

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007148.D
 Acq On : 23 Aug 2018 18:54
 Operator : SY/MD
 Sample : J4599-14
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOL0

Quant Time: Aug 24 02:32:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 02:07:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	519895	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	483945	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	175789	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	143283	43.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.70%
7) Chloroethane-d5	1.57	69	124660	59.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.66%
11) 1,1-Dichloroethene-d2	2.13	63	205584	33.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.96%
21) 2-Butanone-d5	3.95	46	273145	98.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.23%
24) Chloroform-d	4.41	84	330034	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
26) 1,2-Dichloroethane-d4	5.09	65	209161	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
32) Benzene-d6	5.10	84	658640	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
36) 1,2-Dichloropropane-d6	6.12	67	223559	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.50%
41) Toluene-d8	7.37	98	506657	42.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.62%
43) trans-1,3-Dichloropropene-	7.67	79	83698	43.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.88%
47) 2-Hexanone-d5	8.14	63	113739	71.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.89%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	299386	46.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	187176	52.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.92%

Target Compounds

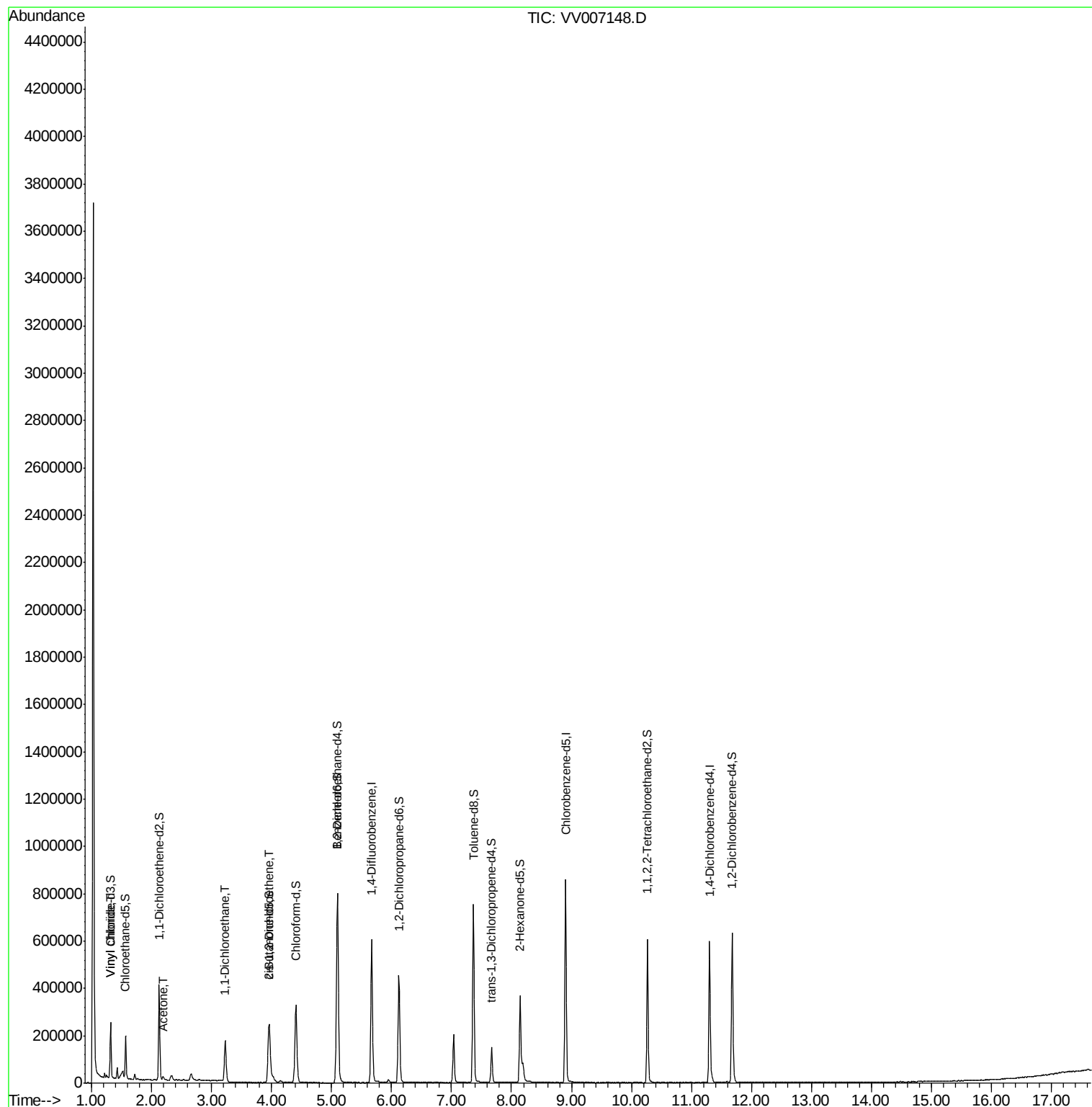
					Ovalue
5) Vinyl chloride	1.32	62	19899	4.03	ug/L 85
13) Acetone	2.20	43	9478	4.35	ug/L 91
19) 1,1-Dichloroethane	3.23	63	181501	23.50	ug/L 97
20) cis-1,2-Dichloroethene	3.97	96	52094	11.94	ug/L 98

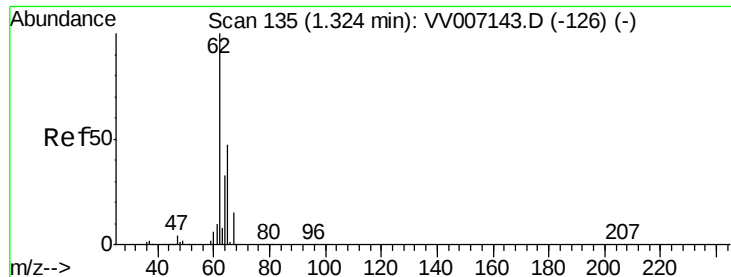
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.03 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007148.D

Acq: 23 Aug 2018 18:54

Instrument :

MSVOA_V

ClientSampled :

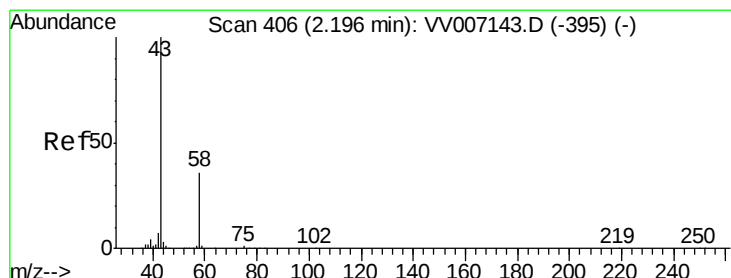
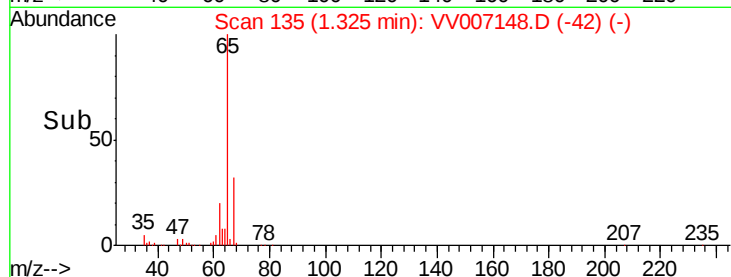
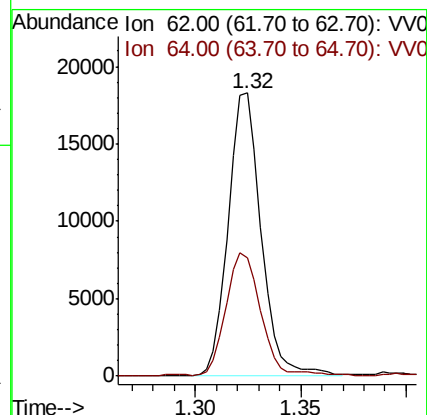
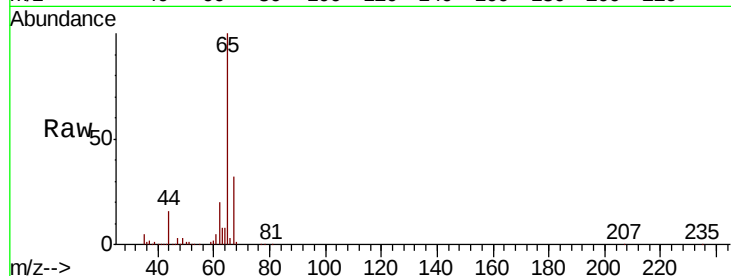
ETOL0

Tot Ion: 62 Resp: 19899

Ion Ratio Lower Upper

62 100

64 41.9 23.4 43.4



#13

Acetone

Concen: 4.35 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.00 min

Lab File: VV007148.D

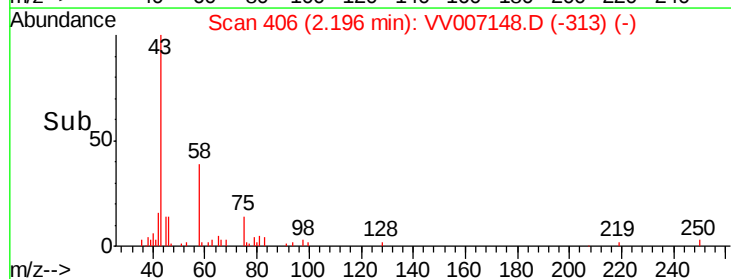
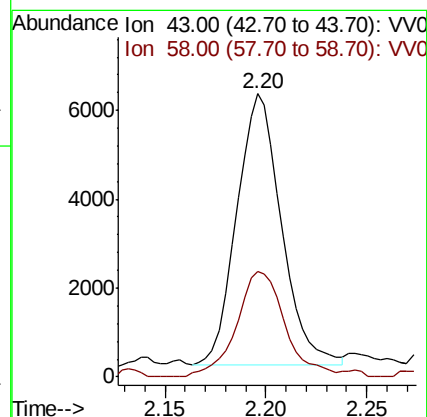
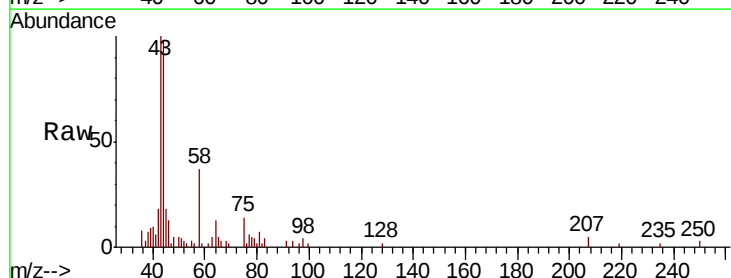
Acq: 23 Aug 2018 18:54

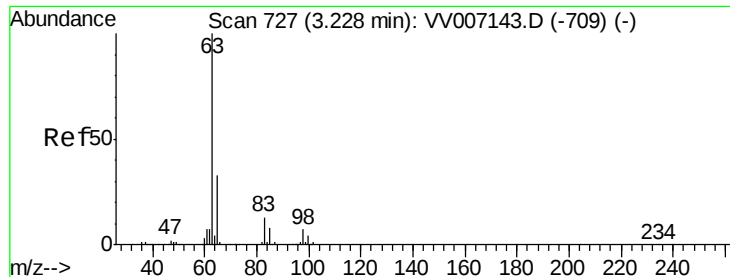
Tgt Ion: 43 Resp: 9478

Ion Ratio Lower Upper

43 100

58 42.1 0.0 73.0

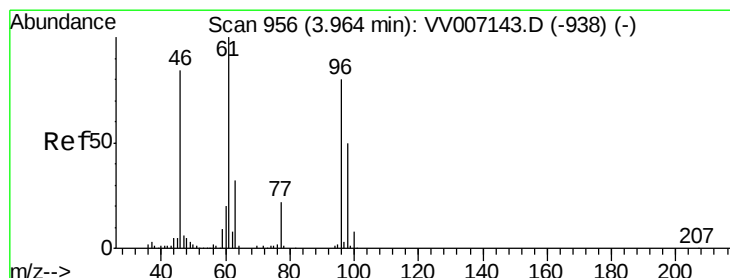
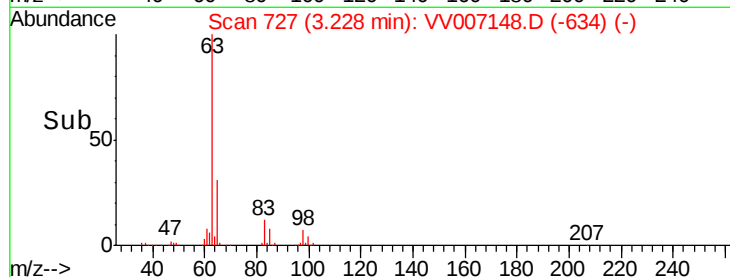
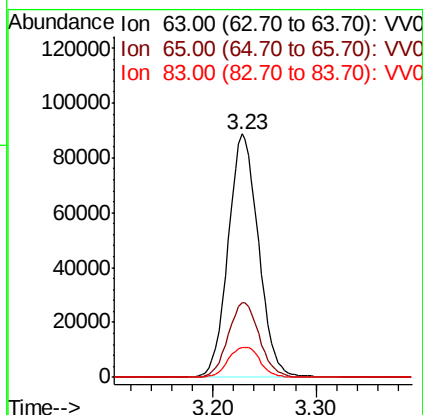
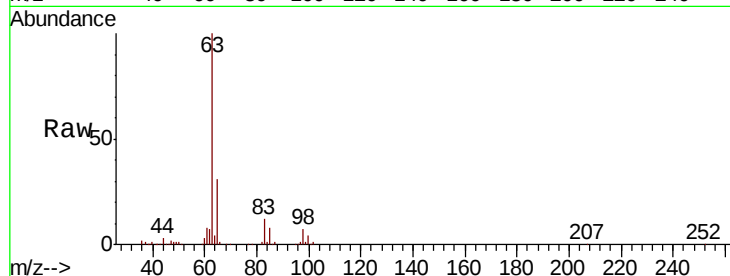




#19
 1,1-Dichloroethane
 Concen: 23.50 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.7	42.3
83	12.1	9.4	17.6



#20
 cis-1,2-Dichloroethene
 Concen: 11.94 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV007148.D
 Acq: 23 Aug 2018 18:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.6	89.0	165.4
68	0.0	0.0	0.0

