

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007132.D
 Acq On : 23 Aug 2018 11:48
 Operator : SY/MD
 Sample : J4599-10MS
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOL3MS

Quant Time: Aug 24 01:36:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:26:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	517936	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	461603	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	184861	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	142189	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.36%
7) Chloroethane-d5	1.57	69	76270	36.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.86%
11) 1,1-Dichloroethene-d2	2.13	63	253434	42.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.10%
21) 2-Butanone-d5	3.96	46	291845	105.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.35%
24) Chloroform-d	4.41	84	309026	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.09	65	193798	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
32) Benzene-d6	5.10	84	630303	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.12	67	212072	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.94%
41) Toluene-d8	7.36	98	503074	44.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.14%
43) trans-1,3-Dichloropropene-	7.67	79	84734	46.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.26%
47) 2-Hexanone-d5	8.15	63	148092	98.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	293496	47.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	192514	51.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.58%

Target Compounds

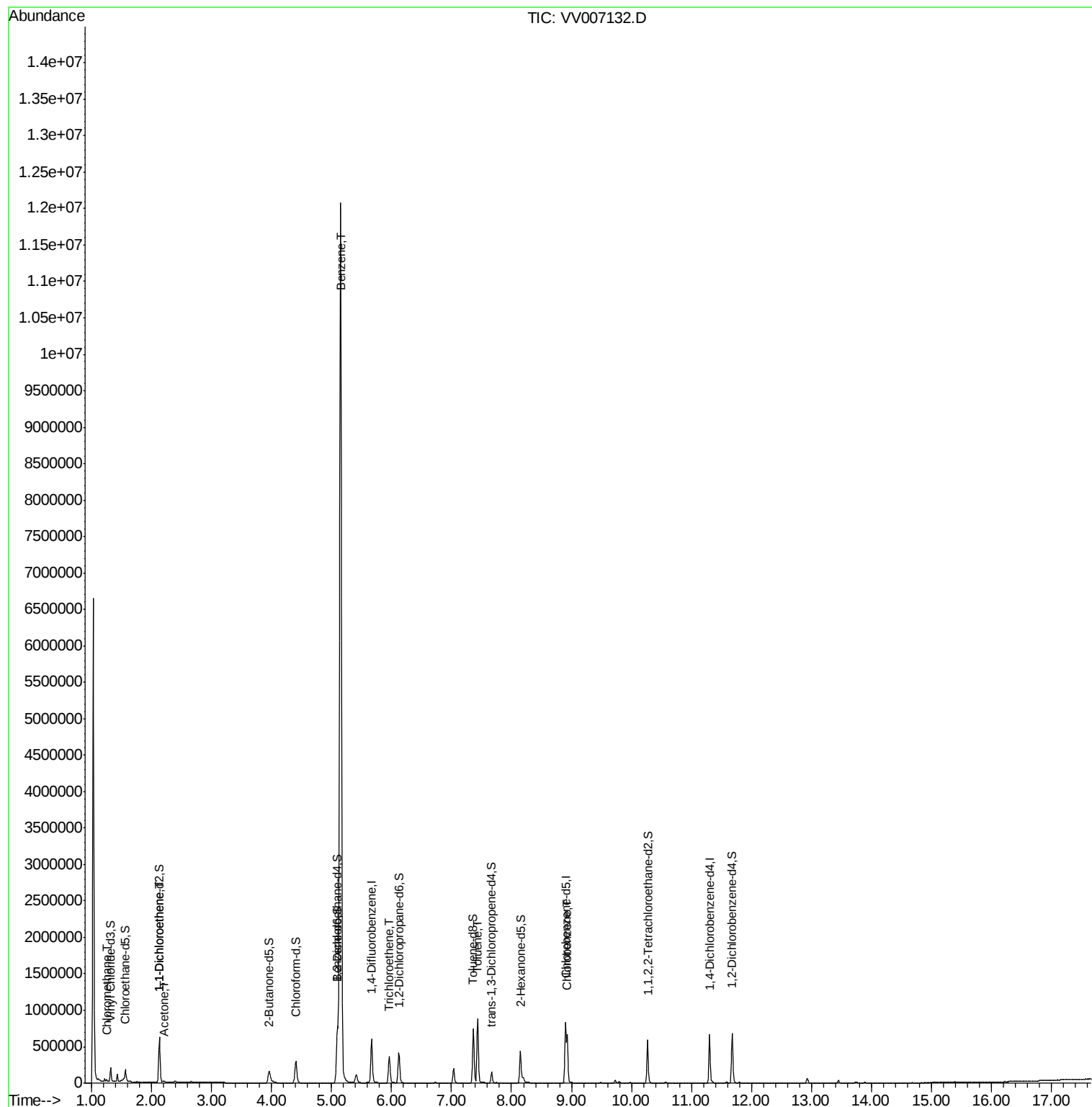
					Ovalue
3) Chloromethane	1.25	50	17483	2.92	ug/L 98
12) 1,1-Dichloroethene	2.14	96	116167	33.69	ug/L 98
13) Acetone	2.20	43	11250	5.18	ug/L 96
33) Benzene	5.15	78	12073536	763.53	ug/L 100
34) Trichloroethene	5.96	95	129599	34.58	ug/L 99
42) Toluene	7.44	91	648962	42.57	ug/L 100
51) Chlorobenzene	8.93	112	343970	34.06	ug/L 99

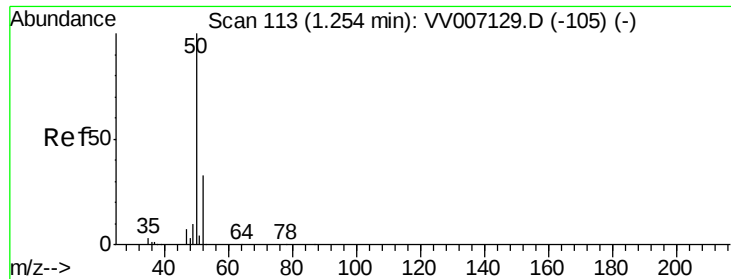
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 2.92 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV007132.D

Acq: 23 Aug 2018 11:48

Instrument :

MSVOA_V

ClientSampleId :

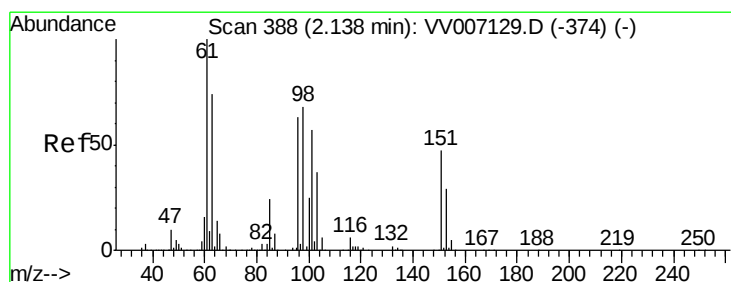
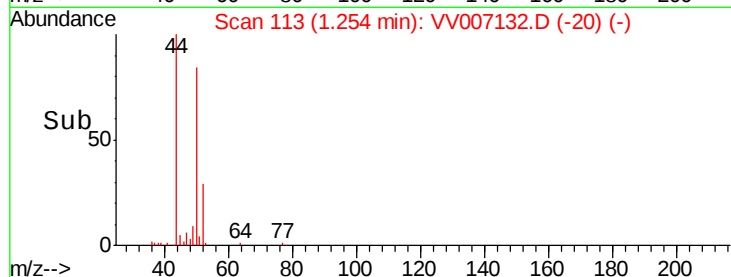
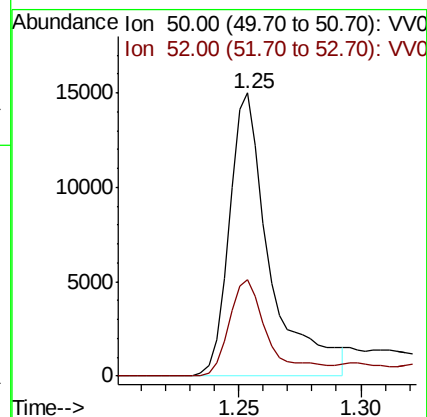
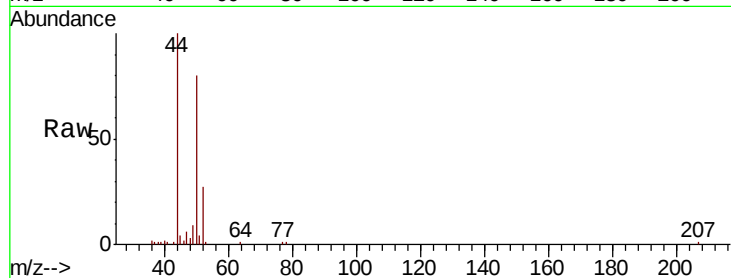
ETOL3MS

Tot Ion: 50 Resp: 17483

Ion Ratio Lower Upper

50 100

52 34.2 23.0 42.8



#12

1,1-Dichloroethene

Concen: 33.69 ug/L

RT: 2.14 min Scan# 388

Delta R.T. 0.00 min

Lab File: VV007132.D

Acq: 23 Aug 2018 11:48

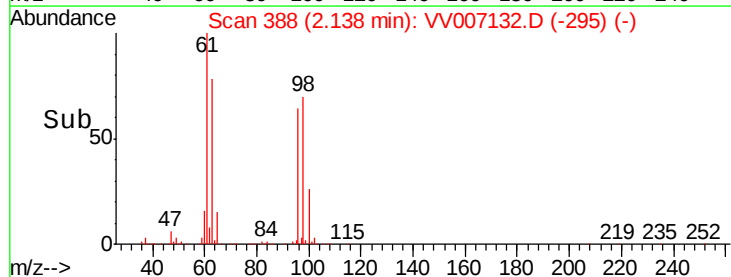
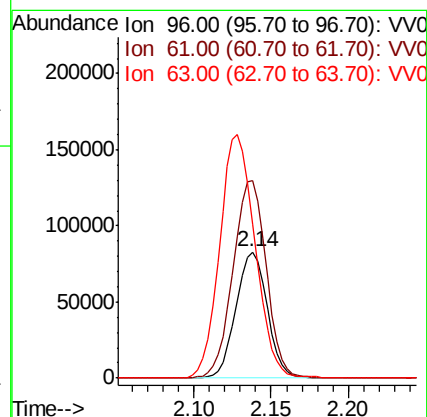
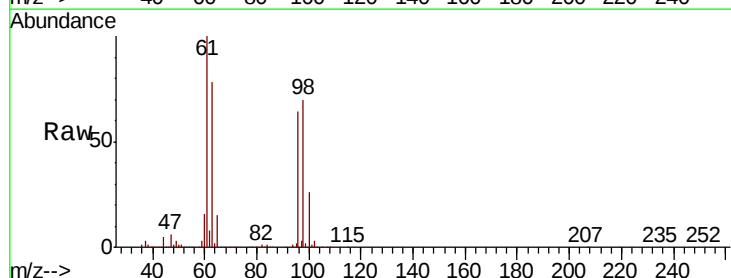
Tgt Ion: 96 Resp: 116167

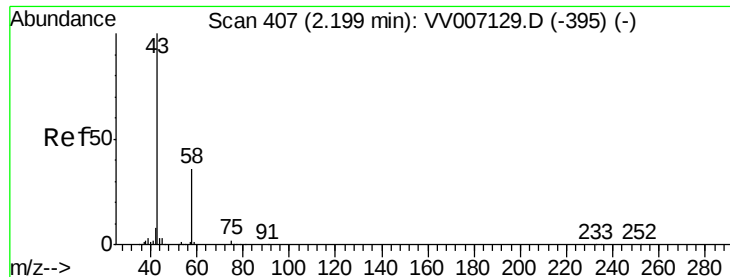
Ion Ratio Lower Upper

96 100

61 156.6 110.0 204.2

63 122.3 81.8 152.0





#13

Acetone

Concen: 5.18 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

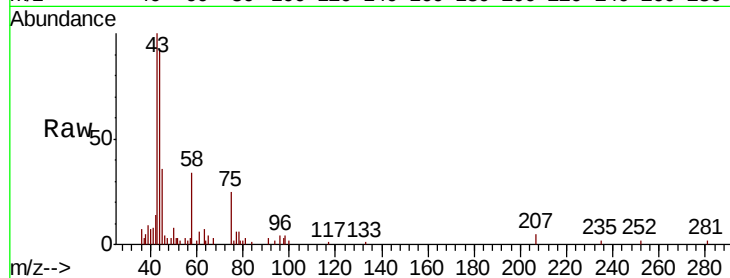
ETOL3MS

Tot Ion: 43 Resp: 11250

Ion Ratio Lower Upper

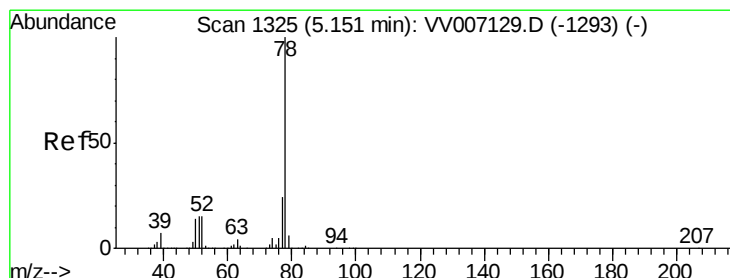
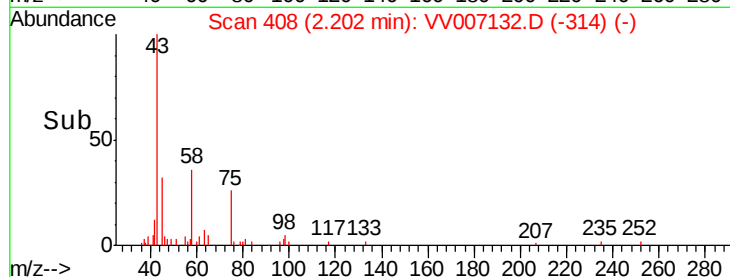
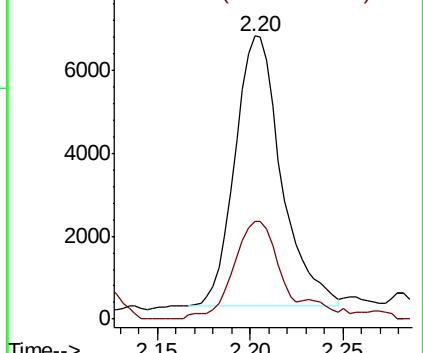
43 100

58 34.2 0.0 73.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#33

Benzene

Concen: 763.53 ug/L

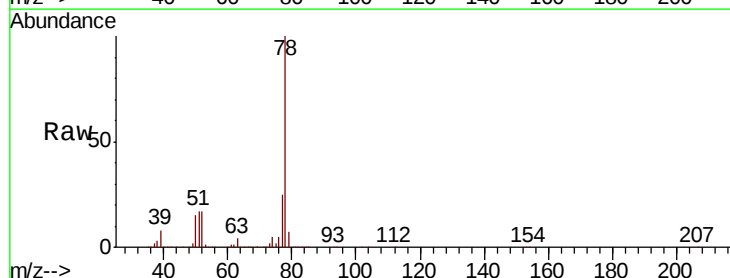
RT: 5.15 min Scan# 1325

Delta R.T. 0.00 min

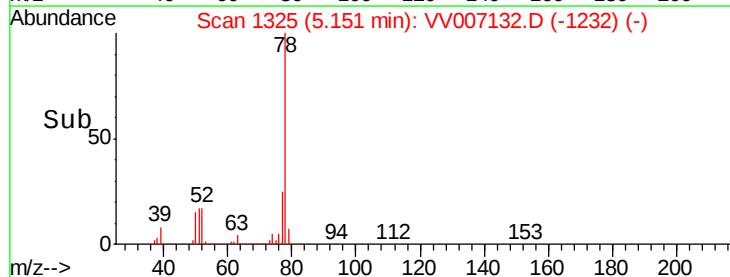
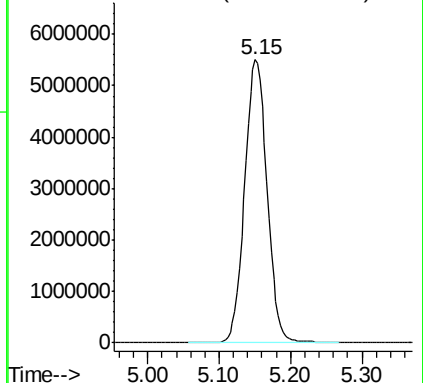
Lab File: VV007132.D

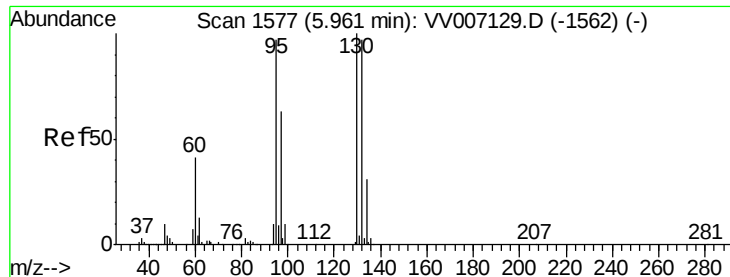
Acq: 23 Aug 2018 11:48

Tgt Ion: 78 Resp:12073536



Abundance Ion 78.00 (77.70 to 78.70): VV0

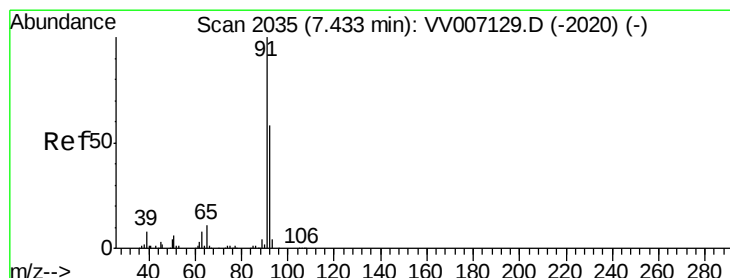
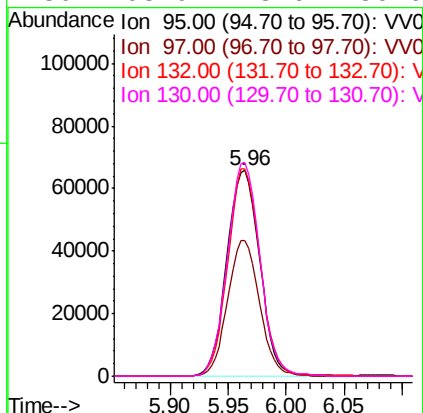
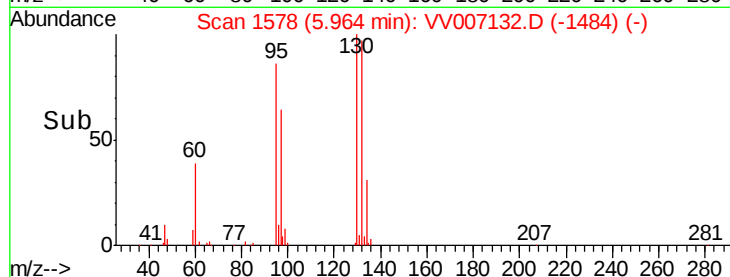
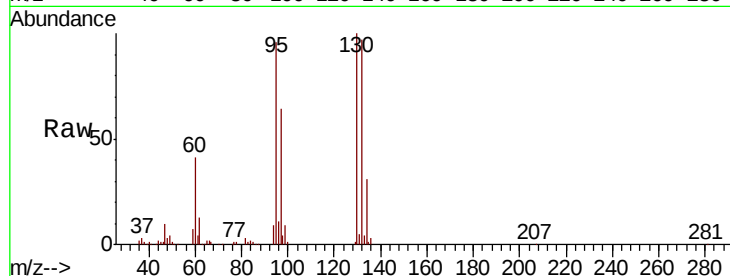




#34
 Trichloroethene
 Concen: 34.58 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007132.D
 Acq: 23 Aug 2018 11:48

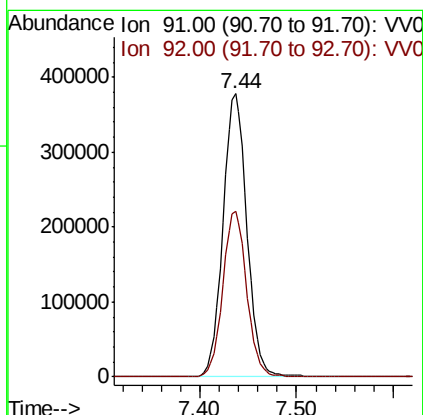
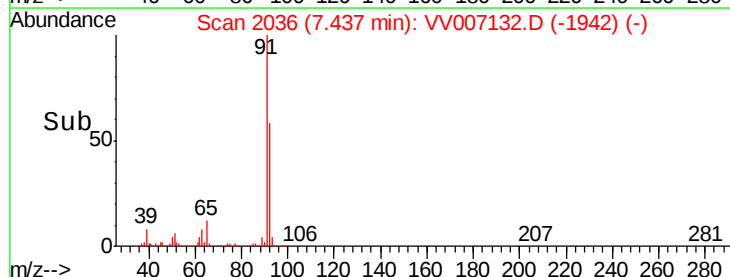
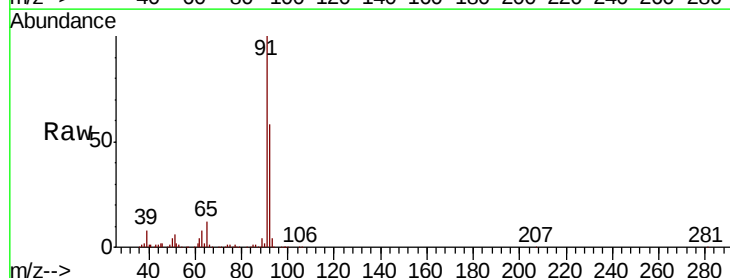
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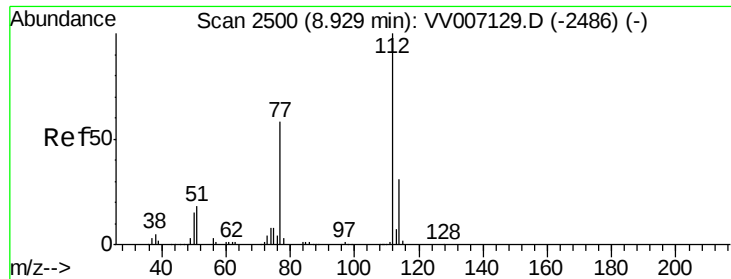
Tot Ion:	95	Resp:	129599
Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.1	83.9
132	100.9	69.7	129.4
130	103.9	73.6	136.6



#42
 Toluene
 Concen: 42.57 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV007132.D
 Acq: 23 Aug 2018 11:48

Tgt Ion:	91	Resp:	648962
Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.9	75.9





#51
 Chlorobenzene
 Concen: 34.06 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV007132.D
 Acq: 23 Aug 2018 11:48

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOL3MS

Tot Ion:112	Resp:	343970
Ion Ratio	Lower	Upper
112	100	
114	31.5	22.3 41.3
77	57.3	46.6 70.0

