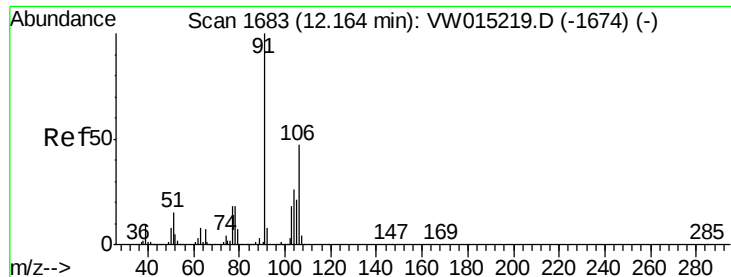
Ion Ratio Lower Upper

117 100

82 49.1 44.1 66.1

119 31.7 24.9 37.3

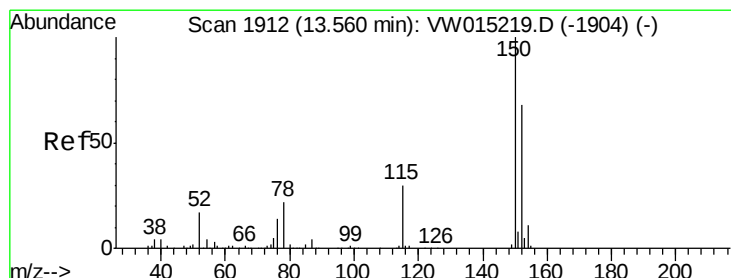
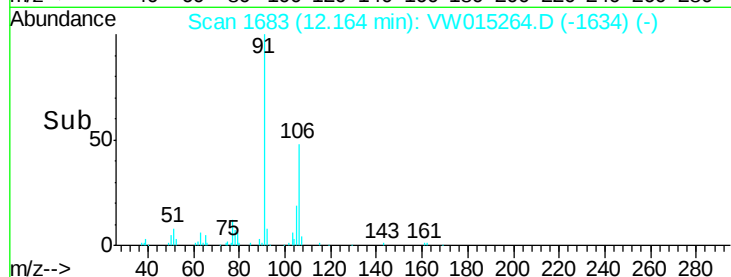
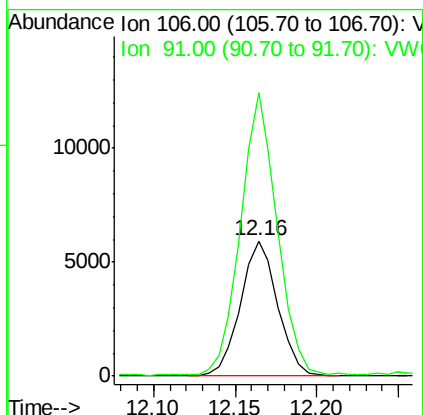
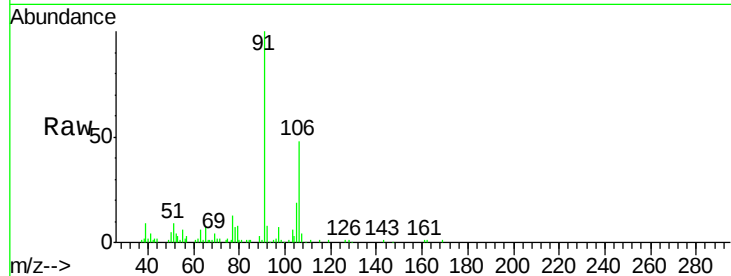




#69
o-Xylene
Concen: 2.672 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015264.D
Acq: 21 Apr 2020 15:57

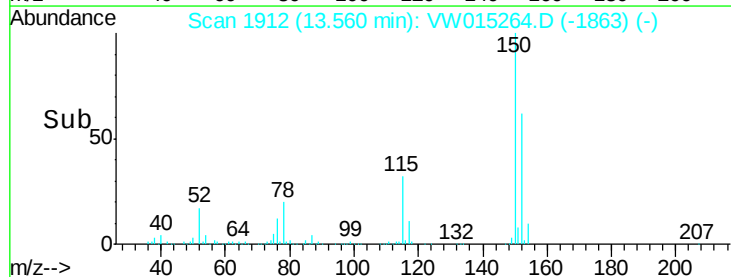
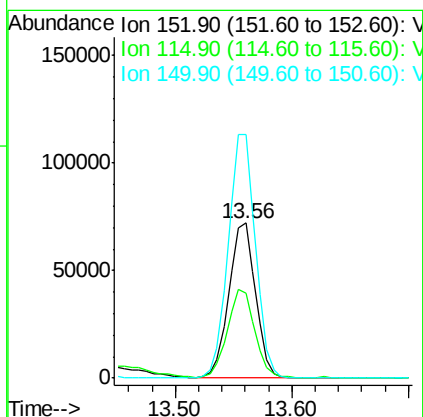
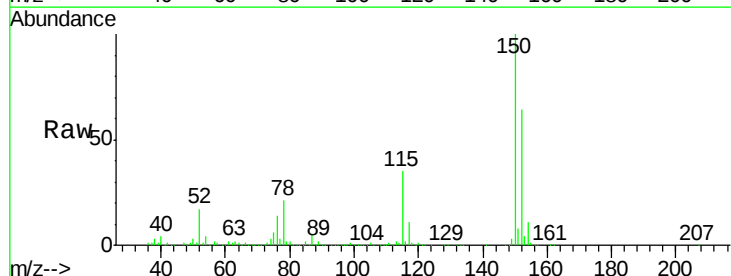
Instrument :
MSVOA_W
ClientSampled :
TP-19

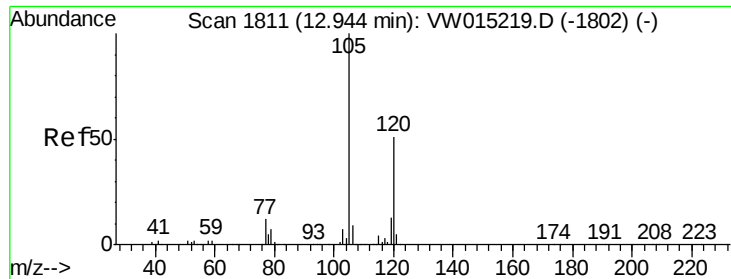
Tot Ion:106 Resp: 9445
Ion Ratio Lower Upper
106 100
91 202.8 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015264.D
Acq: 21 Apr 2020 15:57

Tgt Ion:152 Resp: 115395
Ion Ratio Lower Upper
152 100
115 57.1 31.3 93.9
150 159.3 0.0 343.4

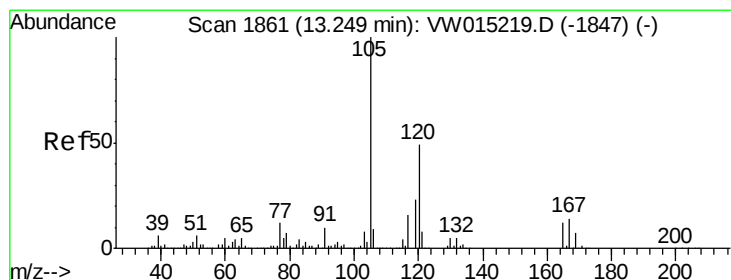
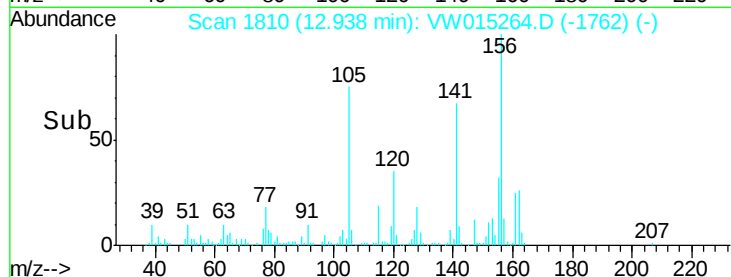
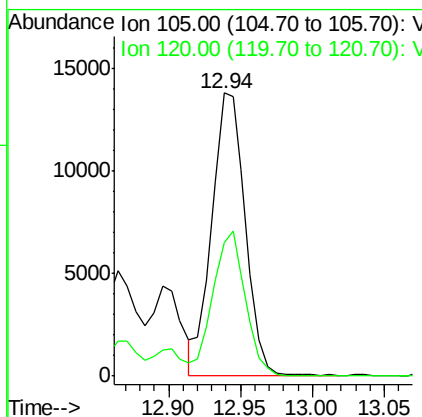
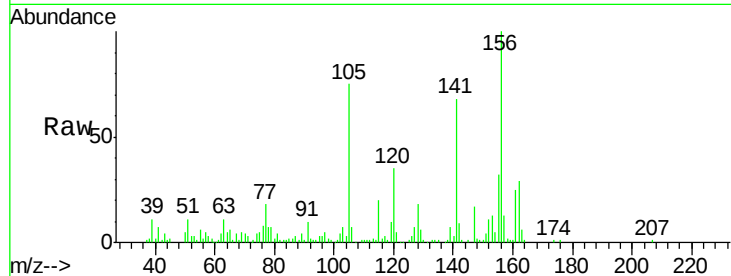




#80
 1,3,5-Trimethylbenzene
 Concen: 3.255 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW015264.D
 Acq: 21 Apr 2020 15:57

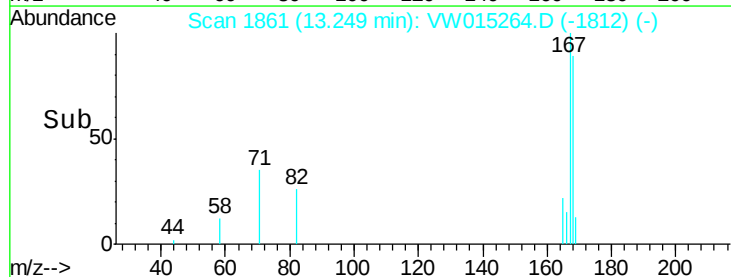
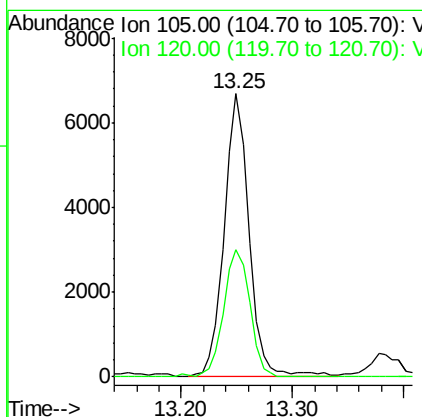
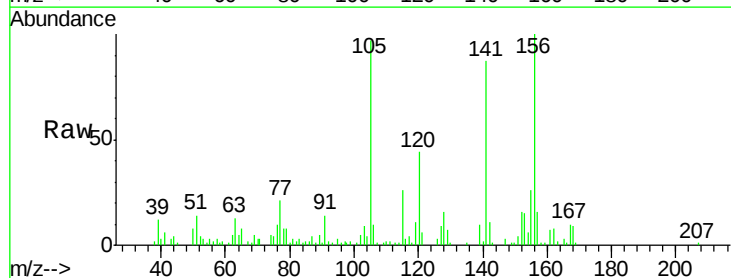
Instrument :
 MSVOA_W
 ClientSampled :
 TP-19

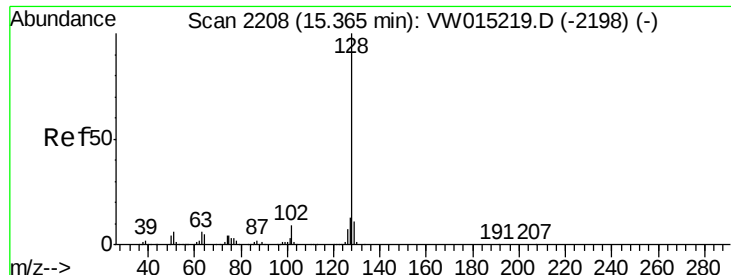
Tot Ion:105 Resp: 22435
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.532 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015264.D
 Acq: 21 Apr 2020 15:57

Tgt Ion:105 Resp: 10417
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.0 69.0

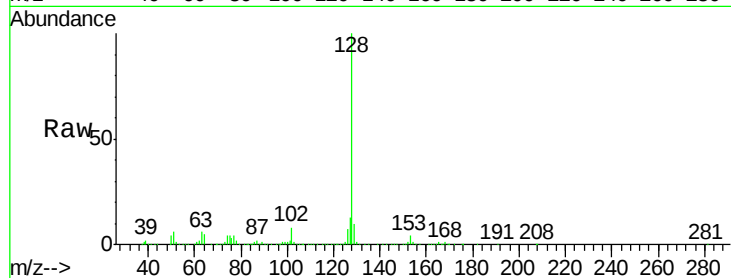




#95
Naphthalene
Concen: 56.280 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015264.D
Acq: 21 Apr 2020 15:57

Instrument :
MSVOA_W
ClientSampleId :
TP-19

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.7	8.6	12.8



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

