

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007084.D
 Acq On : 20 Aug 2018 20:53
 Operator : SY/MD
 Sample : J4488-18
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0361

Quant Time: Aug 21 06:44:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236494	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	227766	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86630	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82011	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.59	69	74582	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.20%
11) 1,1-Dichloroethene-d2	2.14	63	1283034	44.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	895.60%#
20) 2-Butanone-d5	3.97	46	241096	54.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	4.41	84	177383	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	5.09	65	90875	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.10	84	346526	5.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.40%
36) 1,2-Dichloropropane-d6	6.13	67	113299	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.37	98	247156	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.67	79	24151	3.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.40%
46) 2-Hexanone-d5	8.15	63	93219	32.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	84362	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	88981	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

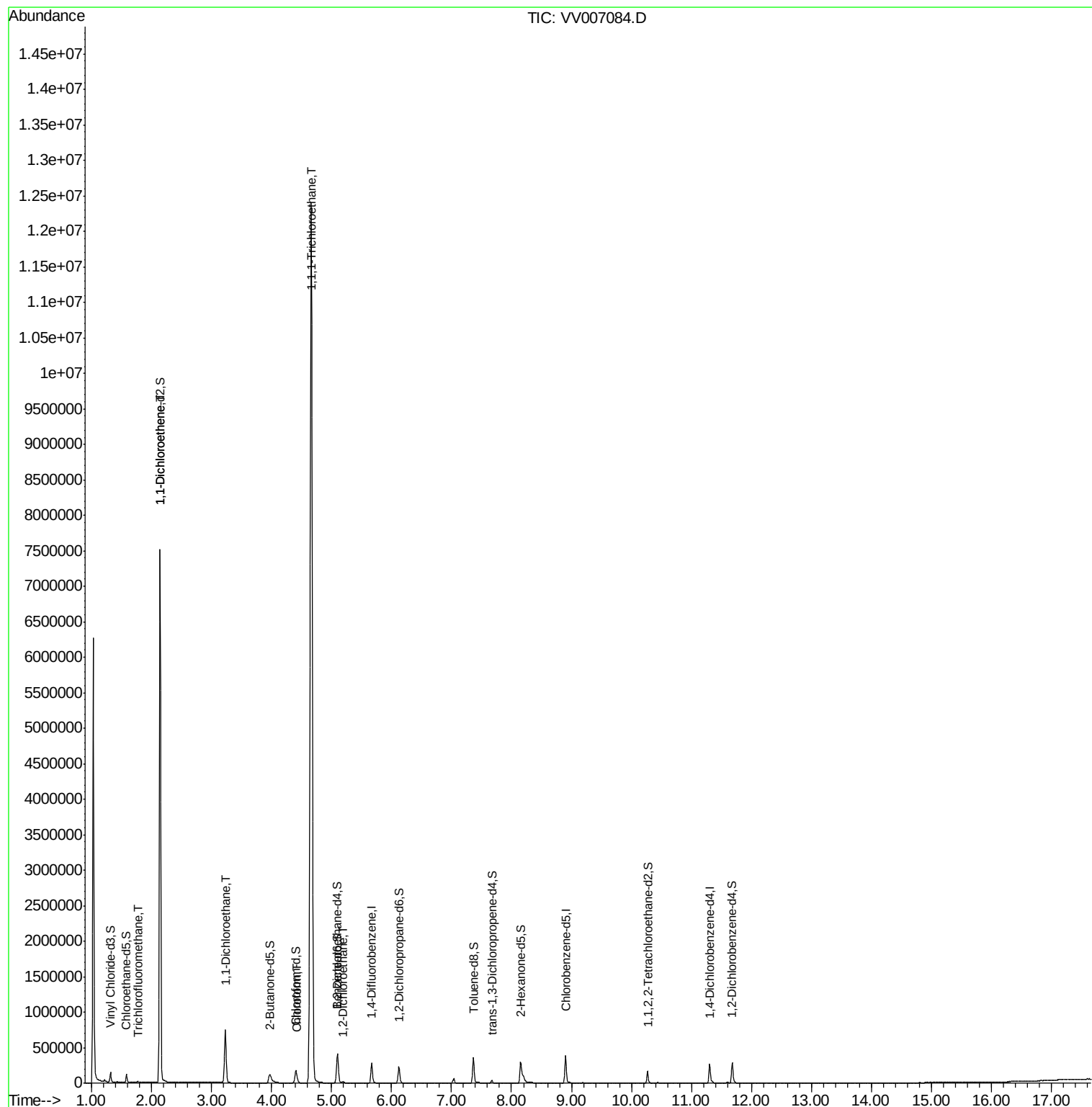
					Ovalue
9) Trichlorofluoromethane	1.77	101	7129	0.24	ug/L 97
12) 1,1-Dichloroethene	2.14	96	2360194	138.98	ug/L # 68
19) 1,1-Dichloroethane	3.23	63	750874	22.87	ug/L 97
25) Chloroform	4.44	83	13208	0.37	ug/L 90
27) 1,2-Dichloroethane	5.19	62	13739	0.61	ug/L 98
29) 1,1,1-Trichloroethane	4.66	97	9912279	326.38	ug/L 98

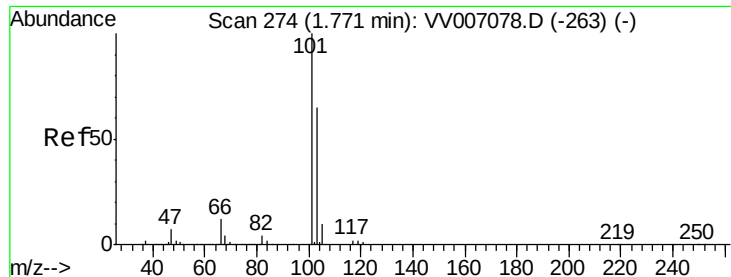
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 21 05:25:12 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.24 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

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Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_V

ClientSampleId :

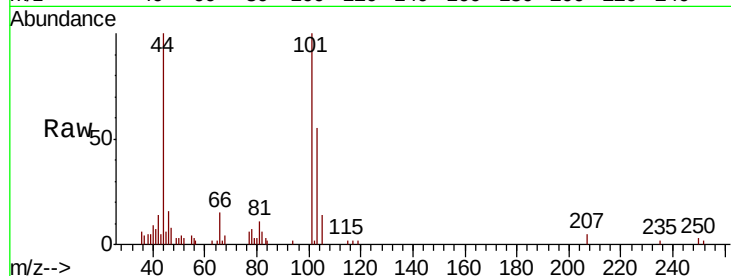
C0361

Tot Ion:101 Resp: 7129

Ion Ratio Lower Upper

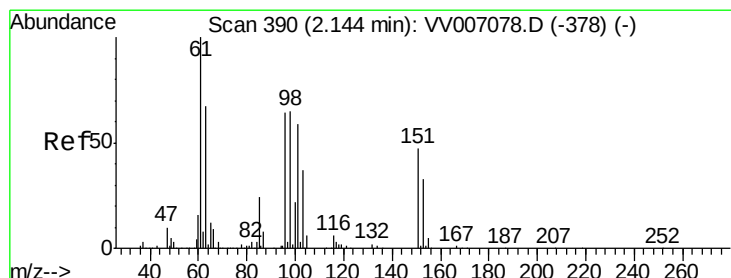
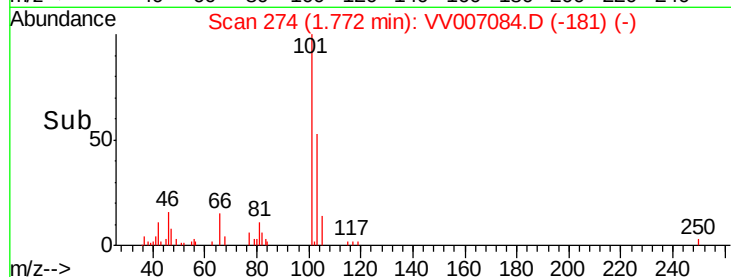
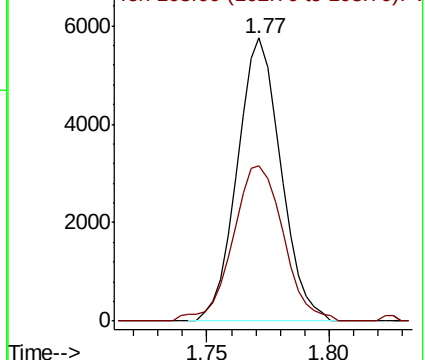
101 100

103 63.4 52.7 79.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1-Dichloroethene

Concen: 138.98 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007084.D

Acq: 20 Aug 2018 20:53

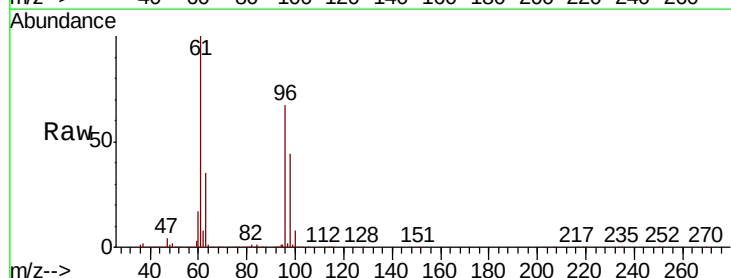
Tgt Ion: 96 Resp: 2360194

Ion Ratio Lower Upper

96 100

61 148.8 111.6 207.4

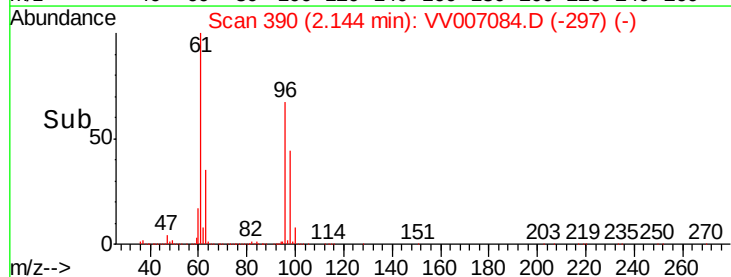
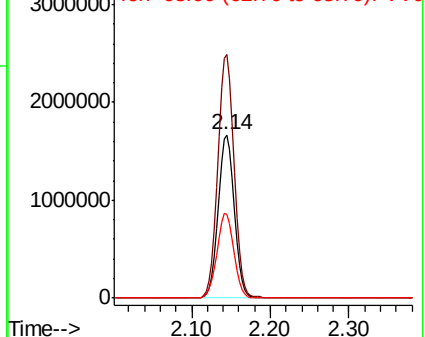
63 51.4 84.9 157.7#

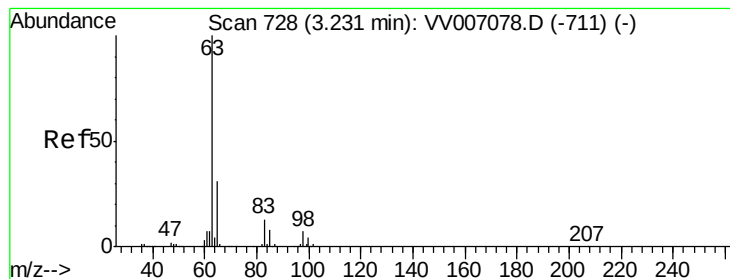


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#19

1,1-Dichloroethane

Concen: 22.87 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007084.D

Acq: 20 Aug 2018 20:53

Instrument :

MSVOA_V

ClientSampleId :

C0361

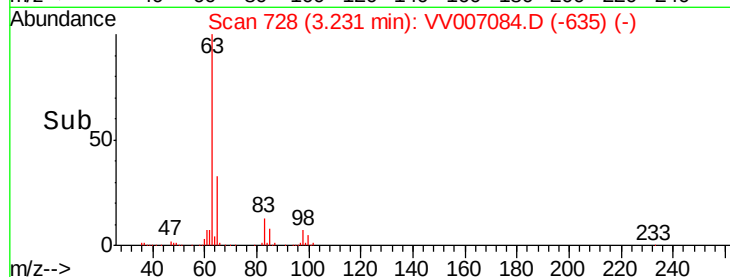
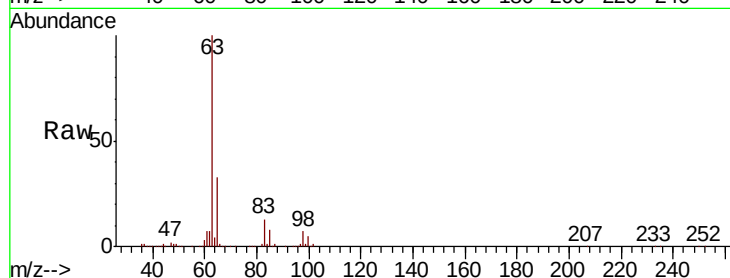
Tot Ion: 63 Resp: 750874

Ion Ratio Lower Upper

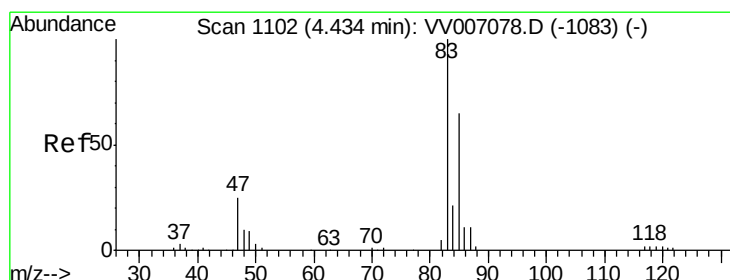
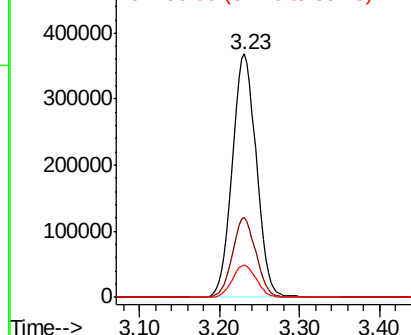
63 100

65 32.9 21.7 40.3

83 13.3 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



#25

Chloroform

Concen: 0.37 ug/L

RT: 4.44 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV007084.D

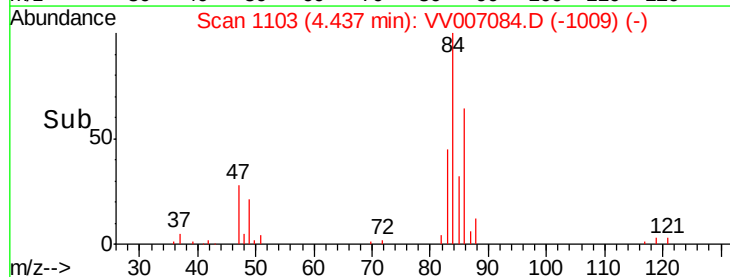
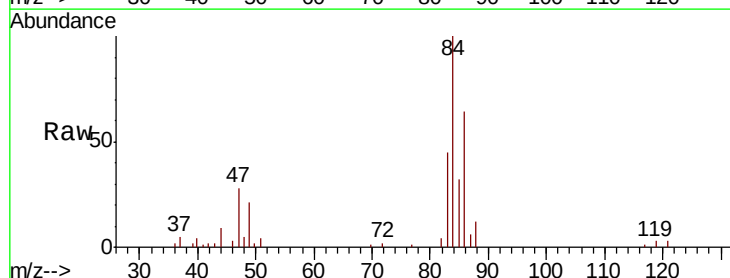
Acq: 20 Aug 2018 20:53

Tgt Ion: 83 Resp: 13208

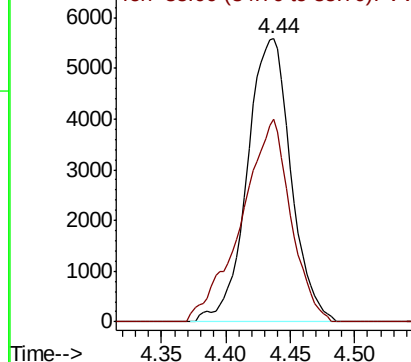
Ion Ratio Lower Upper

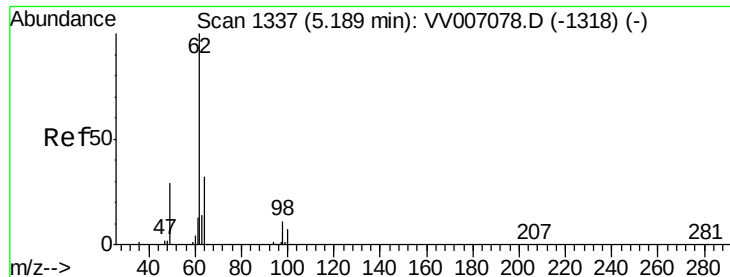
83 100

85 71.4 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

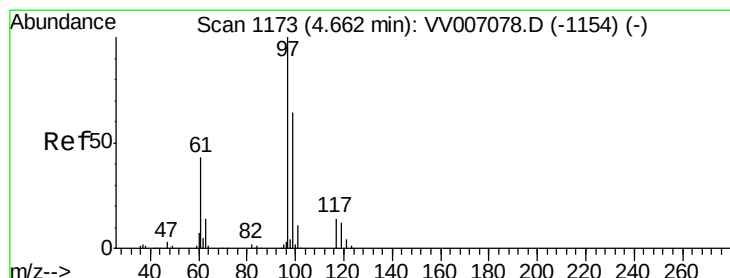
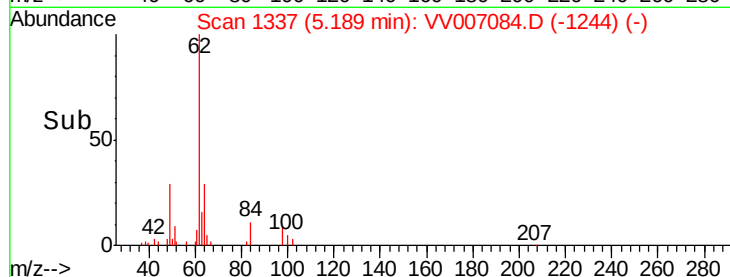
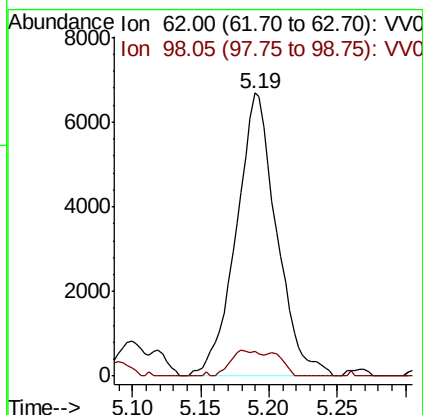
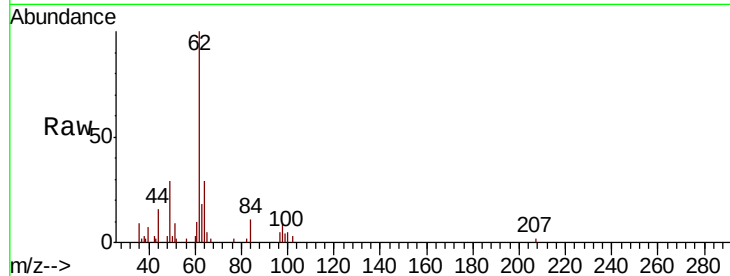




#27
 1,2-Dichloroethane
 Concen: 0.61 ug/L
 RT: 5.19 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VV007084.D
 Acq: 20 Aug 2018 20:53

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Tot Ion: 62 Resp: 13739
 Ion Ratio Lower Upper
 62 100
 98 8.7 7.6 11.4



#29
 1,1,1-Trichloroethane
 Concen: 326.38 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007084.D
 Acq: 20 Aug 2018 20:53

Tgt Ion: 97 Resp: 9912279
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.0 76.6
 61 44.1 36.6 54.8

