

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007088.D
 Acq On : 20 Aug 2018 22:40
 Operator : SY/MD
 Sample : J4515-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0333

Quant Time: Aug 21 06:55:51 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	232052	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85508	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78166	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	70231	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.13	63	144468	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	3.97	46	230978	53.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.24%
24) Chloroform-d	4.40	84	172882	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.80%
26) 1,2-Dichloroethane-d4	5.09	65	87718	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.10	84	317883	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.20%
36) 1,2-Dichloropropane-d6	6.12	67	109401	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.37	98	233122	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.67	79	20800	3.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.60%
46) 2-Hexanone-d5	8.15	63	82623	29.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81711	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	82589	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

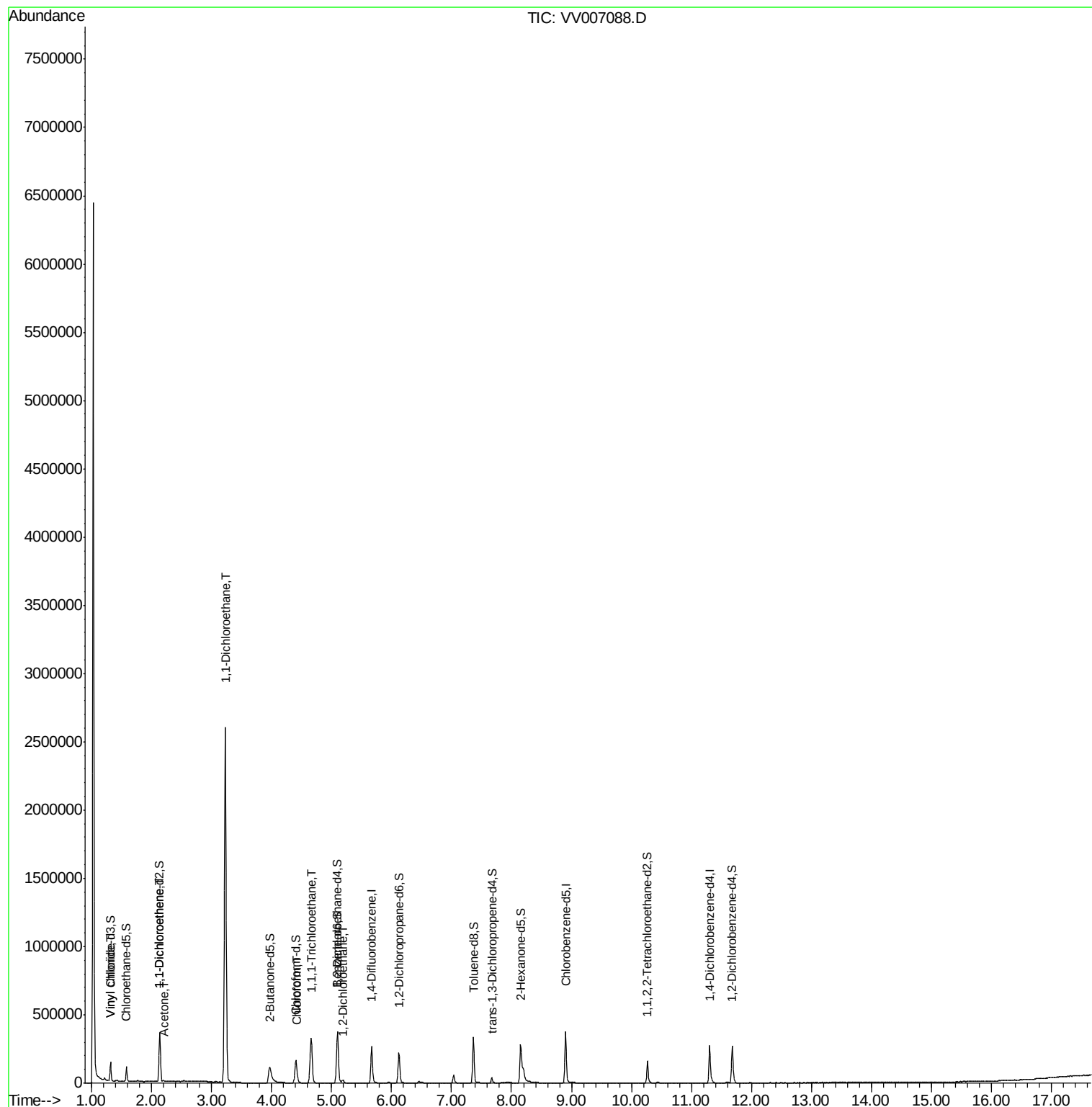
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	9025	0.40	ug/L	89
12) 1,1-Dichloroethene	2.14	96	70467	4.23	ug/L	95
13) Acetone	2.21	43	5508	2.48	ug/L	96
19) 1,1-Dichloroethane	3.23	63	2681346	83.24	ug/L	98
25) Chloroform	4.43	83	11726	0.33	ug/L	93
27) 1,2-Dichloroethane	5.19	62	14407	0.66	ug/L #	90
29) 1,1,1-Trichloroethane	4.66	97	268119	8.96	ug/L	98

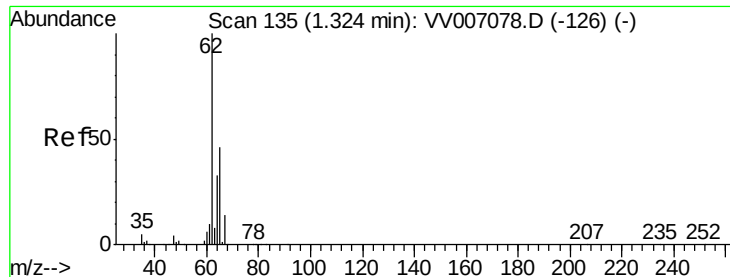
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.40 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV007088.D

Acq: 20 Aug 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

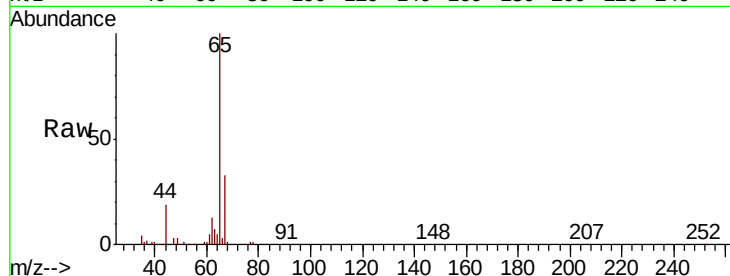
C0333

Tot Ion: 62 Resp: 9025

Ion Ratio Lower Upper

62 100

64 39.8 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

10000

8000

6000

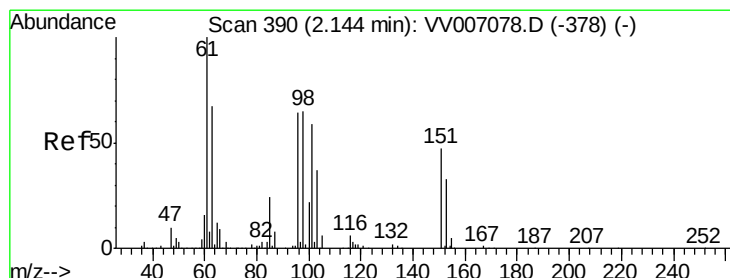
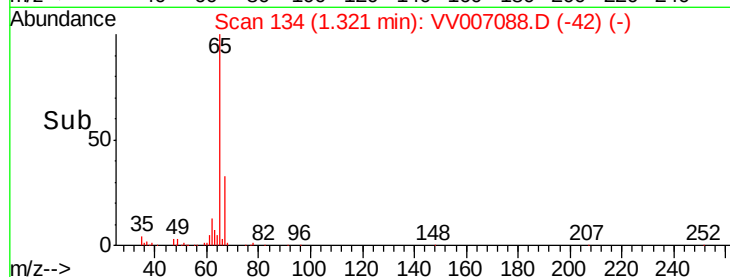
4000

2000

0

Time-->

1.30 1.35



#12

1,1-Dichloroethene

Concen: 4.23 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007088.D

Acq: 20 Aug 2018 22:40

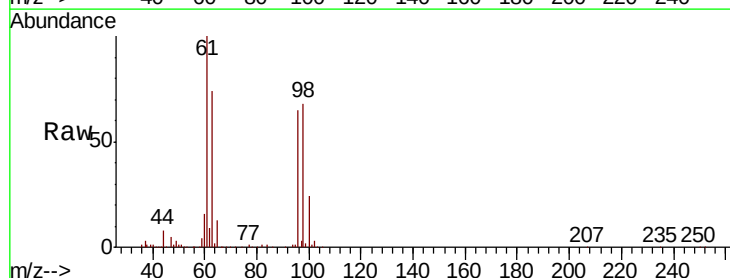
Tgt Ion: 96 Resp: 70467

Ion Ratio Lower Upper

96 100

61 154.6 111.6 207.4

63 114.8 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

120000

100000

80000

60000

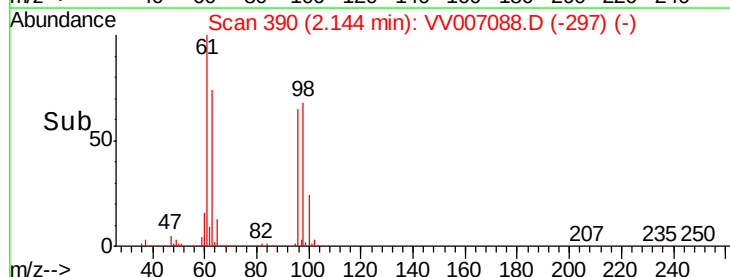
40000

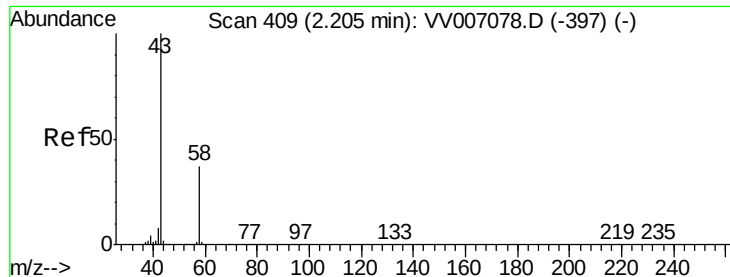
20000

0

Time-->

2.10 2.15 2.20





#13

Acetone

Concen: 2.48 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007088.D

Acq: 20 Aug 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

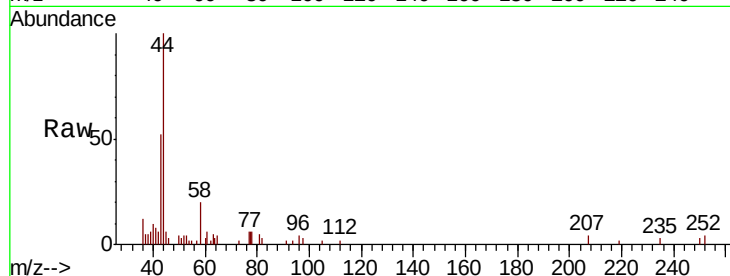
C0333

Tot Ion: 43 Resp: 5508

Ion Ratio Lower Upper

43 100

58 33.4 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

3000

2500

2000

1500

1000

500

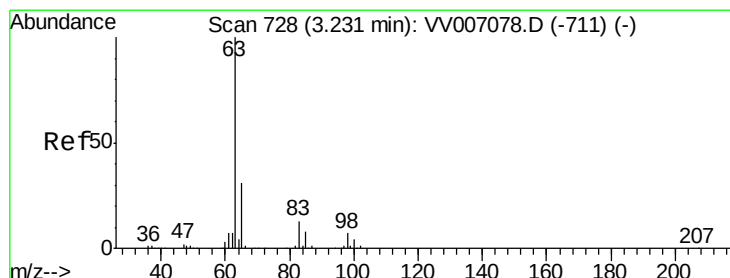
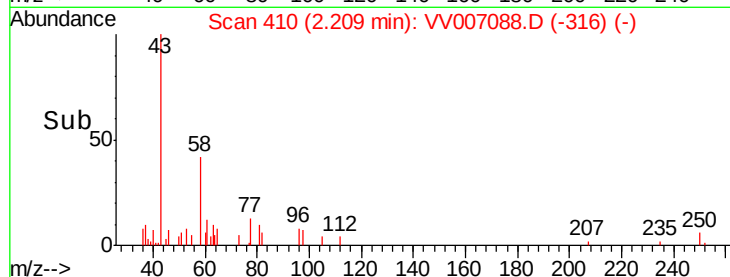
0

2.21

2.20

2.25

Time-->



#19

1,1-Dichloroethane

Concen: 83.24 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007088.D

Acq: 20 Aug 2018 22:40

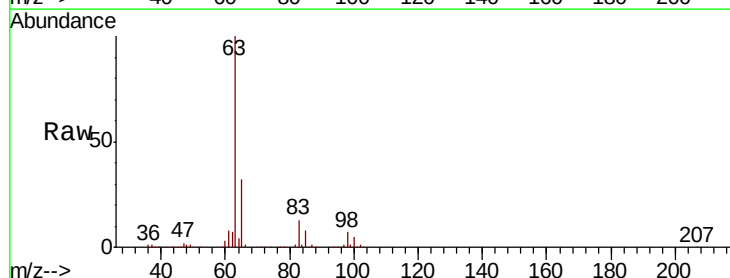
Tgt Ion: 63 Resp: 2681346

Ion Ratio Lower Upper

63 100

65 31.8 21.7 40.3

83 12.9 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

1500000

1000000

500000

0

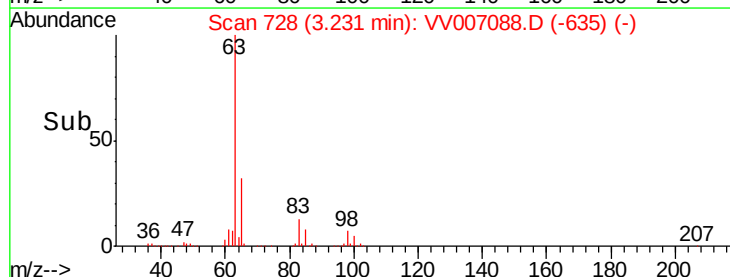
3.23

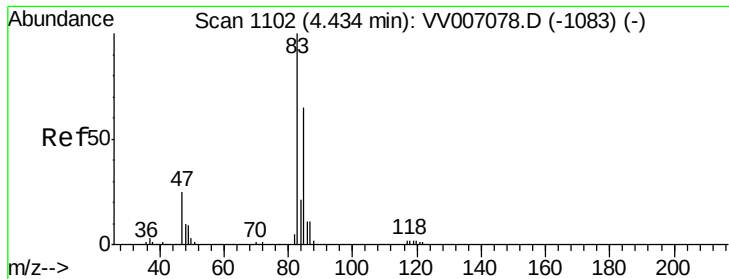
3.20

3.30

3.40

Time-->





#25

Chloroform

Concen: 0.33 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV007088.D

Acq: 20 Aug 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

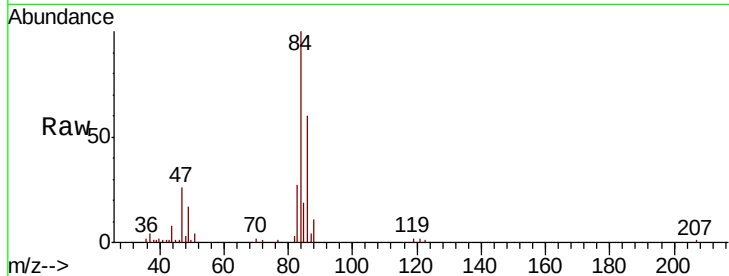
C0333

Tot Ion: 83 Resp: 11726

Ion Ratio Lower Upper

83 100

85 69.3 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV007078.D (-1083) (-)

Ion 85.00 (84.70 to 85.70): VV007078.D (-1083) (-)

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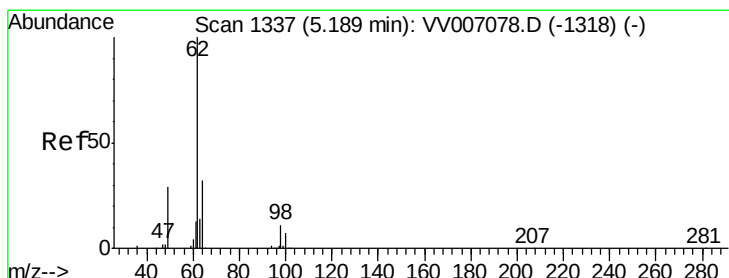
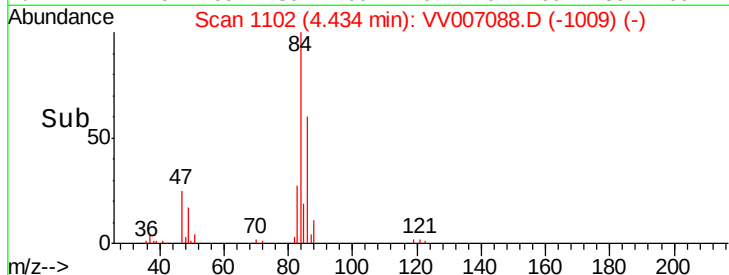
4.43

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4.43



#27

1,2-Dichloroethane

Concen: 0.66 ug/L

RT: 5.19 min Scan# 1338

Delta R.T. 0.00 min

Lab File: VV007088.D

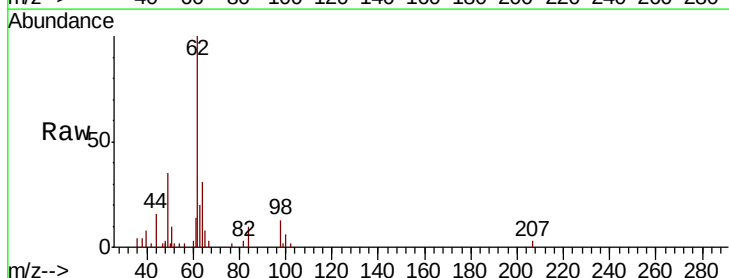
Acq: 20 Aug 2018 22:40

Tgt Ion: 62 Resp: 14407

Ion Ratio Lower Upper

62 100

98 13.2 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) (-)

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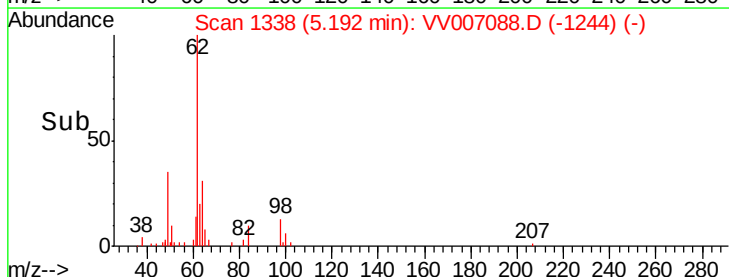
5.19

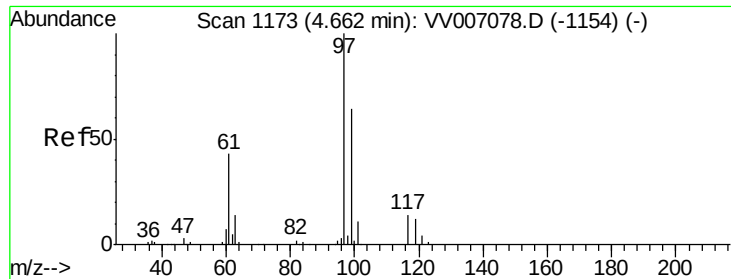
5.19

5.19

5.19

5.19





#29

1,1,1-Trichloroethane

Concen: 8.96 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007088.D

Acq: 20 Aug 2018 22:40

Instrument :

MSVOA_V

ClientSampleId :

C0333

Tot Ion: 97 Resp: 268119

Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.6

61 43.3 36.6 54.8

