

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007093.D
 Acq On : 21 Aug 2018 00:53
 Operator : SY/MD
 Sample : J4515-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0343

Quant Time: Aug 21 07:16:17 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	234413	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230554	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86483	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79836	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	74247	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.14	63	1106410	38.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	779.20%#
20) 2-Butanone-d5	3.97	46	240669	55.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.62%
24) Chloroform-d	4.41	84	177195	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.09	65	90654	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.10	84	340386	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
36) 1,2-Dichloropropane-d6	6.12	67	113802	5.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.40%
41) Toluene-d8	7.37	98	239177	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.67	79	22050	3.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.60%
46) 2-Hexanone-d5	8.15	63	88139	30.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	85265	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	85156	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

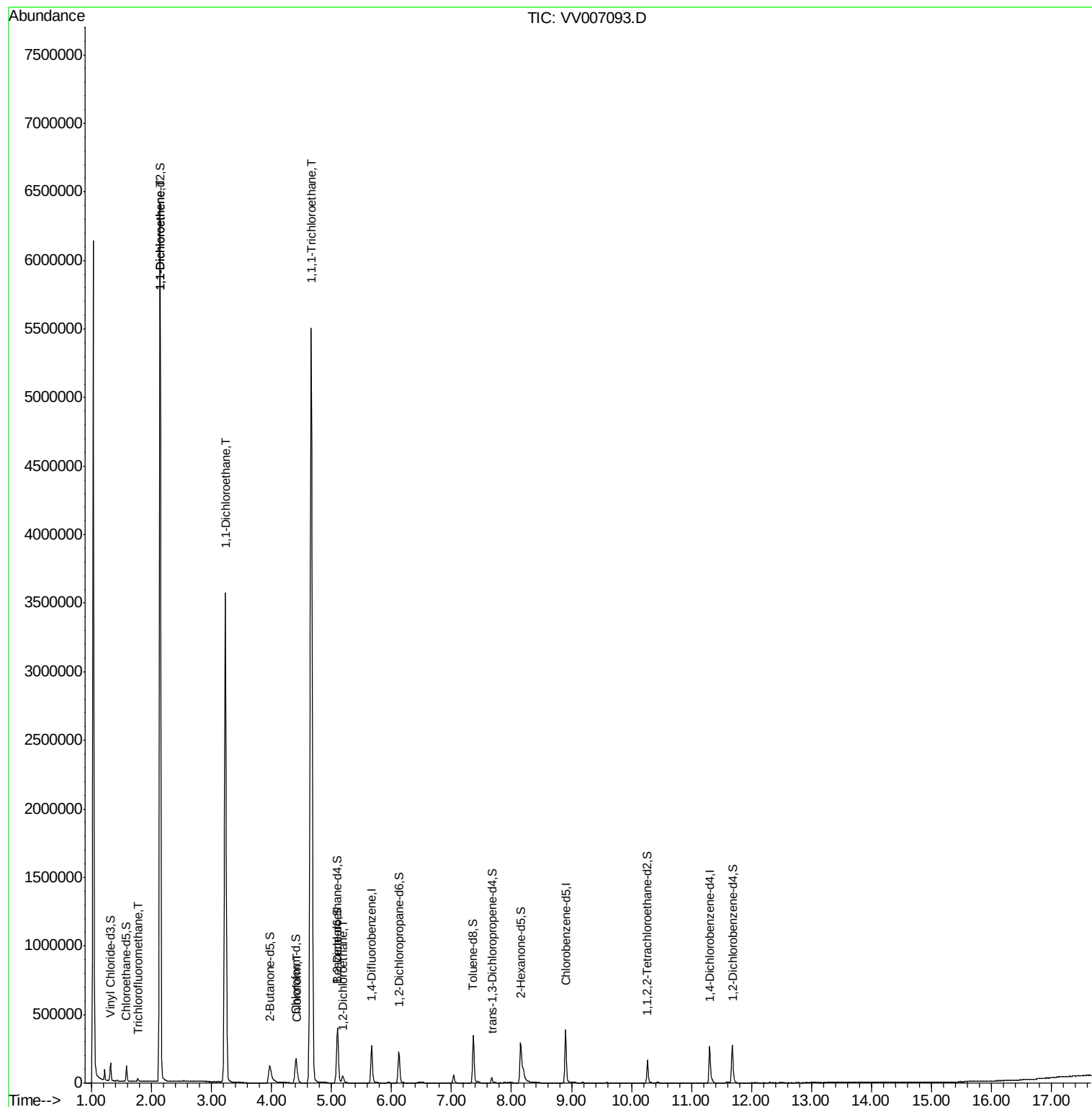
						Ovalue
9) Trichlorofluoromethane	1.77	101	11665	0.40	ug/L	99
12) 1,1-Dichloroethene	2.14	96	1996529	118.61	ug/L #	69
19) 1,1-Dichloroethane	3.23	63	3671863	112.84	ug/L	98
25) Chloroform	4.43	83	31505	0.88	ug/L	96
27) 1,2-Dichloroethane	5.19	62	44848	2.02	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	4413002	143.55	ug/L	98

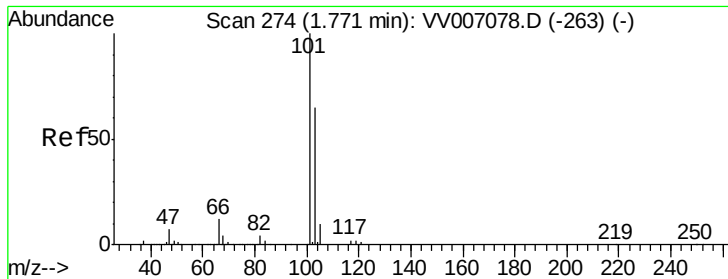
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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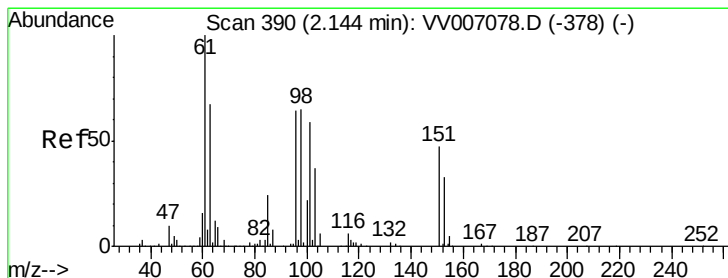
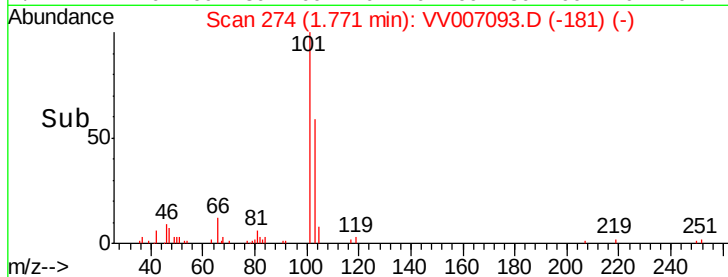
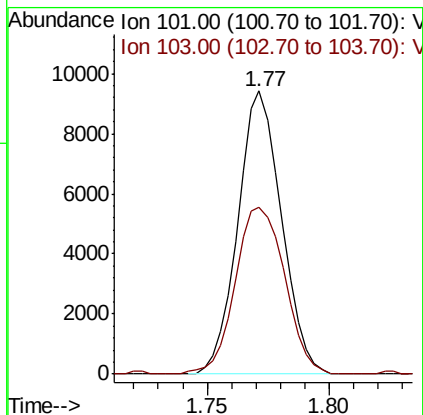
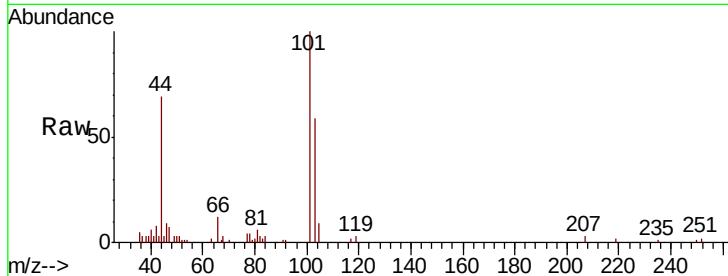


#9

Trichlorofluoromethane
 Concen: 0.40 ug/L
 RT: 1.77 min Scan# 274
 Delta R.T. 0.00 min
 Lab File: VV007093.D
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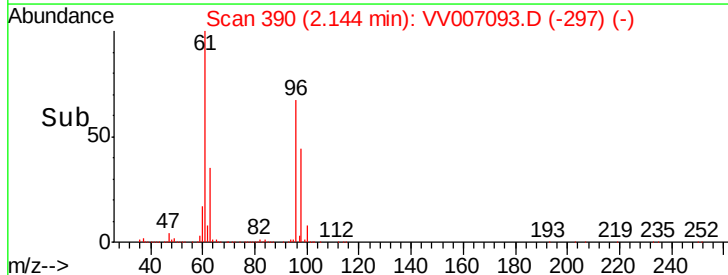
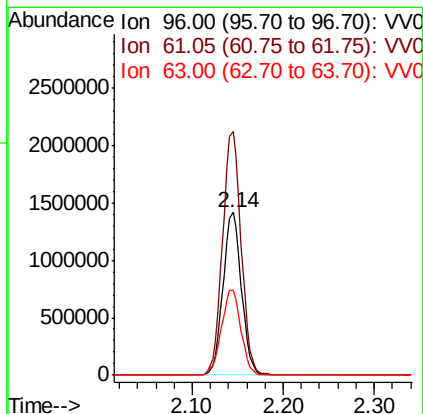
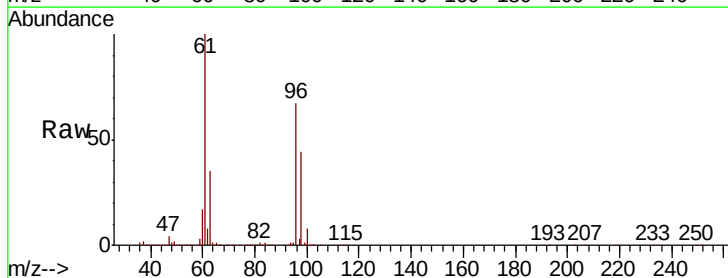
Tot Ion:101 Resp: 11665
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.7 79.1

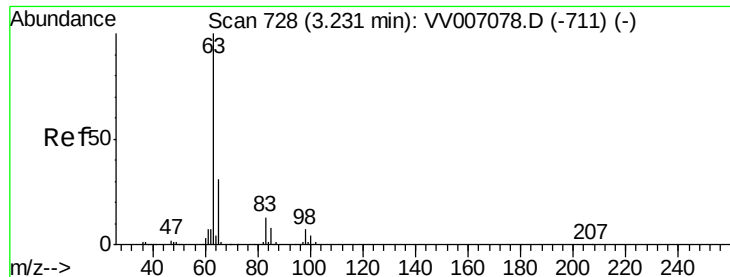


#12

1,1-Dichloroethene
 Concen: 118.61 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV007093.D
 Acq: 21 Aug 2018 00:53

Tgt Ion: 96 Resp: 1996529
 Ion Ratio Lower Upper
 96 100
 61 149.9 111.6 207.4
 63 52.2 84.9 157.7#





#19

1,1-Dichloroethane

Concen: 112.84 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007093.D

Acq: 21 Aug 2018 00:53

Instrument :

MSVOA_V

ClientSampleId :

C0343

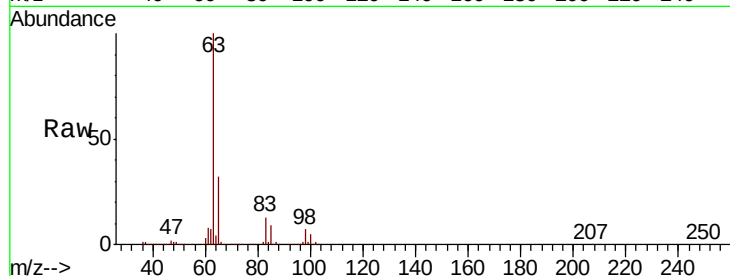
Tot Ion: 63 Resp: 3671863

Ion Ratio Lower Upper

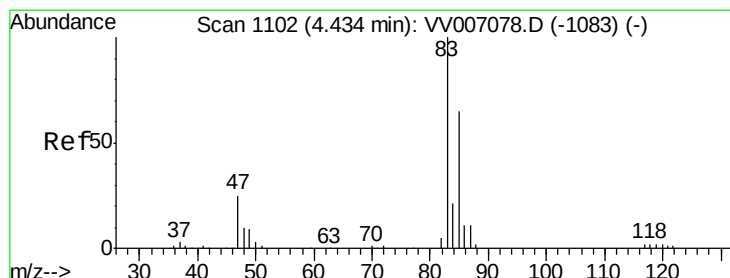
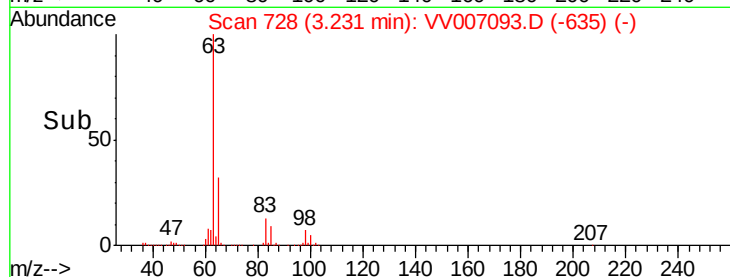
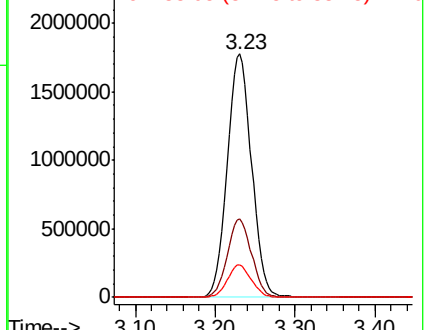
63 100

65 32.1 21.7 40.3

83 13.2 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: 0.88 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV007093.D

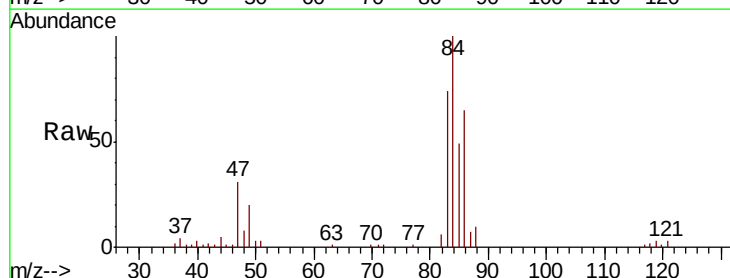
Acq: 21 Aug 2018 00:53

Tgt Ion: 83 Resp: 31505

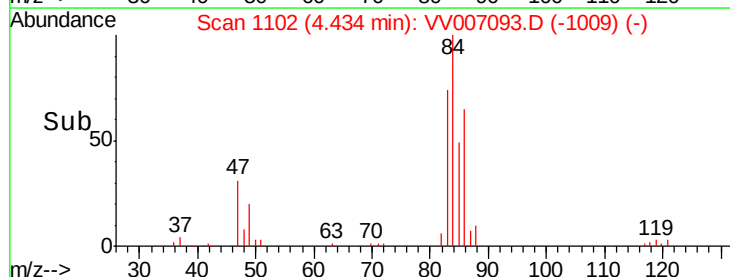
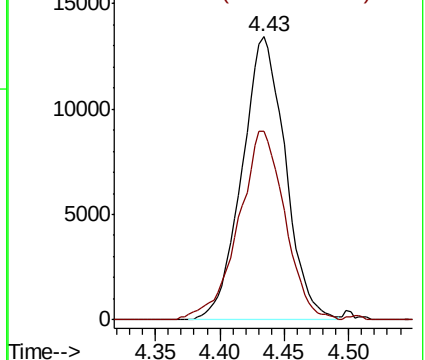
Ion Ratio Lower Upper

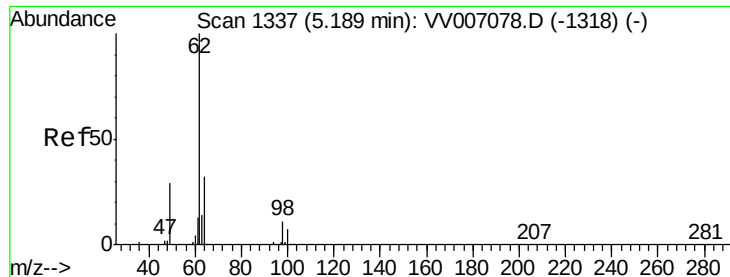
83 100

85 66.5 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: 2.02 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VV007093.D

Acq: 21 Aug 2018 00:53

Instrument :

MSVOA_V

ClientSampleId :

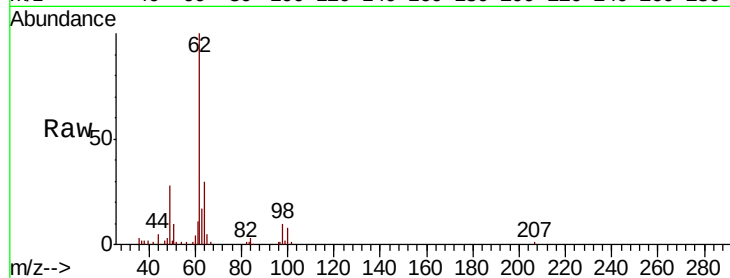
C0343

Tot Ion: 62 Resp: 44848

Ion Ratio Lower Upper

62 100

98 10.1 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VV007078.D (-1318) (-)

Ion 98.05 (97.75 to 98.75): VV007078.D (-1318) (-)

25000

20000

15000

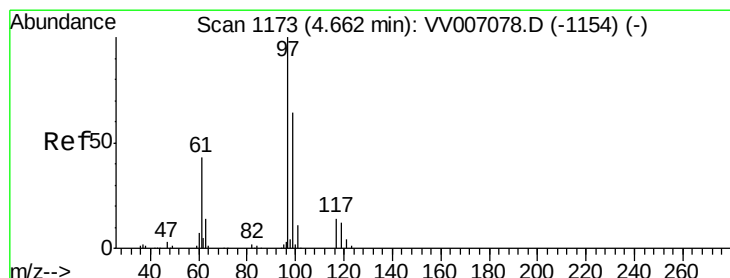
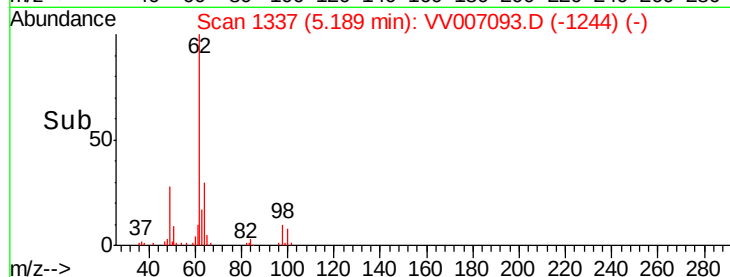
10000

5000

0

Time-->

5.10 5.15 5.20 5.25



#29

1,1,1-Trichloroethane

Concen: 143.55 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007093.D

Acq: 21 Aug 2018 00:53

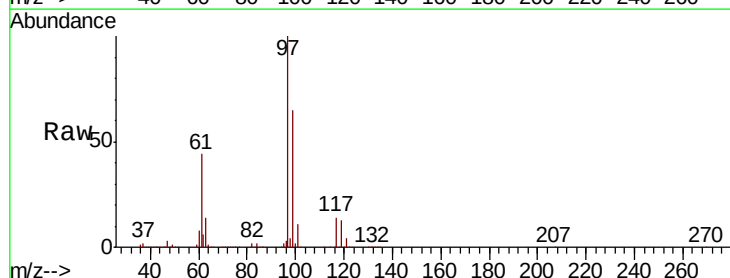
Tgt Ion: 97 Resp: 4413002

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.6

61 43.6 36.6 54.8



Abundance Ion 96.95 (96.65 to 97.65): VV007078.D (-1154) (-)

Ion 99.05 (98.75 to 99.75): VV007078.D (-1154) (-)

Ion 61.05 (60.75 to 61.75): VV007078.D (-1154) (-)

2500000

2000000

1500000

1000000

500000

0

Time-->

4.50 4.60 4.70 4.80

