

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012216.D
 Acq On : 27 Aug 2019 16:52
 Operator : SY/VA
 Sample : K4551-17
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S402-K1-1.0-1.5-082619

Quant Time: Aug 28 06:38:02 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

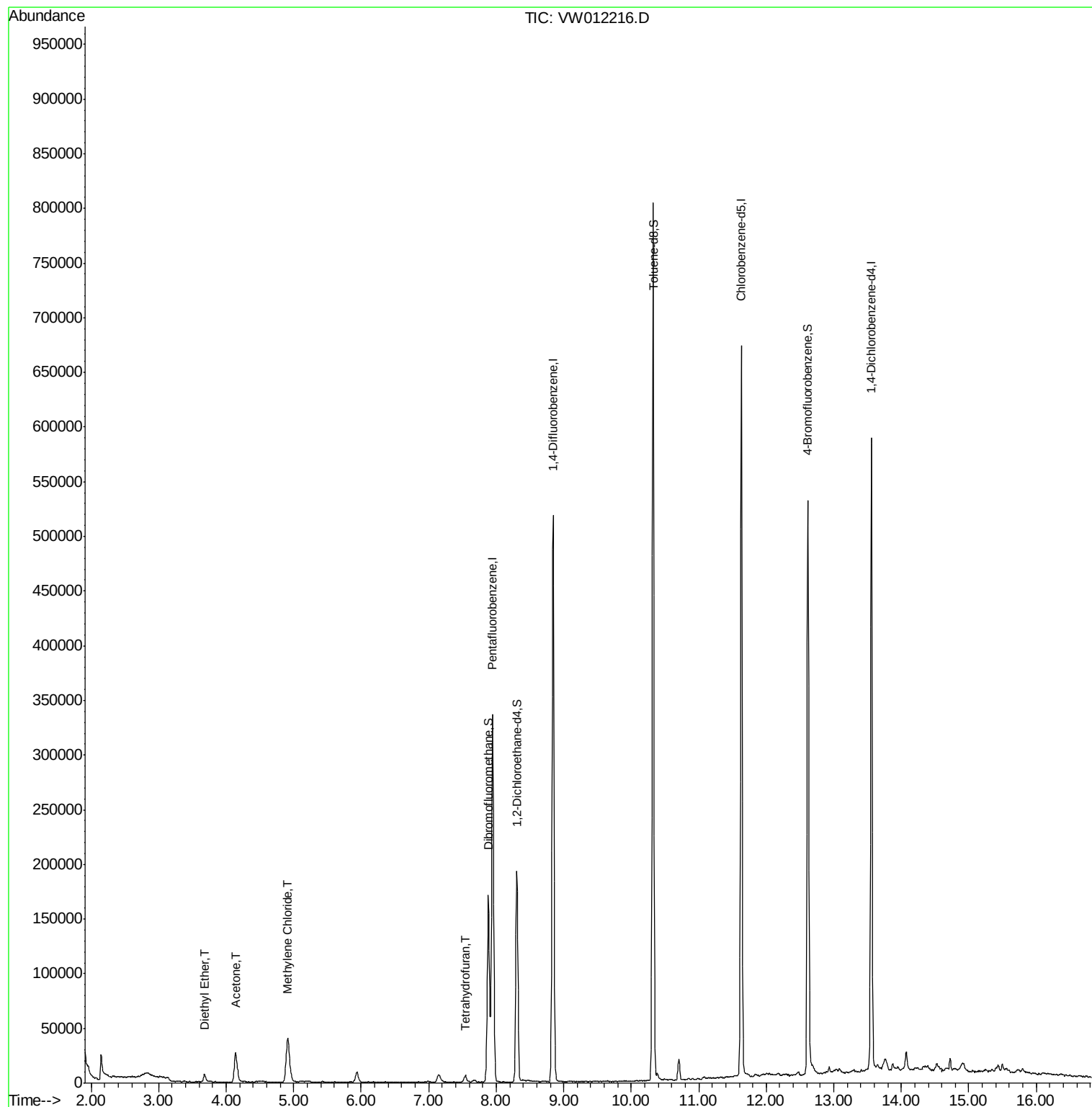
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	348461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152350	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	7.88	113	122514	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.32	98	507361	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.62	95	171253	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
Target Compounds						
8) Diethyl Ether	3.68	74	3141	2.285	ug/l	65
16) Acetone	4.14	43	56416	75.161	ug/l	99
20) Methylene Chloride	4.92	84	31445	11.082	ug/l	98
29) Tetrahydrofuran	7.54	42	5881	9.610	ug/l	99

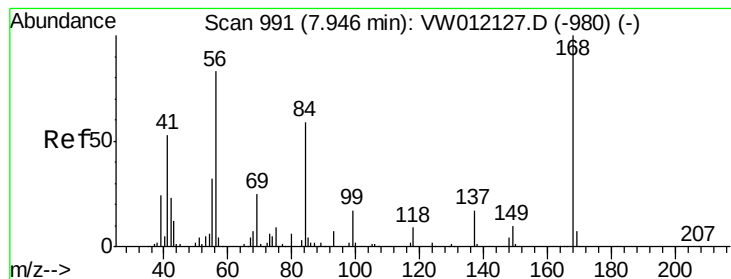
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
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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: VW012216.D

Acq: 27 Aug 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

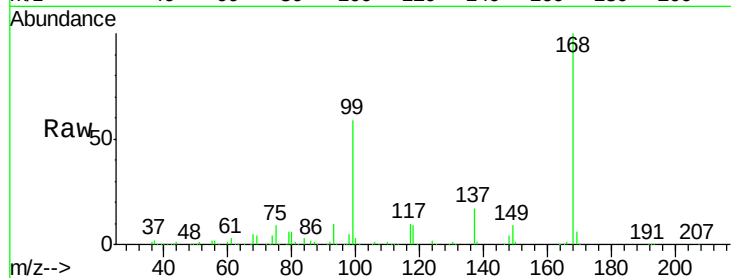
S402-K1-1.0-1.5-082619

Tot Ion:168 Resp: 247014

Ion Ratio Lower Upper

168 100

99 58.8 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

120000

100000

80000

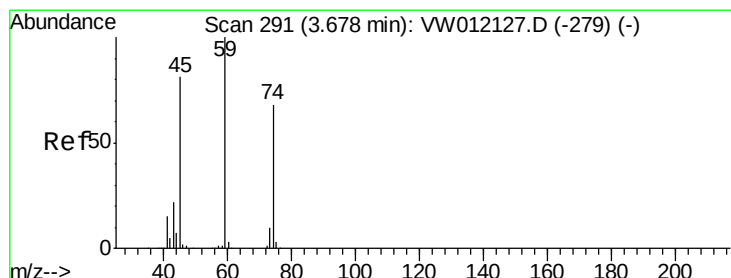
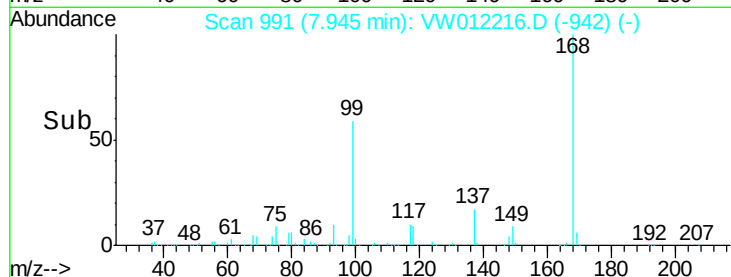
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 2.285 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW012216.D

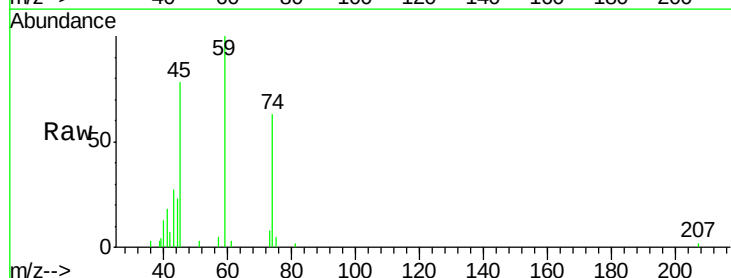
Acq: 27 Aug 2019 16:52

Tgt Ion: 74 Resp: 3141

Ion Ratio Lower Upper

74 100

45 157.5 59.2 177.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

2000

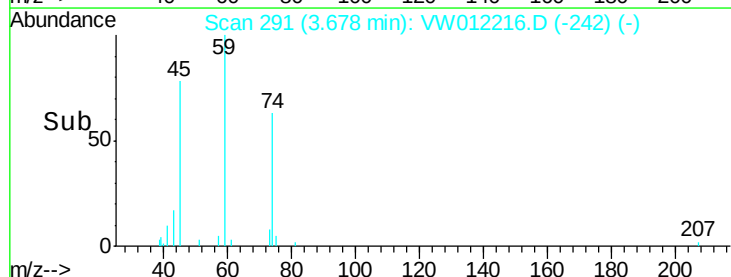
1500

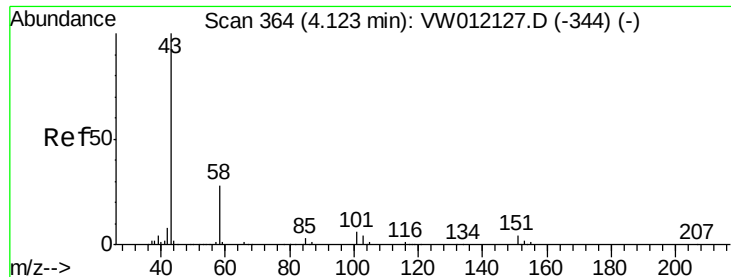
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 75.161 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012216.D

Acq: 27 Aug 2019 16:52

Instrument :

MSVOA_W

ClientSampleId :

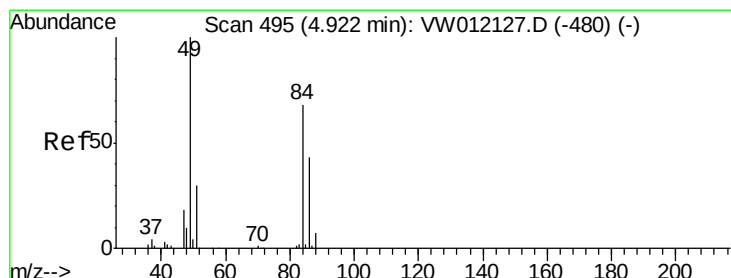
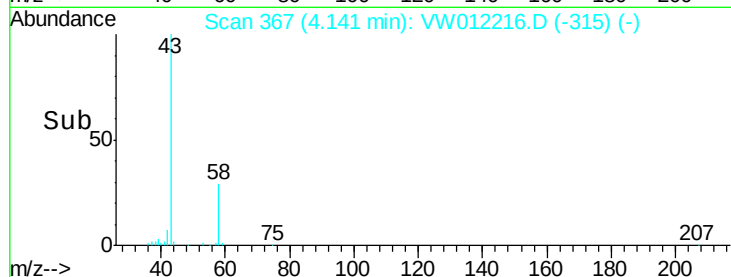
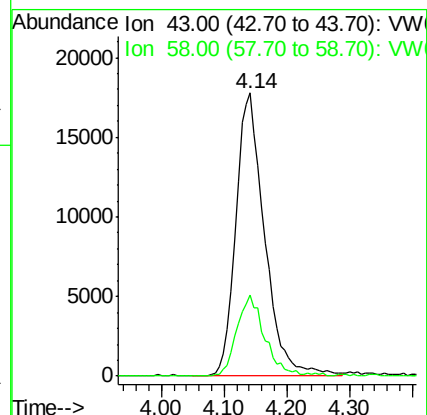
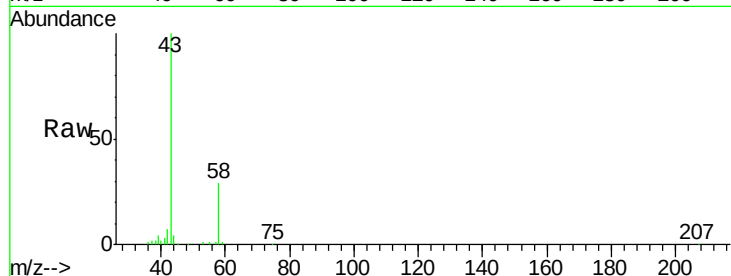
S402-K1-1.0-1.5-082619

Tot Ion: 43 Resp: 56416

Ion Ratio Lower Upper

43 100

58 28.7 22.4 33.6



#20

Methylene Chloride

Concen: 11.082 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012216.D

Acq: 27 Aug 2019 16:52

Tgt Ion: 84 Resp: 31445

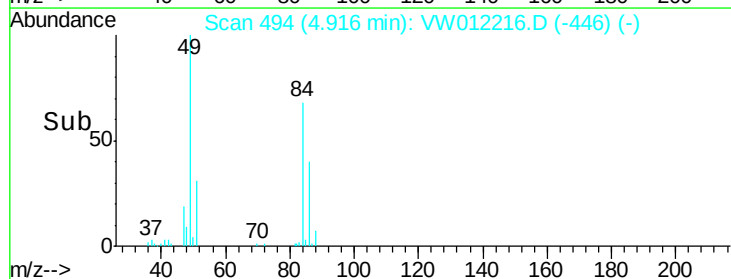
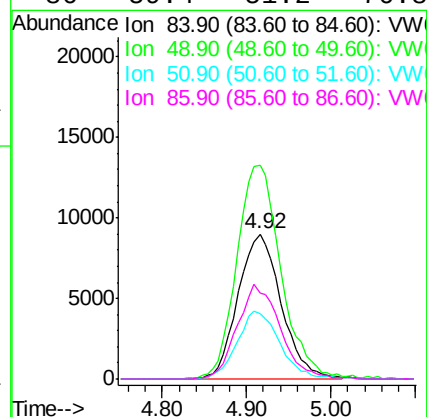
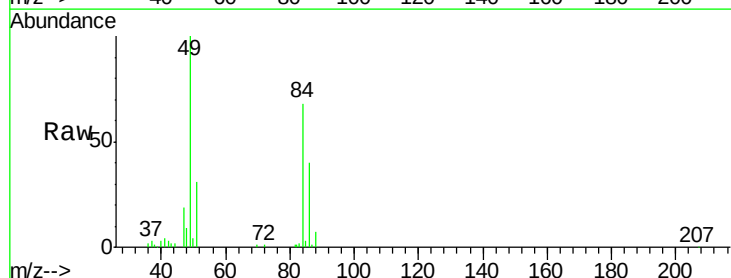
Ion Ratio Lower Upper

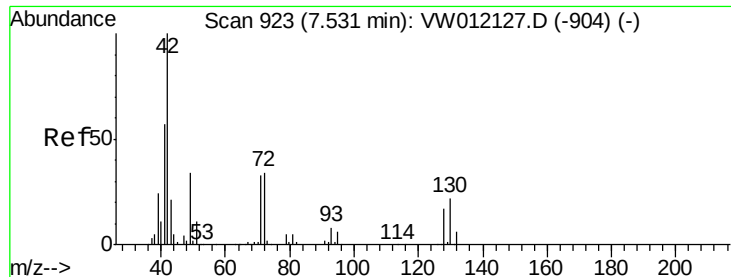
84 100

49 147.0 117.8 176.8

51 45.5 35.6 53.4

86 59.4 51.2 76.8





#29

Tetrahydrofuran

Concen: 9.610 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012216.D

Acq: 27 Aug 2019 16:52

Instrument :

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S402-K1-1.0-1.5-082619

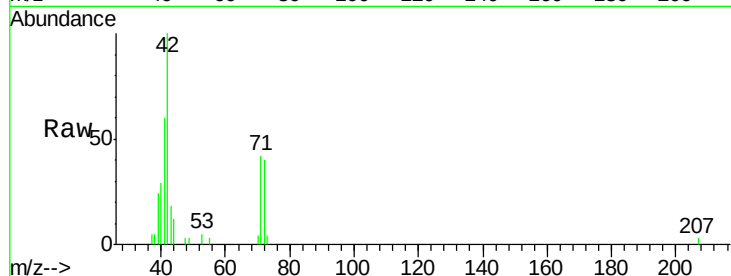
Tot Ion: 42 Resp: 5881

Ion Ratio Lower Upper

42 100

72 33.6 27.3 40.9

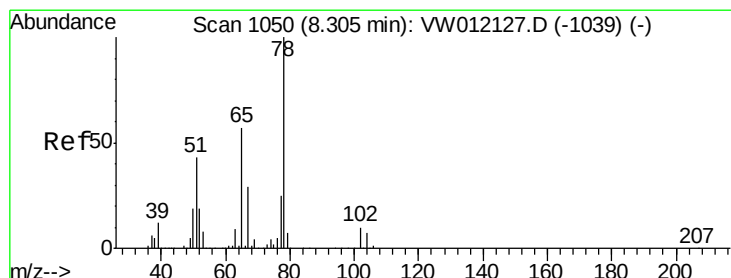
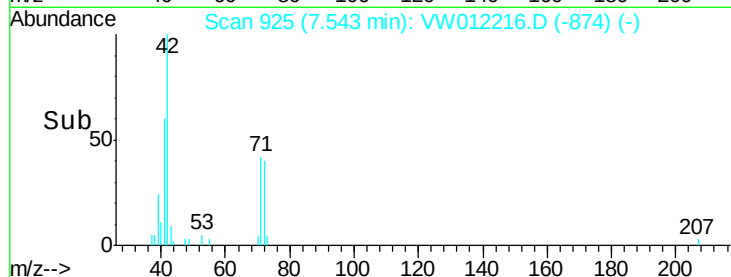
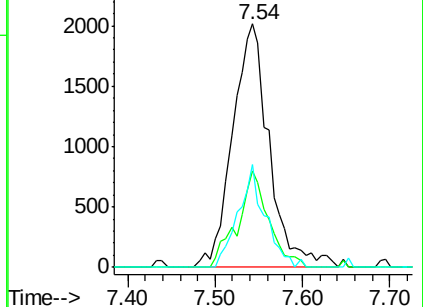
71 31.0 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 51.883 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012216.D

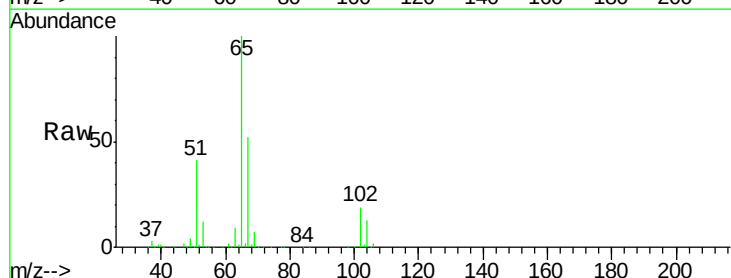
Acq: 27 Aug 2019 16:52

Tgt Ion: 65 Resp: 152350

Ion Ratio Lower Upper

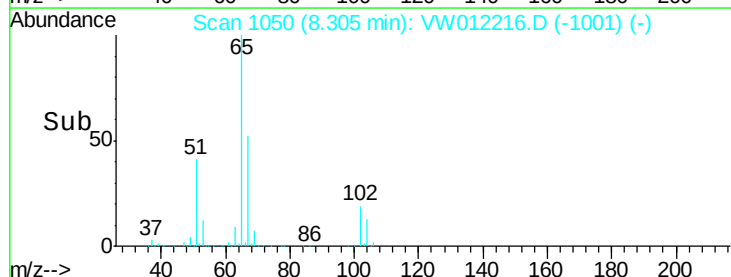
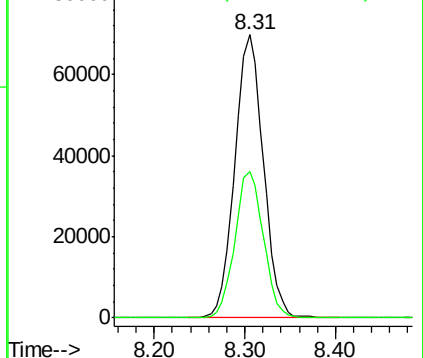
65 100

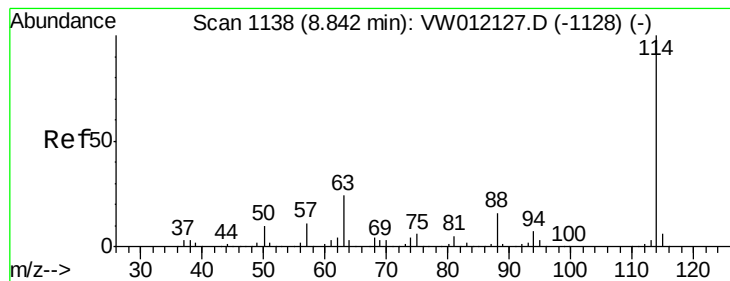
67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012216.D

Acq: 27 Aug 2019 16:52

Instrument :

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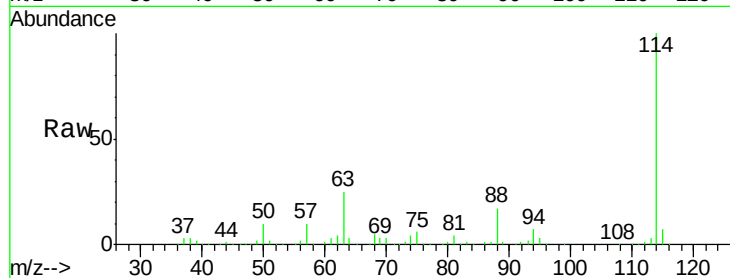
Tot Ion:114 Resp: 412266

Ion Ratio Lower Upper

114 100

63 24.7 0.0 48.6

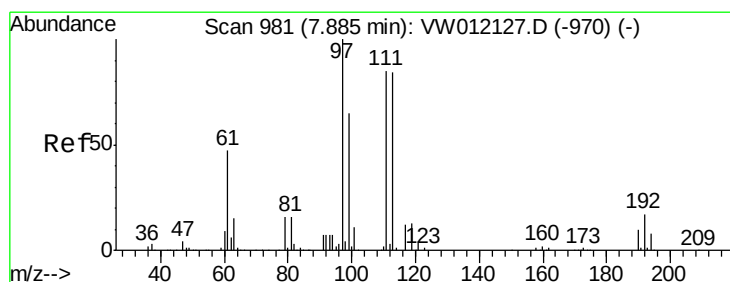
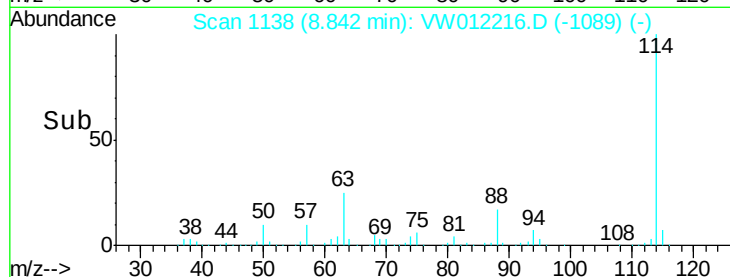
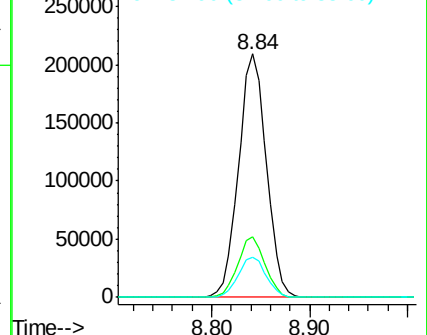
88 16.6 0.0 32.2



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: 49.786 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012216.D

Acq: 27 Aug 2019 16:52

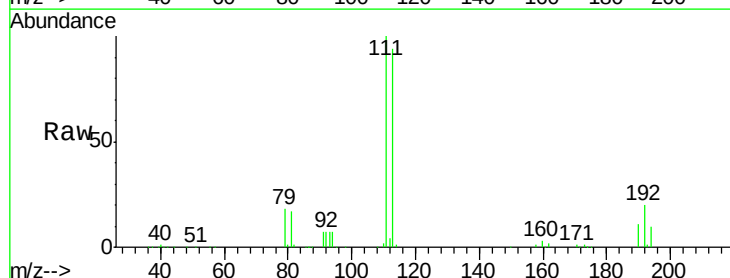
Tgt Ion:113 Resp: 122514

Ion Ratio Lower Upper

113 100

111 104.0 82.7 124.1

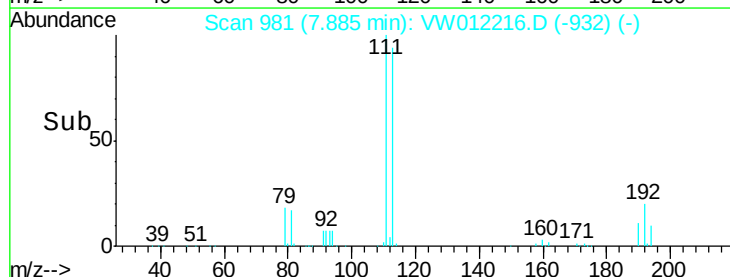
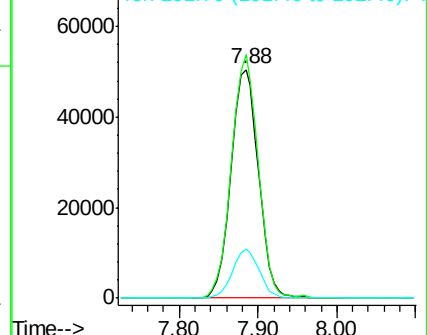
192 20.7 16.2 24.2

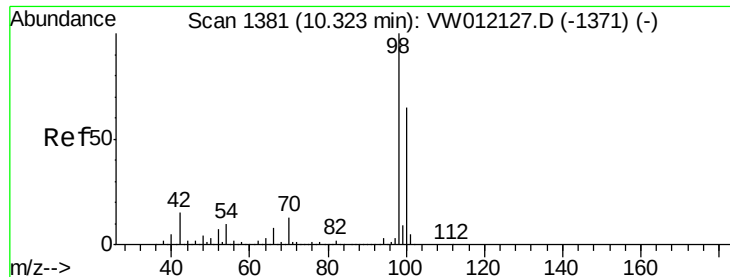


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

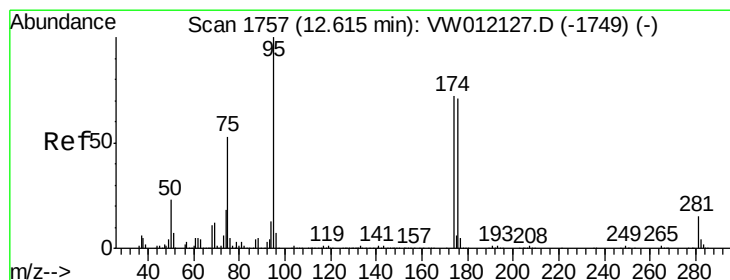
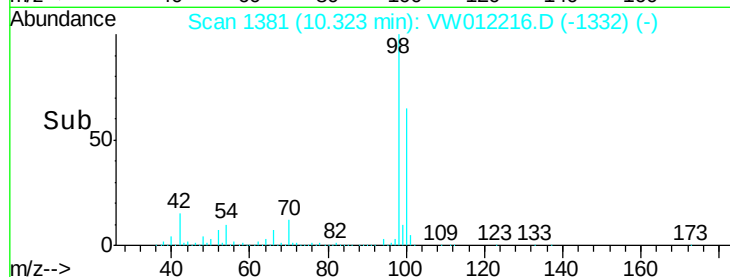
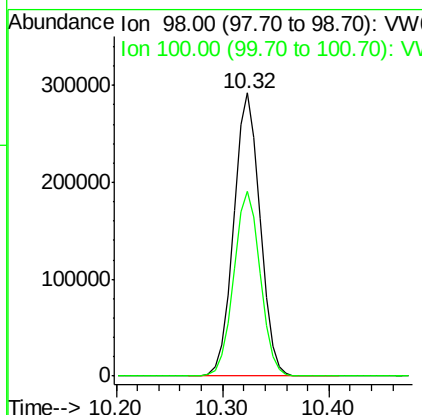
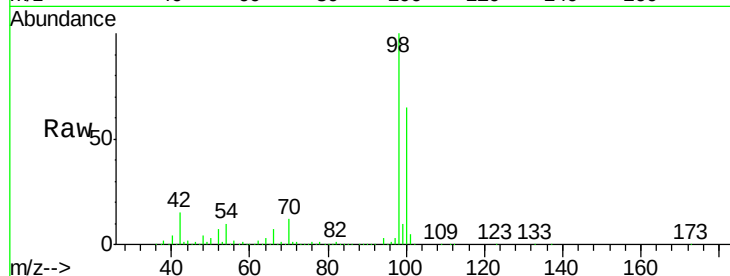




#50
Toluene-d8
Concen: 50.848 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012216.D
Acq: 27 Aug 2019 16:52

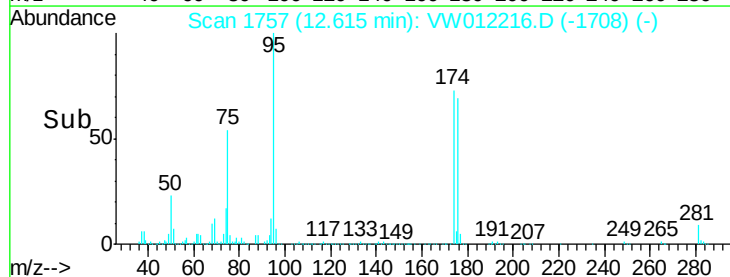
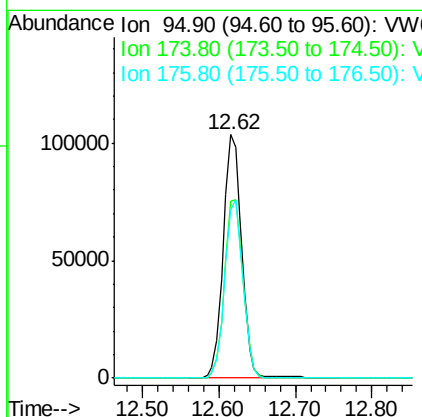
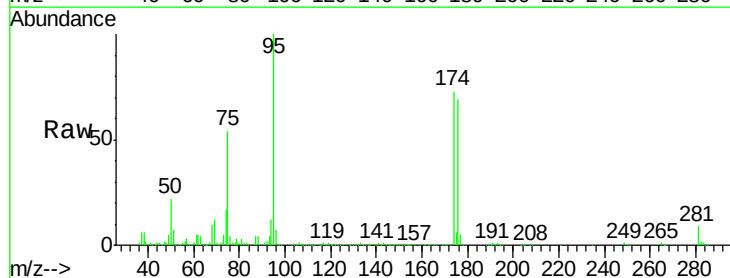
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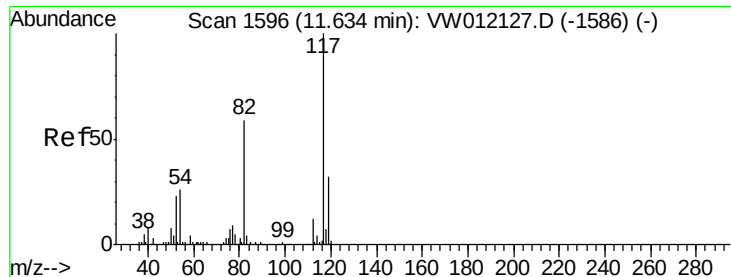
Tot Ion: 98 Resp: 507361
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.690 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012216.D
Acq: 27 Aug 2019 16:52

Tgt Ion: 95 Resp: 171253
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.8
176 72.5 0.0 148.6

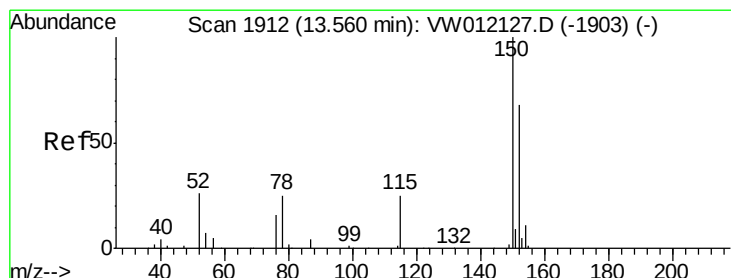
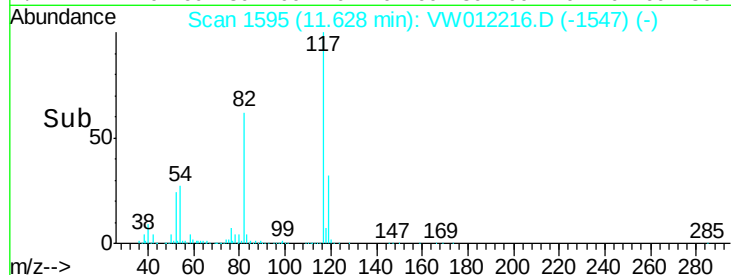
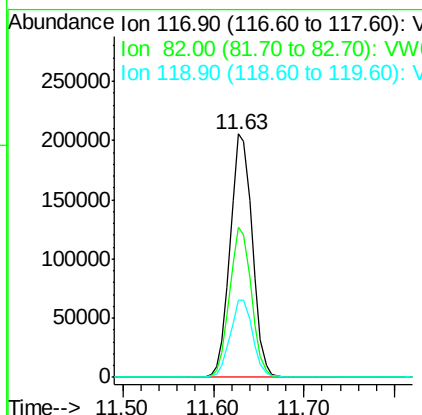
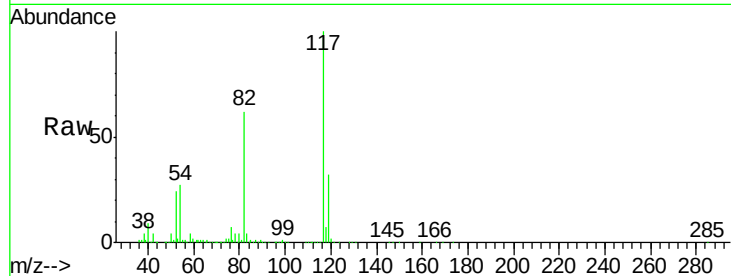




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012216.D
Acq: 27 Aug 2019 16:52

Instrument :
MSVOA_W
ClientSampleId :
S402-K1-1.0-1.5-082619

Tot Ion:117 Resp: 348461
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 31.7 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: VW012216.D
Acq: 27 Aug 2019 16:52

Tgt Ion:152 Resp: 145424
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.3
150 157.4 0.0 345.8

