

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012376.D
 Acq On : 31 Aug 2019 03:47
 Operator : SY/VA
 Sample : K4562-02
 Misc : 4.21G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-15-17

Quant Time: Sep 09 01:56:13 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

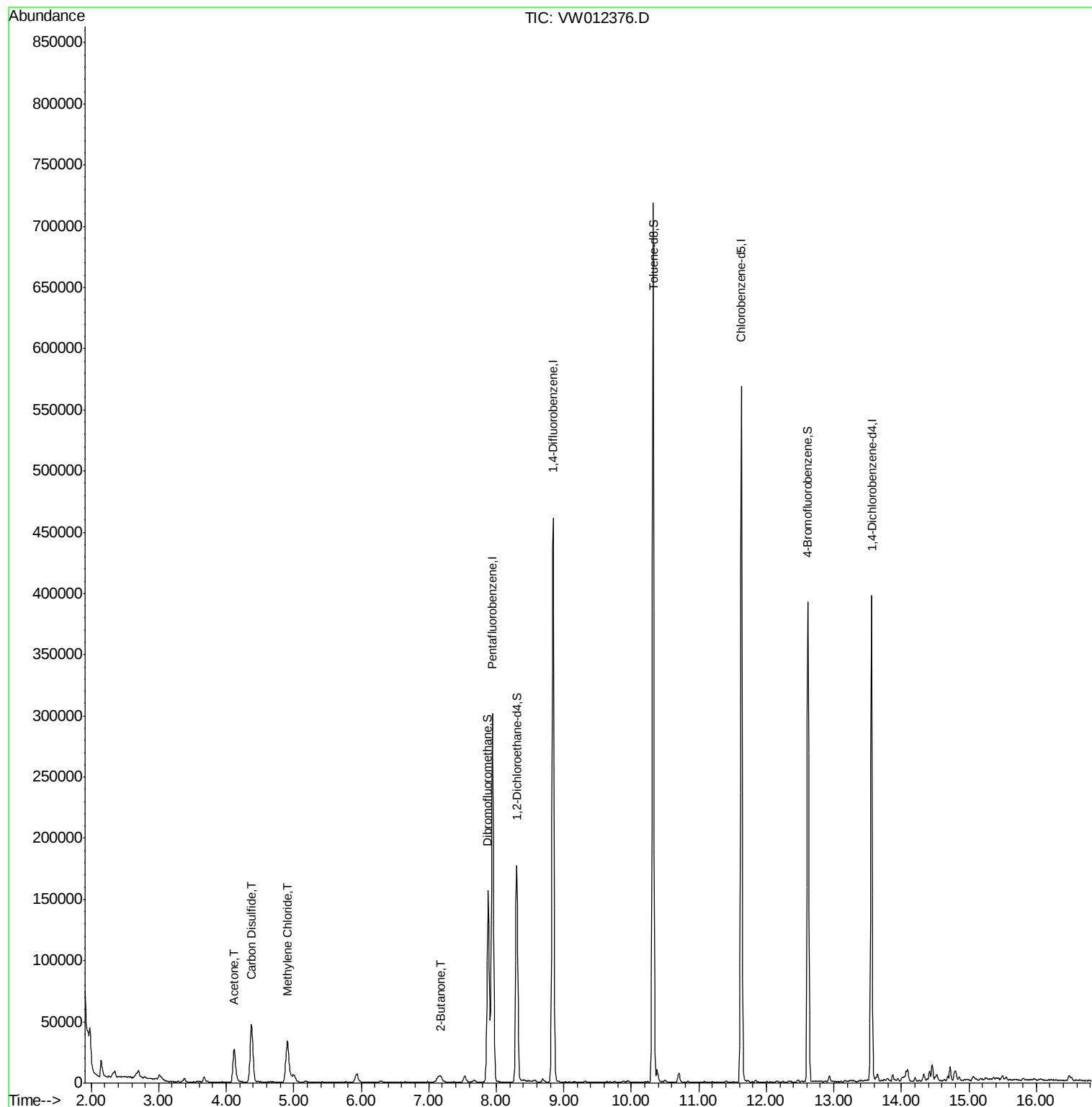
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	296760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	145025	56.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.96%	
35) Dibromofluoromethane	7.88	113	111498	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	10.32	98	445471	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.62	95	127951	42.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.02%	
Target Compounds						
16) Acetone	4.12	43	51746	78.841	ug/l	96
17) Carbon Disulfide	4.37	76	100854	15.403	ug/l	99
20) Methylene Chloride	4.91	84	22633	9.122	ug/l	94
25) 2-Butanone	7.18	43	7495	8.404	ug/l	97

(#) = 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: VW012376.D

Acq: 31 Aug 2019 03:47

Instrument :

MSVOA_W

ClientSampleId :

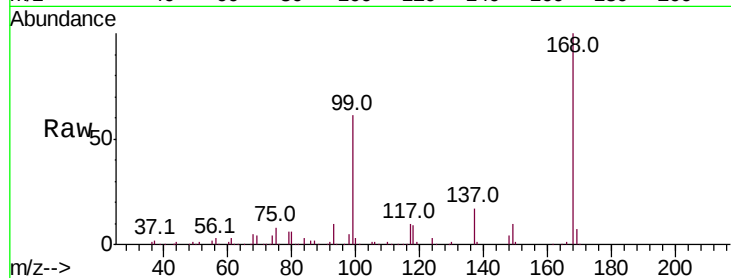
SB-02-15-17

Tot Ion:168 Resp: 215992

Ion Ratio Lower Upper

168 100

99 60.7 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

80000

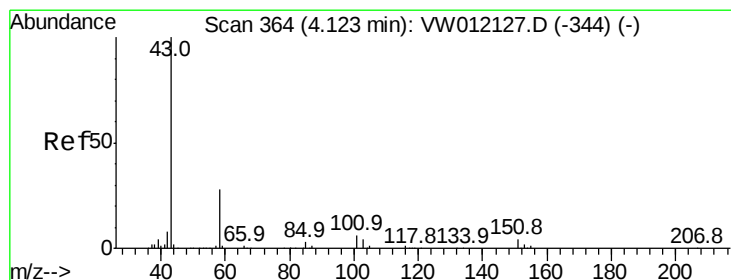
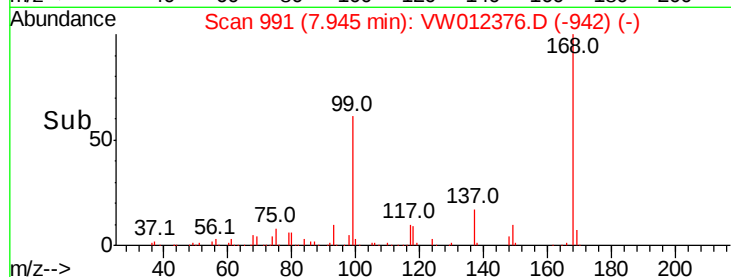
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 78.841 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012376.D

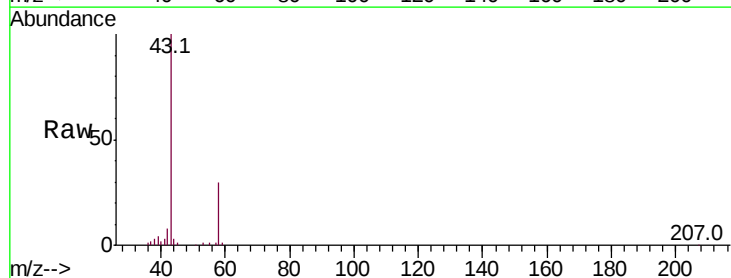
Acq: 31 Aug 2019 03:47

Tgt Ion: 43 Resp: 51746

Ion Ratio Lower Upper

43 100

58 30.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

20000

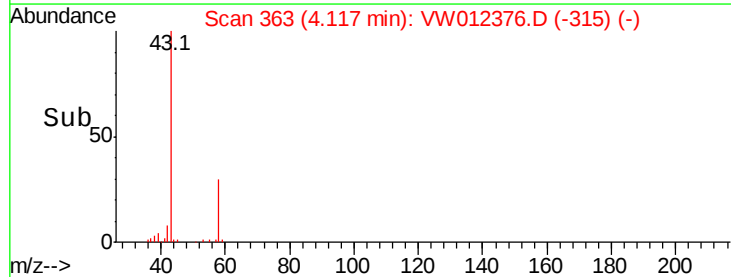
15000

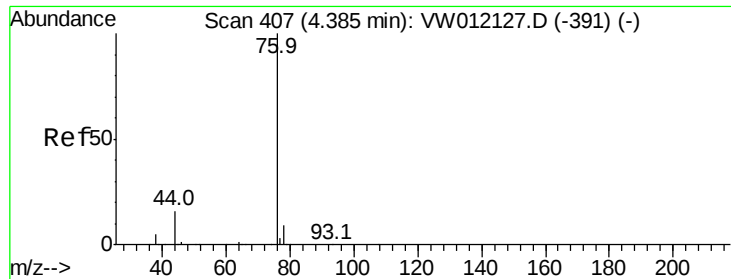
10000

5000

0

Time--> 4.00 4.10 4.20 4.30

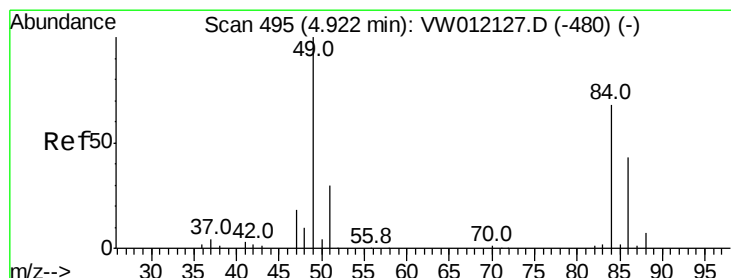
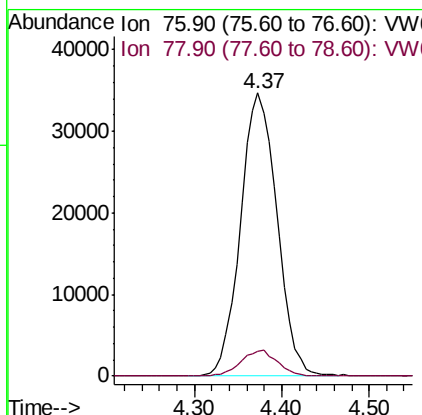
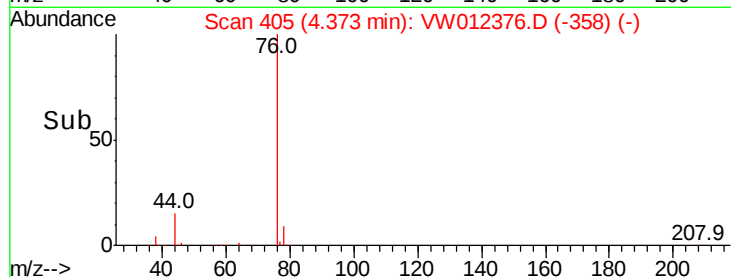
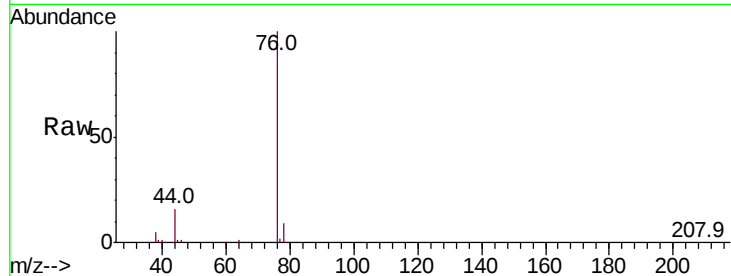




#17
Carbon Disulfide
Concen: 15.403 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012376.D
Acq: 31 Aug 2019 03:47

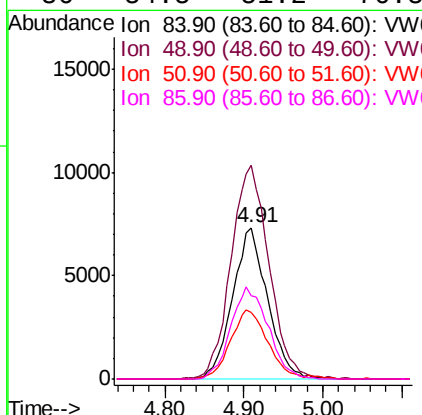
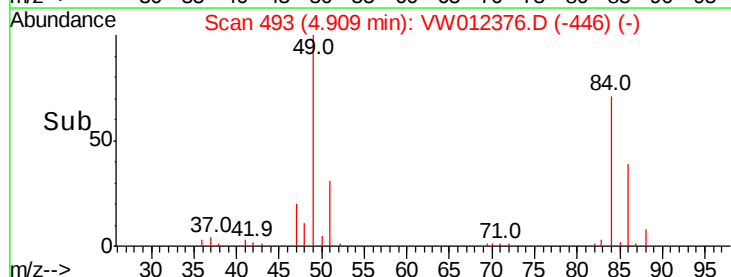
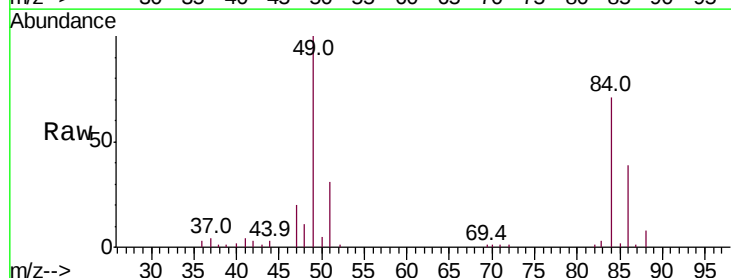
Instrument :
MSVOA_W
ClientSampleId :
SB-02-15-17

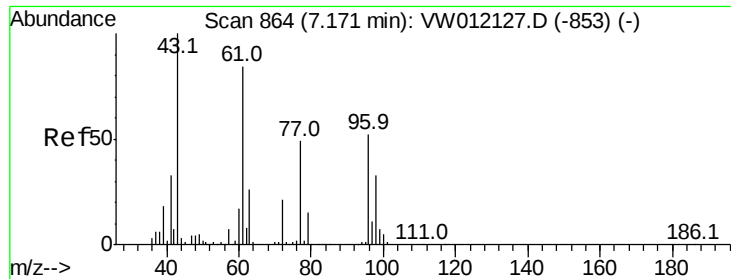
Tot Ion: 76 Resp: 100854
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#20
Methylene Chloride
Concen: 9.122 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012376.D
Acq: 31 Aug 2019 03:47

Tgt Ion: 84 Resp: 22633
Ion Ratio Lower Upper
84 100
49 140.8 117.8 176.8
51 44.2 35.6 53.4
86 54.5 51.2 76.8





#25

2-Butanone

Concen: 8.404 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012376.D

Acq: 31 Aug 2019 03:47

Instrument :

MSVOA_W

ClientSampled :

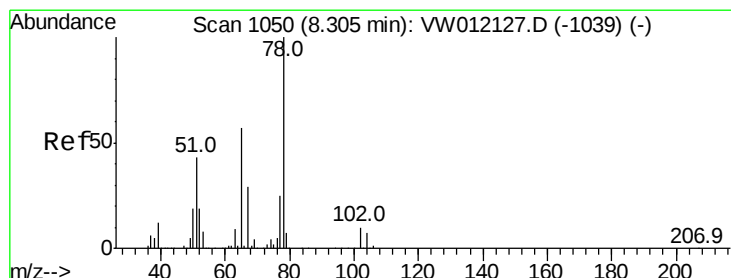
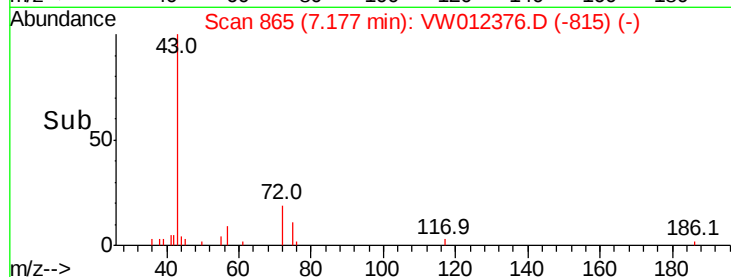
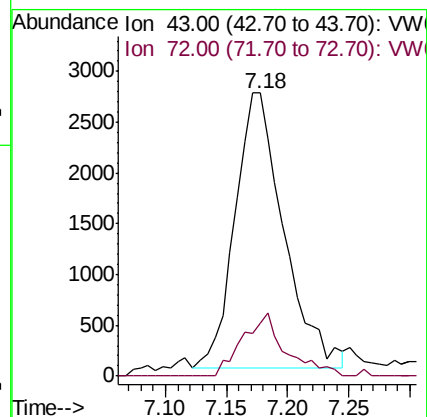
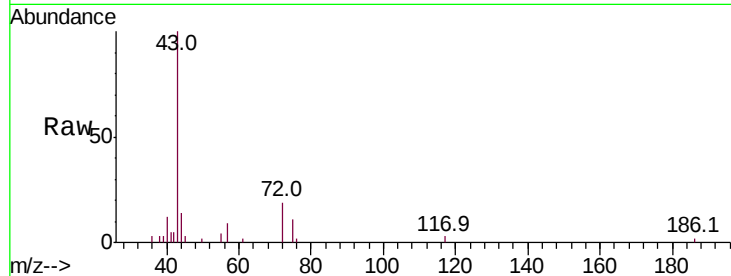
SB-02-15-17

Tot Ion: 43 Resp: 7495

Ion Ratio Lower Upper

43 100

72 19.3 16.6 24.8



#33

1,2-Dichloroethane-d4

Concen: 56.482 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012376.D

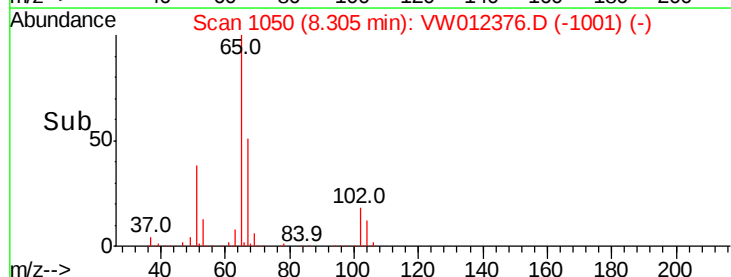
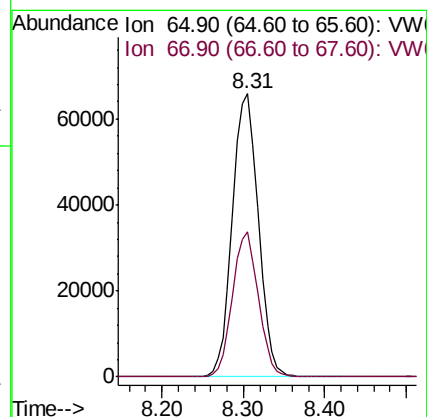
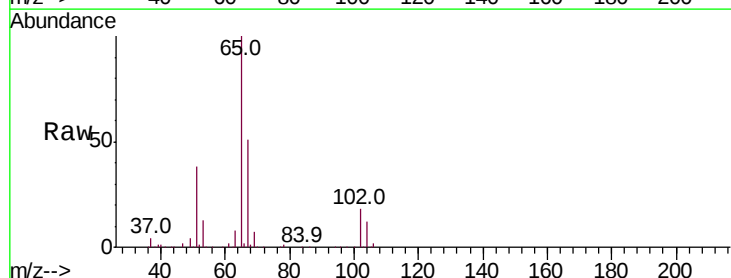
Acq: 31 Aug 2019 03:47

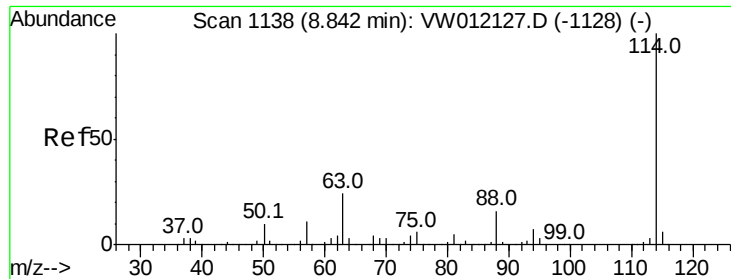
Tgt Ion: 65 Resp: 145025

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6

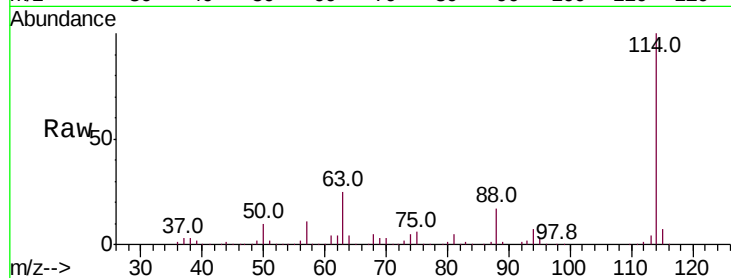




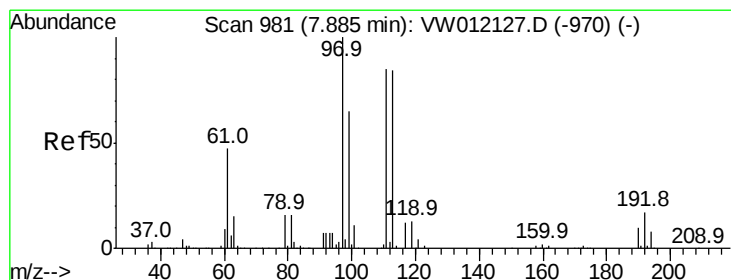
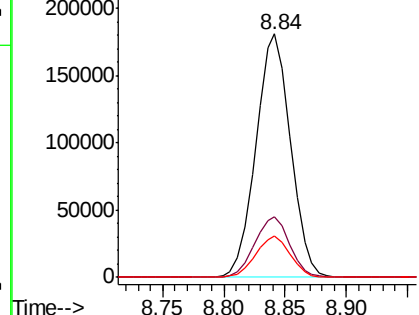
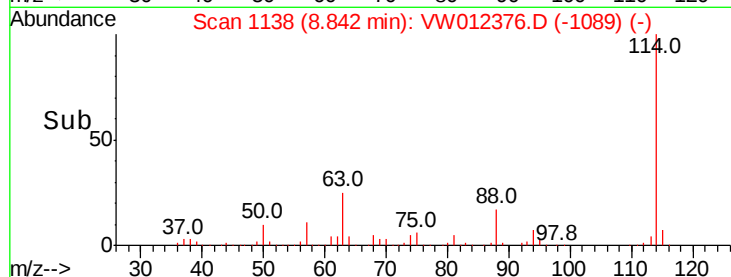
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012376.D
 Acq: 31 Aug 2019 03:47

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-15-17

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	48.6
88	17.0	0.0	32.2

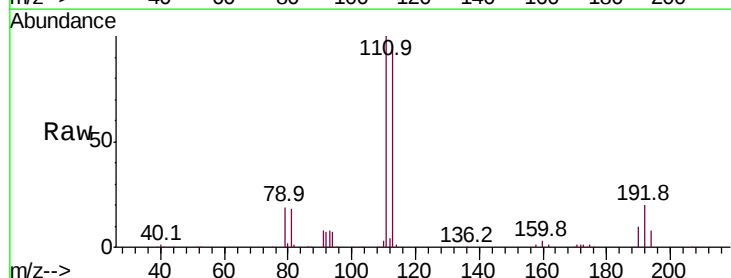


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

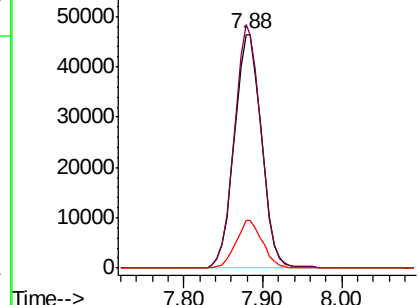
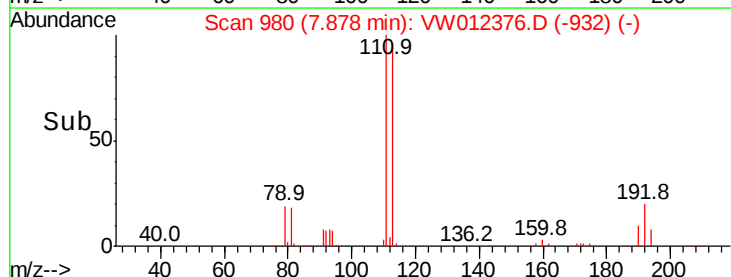


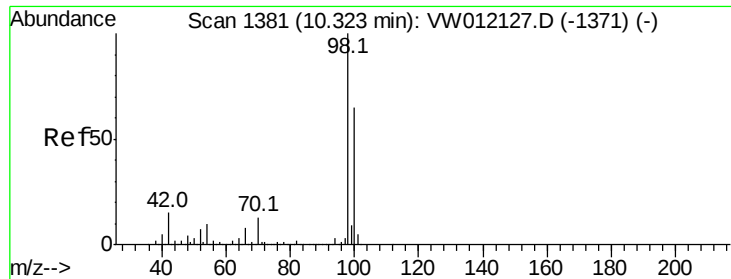
#35
 Dibromofluoromethane
 Concen: 52.318 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012376.D
 Acq: 31 Aug 2019 03:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	19.8	16.2	24.2



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: 51.552 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012376.D

Acq: 31 Aug 2019 03:47

Instrument :

MSVOA_W

ClientSampleId :

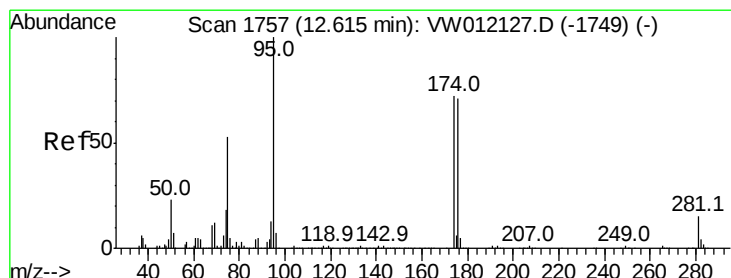
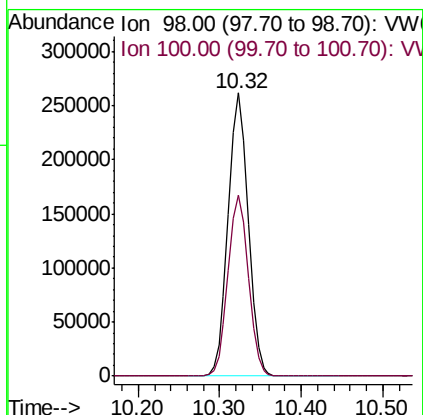
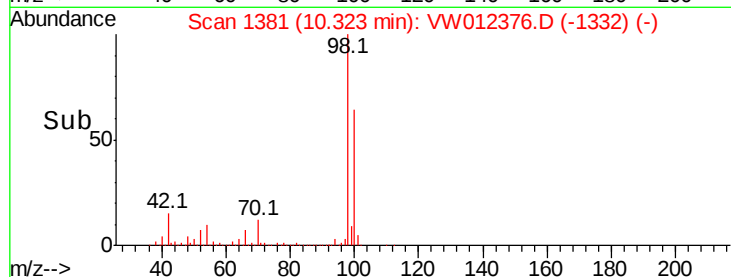
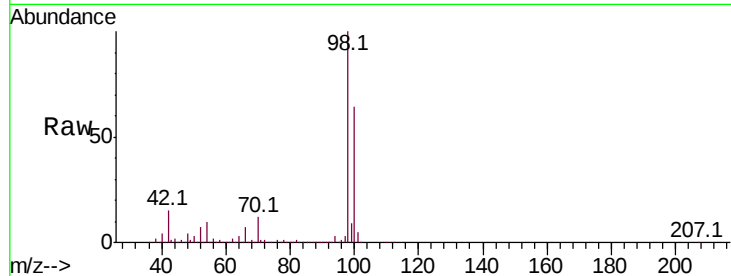
SB-02-15-17

Tot Ion: 98 Resp: 445471

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.006 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012376.D

Acq: 31 Aug 2019 03:47

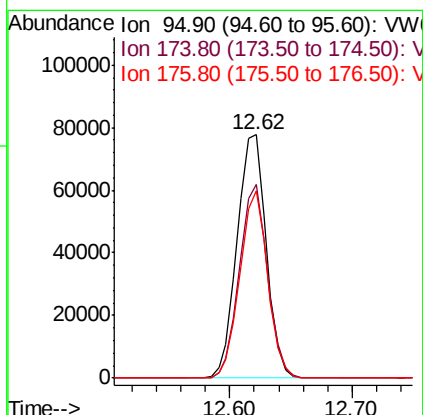
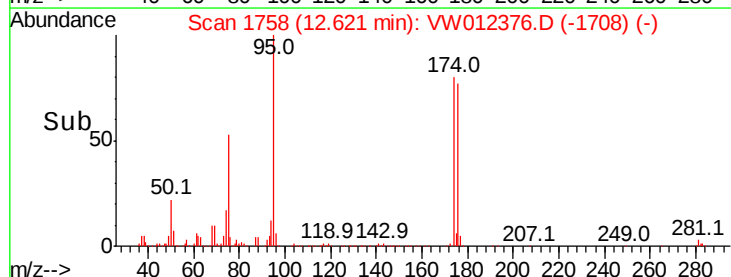
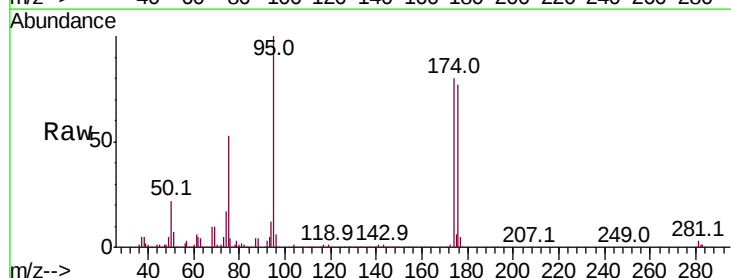
Tgt Ion: 95 Resp: 127951

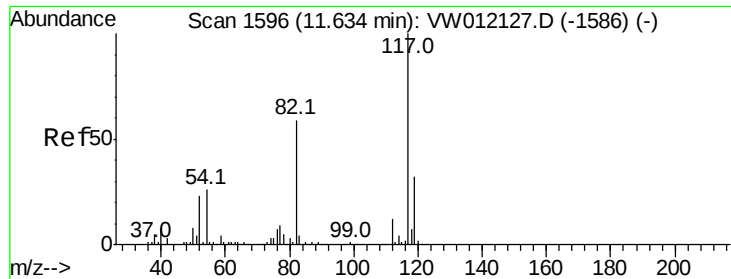
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.8

176 73.6 0.0 148.6

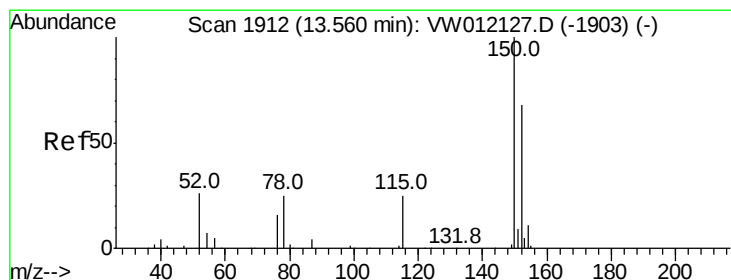
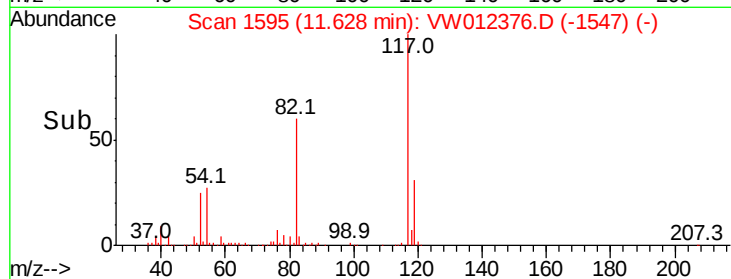
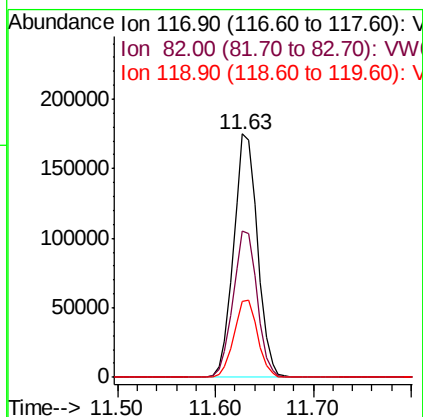
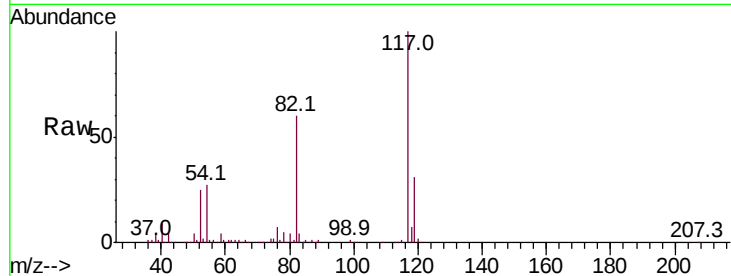




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012376.D
Acq: 31 Aug 2019 03:47

Instrument :
MSVOA_W
ClientSampleId :
SB-02-15-17

Tot Ion:117 Resp: 296760
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.3 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: VW012376.D
Acq: 31 Aug 2019 03:47

Tgt Ion:152 Resp: 97876
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.3
150 155.8 0.0 345.8

