

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012285.D
 Acq On : 29 Aug 2019 06:20
 Operator : SY/VA
 Sample : K4536-04
 Misc : 3.50G/5ML/MSVOA_W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-20-22

Quant Time: Sep 05 19:21:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

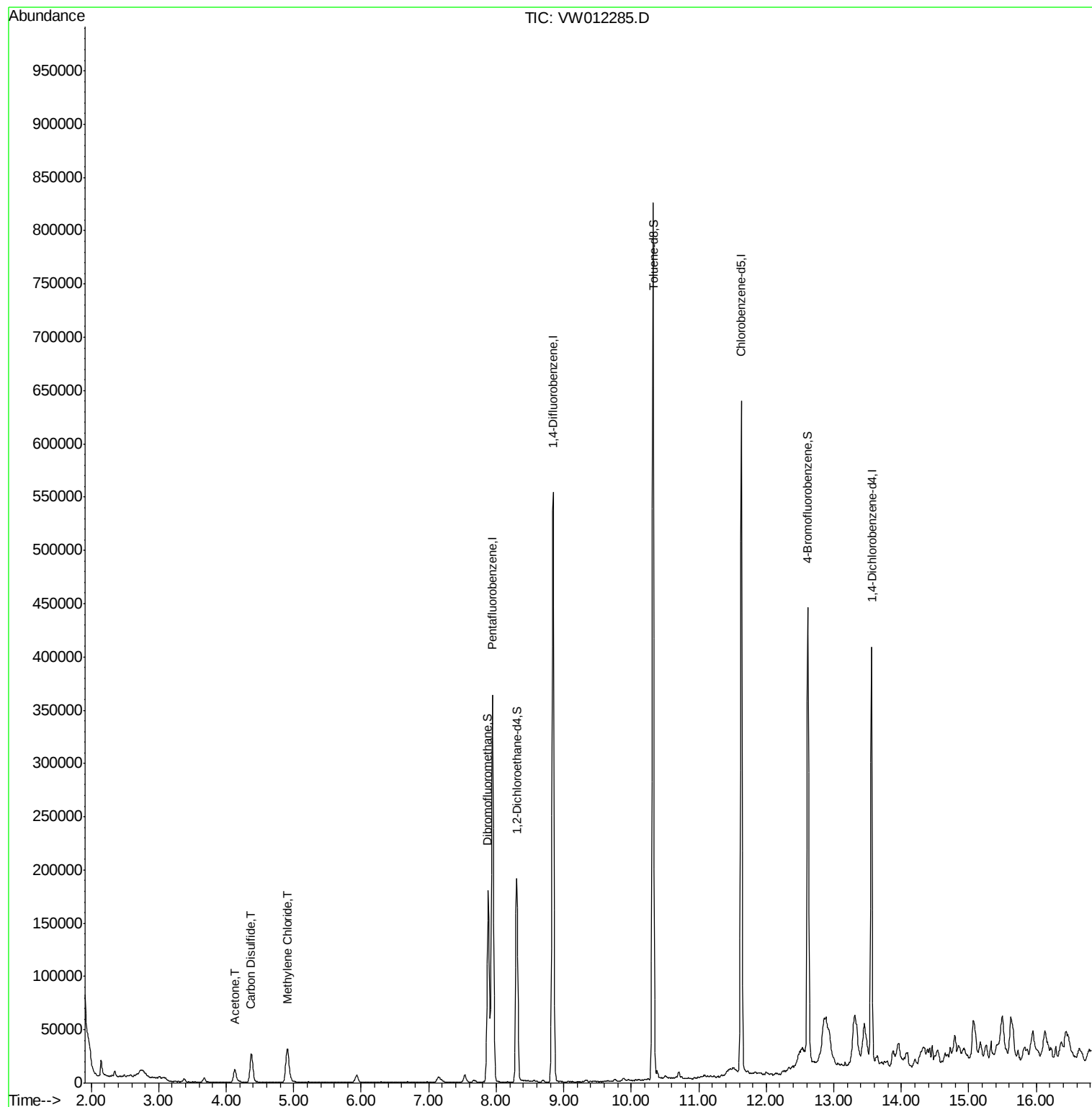
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	155624	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
35) Dibromofluoromethane	7.88	113	129661	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	10.32	98	520010	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	141521	38.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.68%	
Target Compounds						
16) Acetone	4.12	43	24525	30.068	ug/l	95
17) Carbon Disulfide	4.37	76	59029	7.254	ug/l	100
20) Methylene Chloride	4.91	84	22793	7.392	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012285.D

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Instrument :

MSVOA_W

ClientSampleId :

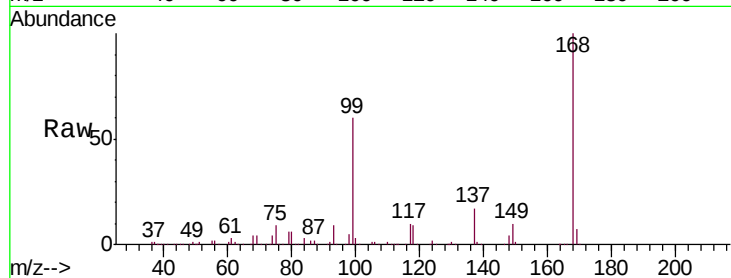
SB-1-20-22

Tgt Ion:168 Resp: 268424

Ion Ratio Lower Upper

168 100

99 59.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

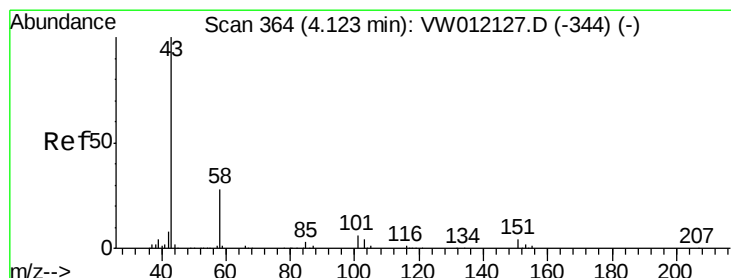
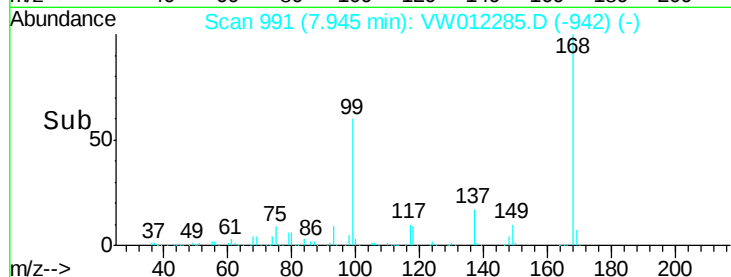
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 30.068 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012285.D

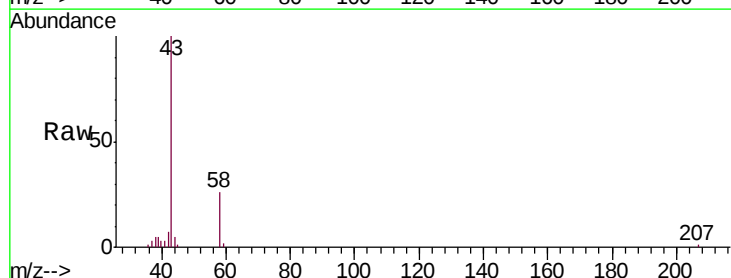
Acq: 29 Aug 2019 06:20

Tgt Ion: 43 Resp: 24525

Ion Ratio Lower Upper

43 100

58 25.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

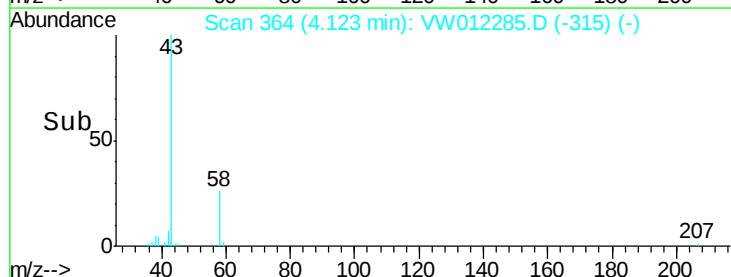
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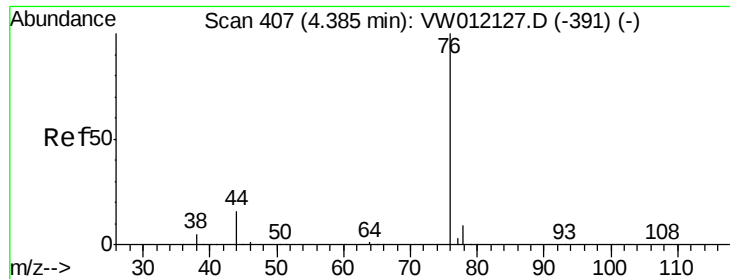
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2000

0

Time-->

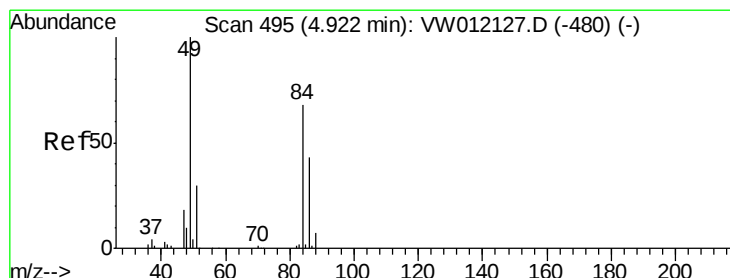
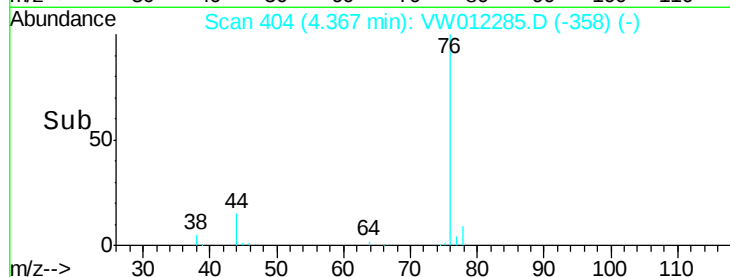
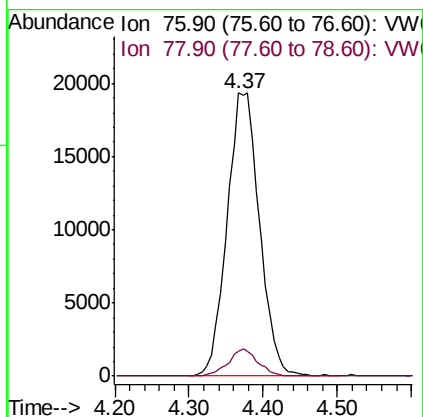
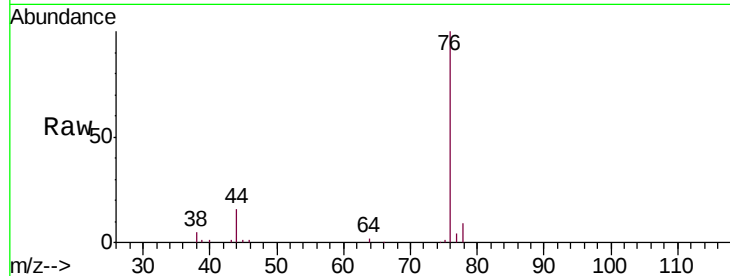




#17
Carbon Disulfide
Concen: 7.254 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.02 min
Lab File: VW012285.D
Acq: 29 Aug 2019 06:20

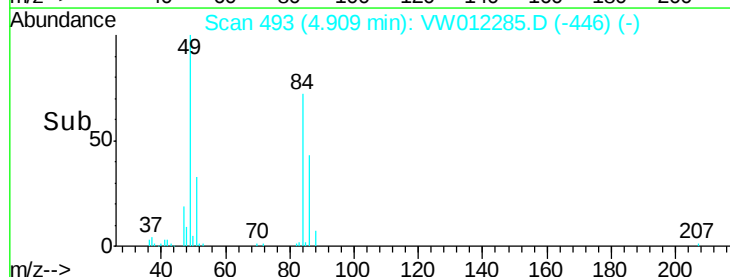
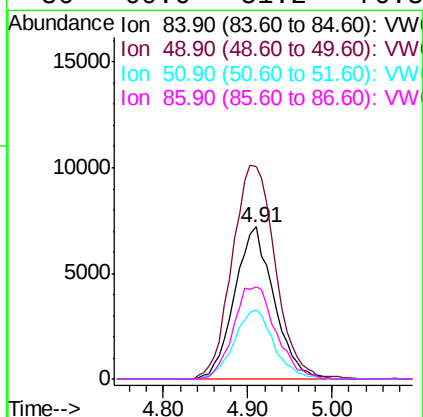
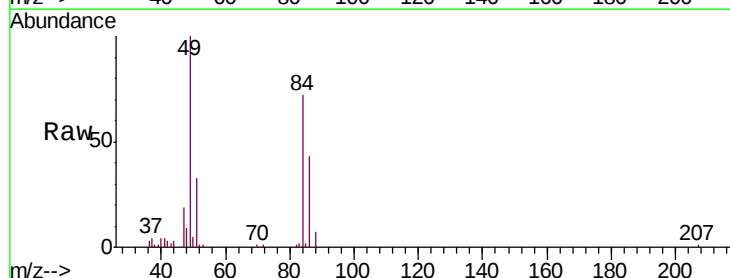
Instrument :
MSVOA_W
ClientSampleId :
SB-1-20-22

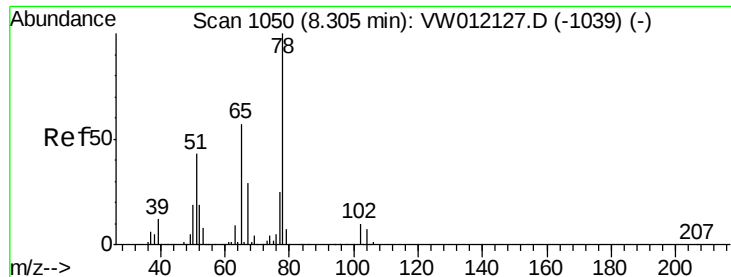
Tgt Ion: 76 Resp: 59029
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#20
Methylene Chloride
Concen: 7.392 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012285.D
Acq: 29 Aug 2019 06:20

Tgt Ion: 84 Resp: 22793
Ion Ratio Lower Upper
84 100
49 139.7 117.8 176.8
51 45.4 35.6 53.4
86 60.6 51.2 76.8

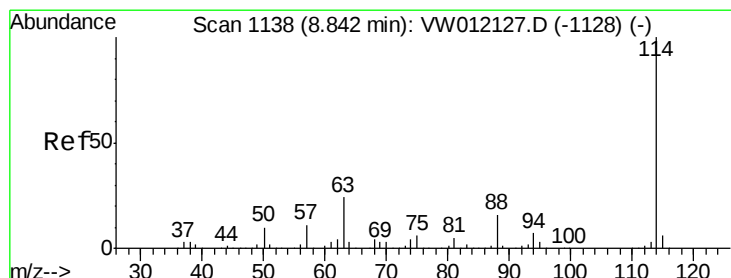
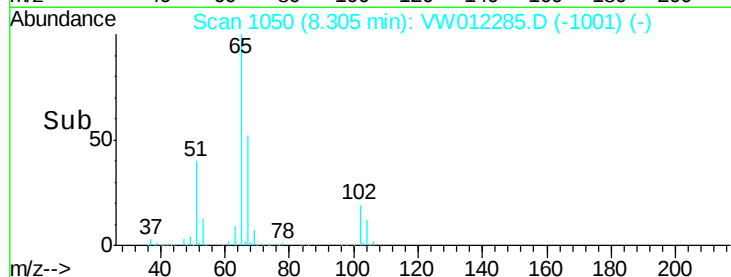
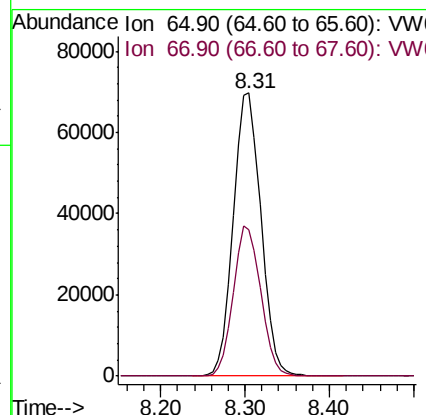
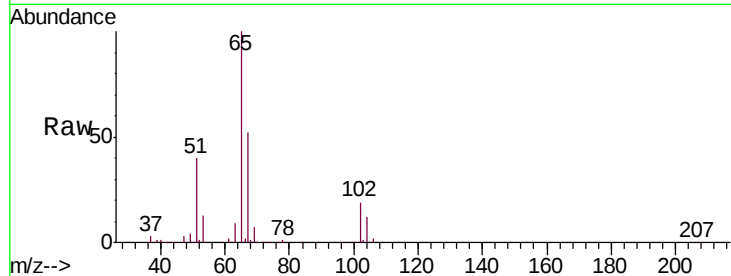




#33
 1,2-Dichloroethane-d4
 Concen: 48.771 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012285.D
 Acq: 29 Aug 2019 06:20

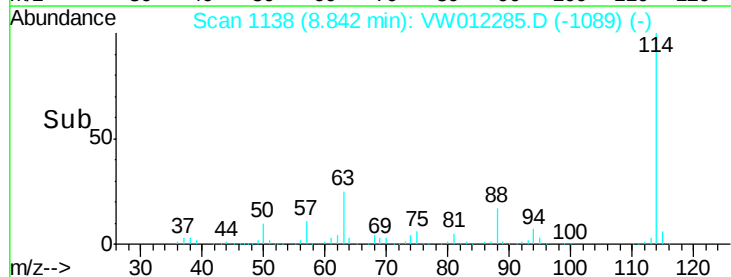
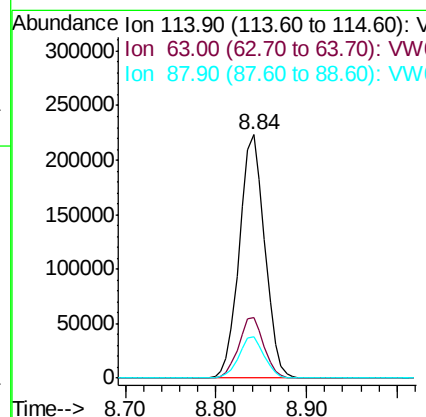
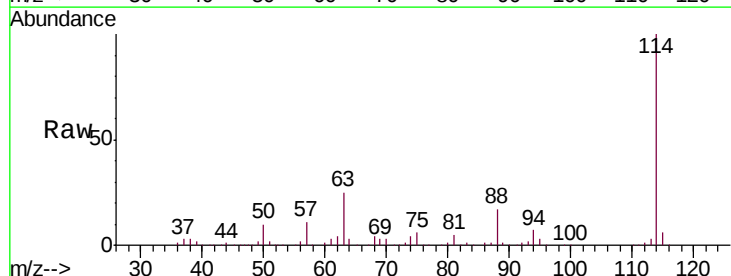
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-20-22

Tgt Ion: 65 Resp: 155624
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012285.D
 Acq: 29 Aug 2019 06:20

Tgt Ion: 114 Resp: 432668
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 17.1 0.0 32.2

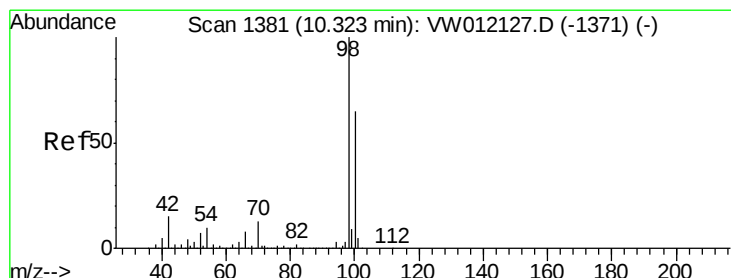
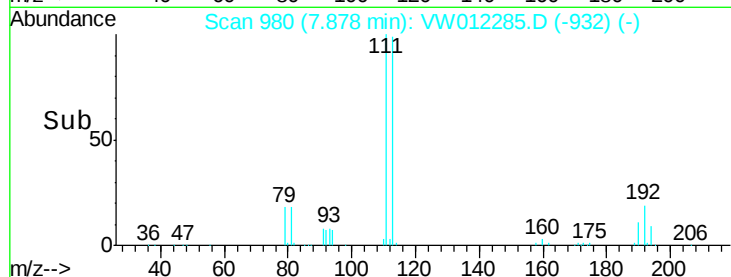
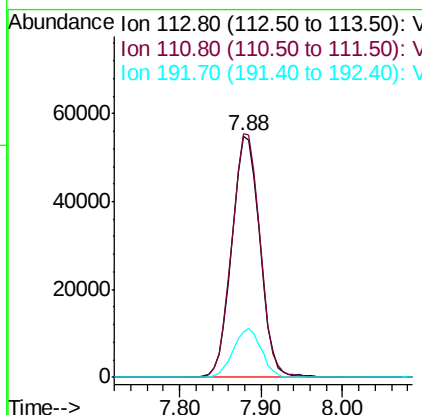
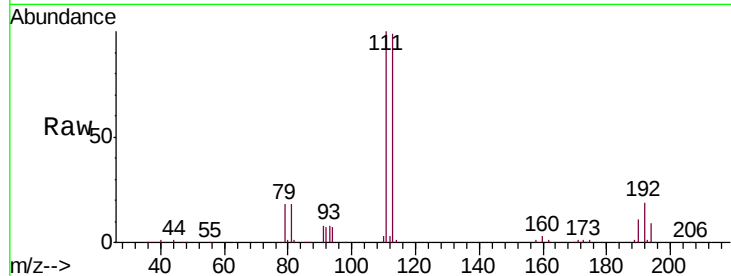




#35
 Dibromofluoromethane
 Concen: 50.205 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012285.D
 Acq: 29 Aug 2019 06:20

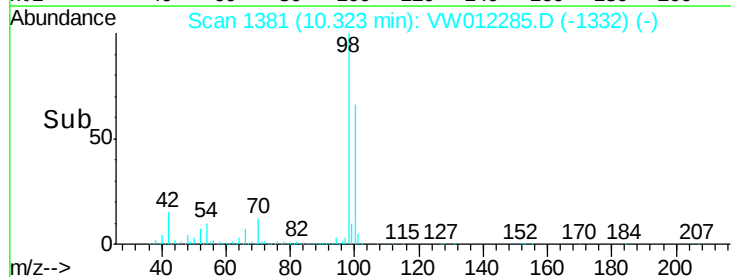
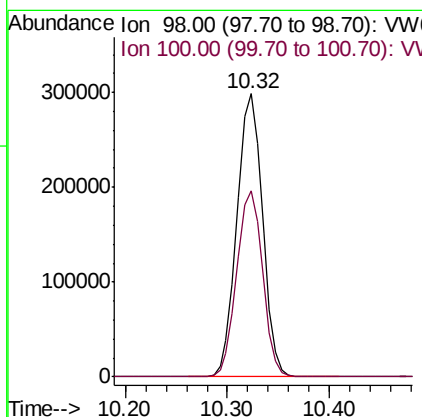
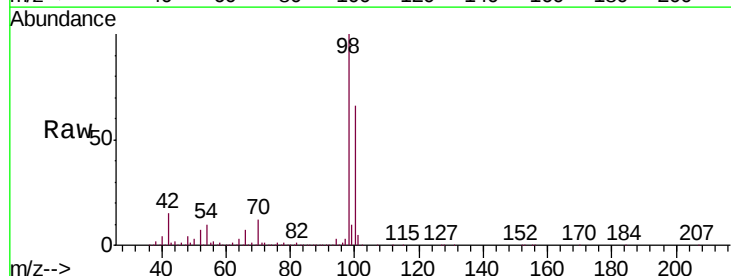
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-20-22

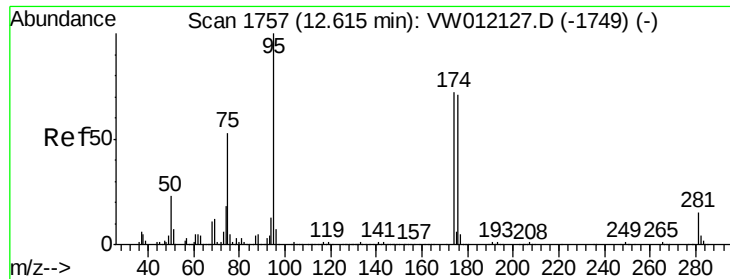
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.7	124.1
192	20.4	16.2	24.2



#50
 Toluene-d8
 Concen: 49.659 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012285.D
 Acq: 29 Aug 2019 06:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6

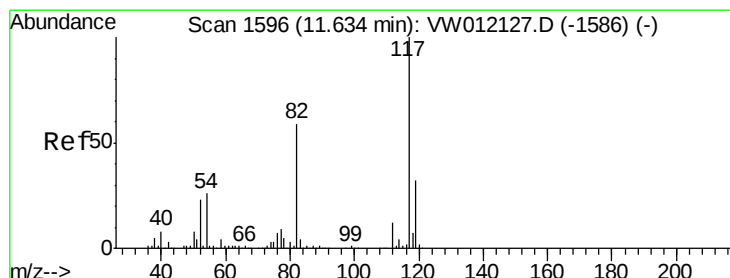
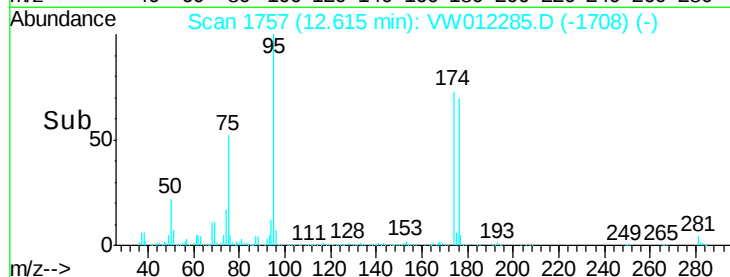
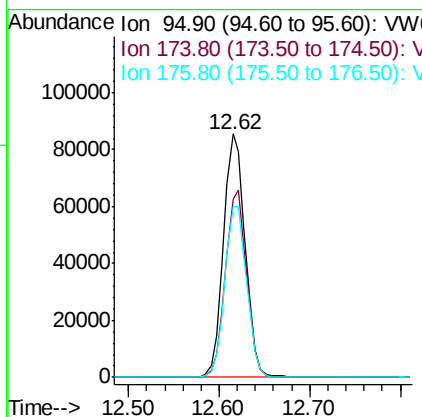
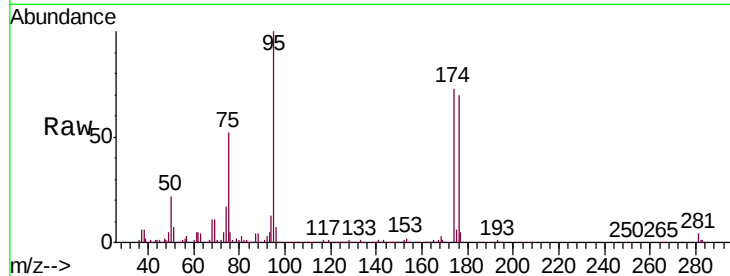




#62
4-Bromofluorobenzene
Concen: 38.339 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012285.D
Acq: 29 Aug 2019 06:20

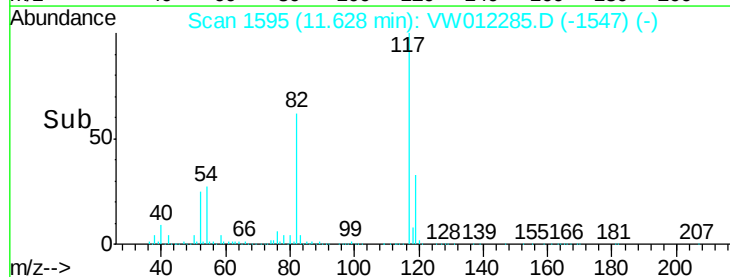
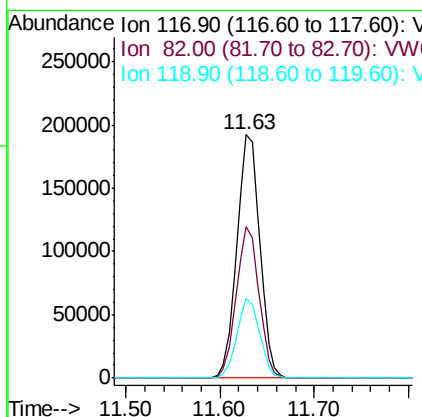
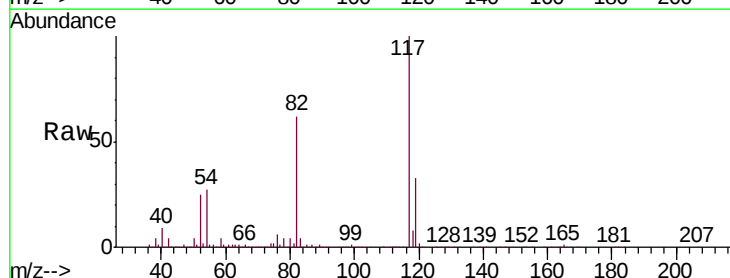
Instrument :
MSVOA_W
ClientSampled :
SB-1-20-22

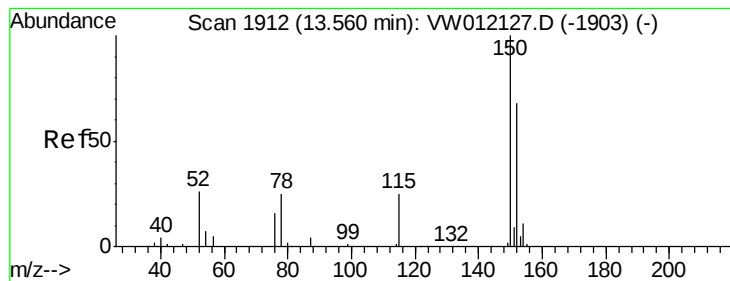
Tgt Ion: 95 Resp: 141521
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.8
176 71.3 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012285.D
Acq: 29 Aug 2019 06:20

Tgt Ion: 117 Resp: 326783
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 32.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012285.D

Acq: 29 Aug 2019 06:20

Instrument :

MSVOA_W

ClientSampleId :

SB-1-20-22

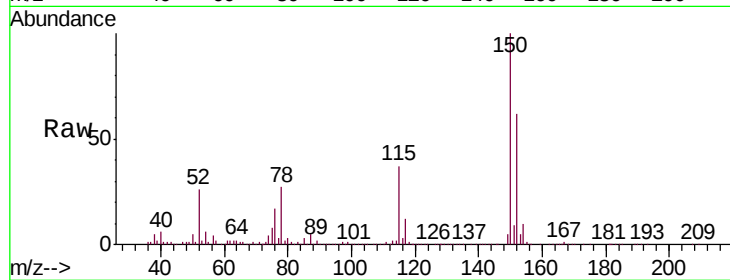
Tgt Ion:152 Resp: 98225

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

150 158.1 0.0 345.8



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

