

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081518\
 Data File : VV007027.D
 Acq On : 15 Aug 2018 22:19
 Operator : SY/MD
 Sample : J4487-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z7

Quant Time: Aug 16 04:46:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	205233	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	199860	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79012	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65401	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	55055	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	92142	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.97	46	168623	44.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.52%
24) Chloroform-d	4.41	84	124526	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.09	65	63407	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.10	84	237377	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	78828	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.37	98	175488	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.67	79	23551	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.15	63	77152	30.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59621	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	61644	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

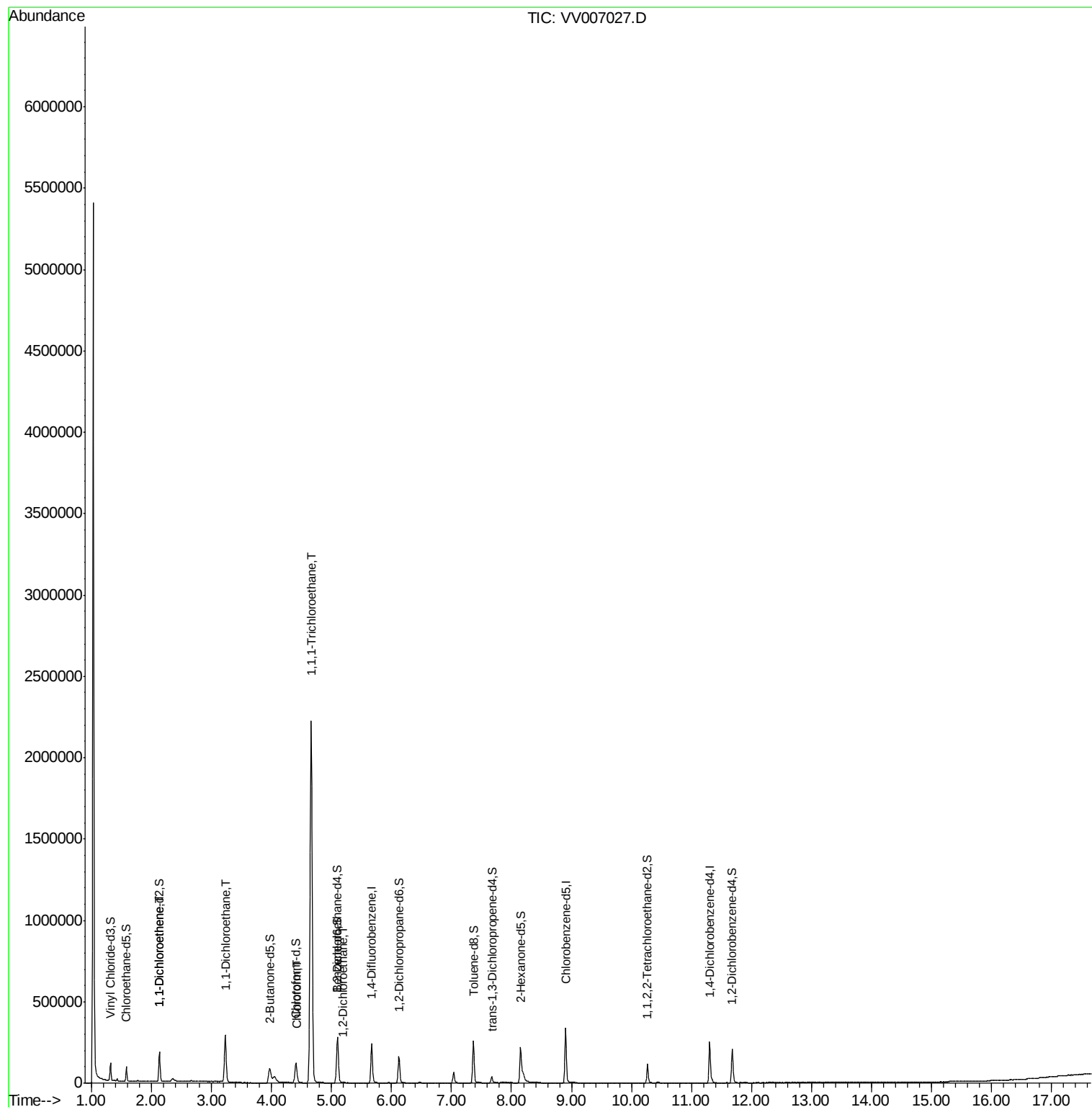
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.14	96	10001	0.68	ug/L	# 1
19) 1,1-Dichloroethane	3.23	63	297162	10.43	ug/L	99
25) Chloroform	4.44	83	7537	0.24	ug/L	79
27) 1,2-Dichloroethane	5.19	62	3937	0.20	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	1782422	66.88	ug/L	98

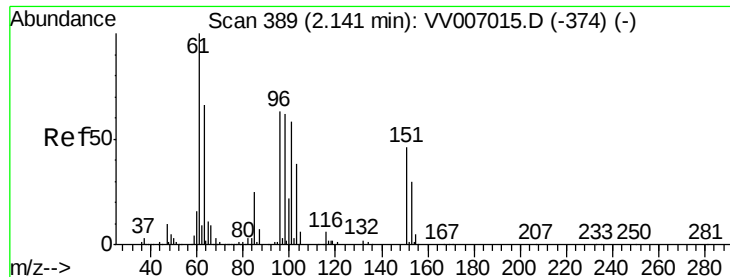
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 16 02:48:57 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.68 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007027.D

Acq: 15 Aug 2018 22:19

Instrument :

MSVOA_V

ClientSampleId :

C02Z7

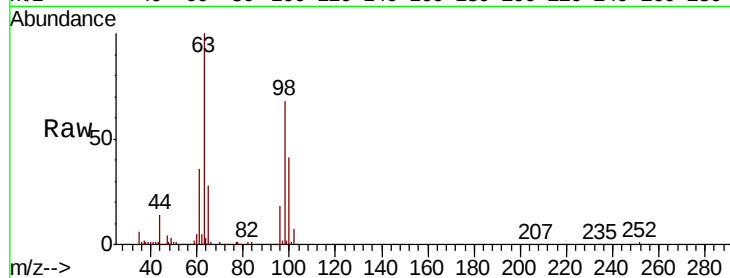
Tot Ion: 96 Resp: 10001

Ion Ratio Lower Upper

96 100

61 202.4 111.6 207.4

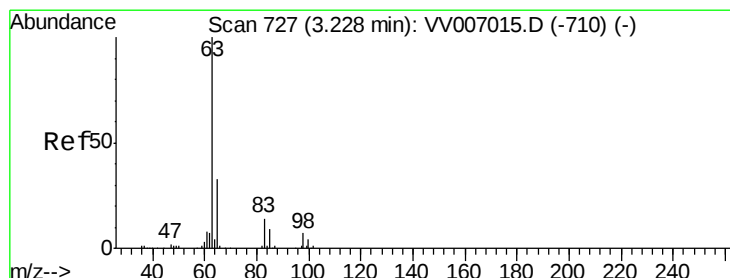
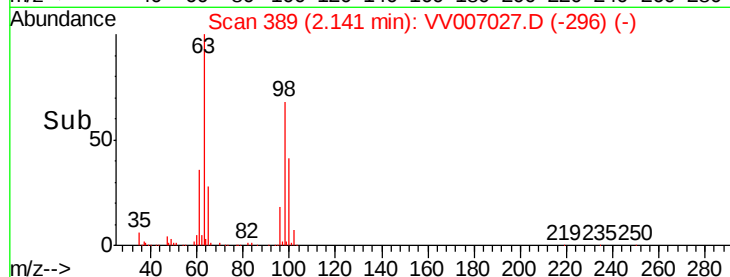
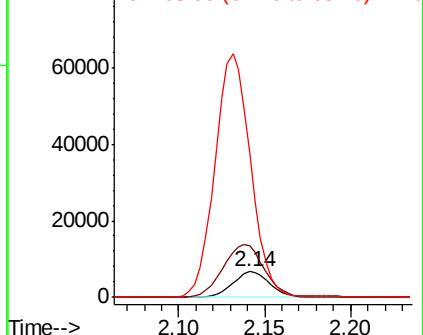
63 561.2 84.9 157.7#



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: 10.43 ug/L

RT: 3.23 min Scan# 727

Delta R.T. 0.00 min

Lab File: VV007027.D

Acq: 15 Aug 2018 22:19

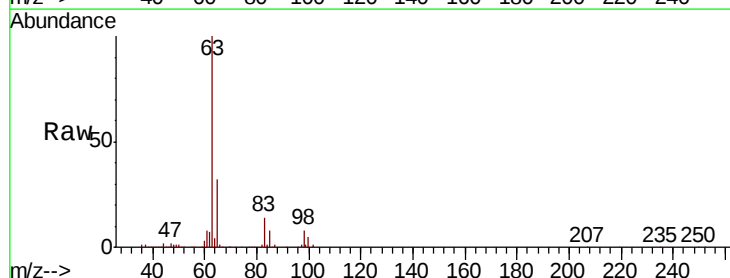
Tgt Ion: 63 Resp: 297162

Ion Ratio Lower Upper

63 100

65 31.5 21.7 40.3

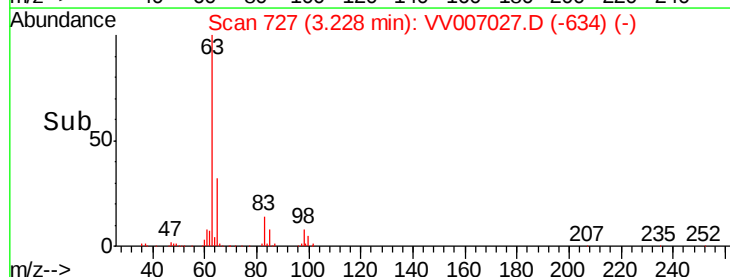
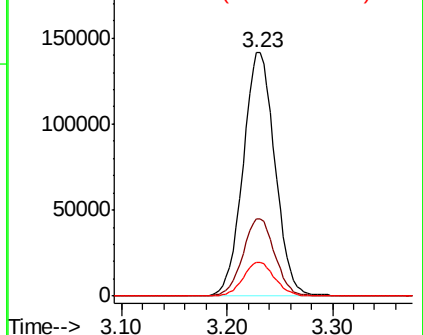
83 14.0 10.0 18.6

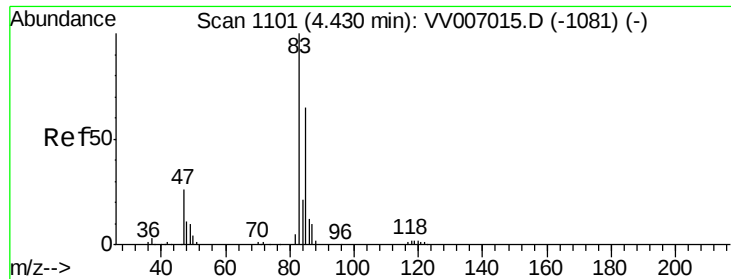


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0

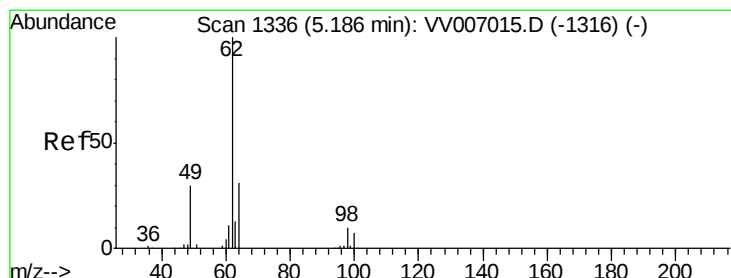
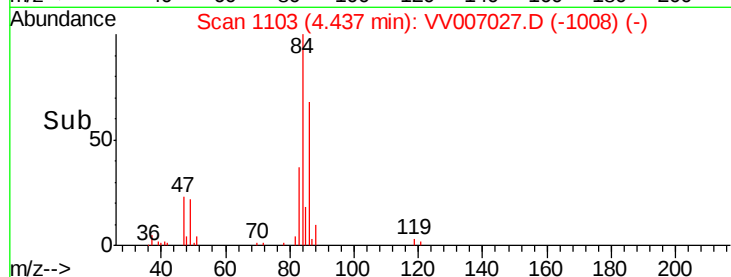
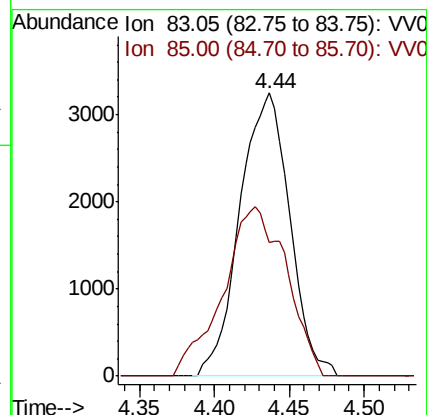
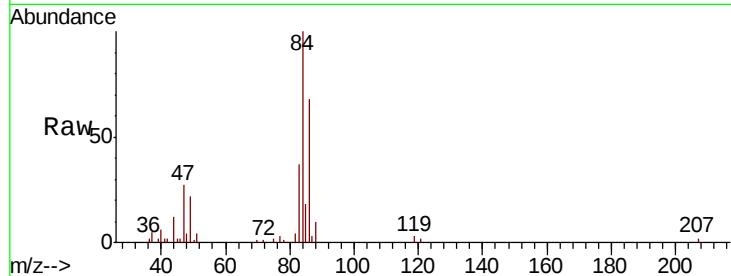




#25
Chloroform
Concen: 0.24 ug/L
RT: 4.44 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV007027.D
Acq: 15 Aug 2018 22:19

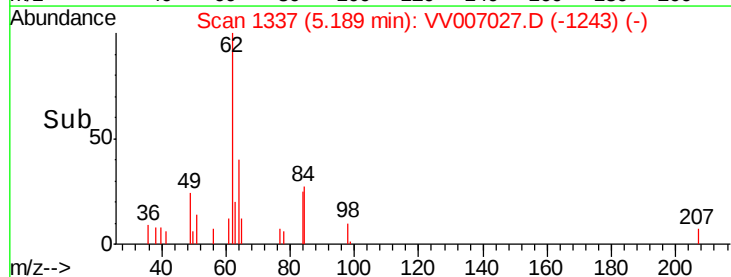
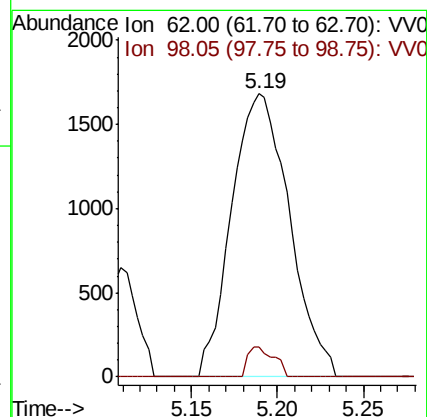
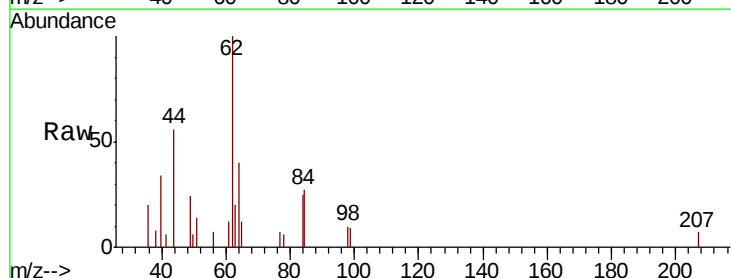
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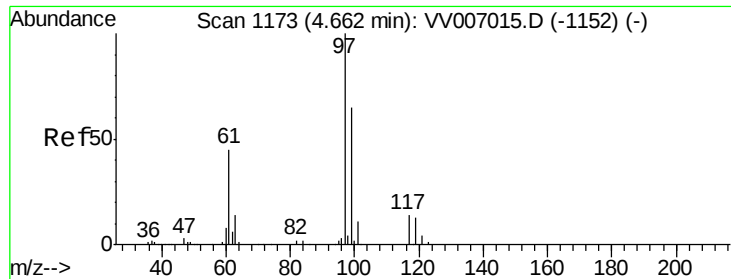
Tot Ion: 83 Resp: 7537
Ion Ratio Lower Upper
83 100
85 47.3 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.20 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV007027.D
Acq: 15 Aug 2018 22:19

Tgt Ion: 62 Resp: 3937
Ion Ratio Lower Upper
62 100
98 10.4 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 66.88 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007027.D

Acq: 15 Aug 2018 22:19

Instrument :

MSVOA_V

ClientSampleId :

C02Z7

Tot Ion: 97 Resp: 1782422

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.6

61 44.4 36.6 54.8

