

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081518\
 Data File : VV007031.D
 Acq On : 16 Aug 2018 00:06
 Operator : SY/MD
 Sample : J4487-17
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0349

Quant Time: Aug 16 04:52:43 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	201466	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67263	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.58	69	54813	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.14	63	479245	19.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	392.80%#
20) 2-Butanone-d5	3.97	46	173267	46.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.66%
24) Chloroform-d	4.41	84	124975	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	65903	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	249529	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.12	67	83247	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.37	98	179831	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.67	79	24899	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.15	63	77453	32.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61400	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	62648	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

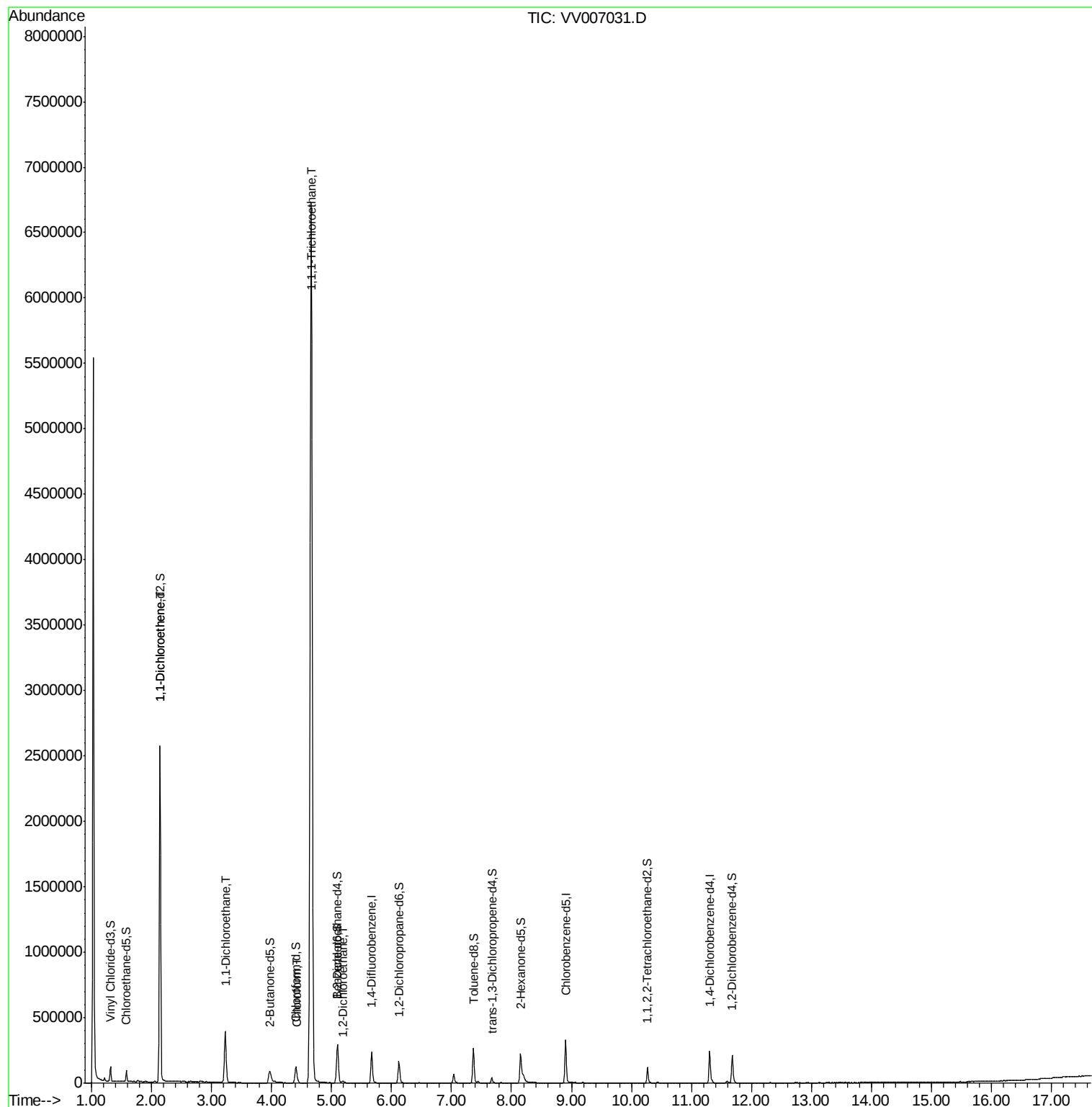
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.14	96	780310	53.94	ug/L	# 73
19) 1,1-Dichloroethane	3.23	63	396590	14.18	ug/L	99
25) Chloroform	4.43	83	8682	0.28	ug/L	99
27) 1,2-Dichloroethane	5.19	62	8557	0.45	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	5385439	212.76	ug/L	99

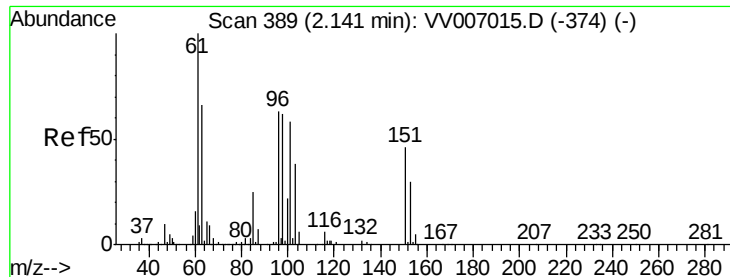
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 53.94 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

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Acq: 16 Aug 2018 00:06

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MSVOA_V

ClientSampleId :

C0349

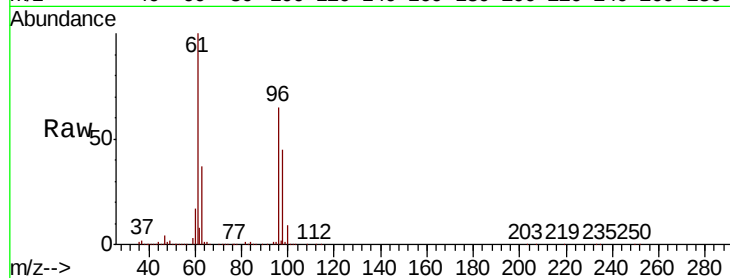
Tot Ion: 96 Resp: 780310

Ion Ratio Lower Upper

96 100

61 154.5 111.6 207.4

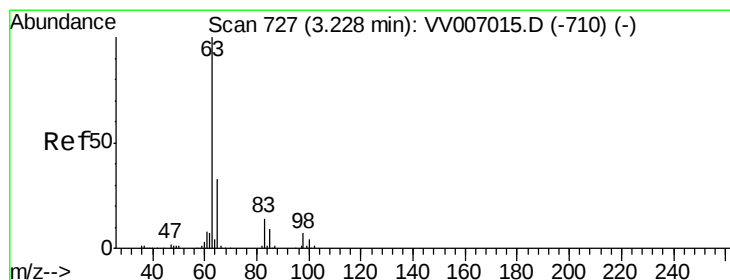
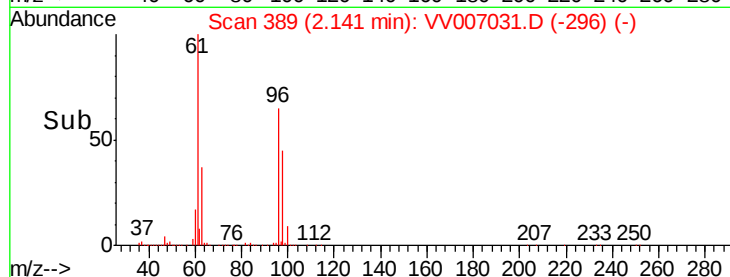
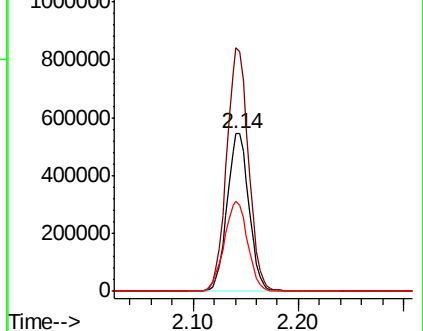
63 57.4 84.9 157.7#



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: 14.18 ug/L

RT: 3.23 min Scan# 728

Delta R.T. 0.00 min

Lab File: VV007031.D

Acq: 16 Aug 2018 00:06

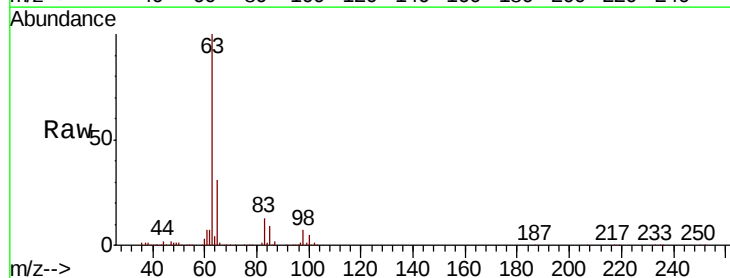
Tgt Ion: 63 Resp: 396590

Ion Ratio Lower Upper

63 100

65 31.4 21.7 40.3

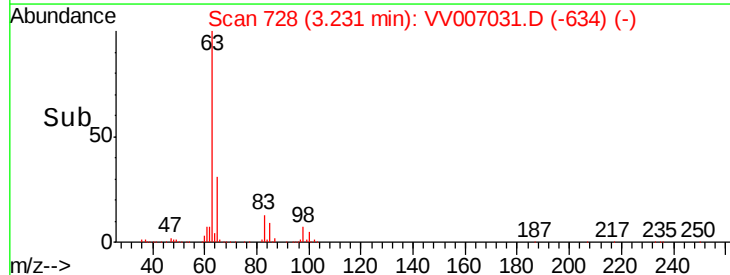
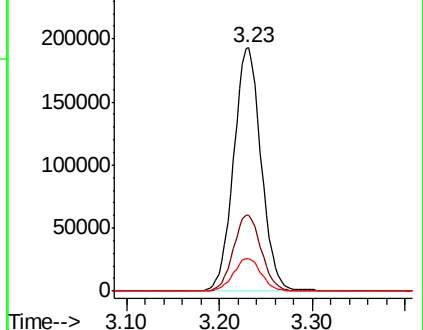
83 13.2 10.0 18.6

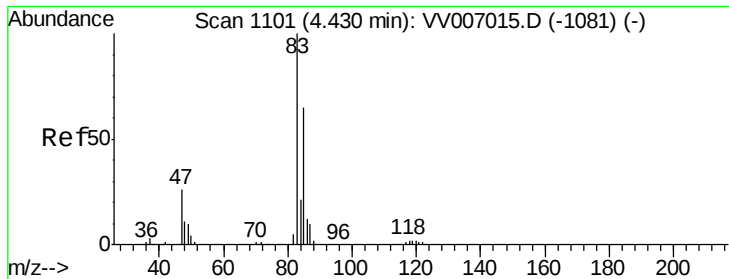


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0





#25

Chloroform

Concen: 0.28 ug/L

RT: 4.43 min Scan# 1101

Delta R.T. -0.00 min

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ClientSampleId :

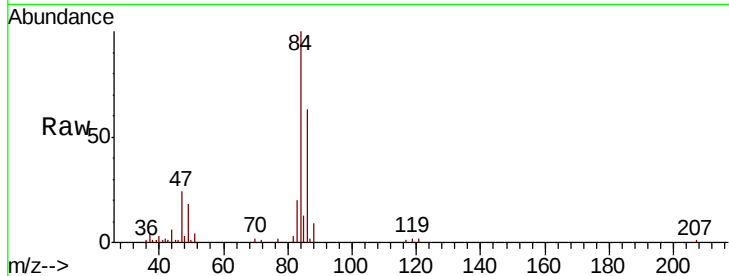
C0349

Tot Ion: 83 Resp: 8682

Ion Ratio Lower Upper

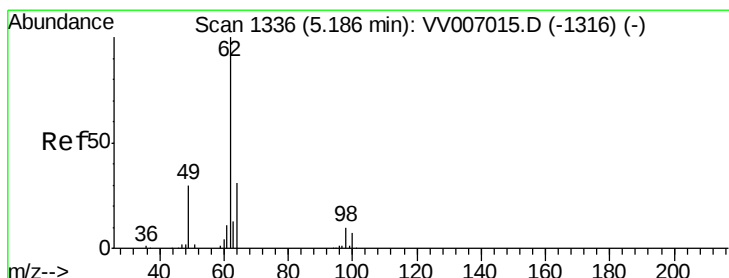
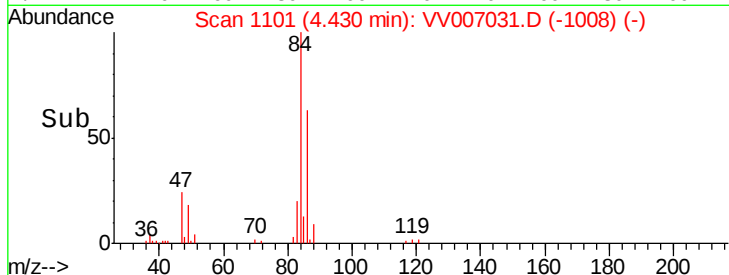
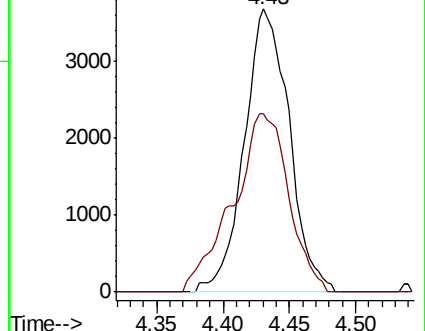
83 100

85 62.9 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV007015.D (-1081) (-)

Ion 85.00 (84.70 to 85.70): VV007015.D (-1081) (-)



#27

1,2-Dichloroethane

Concen: 0.45 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VV007031.D

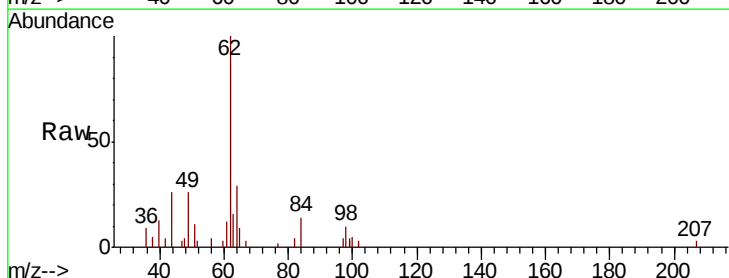
Acq: 16 Aug 2018 00:06

Tgt Ion: 62 Resp: 8557

Ion Ratio Lower Upper

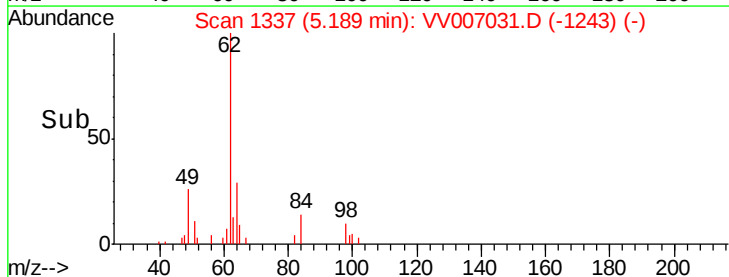
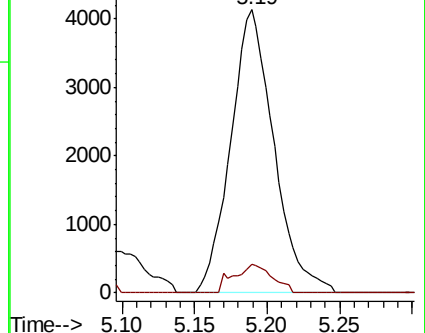
62 100

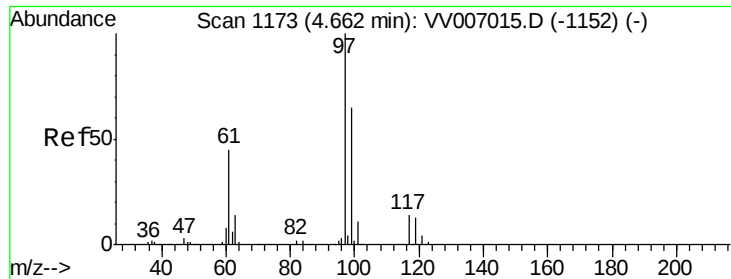
98 10.1 7.6 11.4



Abundance Ion 62.00 (61.70 to 62.70): VV007015.D (-1316) (-)

Ion 98.05 (97.75 to 98.75): VV007015.D (-1316) (-)





#29
 1,1,1-Trichloroethane
 Concen: 212.76 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV007031.D
 Acq: 16 Aug 2018 00:06

Instrument :
 MSVOA_V
 ClientSampleId :
 C0349

Tot Ion: 97 Resp: 5385439

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	44.5	36.6	54.8

