

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011677.D
 Acq On : 03 Aug 2019 20:05
 Operator : SY/VA
 Sample : K4152-19
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-E3-(30)

Quant Time: Aug 04 02:30:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

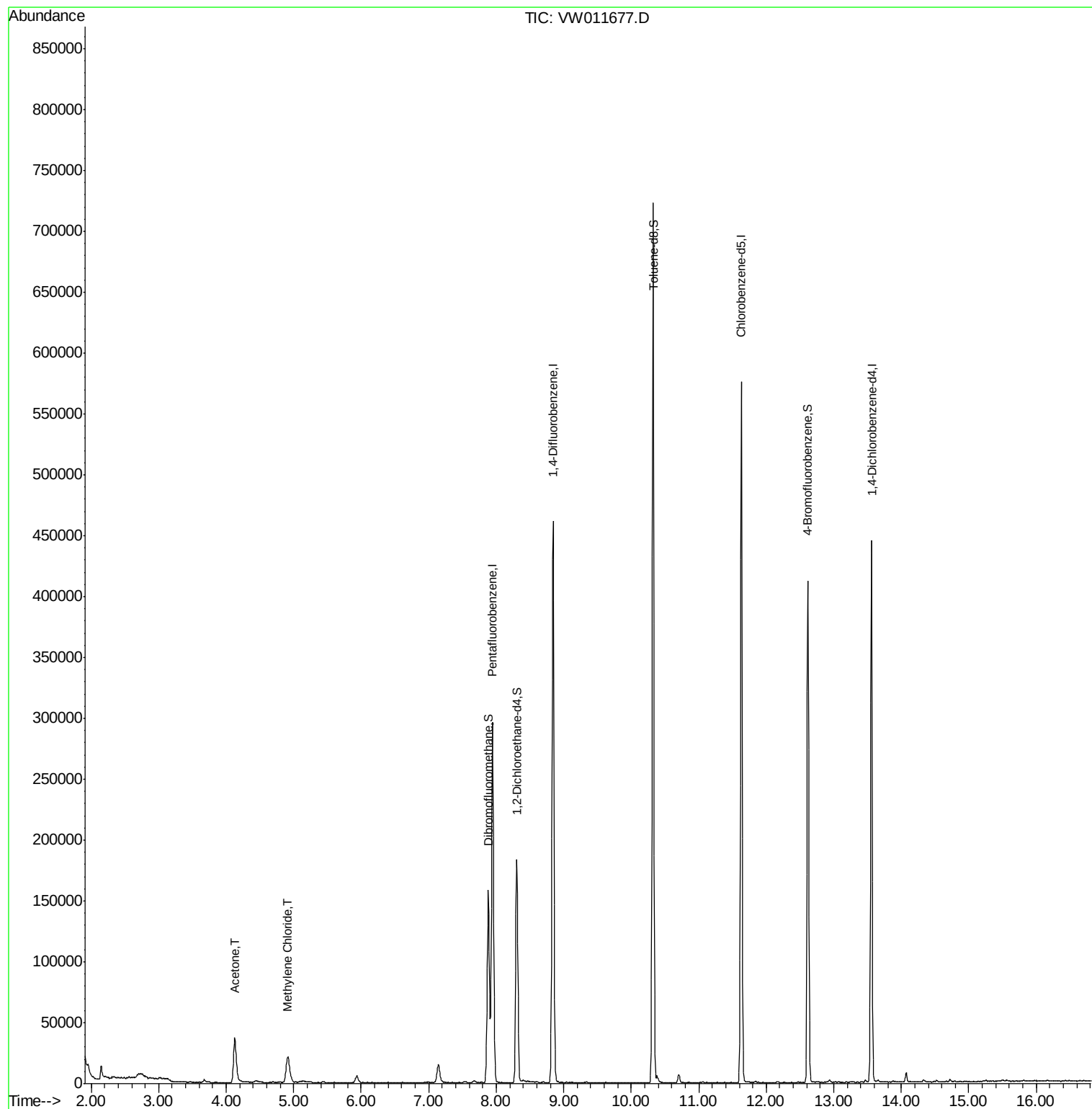
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143668	58.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.60%	
35) Dibromofluoromethane	7.88	113	112226	55.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.30%	
50) Toluene-d8	10.32	98	445434	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.62	95	135517	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
16) Acetone	4.13	43	71920	92.539	ug/l	98
20) Methylene Chloride	4.91	84	17185	6.411	ug/l	96

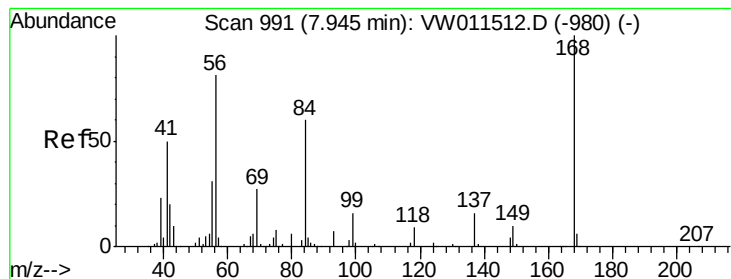
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011677.D

Acq: 03 Aug 2019 20:05

Instrument :

MSVOA_W

ClientSampleId :

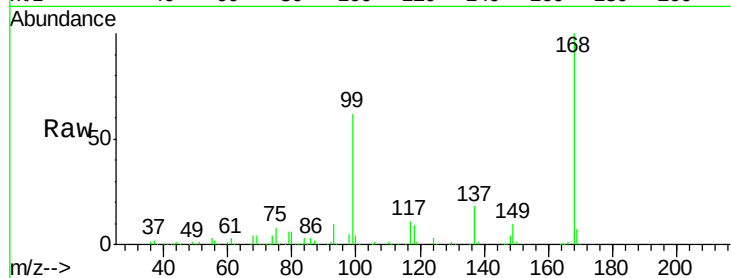
2S-E3-(30)

Tot Ion:168 Resp: 212774

Ion Ratio Lower Upper

168 100

99 61.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

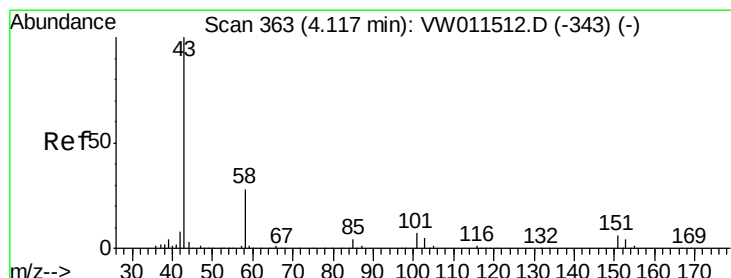
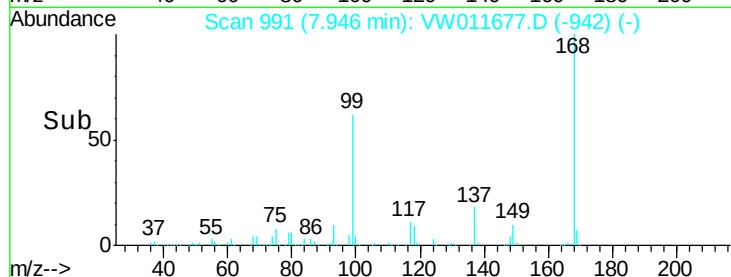
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 92.539 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011677.D

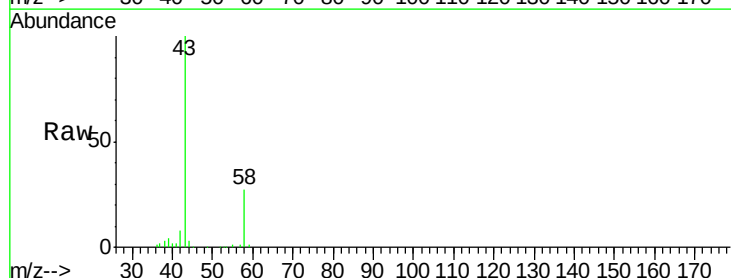
Acq: 03 Aug 2019 20:05

Tgt Ion: 43 Resp: 71920

Ion Ratio Lower Upper

43 100

58 27.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

25000

20000

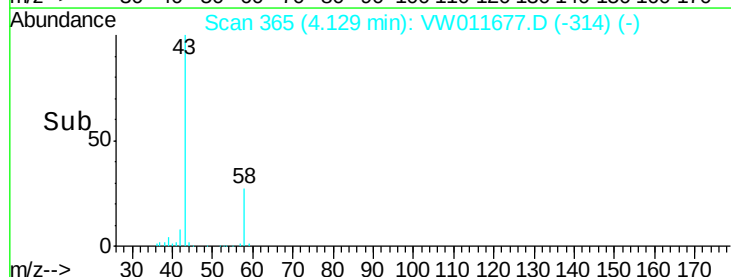
15000

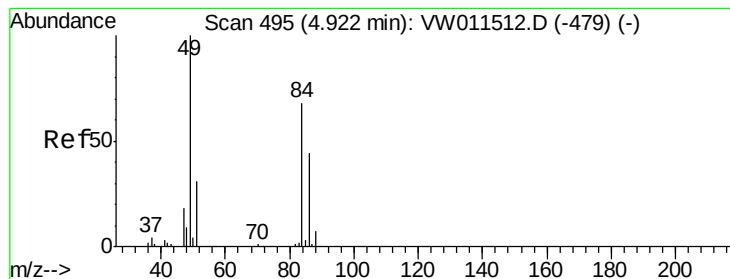
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 6.411 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011677.D

Acq: 03 Aug 2019 20:05

Instrument :
MSVOA_W
ClientSampleId :
2S-E3-(30)

Tot Ion: 84 Resp: 17185

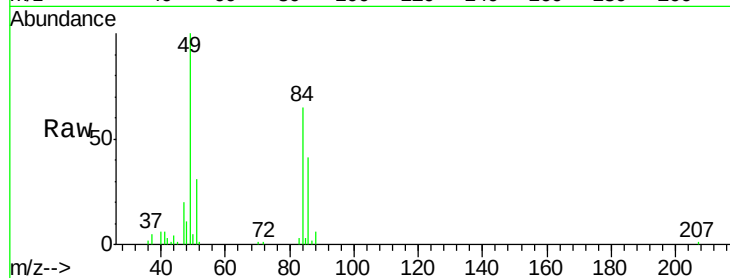
Ion Ratio Lower Upper

84 100

49 153.4 117.8 176.6

51 47.8 37.0 55.4

86 63.5 51.8 77.8

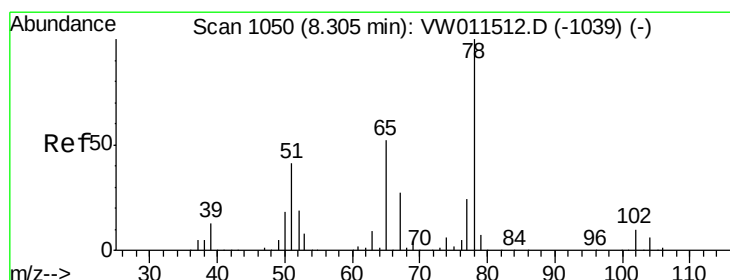
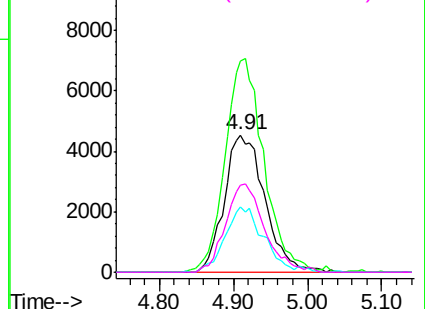
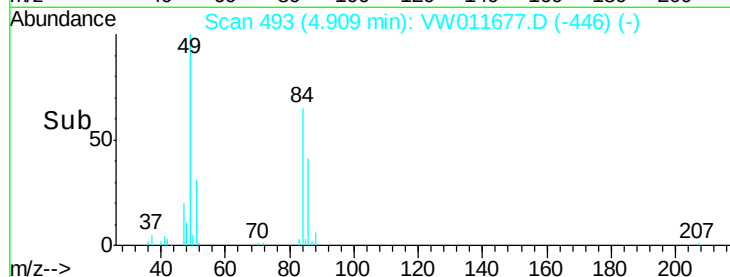


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 58.802 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011677.D

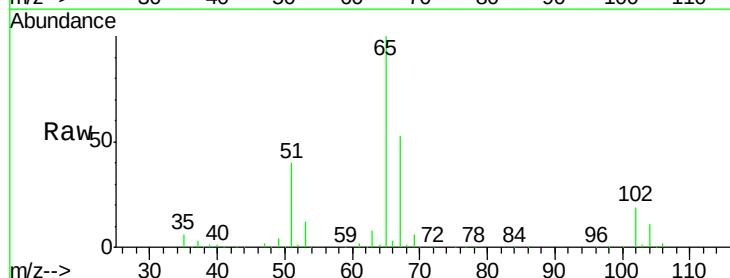
Acq: 03 Aug 2019 20:05

Tgt Ion: 65 Resp: 143668

Ion Ratio Lower Upper

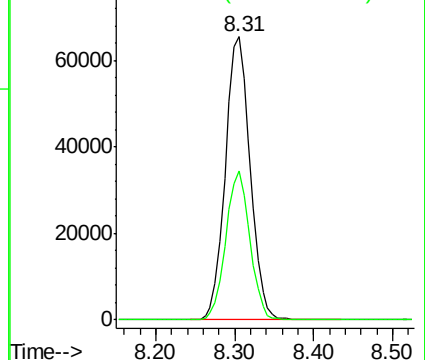
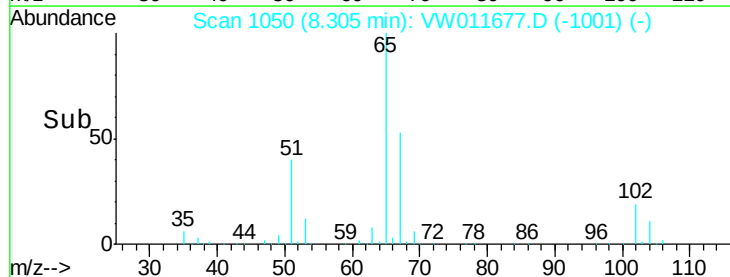
65 100

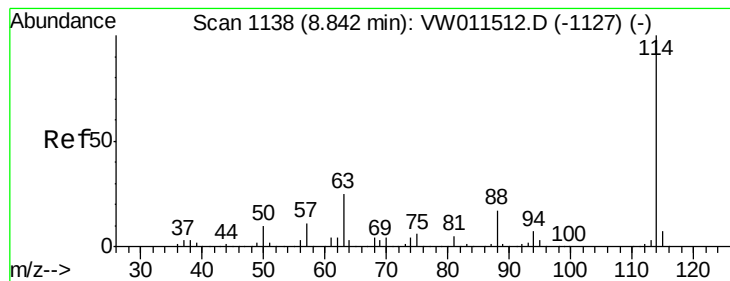
67 51.1 0.0 105.2



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: VW011677.D

Acq: 03 Aug 2019 20:05

Instrument :

MSVOA_W

ClientSampleId :

2S-E3-(30)

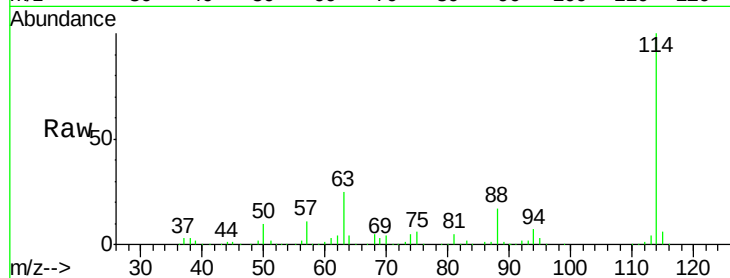
Tot Ion:114 Resp: 359474

Ion Ratio Lower Upper

114 100

63 24.9 0.0 49.2

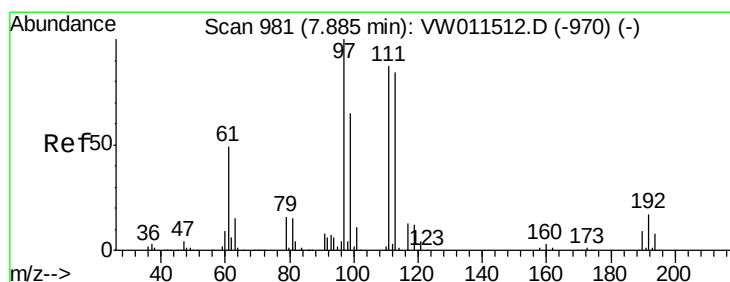
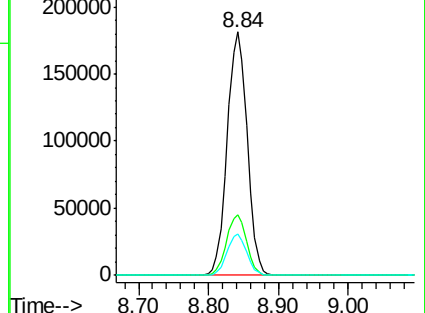
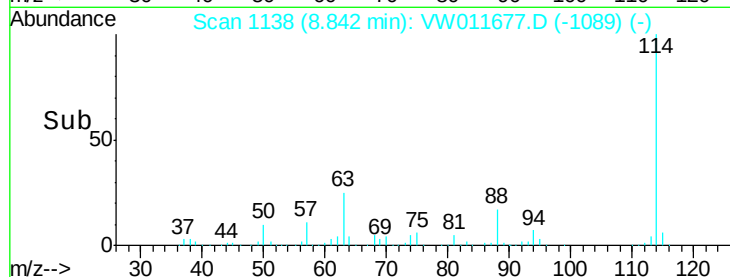
88 17.2 0.0 33.8



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: 55.648 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011677.D

Acq: 03 Aug 2019 20:05

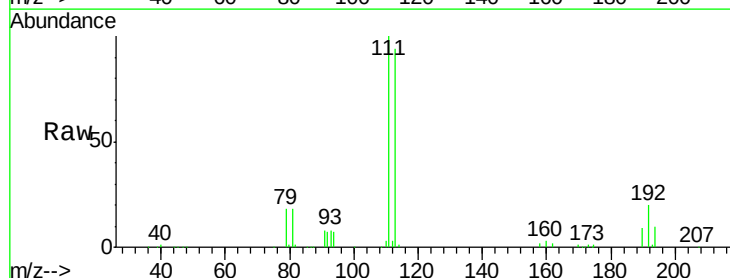
Tgt Ion:113 Resp: 112226

Ion Ratio Lower Upper

113 100

111 103.7 82.7 124.1

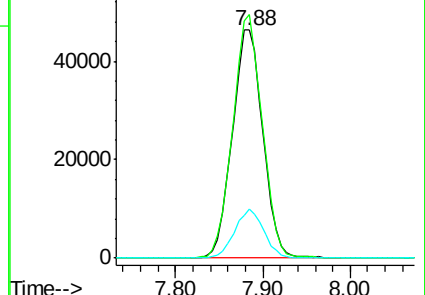
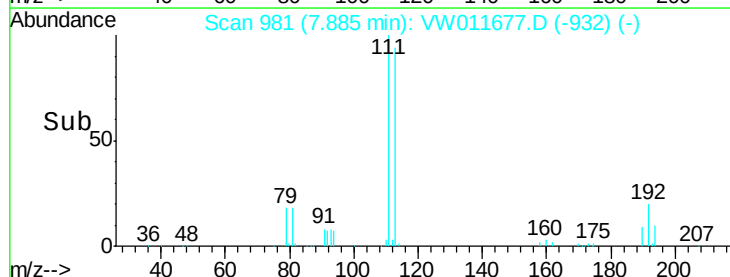
192 20.4 16.1 24.1

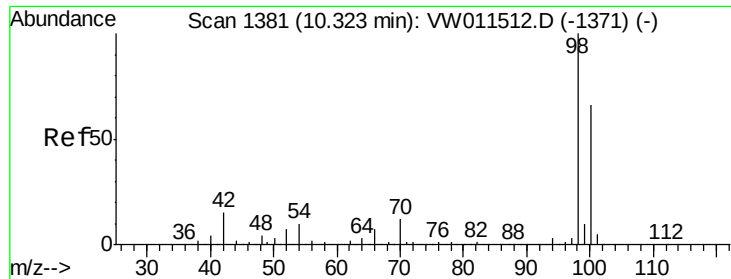


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

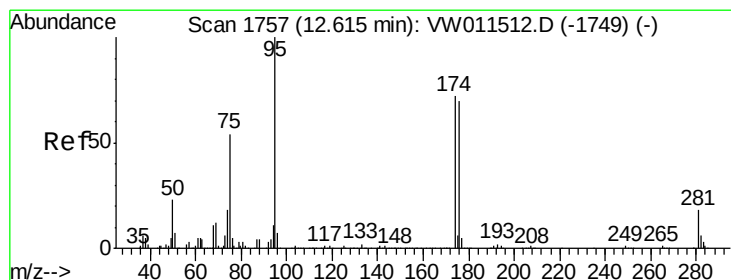
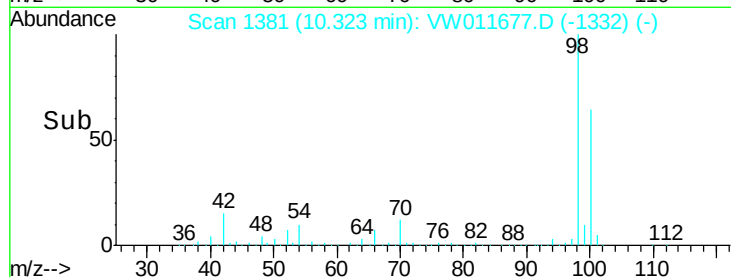
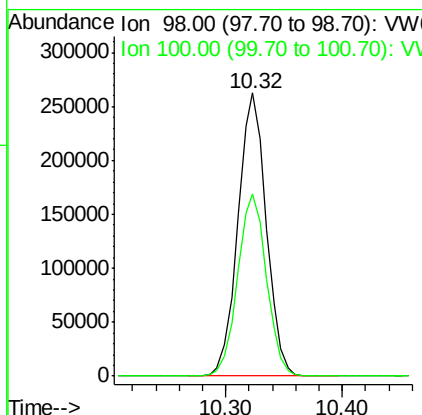
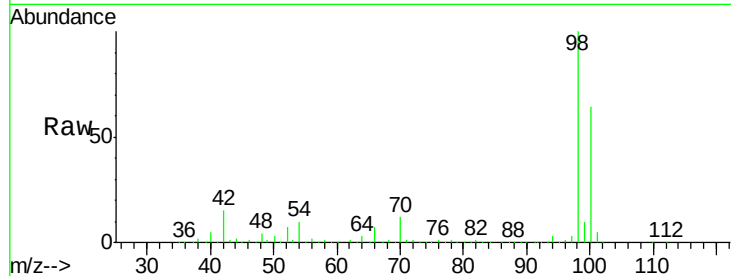




#50
Toluene-d8
Concen: 53.946 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011677.D
Acq: 03 Aug 2019 20:05

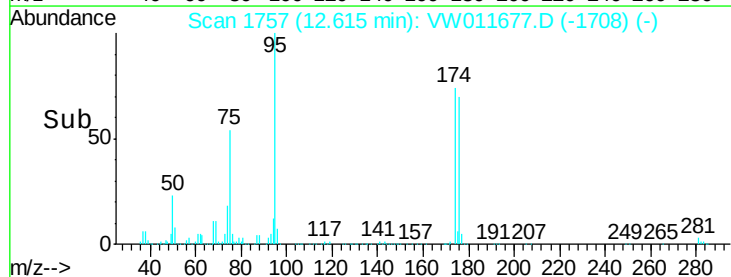
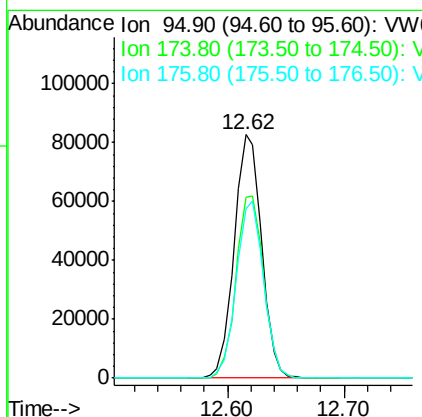
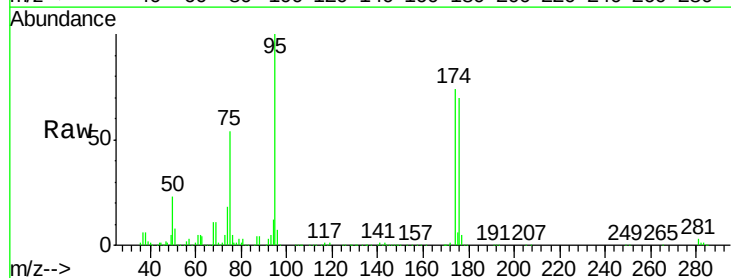
Instrument :
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2S-E3-(30)

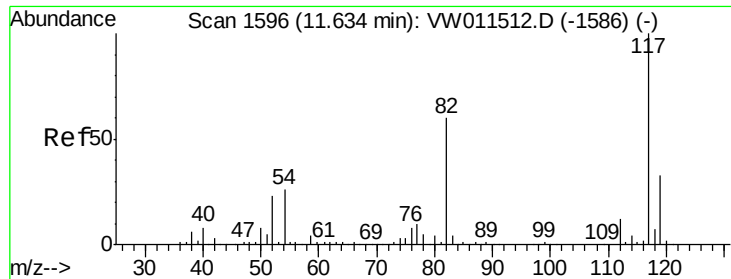
Tot Ion: 98 Resp: 445434
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.035 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011677.D
Acq: 03 Aug 2019 20:05

Tgt Ion: 95 Resp: 135517
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.2
176 72.7 0.0 144.4

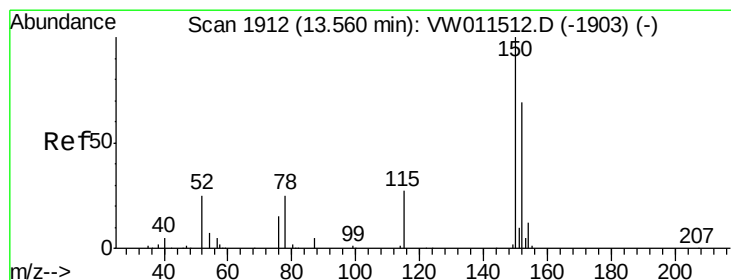
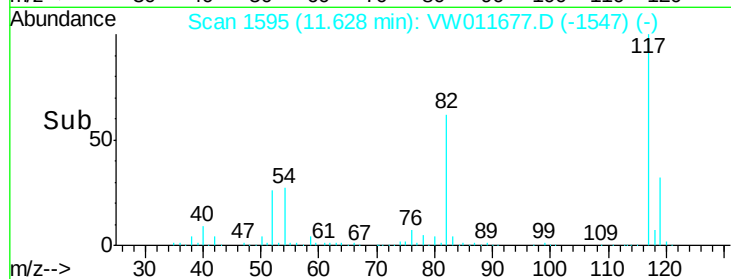
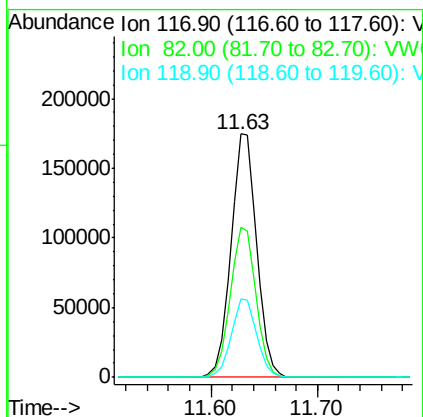
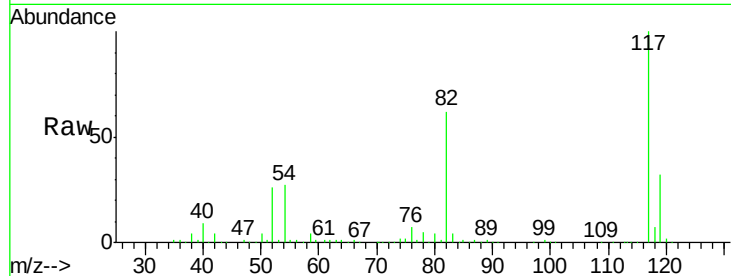




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011677.D
Acq: 03 Aug 2019 20:05

Instrument :
MSVOA_W
ClientSampleId :
2S-E3-(30)

Tot Ion:117 Resp: 295810
Ion Ratio Lower Upper
117 100
82 61.8 47.9 71.9
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011677.D
Acq: 03 Aug 2019 20:05

Tgt Ion:152 Resp: 110394
Ion Ratio Lower Upper
152 100
115 60.8 30.5 91.5
150 159.9 0.0 352.6

