

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082819\
 Data File : VW012284.D
 Acq On : 29 Aug 2019 05:54
 Operator : SY/VA
 Sample : K4536-02
 Misc : 3.95G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-15-17

Quant Time: Aug 29 08:05:03 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

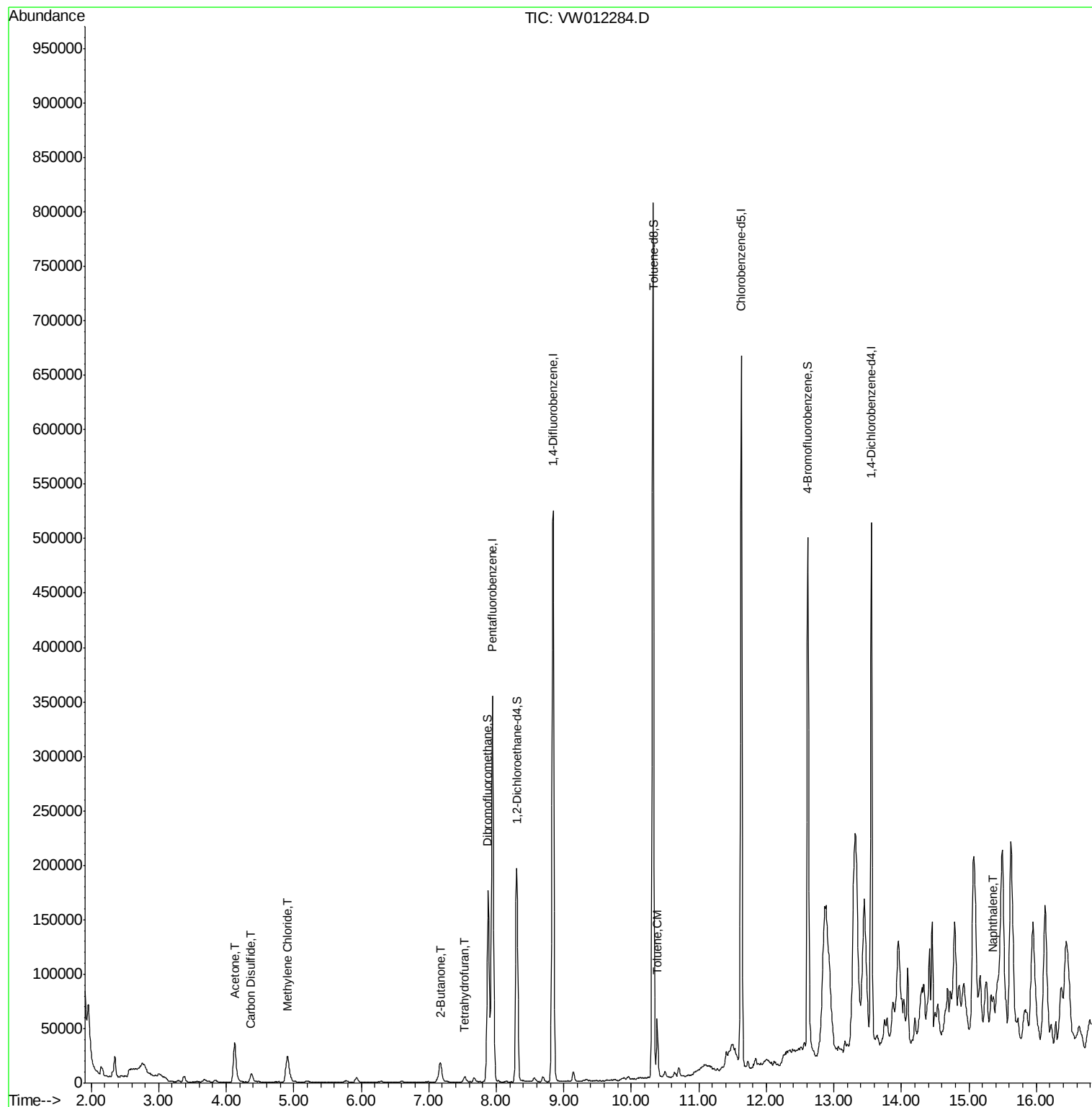
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	159143	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	7.88	113	124568	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	10.32	98	517148	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	155483	43.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.62%	
Target Compounds						
16) Acetone	4.12	43	70556	89.781	ug/l	99
17) Carbon Disulfide	4.37	76	17739	2.263	ug/l	100
20) Methylene Chloride	4.91	84	16812	5.659	ug/l	93
25) 2-Butanone	7.17	43	29560	27.681	ug/l	99
29) Tetrahydrofuran	7.54	42	4495	7.016	ug/l #	84
52) Toluene	10.38	92	22359	3.135	ug/l	97
95) Naphthalene	15.36	128	19910	8.305	ug/l #	95

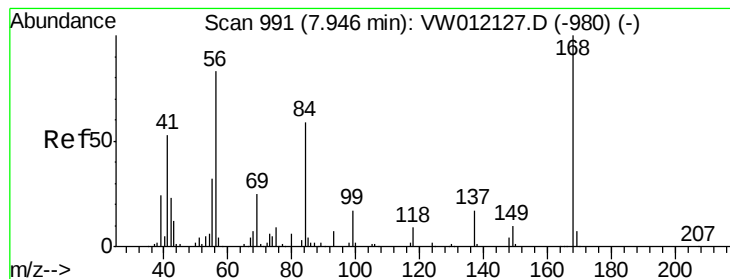
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012284.D

Acq: 29 Aug 2019 05:54

Instrument :

MSVOA_W

ClientSampleId :

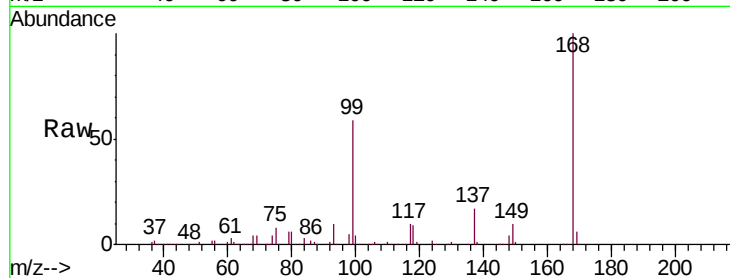
SB-1-15-17

Tgt Ion:168 Resp: 258618

Ion Ratio Lower Upper

168 100

99 59.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

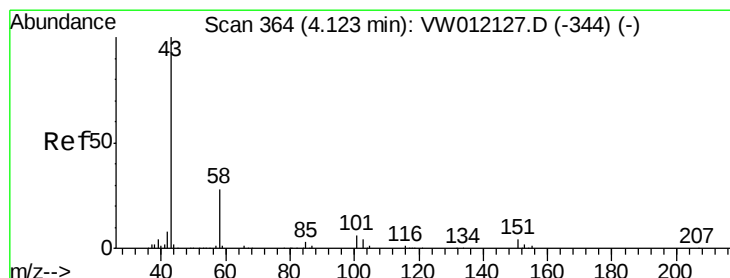
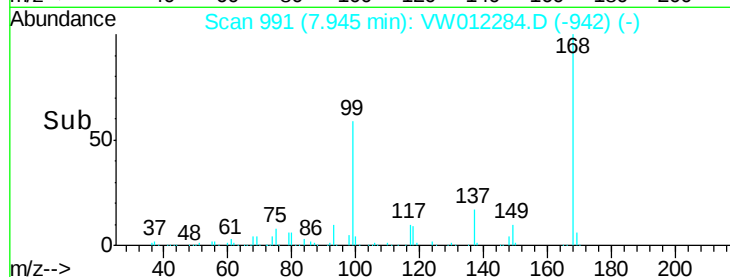
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 89.781 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012284.D

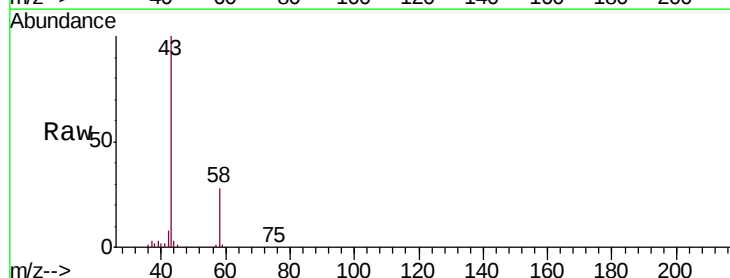
Acq: 29 Aug 2019 05:54

Tgt Ion: 43 Resp: 70556

Ion Ratio Lower Upper

43 100

58 28.3 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

25000

20000

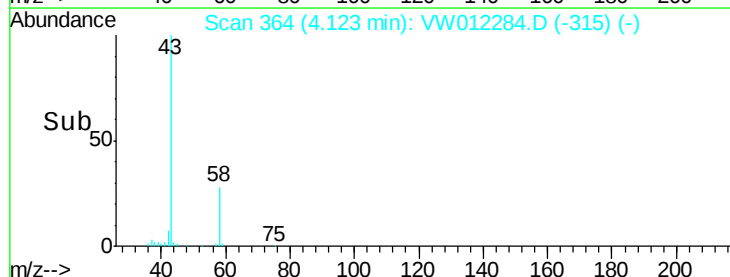
15000

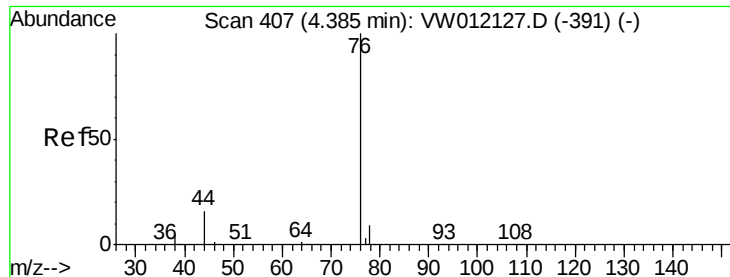
10000

5000

0

Time--> 4.00 4.10 4.20

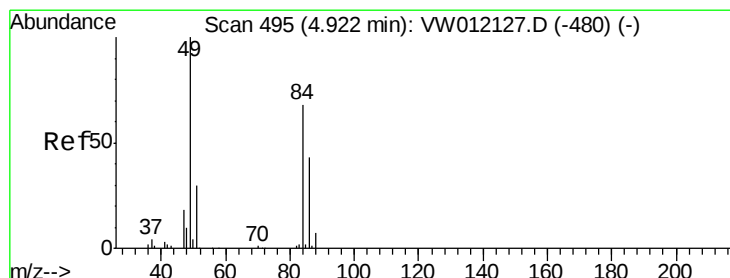
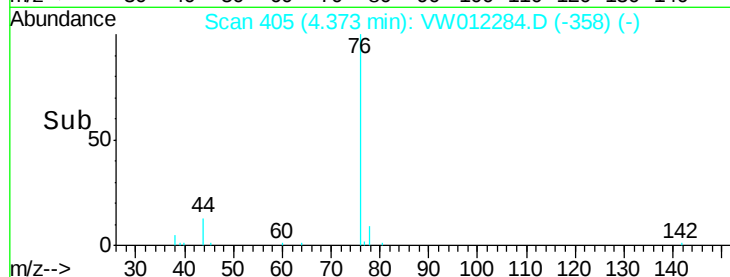
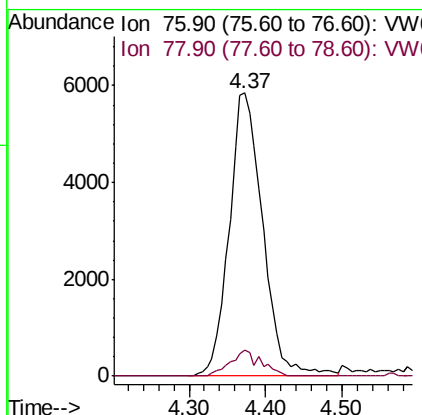
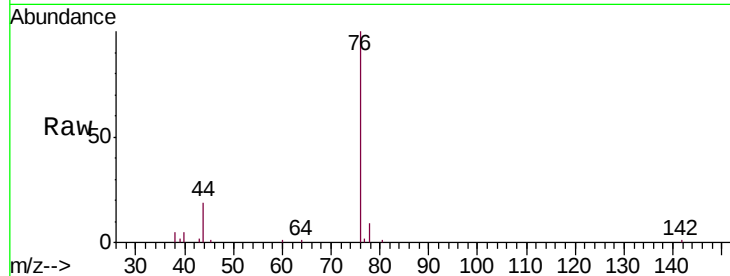




#17
Carbon Disulfide
Concen: 2.263 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012284.D
Acq: 29 Aug 2019 05:54

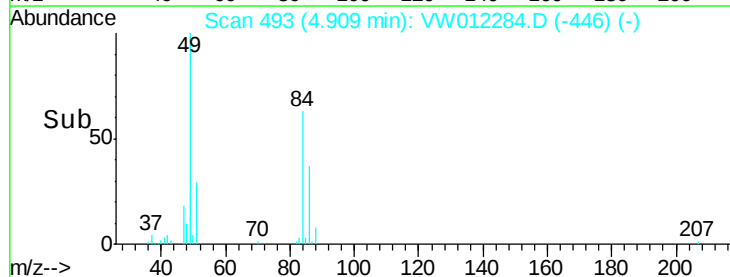
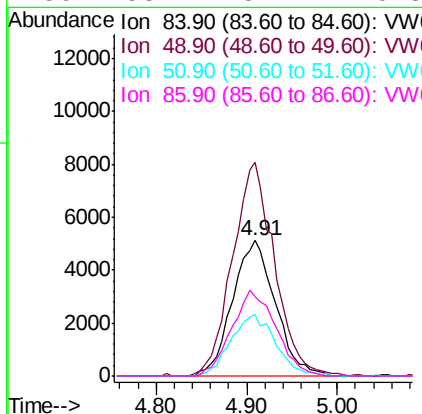
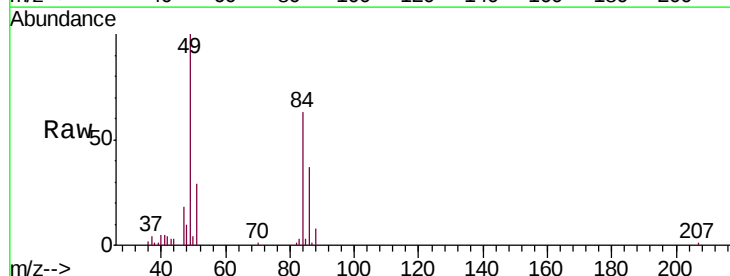
Instrument :
MSVOA_W
ClientSampleId :
SB-1-15-17

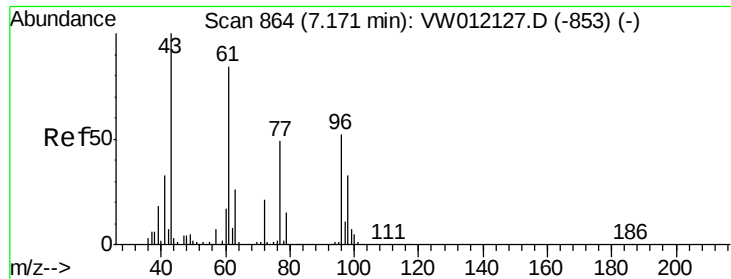
Tgt Ion: 76 Resp: 17739
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#20
Methylene Chloride
Concen: 5.659 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012284.D
Acq: 29 Aug 2019 05:54

Tgt Ion: 84 Resp: 16812
Ion Ratio Lower Upper
84 100
49 157.8 117.8 176.8
51 45.8 35.6 53.4
86 58.4 51.2 76.8





#25

2-Butanone

Concen: 27.681 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012284.D

Acq: 29 Aug 2019 05:54

Instrument :

MSVOA_W

ClientSampleId :

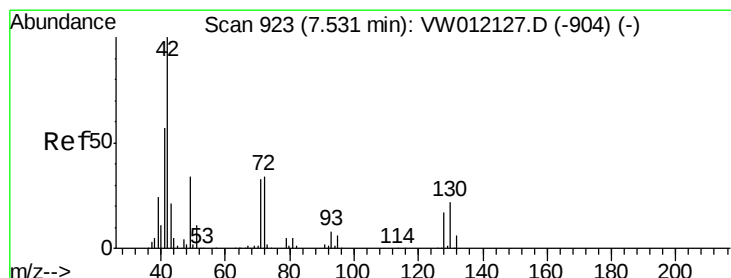
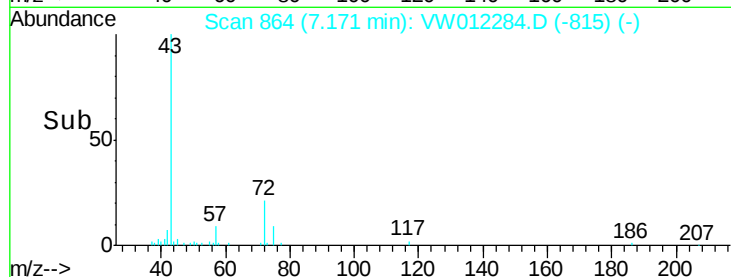
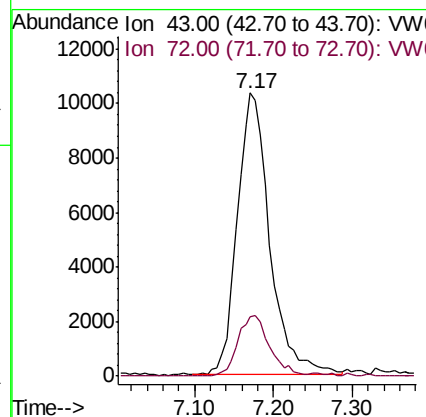
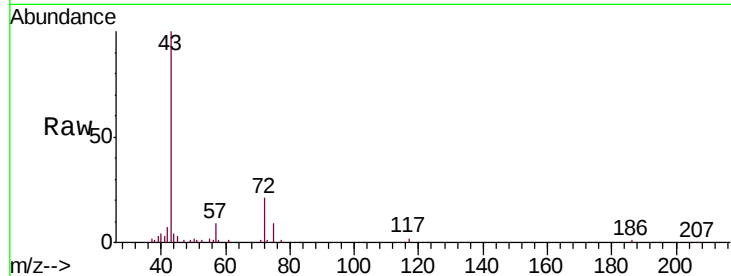
SB-1-15-17

Tgt Ion: 43 Resp: 29560

Ion Ratio Lower Upper

43 100

72 21.1 16.6 24.8



#29

Tetrahydrofuran

Concen: 7.016 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012284.D

Acq: 29 Aug 2019 05:54

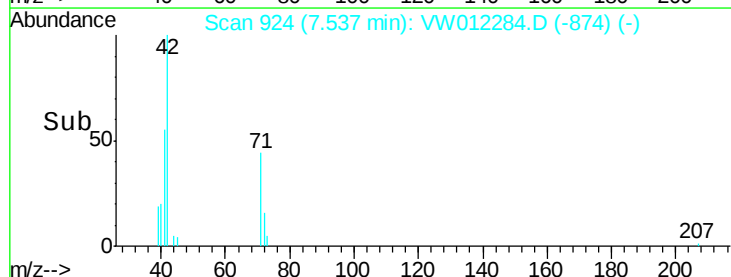
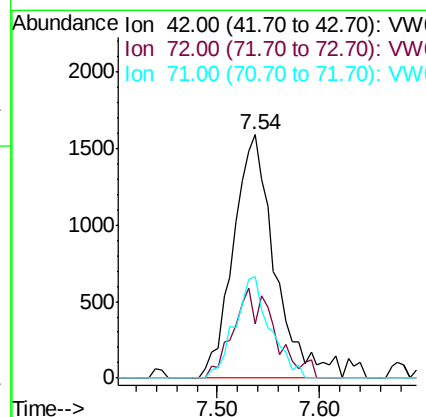
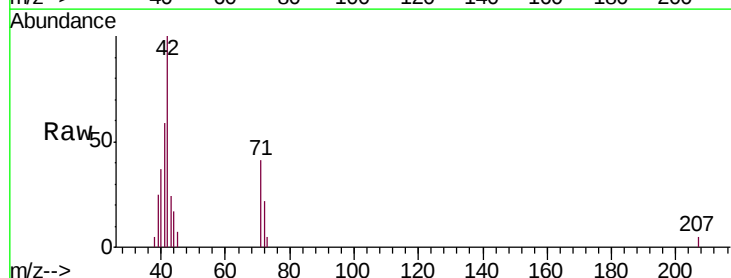
Tgt Ion: 42 Resp: 4495

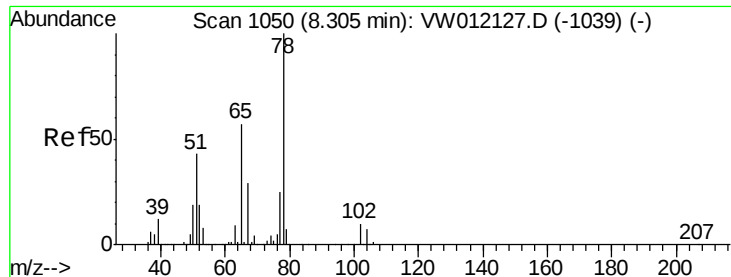
Ion Ratio Lower Upper

42 100

72 19.6 27.3 40.9#

71 35.4 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 51.765 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012284.D

Acq: 29 Aug 2019 05:54

Instrument :

MSVOA_W

ClientSampleId :

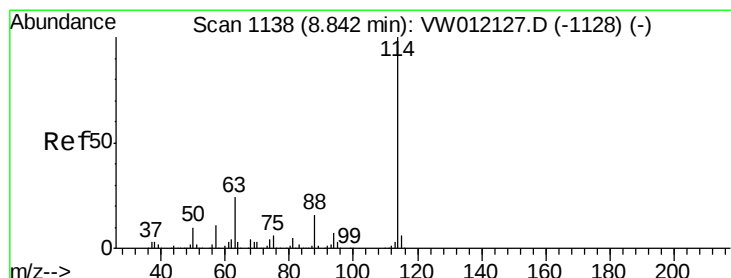
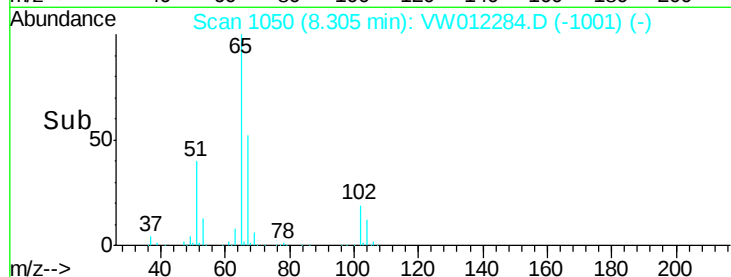
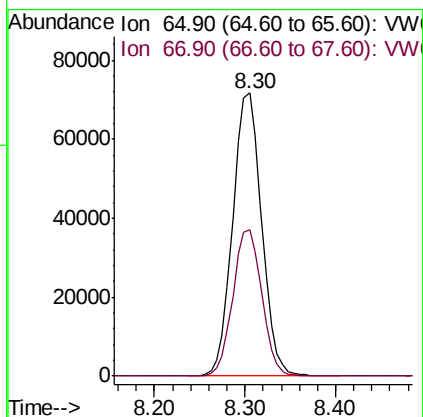
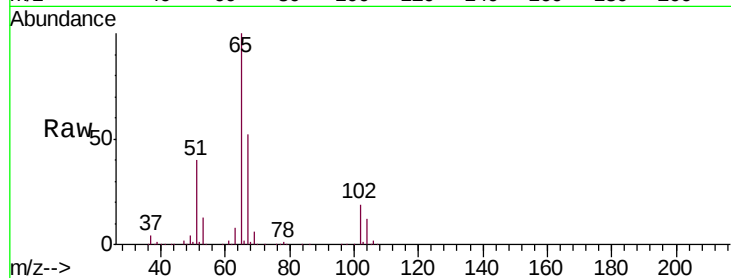
SB-1-15-17

Tgt Ion: 65 Resp: 159143

Ion Ratio Lower Upper

65 100

67 51.9 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: VW012284.D

Acq: 29 Aug 2019 05:54

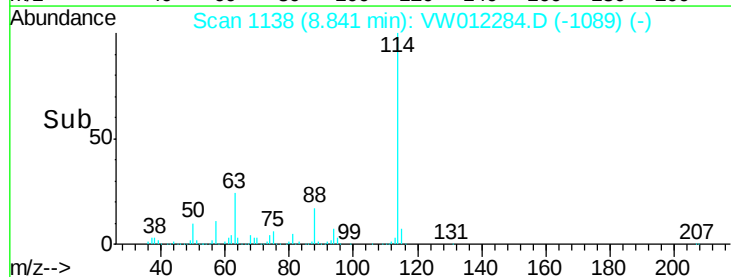
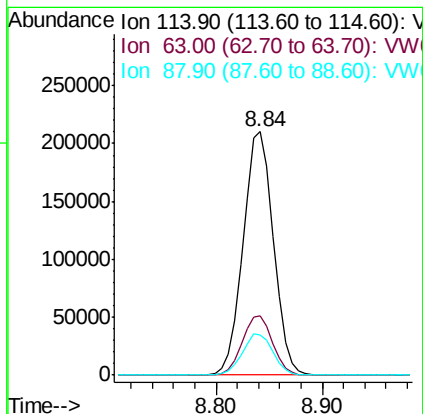
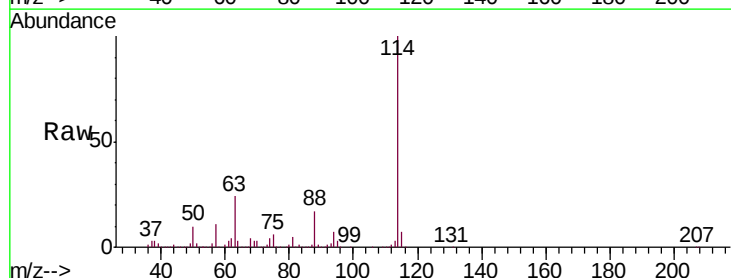
Tgt Ion: 114 Resp: 420790

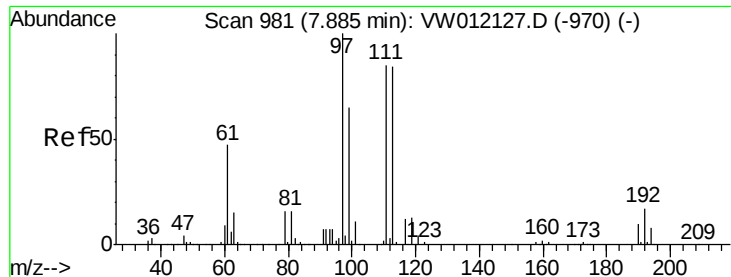
Ion Ratio Lower Upper

114 100

63 24.1 0.0 48.6

88 16.7 0.0 32.2

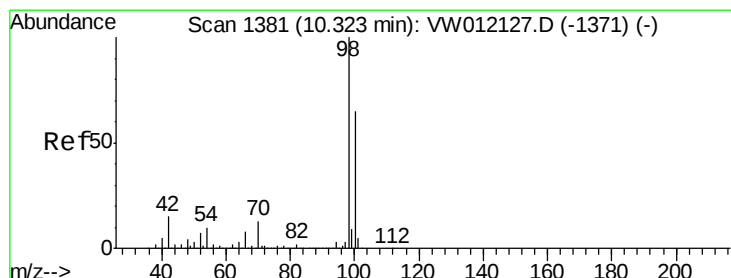
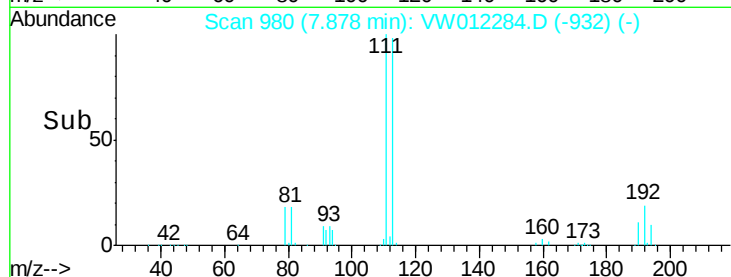
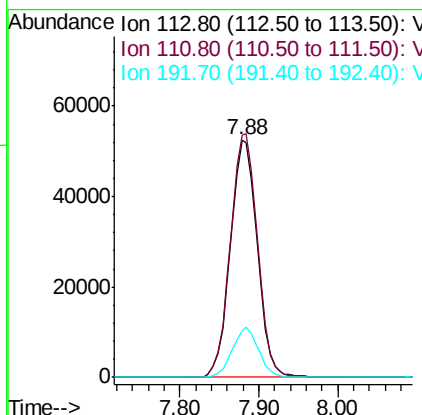
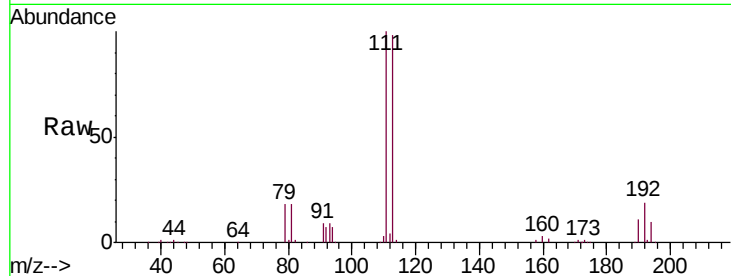




#35
 Dibromofluoromethane
 Concen: 49.595 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012284.D
 Acq: 29 Aug 2019 05:54

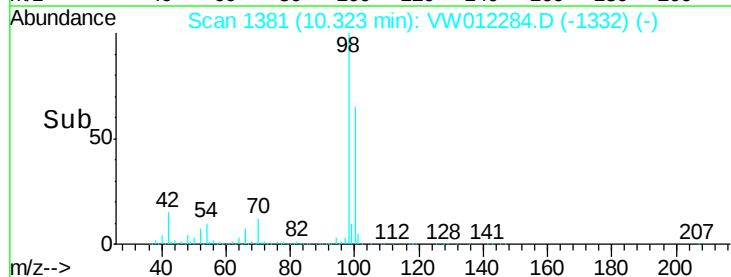
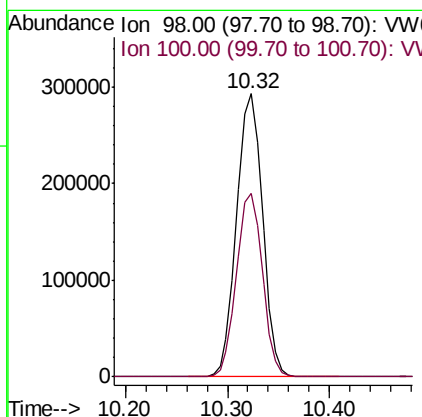
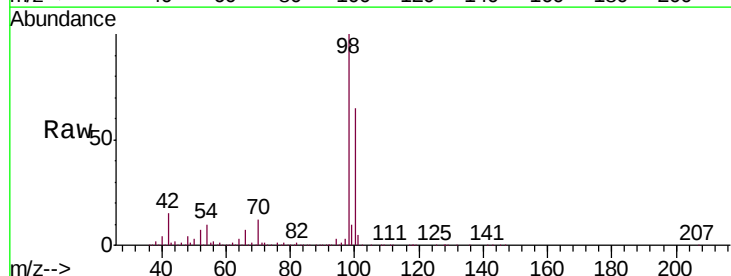
Instrument :
 MSVOA_W
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 SB-1-15-17

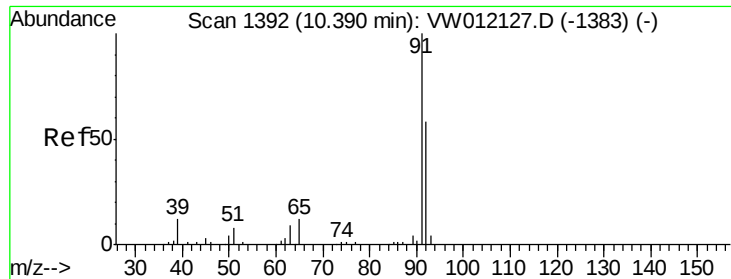
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	20.6	16.2	24.2



#50
 Toluene-d8
 Concen: 50.779 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012284.D
 Acq: 29 Aug 2019 05:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





#52

Toluene

Concen: 3.135 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012284.D

Acq: 29 Aug 2019 05:54

Instrument :

MSVOA_W

ClientSampleId :

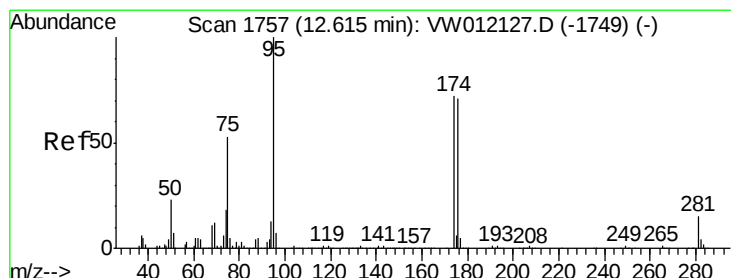
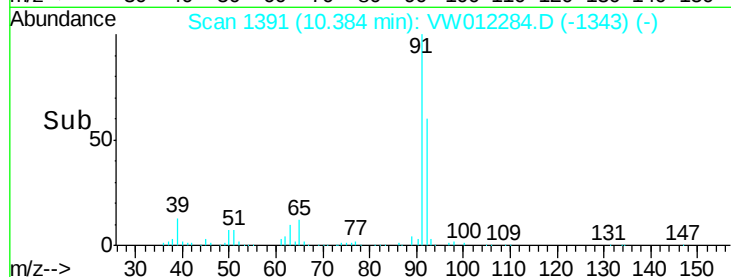
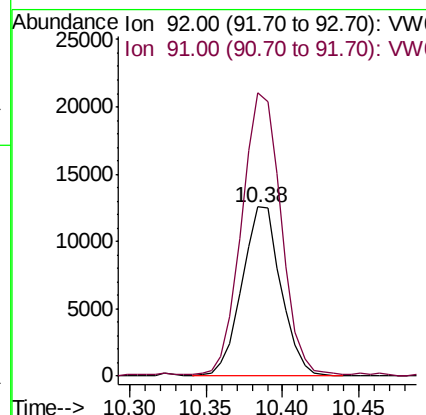
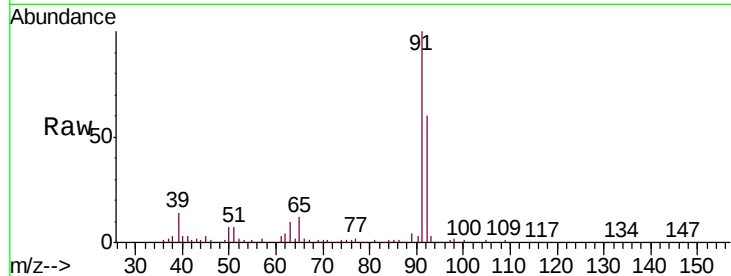
SB-1-15-17

Tgt Ion: 92 Resp: 22359

Ion Ratio Lower Upper

92 100

91 166.2 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 43.311 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012284.D

Acq: 29 Aug 2019 05:54

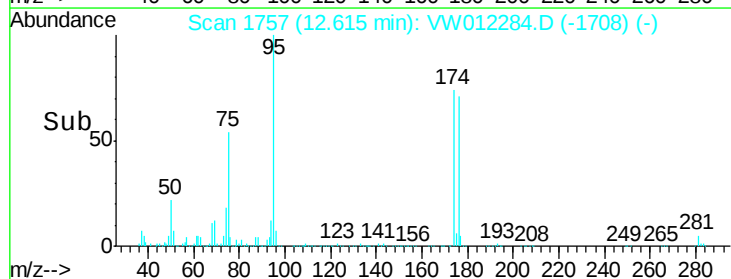
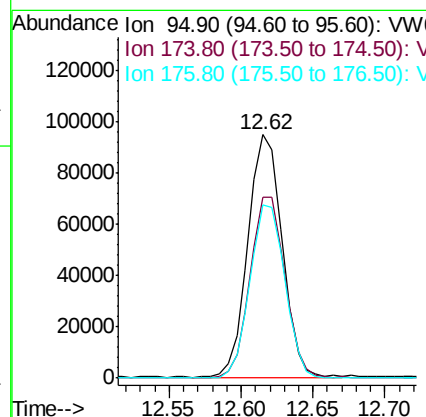
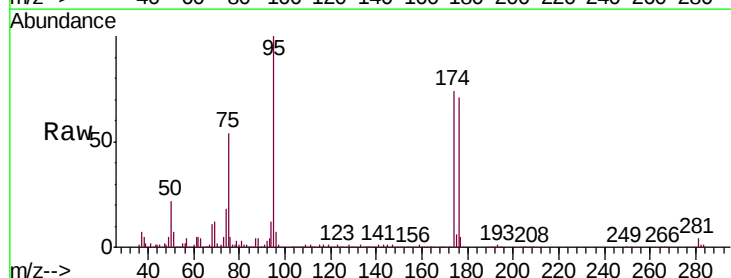
Tgt Ion: 95 Resp: 155483

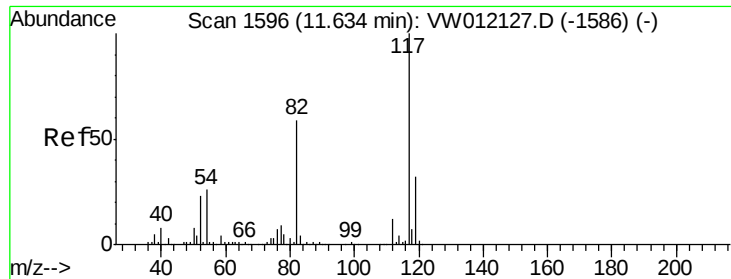
Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.8

176 72.7 0.0 148.6

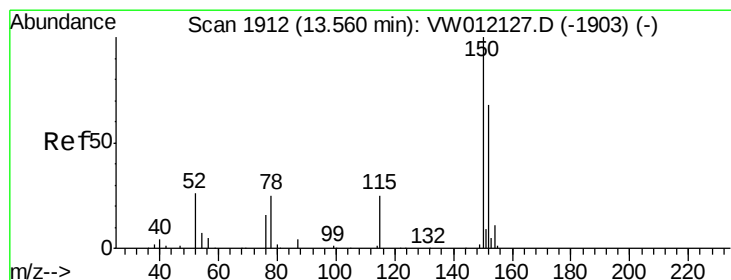
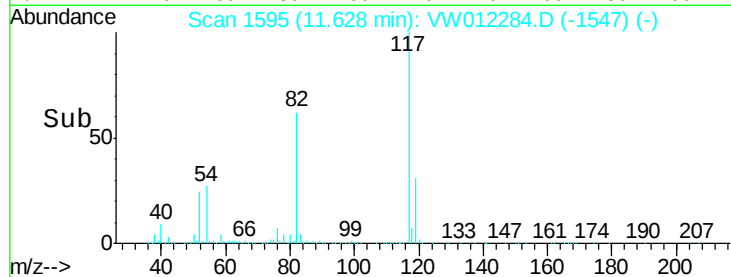
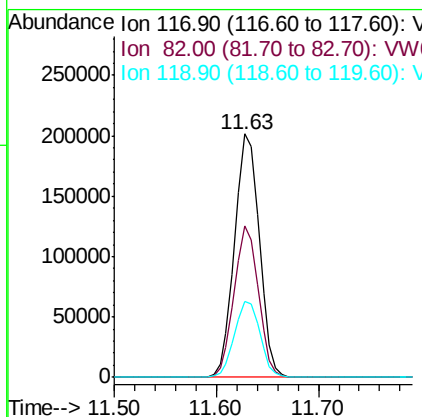
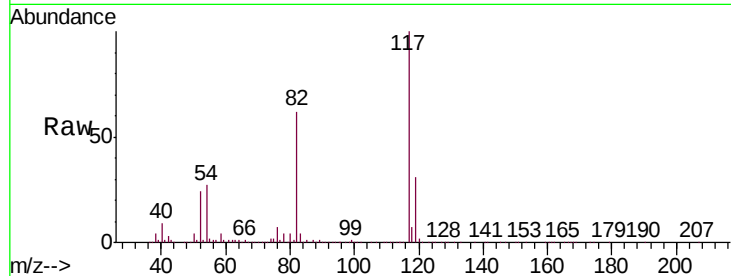




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012284.D
Acq: 29 Aug 2019 05:54

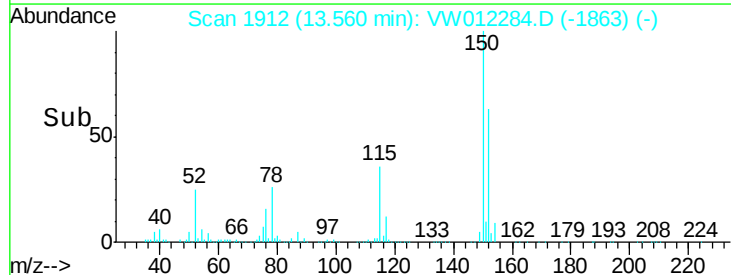
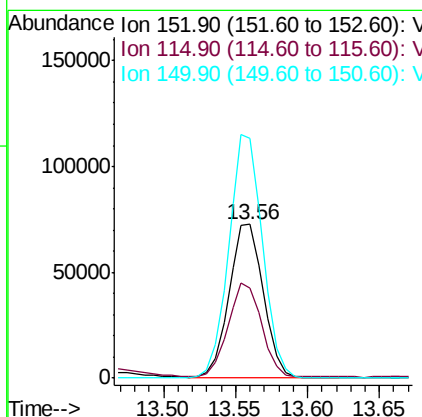
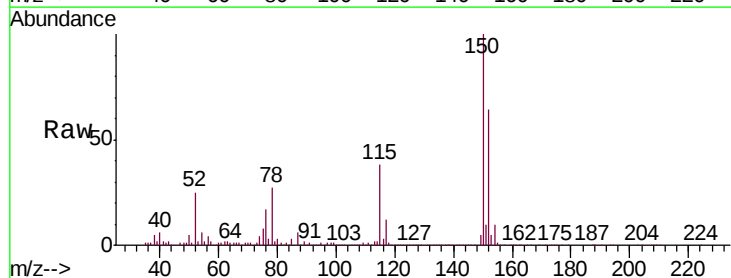
Instrument :
MSVOA_W
ClientSampleId :
SB-1-15-17

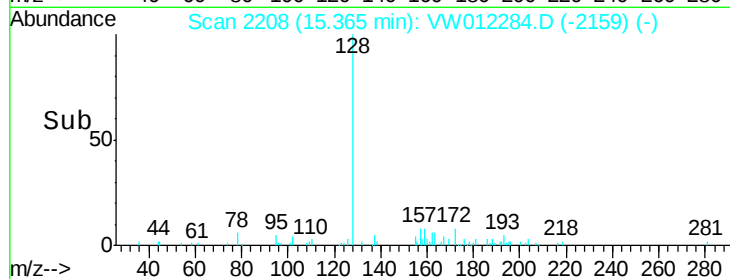
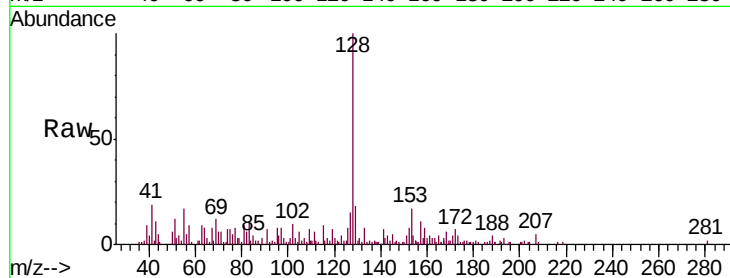
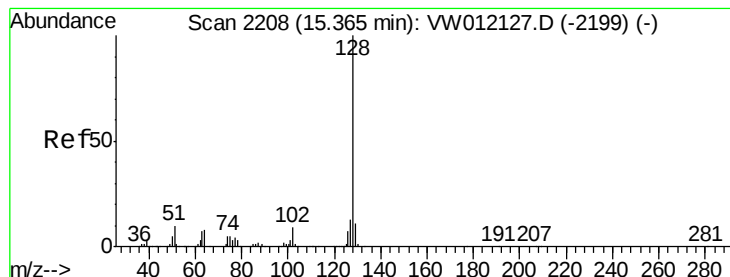
Tgt Ion:117 Resp: 338188
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 31.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012284.D
Acq: 29 Aug 2019 05:54

Tgt Ion:152 Resp: 121034
Ion Ratio Lower Upper
152 100
115 59.7 30.1 90.3
150 155.1 0.0 345.8





#95

Naphthalene

Concen: 8.305 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012284.D

Acq: 29 Aug 2019 05:54

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion:128 Resp: 19910

Ion Ratio Lower Upper

128 100

127 14.7 10.7 16.1

129 13.8 8.7 13.1#

