

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011858.D
 Acq On : 12 Aug 2019 17:49
 Operator : SY/VA
 Sample : K4223-04RE
 Misc : 4.83G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-2RE

Quant Time: Aug 13 08:50:54 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

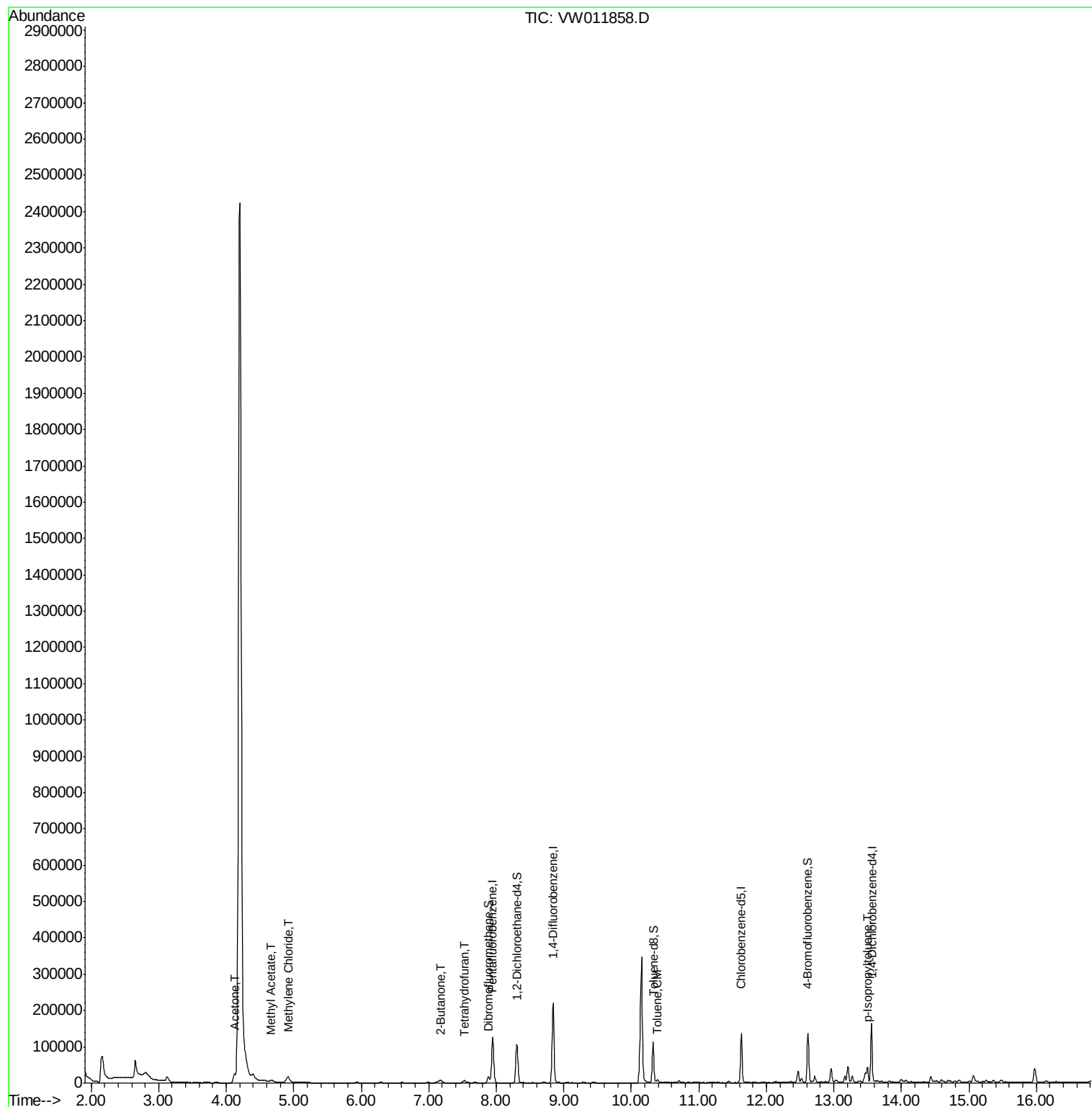
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	70554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	40356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84365	80.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	160.80%	
35) Dibromofluoromethane	7.88	113	12617	13.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.22%	
50) Toluene-d8	10.32	98	71497	18.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.28%	
62) 4-Bromofluorobenzene	12.62	95	44380	31.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.16%	
Target Compounds						
16) Acetone	4.12	43	43768	131.122	ug/l	98
18) Methyl Acetate	4.67	43	10225	13.636	ug/l	98
20) Methylene Chloride	4.92	84	11248	9.771	ug/l	92
25) 2-Butanone	7.18	43	13436	30.761	ug/l	100
29) Tetrahydrofuran	7.53	42	4829	19.342	ug/l	98
52) Toluene	10.39	92	3316	1.099	ug/l	94
86) p-Isopropyltoluene	13.50	119	21307	7.799	ug/l	87

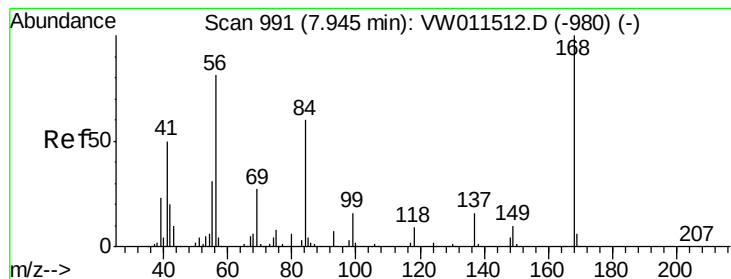
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081219\
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
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: VW011858.D

Acq: 12 Aug 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

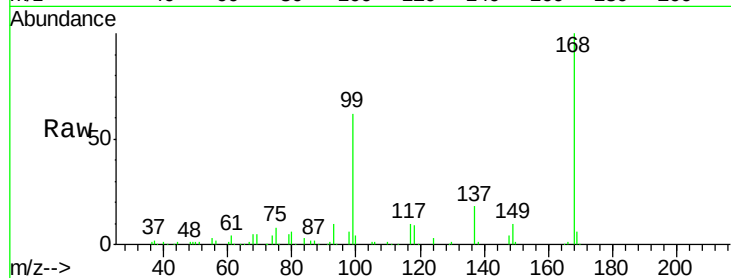
SP-2RE

Tot Ion:168 Resp: 91385

Ion Ratio Lower Upper

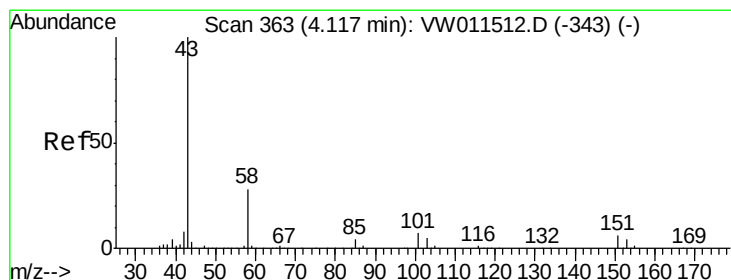
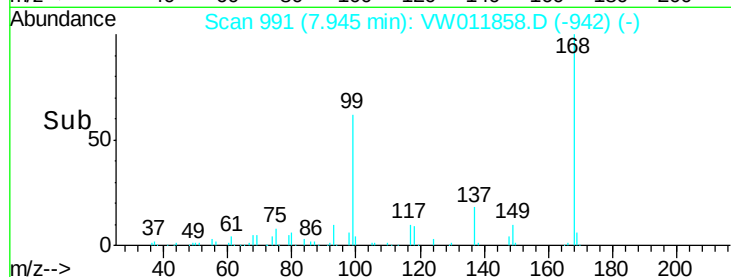
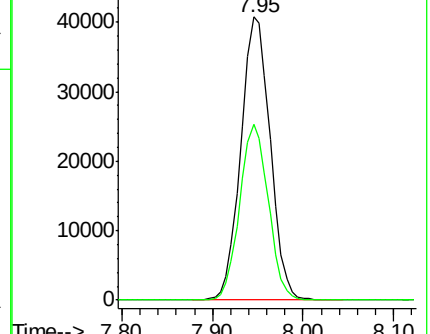
168 100

99 62.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 131.122 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011858.D

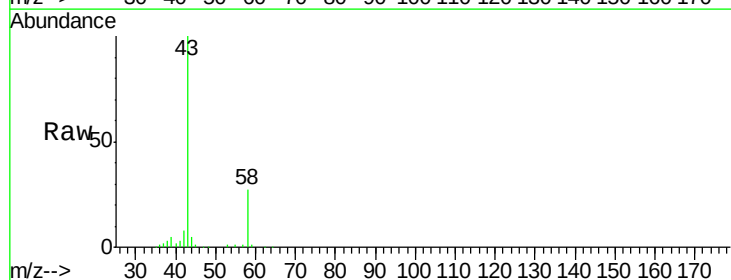
Acq: 12 Aug 2019 17:49

Tgt Ion: 43 Resp: 43768

Ion Ratio Lower Upper

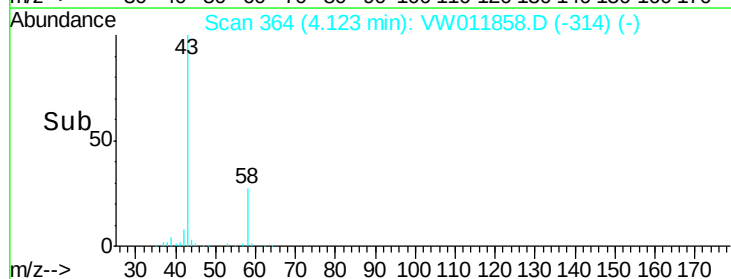
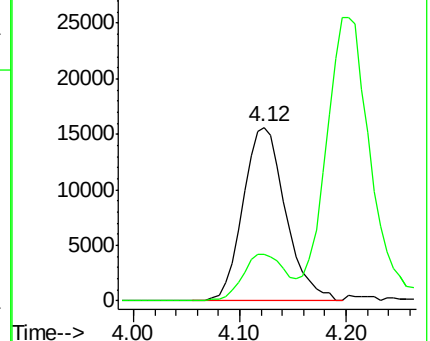
43 100

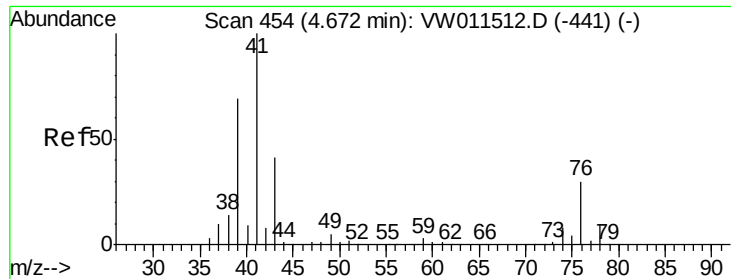
58 26.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

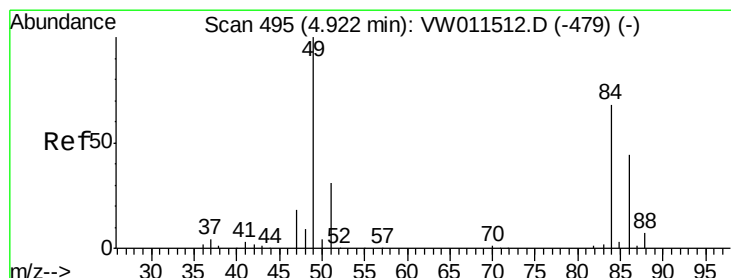
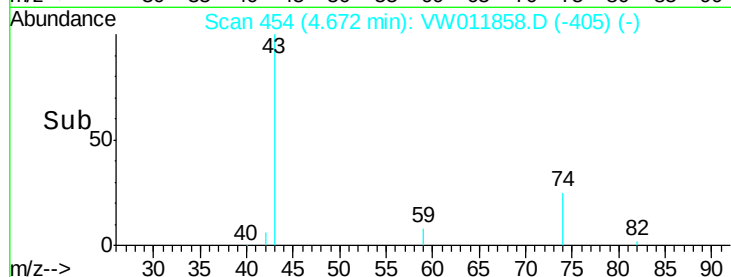
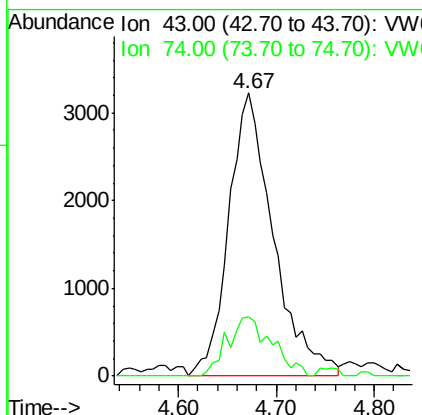
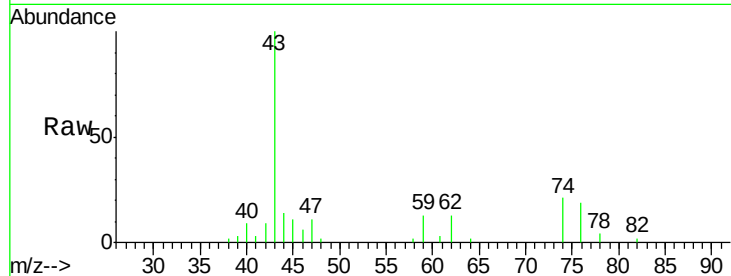




#18
Methyl Acetate
Concen: 13.636 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW011858.D
Acq: 12 Aug 2019 17:49

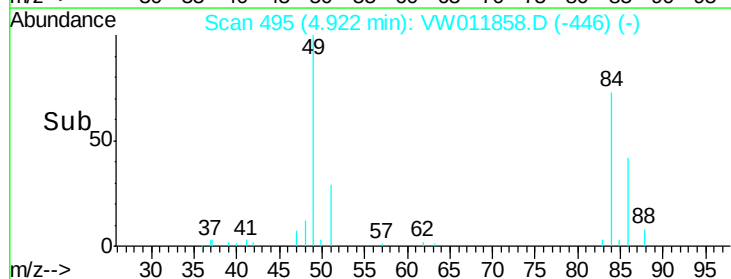
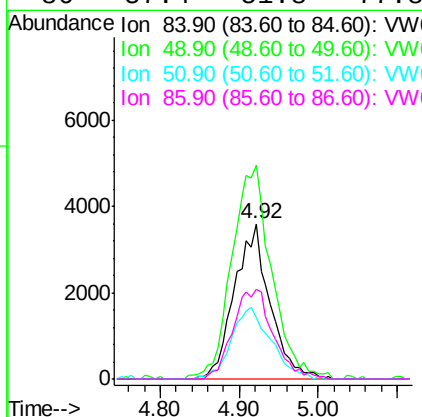
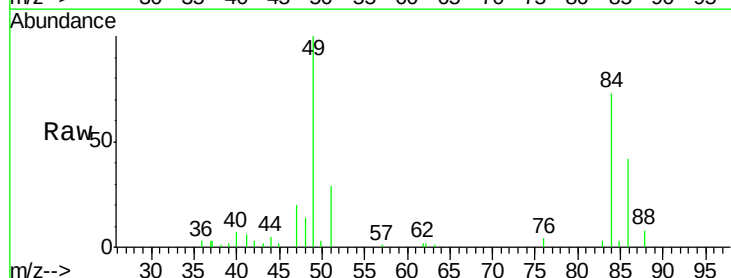
Instrument :
MSVOA_W
ClientSampleId :
SP-2RE

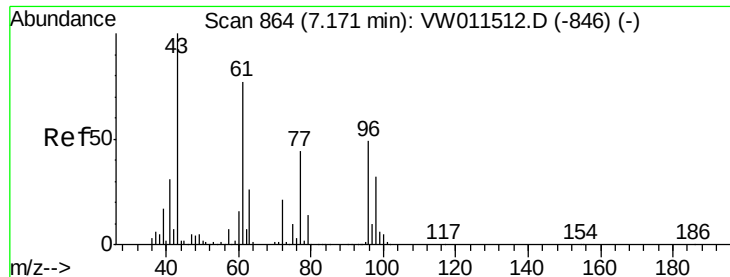
Tot Ion: 43 Resp: 10225
Ion Ratio Lower Upper
43 100
74 21.0 15.9 23.9



#20
Methylene Chloride
Concen: 9.771 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW011858.D
Acq: 12 Aug 2019 17:49

Tgt Ion: 84 Resp: 11248
Ion Ratio Lower Upper
84 100
49 137.7 117.8 176.6
51 39.8 37.0 55.4
86 57.4 51.8 77.8





#25

2-Butanone

Concen: 30.761 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011858.D

Acq: 12 Aug 2019 17:49

Instrument :

MSVOA_W

ClientSampled :

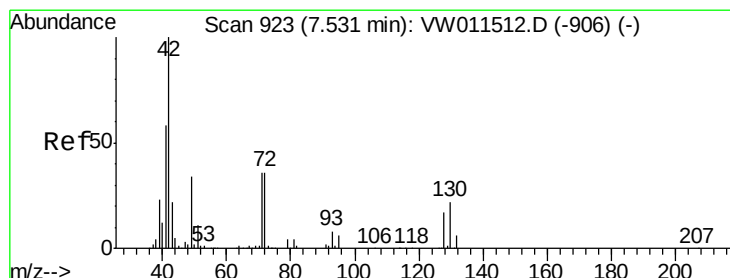
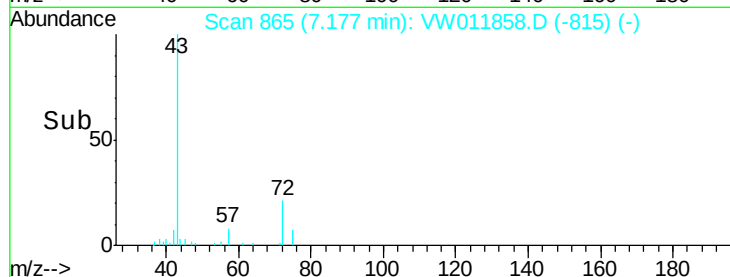
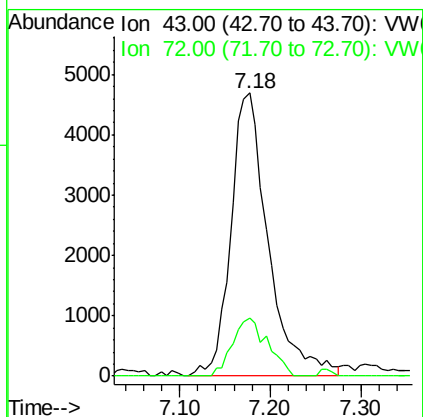
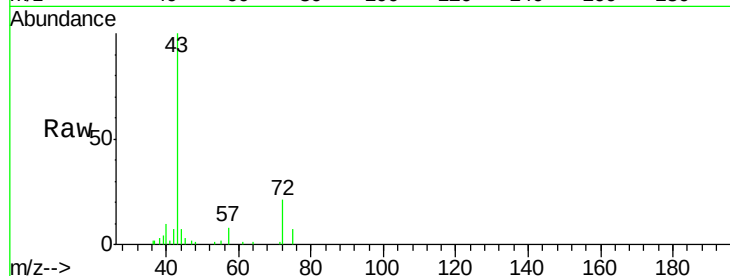
SP-2RE

Tot Ion: 43 Resp: 13436

Ion Ratio Lower Upper

43 100

72 20.5 16.6 24.8



#29

Tetrahydrofuran

Concen: 19.342 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW011858.D

Acq: 12 Aug 2019 17:49

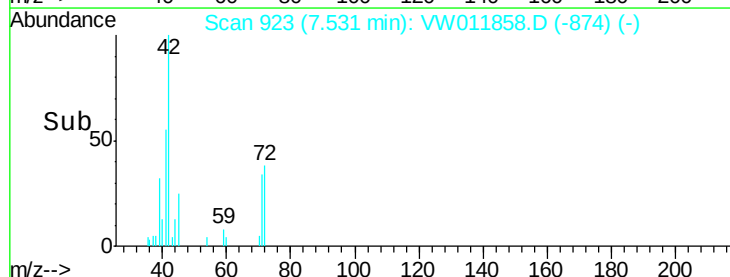
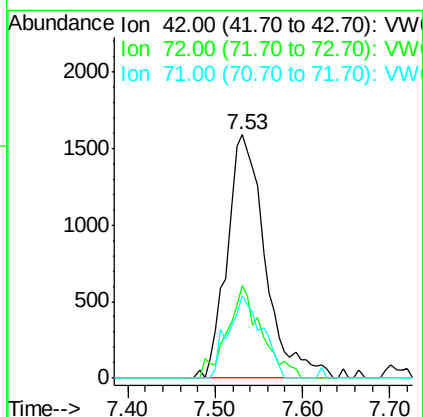
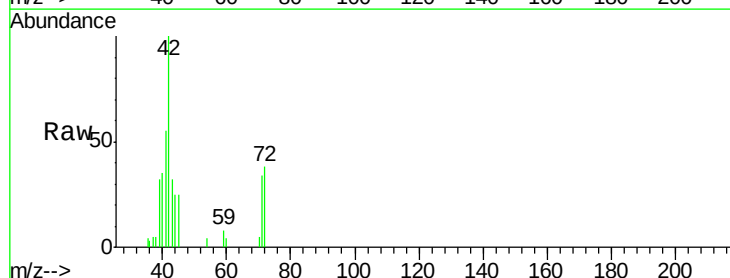
Tgt Ion: 42 Resp: 4829

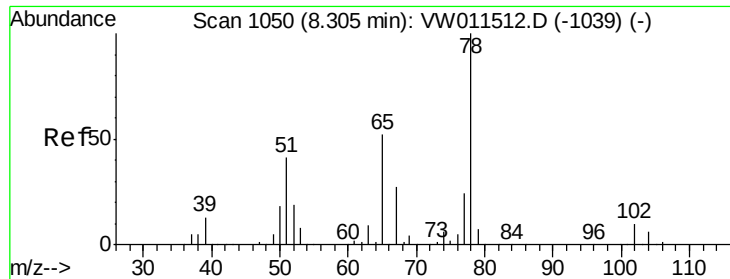
Ion Ratio Lower Upper

42 100

72 34.1 27.1 40.7

71 30.2 26.2 39.4





#33

1,2-Dichloroethane-d4

Concen: 80.397 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011858.D

Acq: 12 Aug 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

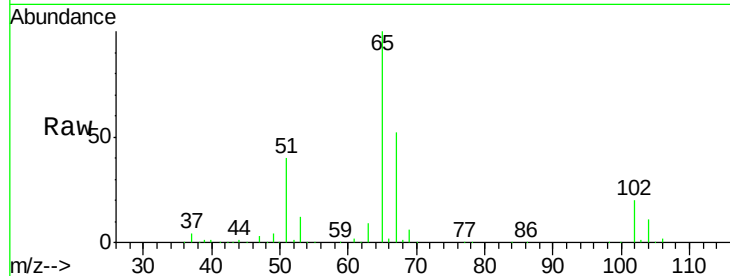
SP-2RE

Tot Ion: 65 Resp: 84365

Ion Ratio Lower Upper

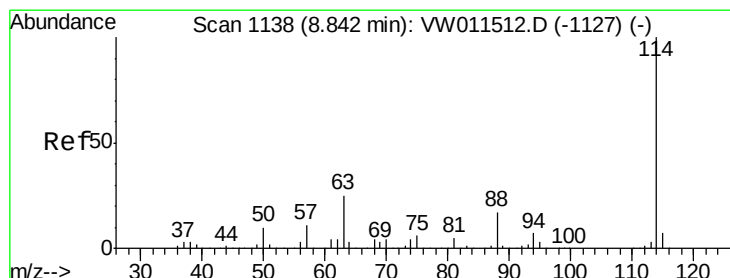
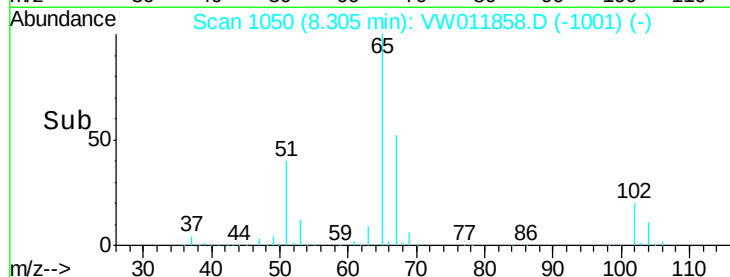
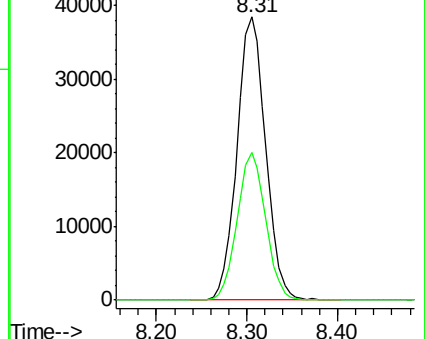
65 100

67 51.7 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: VW011858.D

Acq: 12 Aug 2019 17:49

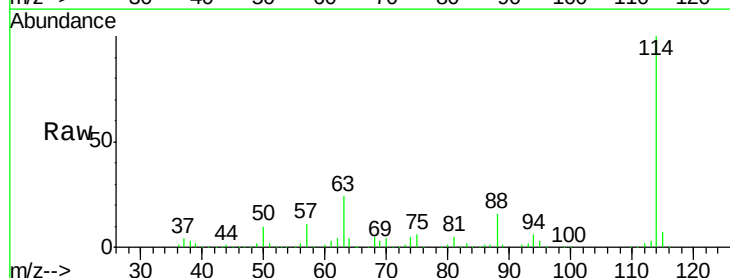
Tgt Ion: 114 Resp: 171584

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

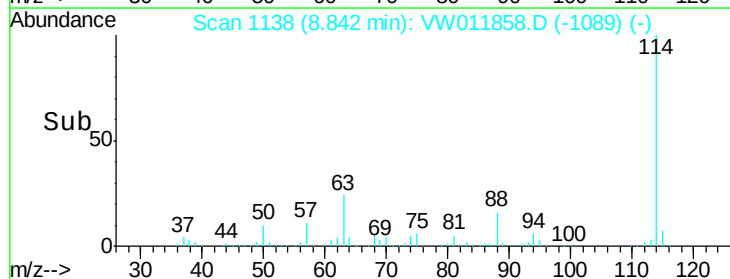
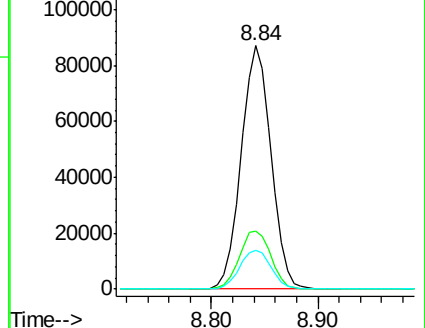
88 16.1 0.0 33.8

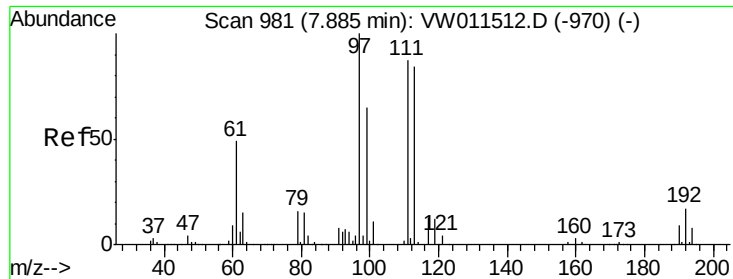


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

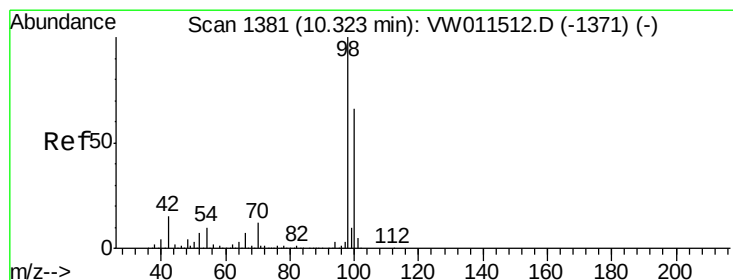
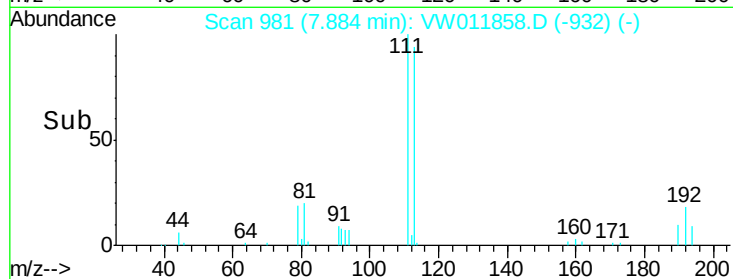
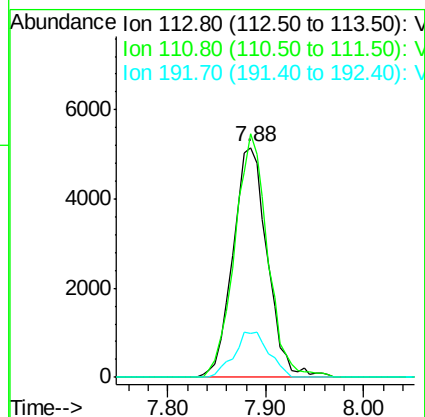
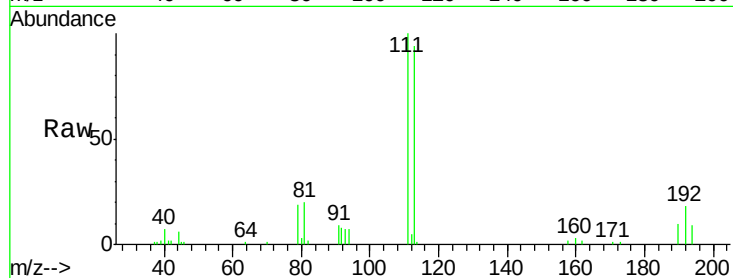




#35
 Dibromofluoromethane
 Concen: 13.107 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011858.D
 Acq: 12 Aug 2019 17:49

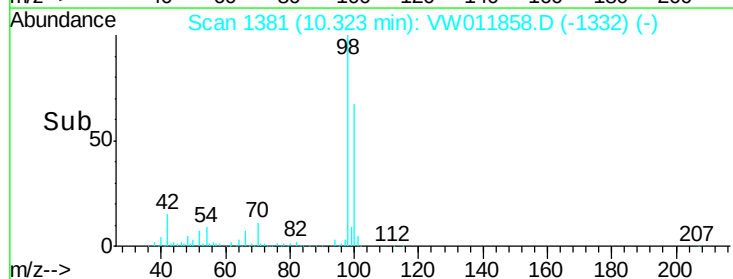
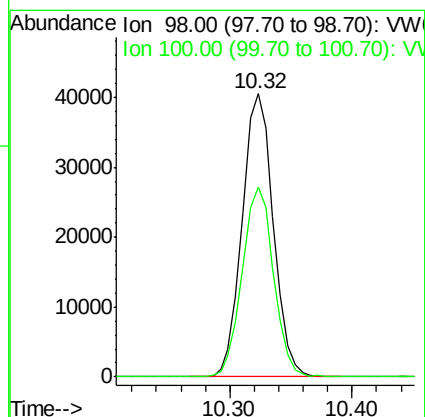
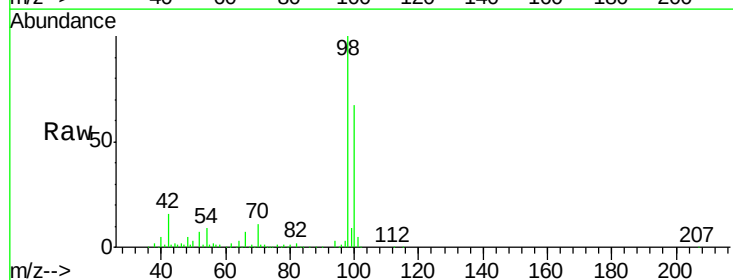
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-2RE

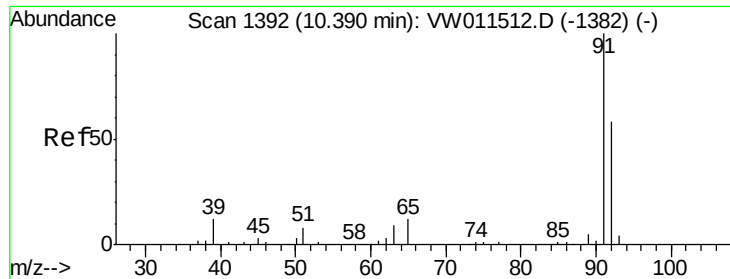
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.7	124.1
192	19.9	16.1	24.1



#50
 Toluene-d8
 Concen: 18.141 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW011858.D
 Acq: 12 Aug 2019 17:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.7	79.1





#52

Toluene

Concen: 1.099 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011858.D

Acq: 12 Aug 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

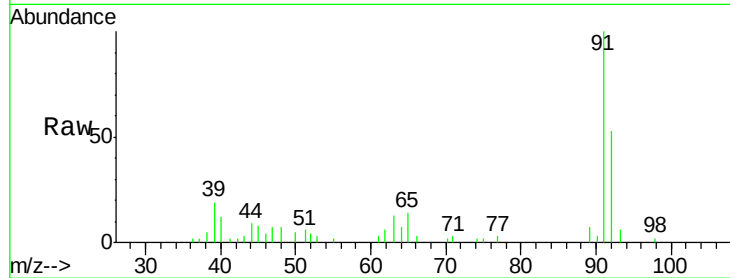
SP-2RE

Tot Ion: 92 Resp: 3316

Ion Ratio Lower Upper

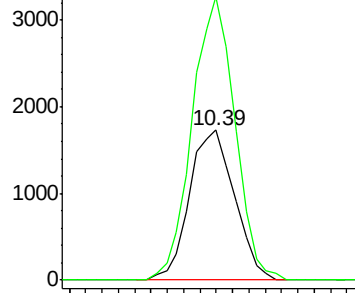
92 100

91 179.0 136.7 205.1

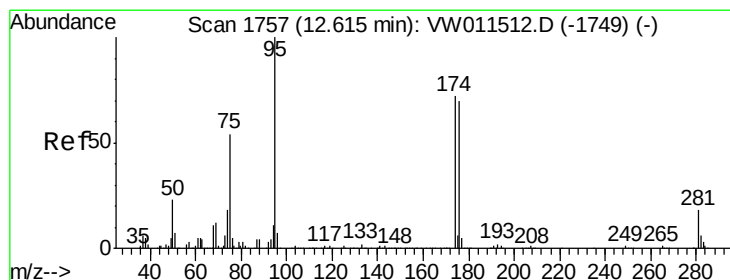
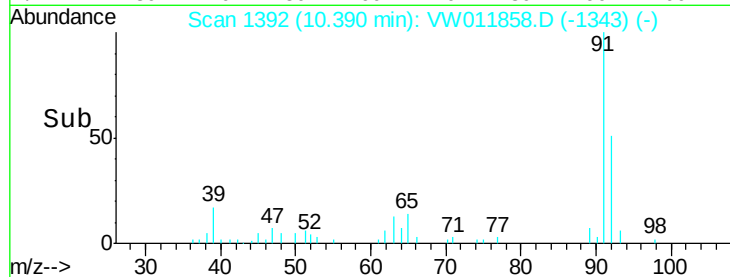


Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 31.584 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011858.D

Acq: 12 Aug 2019 17:49

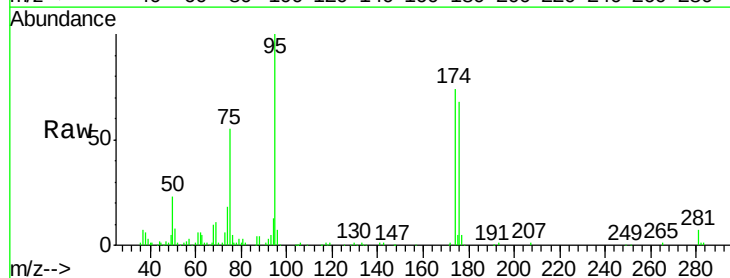
Tgt Ion: 95 Resp: 44380

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

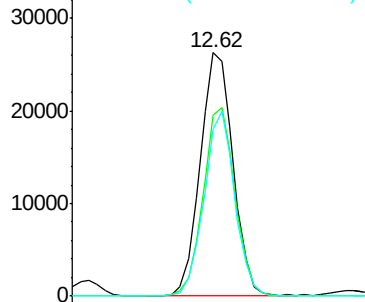
176 70.8 0.0 144.4



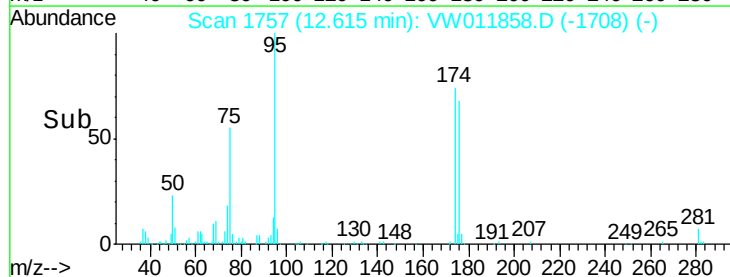
Abundance Ion 94.90 (94.60 to 95.60): VW

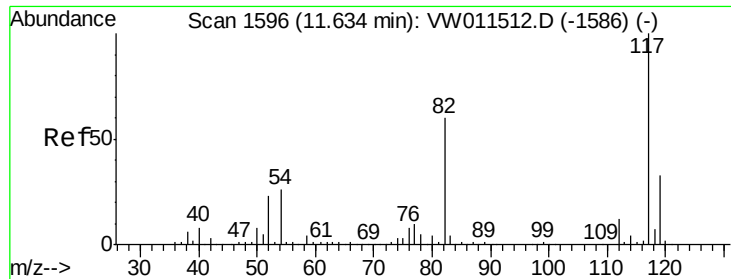
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

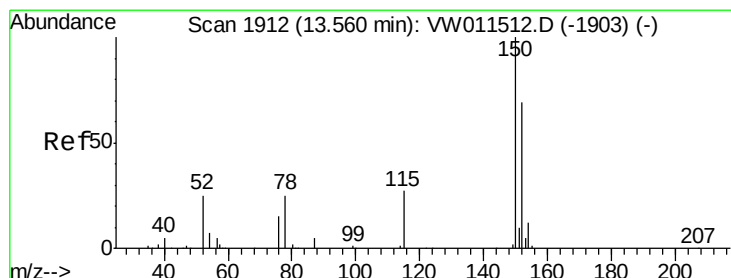
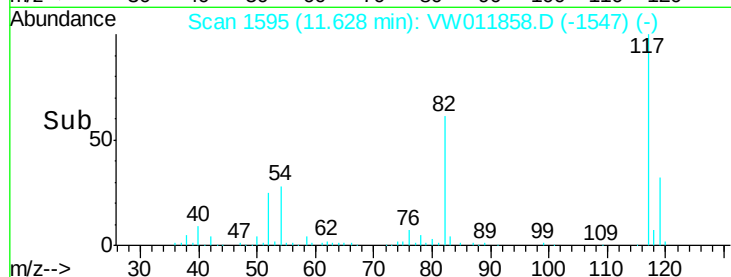
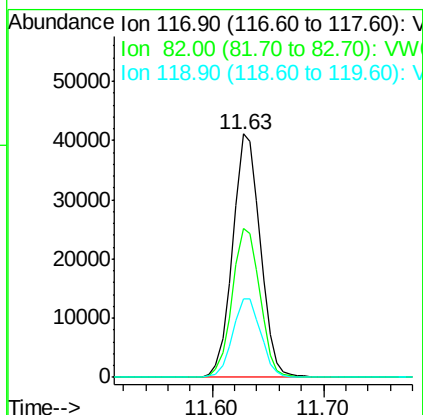
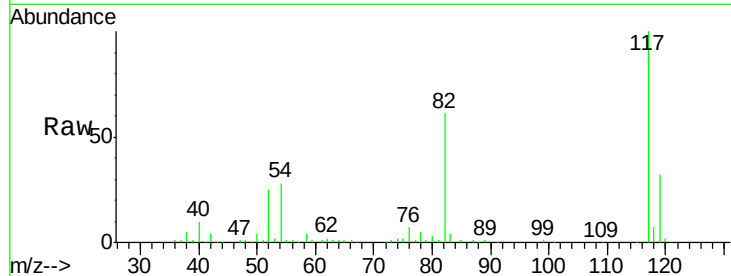




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011858.D
Acq: 12 Aug 2019 17:49

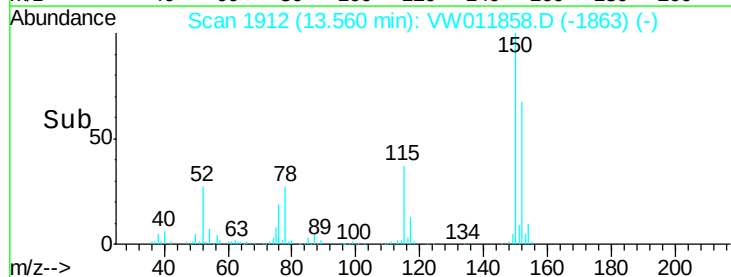
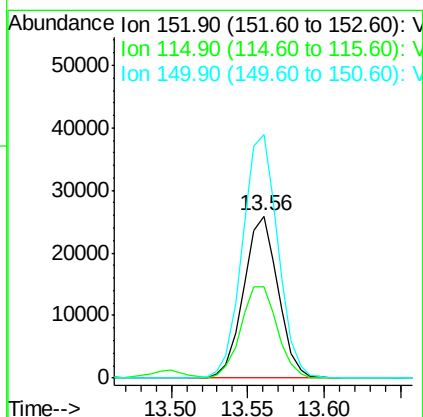
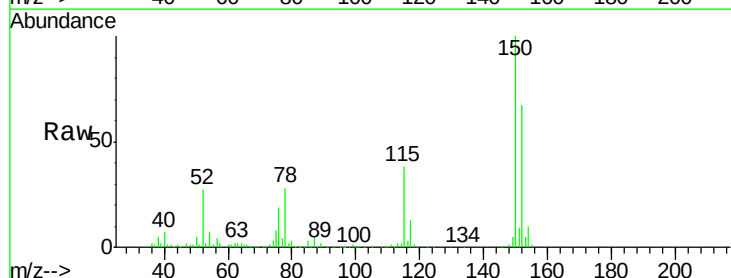
Instrument :
MSVOA_W
ClientSampleId :
SP-2RE

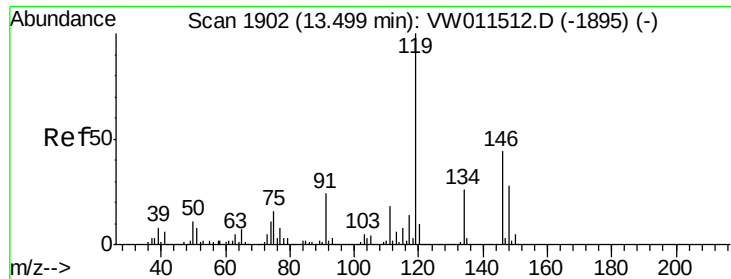
Tot Ion:117 Resp: 70554
Ion Ratio Lower Upper
117 100
82 61.0 47.9 71.9
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011858.D
Acq: 12 Aug 2019 17:49

Tgt Ion:152 Resp: 40356
Ion Ratio Lower Upper
152 100
115 60.1 30.5 91.5
150 155.0 0.0 352.6





#86
 p-Isopropyltoluene
 Concen: 7.799 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011858.D
 Acq: 12 Aug 2019 17:49

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-2RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	12.8	38.4
91	35.9	12.1	36.3

