

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011870.D
 Acq On : 13 Aug 2019 00:45
 Operator : SY/VA
 Sample : K4229-15
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2S-A3-(0)

Quant Time: Aug 13 09:44:22 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

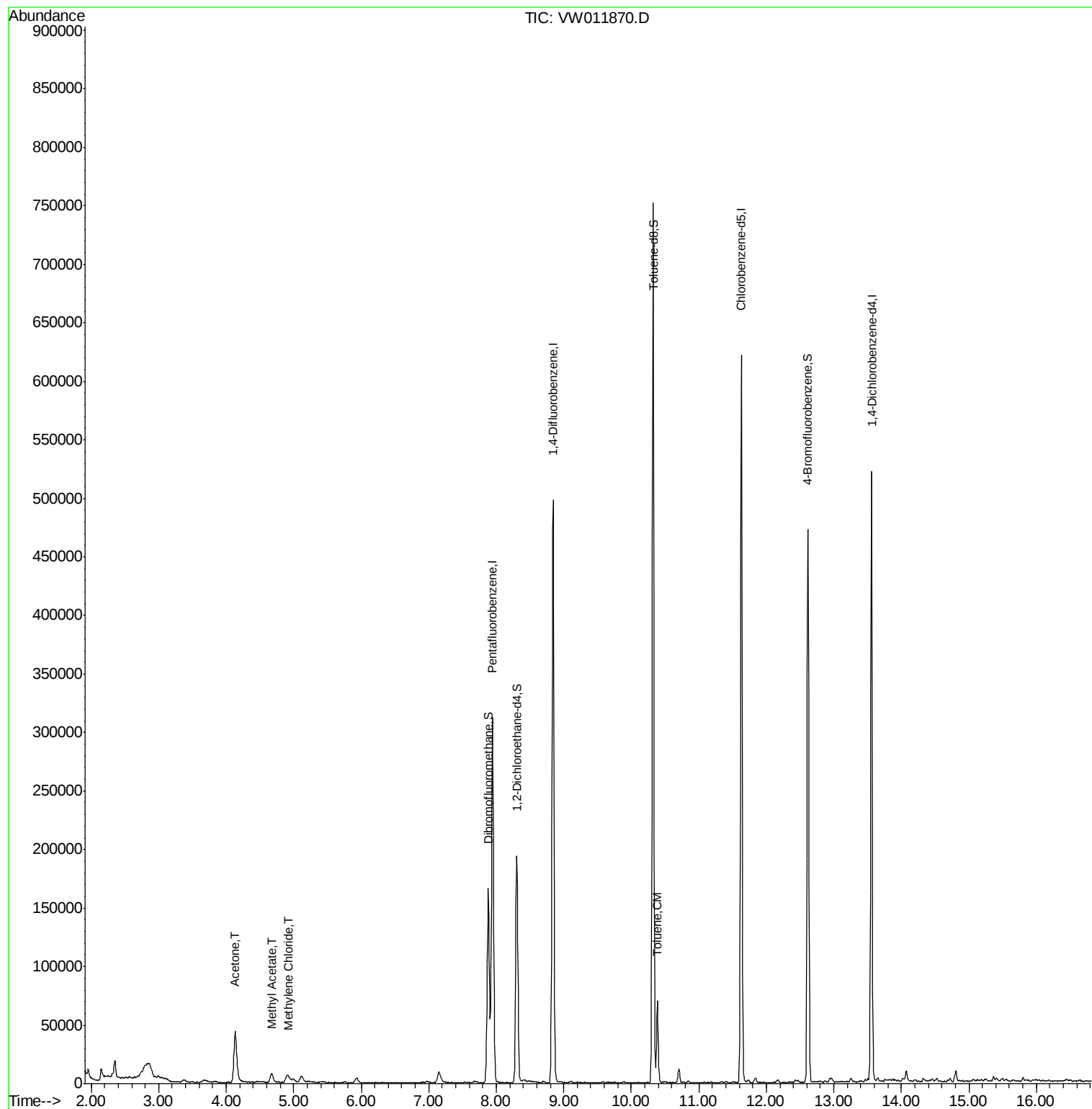
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	153651	59.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.64%	
35) Dibromofluoromethane	7.88	113	118676	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
50) Toluene-d8	10.32	98	468098	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.62	95	150028	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
Target Compounds						
16) Acetone	4.13	43	87483	107.075	ug/l	98
18) Methyl Acetate	4.68	43	16175	8.813	ug/l	97
20) Methylene Chloride	4.91	84	4492	1.594	ug/l	97
52) Toluene	10.39	92	28604	4.294	ug/l	99

(#) = 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

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Acq: 13 Aug 2019 00:45

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MSVOA_W

ClientSampleId :

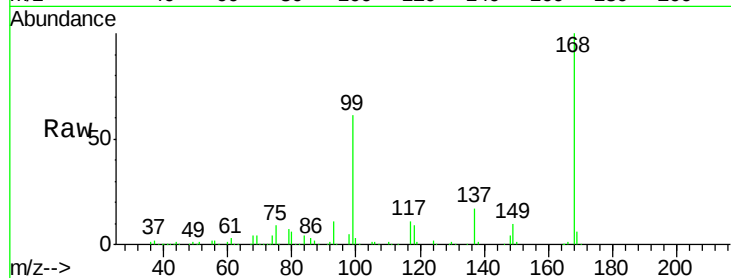
2S-A3-(0)

Tot Ion:168 Resp: 223681

Ion Ratio Lower Upper

168 100

99 61.1 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

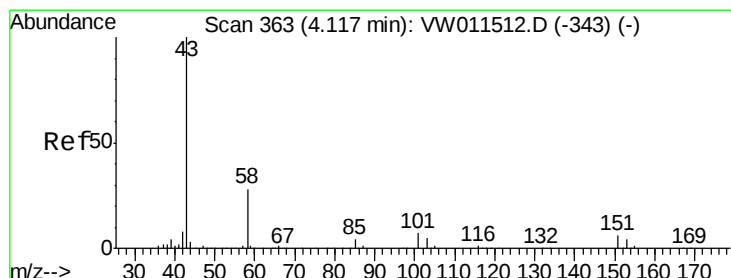
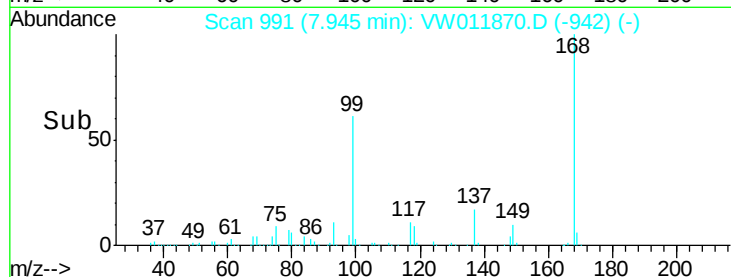
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 107.075 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011870.D

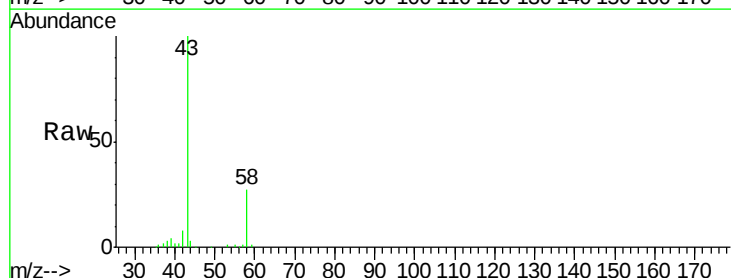
Acq: 13 Aug 2019 00:45

Tgt Ion: 43 Resp: 87483

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

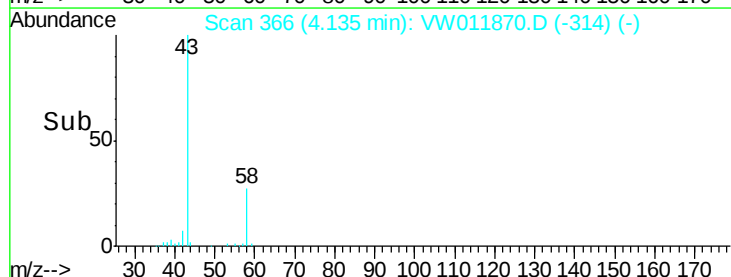
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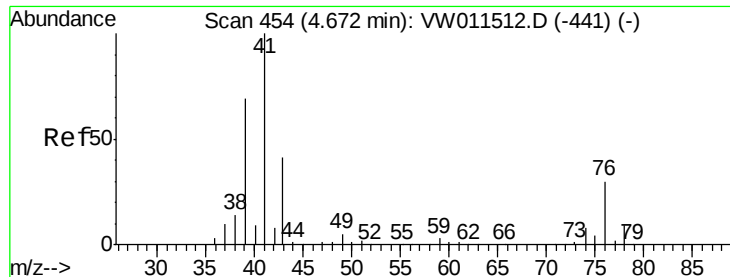
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10000

0

Time-->

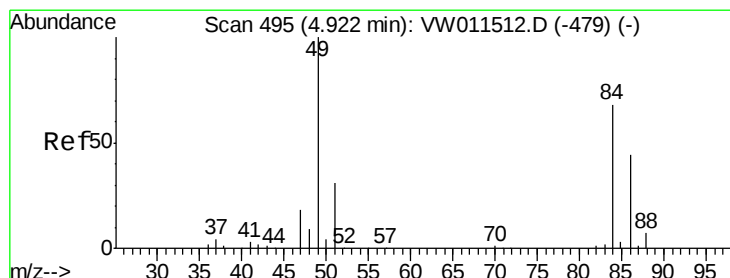
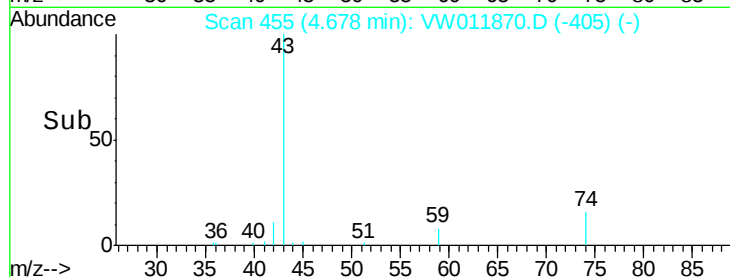
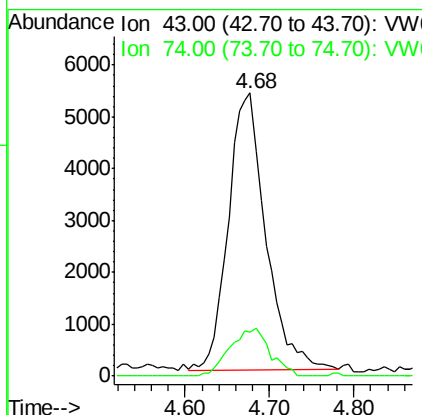
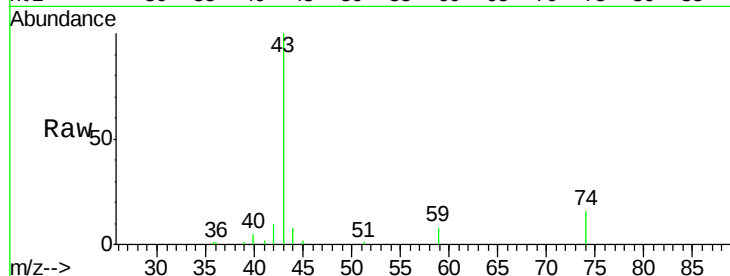




#18
Methyl Acetate
Concen: 8.813 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW011870.D
Acq: 13 Aug 2019 00:45

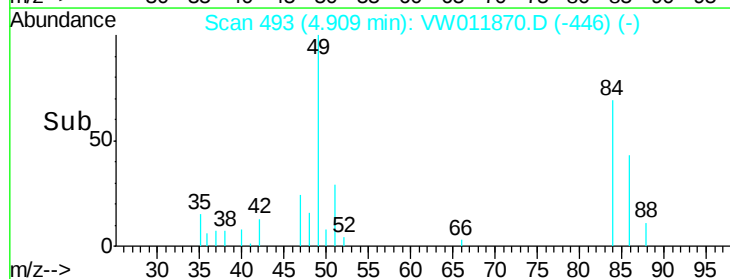
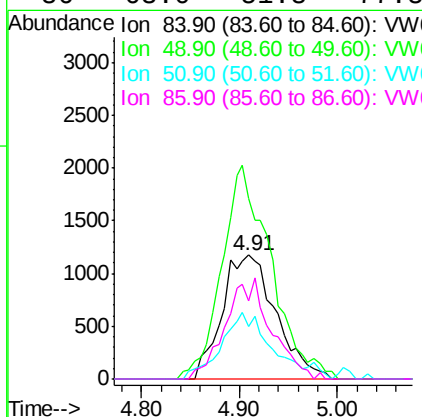
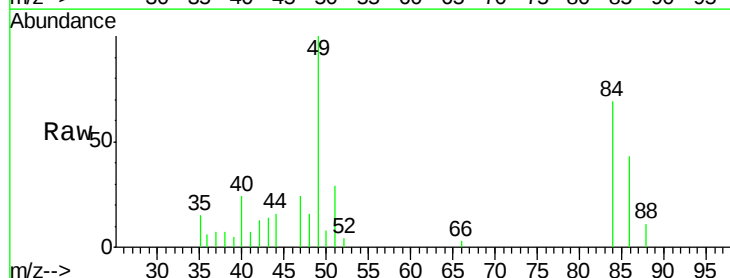
Instrument :
MSVOA_W
ClientSampleId :
2S-A3-(0)

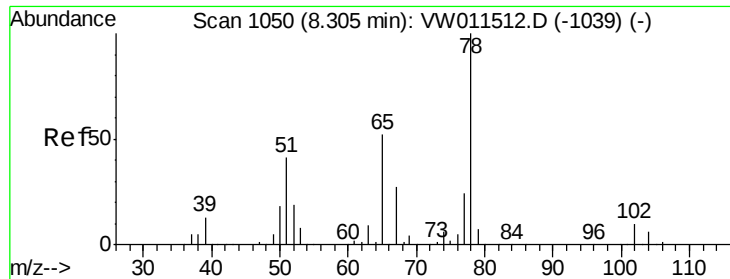
Tot Ion: 43 Resp: 16175
Ion Ratio Lower Upper
43 100
74 18.4 15.9 23.9



#20
Methylene Chloride
Concen: 1.594 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011870.D
Acq: 13 Aug 2019 00:45

Tgt Ion: 84 Resp: 4492
Ion Ratio Lower Upper
84 100
49 145.7 117.8 176.6
51 37.9 37.0 55.4
86 63.0 51.8 77.8

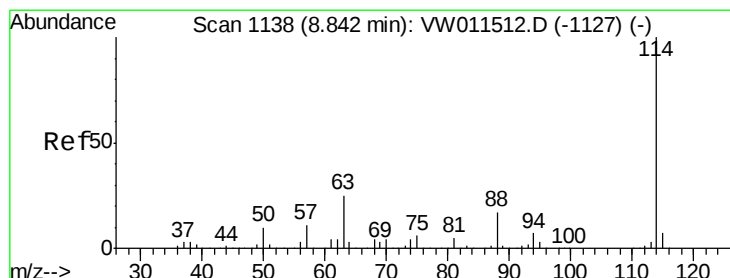
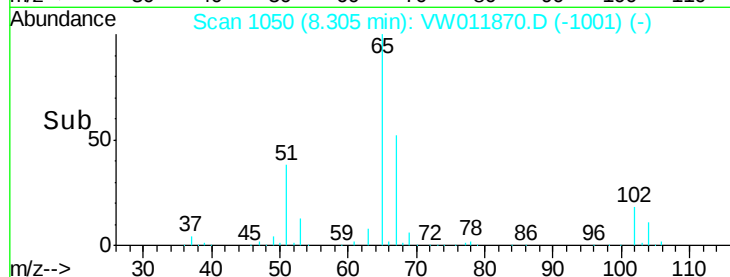
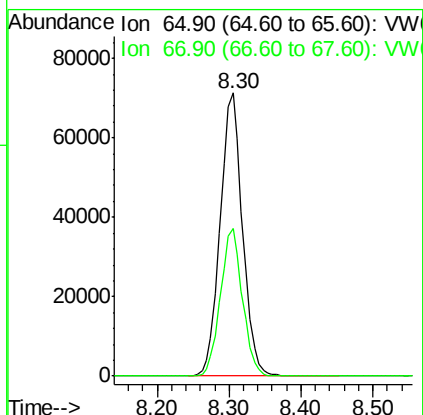
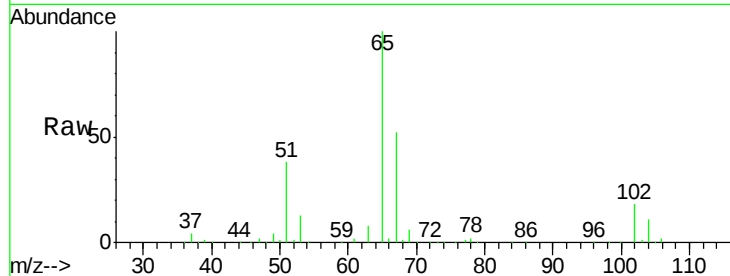




#33
 1,2-Dichloroethane-d4
 Concen: 59.822 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011870.D
 Acq: 13 Aug 2019 00:45

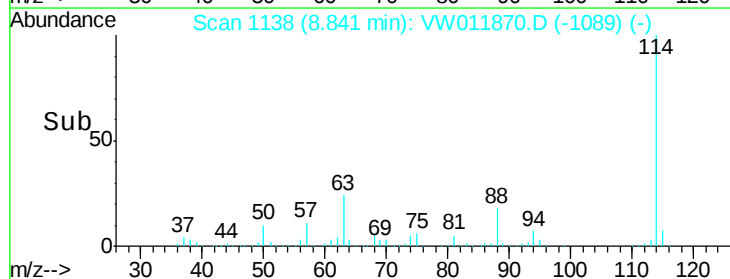
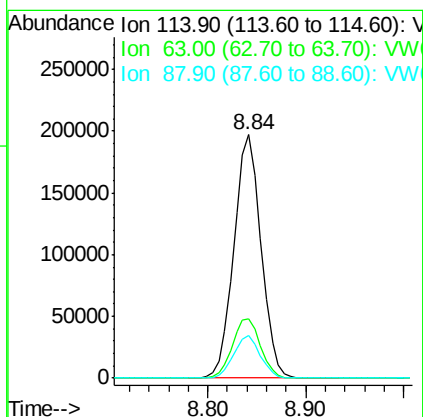
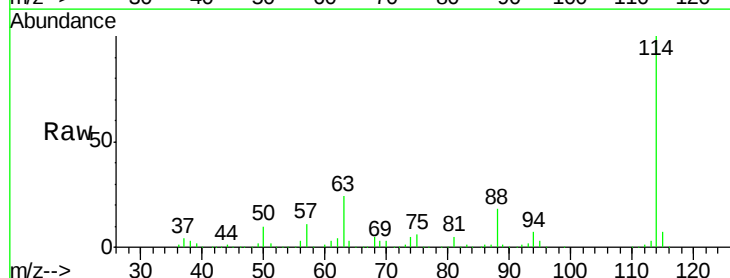
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-A3-(0)

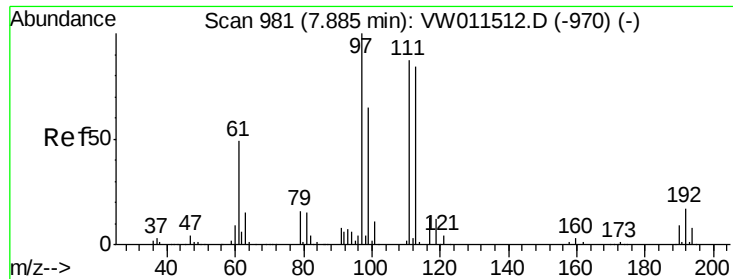
Tot Ion: 65 Resp: 153651
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011870.D
 Acq: 13 Aug 2019 00:45

Tgt Ion: 114 Resp: 378690
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.5 0.0 33.8

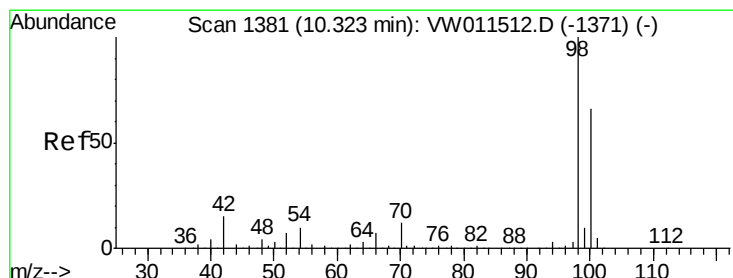
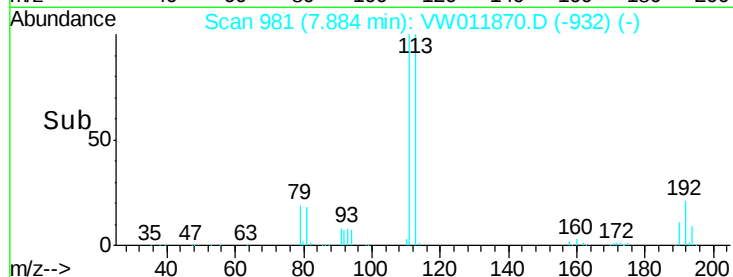
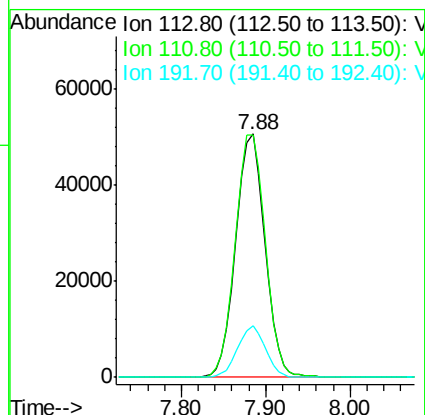
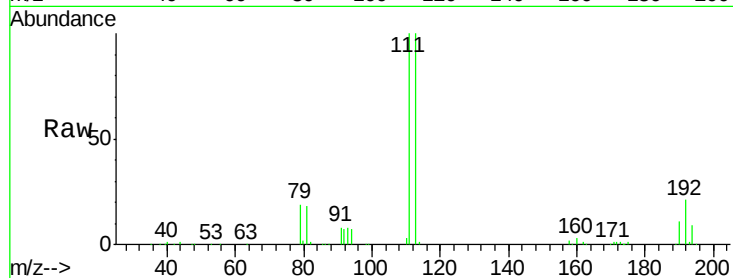




#35
 Dibromofluoromethane
 Concen: 55.860 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011870.D
 Acq: 13 Aug 2019 00:45

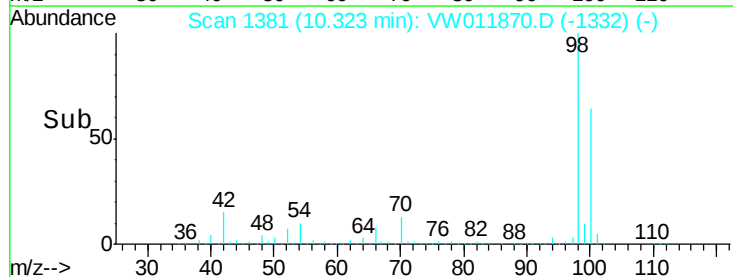
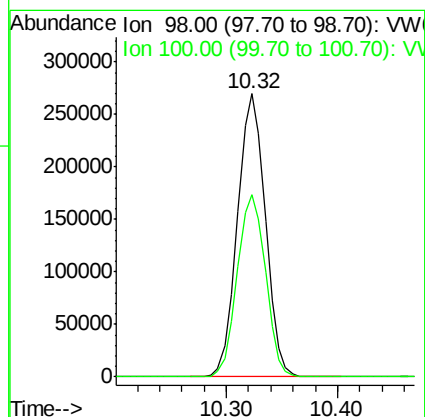
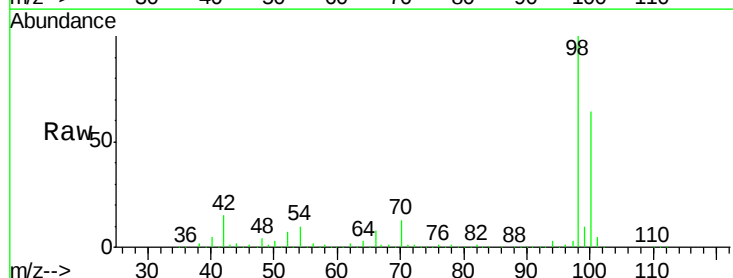
Instrument :
 MSVOA_W
 ClientSampleId :
 2S-A3-(0)

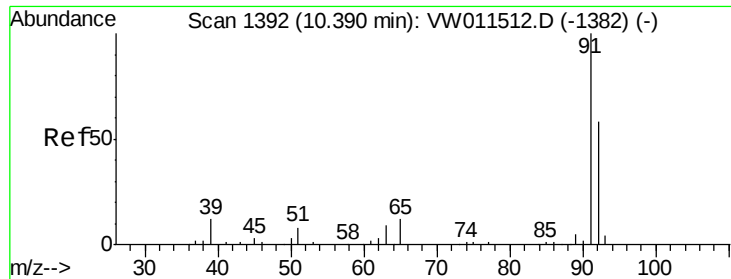
Tot Ion:113 Resp: 118676
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 20.3 16.1 24.1



#50
 Toluene-d8
 Concen: 53.814 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011870.D
 Acq: 13 Aug 2019 00:45

Tgt Ion: 98 Resp: 468098
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.7 79.1





#52

Toluene

Concen: 4.294 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011870.D

Acq: 13 Aug 2019 00:45

Instrument :

MSVOA_W

ClientSampleId :

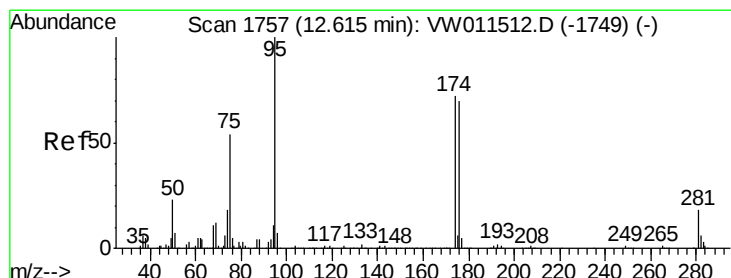
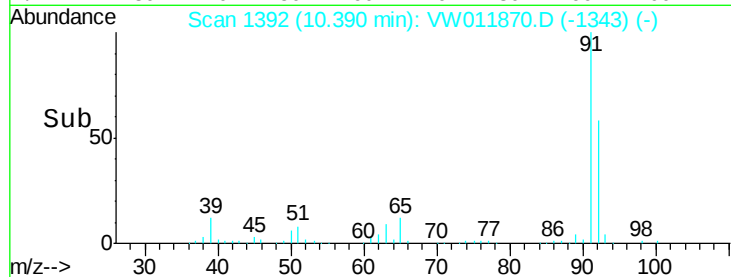
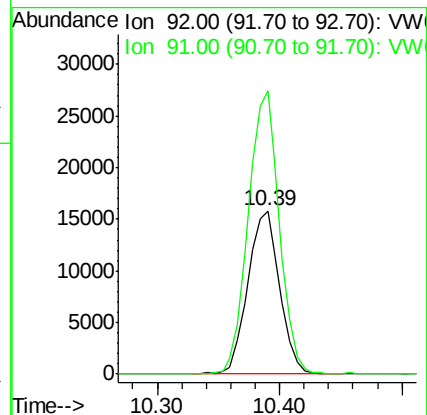
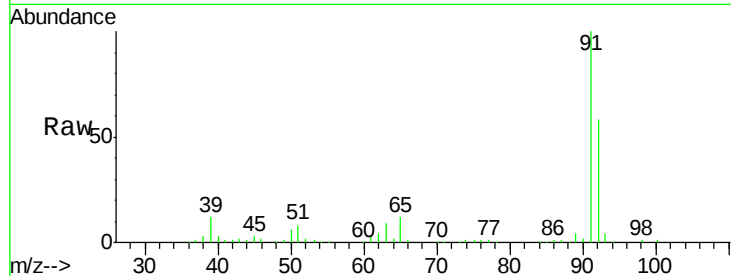
2S-A3-(0)

Tot Ion: 92 Resp: 28604

Ion Ratio Lower Upper

92 100

91 169.1 136.7 205.1



#62

4-Bromofluorobenzene

Concen: 48.378 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011870.D

Acq: 13 Aug 2019 00:45

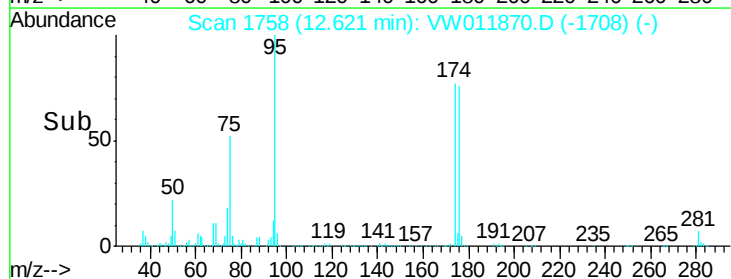
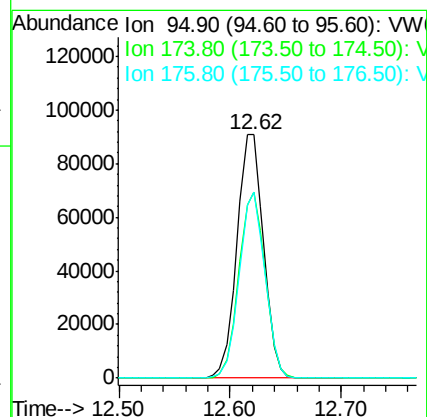
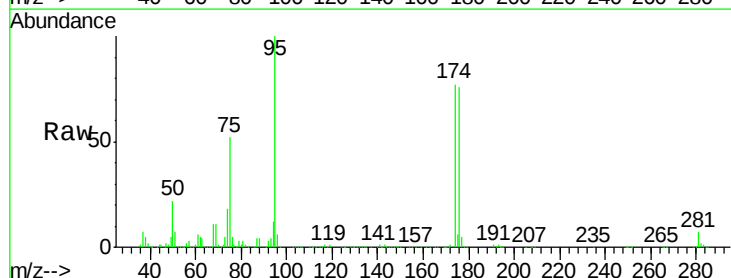
Tgt Ion: 95 Resp: 150028

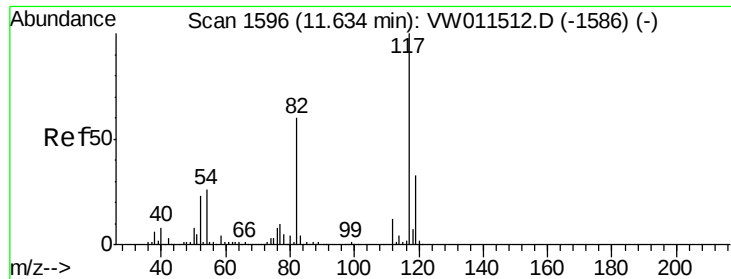
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

176 73.9 0.0 144.4

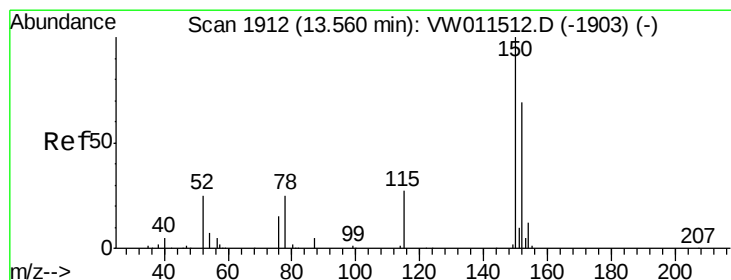
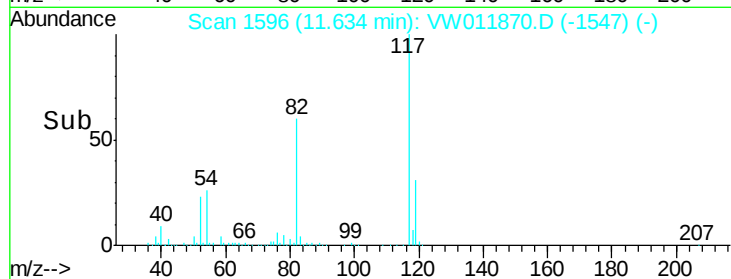
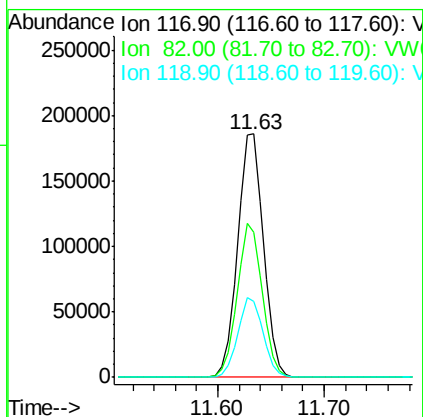
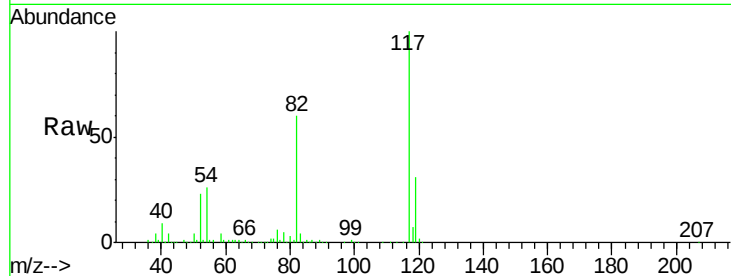




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011870.D
Acq: 13 Aug 2019 00:45

Instrument :
MSVOA_W
ClientSampleId :
2S-A3-(0)

Tot Ion:117 Resp: 317577
Ion Ratio Lower Upper
117 100
82 59.8 47.9 71.9
119 31.4 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: VW011870.D
Acq: 13 Aug 2019 00:45

Tgt Ion:152 Resp: 125911
Ion Ratio Lower Upper
152 100
115 60.8 30.5 91.5
150 157.3 0.0 352.6

