

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082318\
 Data File : VV007147.D
 Acq On : 23 Aug 2018 18:29
 Operator : SY/MD
 Sample : J4599-13
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOK9

Quant Time: Aug 24 02:28:33 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	515166	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	478415	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	172585	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144640	44.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.36%
7) Chloroethane-d5	1.57	69	124842	59.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.92%
11) 1,1-Dichloroethene-d2	2.13	63	208035	34.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.40%
21) 2-Butanone-d5	3.96	46	271399	98.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	4.41	84	331029	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
26) 1,2-Dichloroethane-d4	5.09	65	208382	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.10	84	656032	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
36) 1,2-Dichloropropane-d6	6.12	67	222120	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.00%
41) Toluene-d8	7.37	98	507627	43.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.78%
43) trans-1,3-Dichloropropene-	7.67	79	81299	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
47) 2-Hexanone-d5	8.14	63	114460	73.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.18%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	284943	44.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.06%
64) 1,2-Dichlorobenzene-d4	11.68	152	178526	51.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.90%

Target Compounds

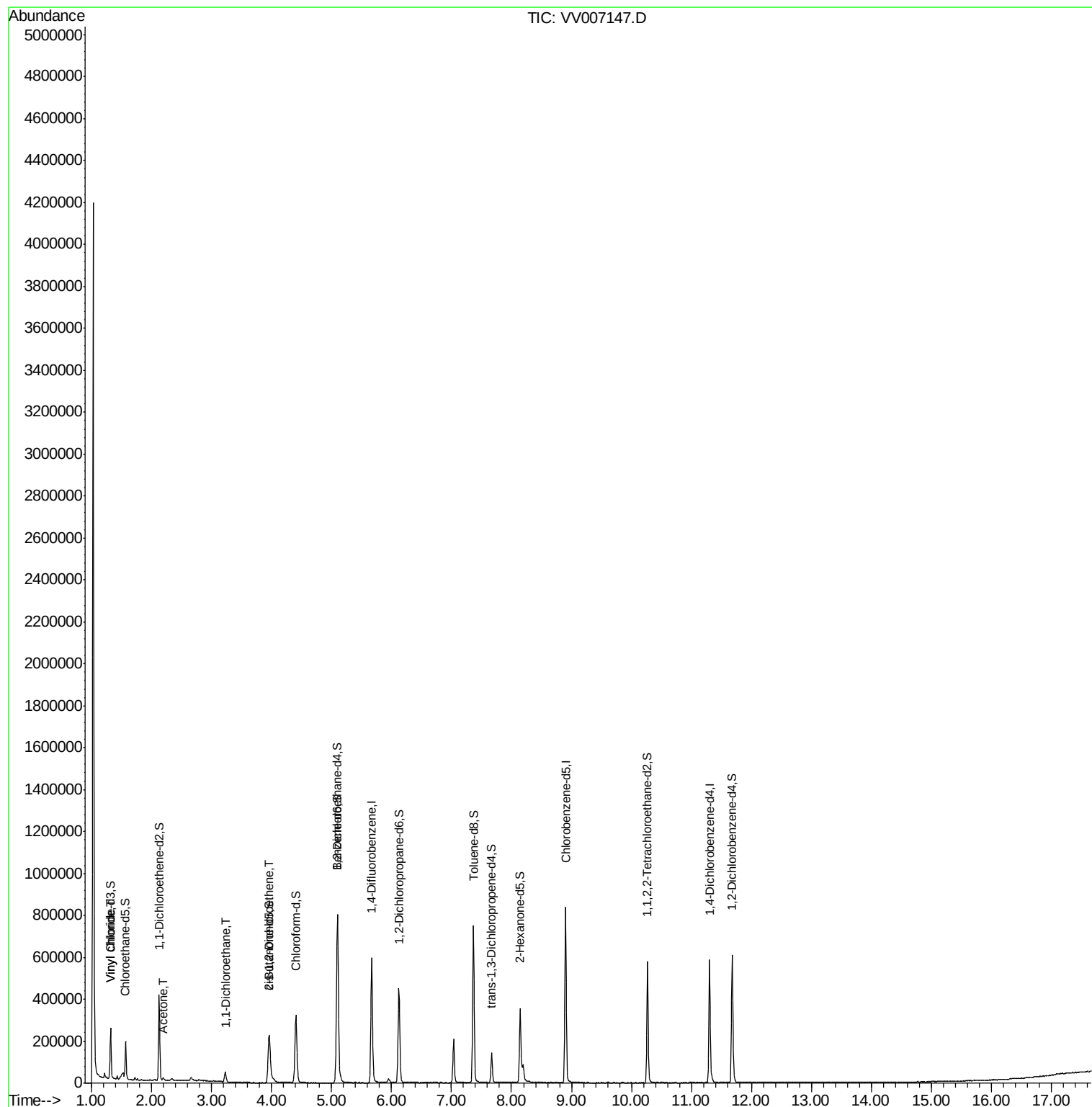
					Ovalue
5) Vinyl chloride	1.32	62	22990	4.70 ug/L	87
13) Acetone	2.20	43	8036	3.72 ug/L	97
19) 1,1-Dichloroethane	3.23	63	49716	6.50 ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	39732	9.19 ug/L	96

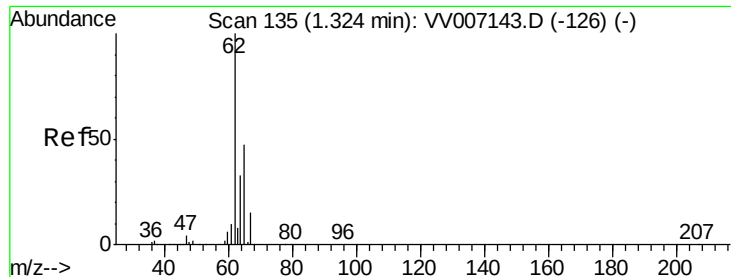
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.70 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV007147.D

Acq: 23 Aug 2018 18:29

Instrument :

MSVOA_V

ClientSampleId :

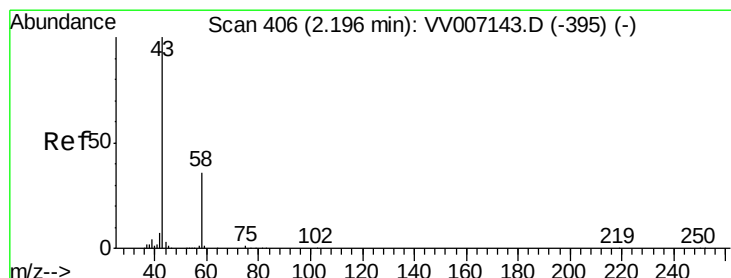
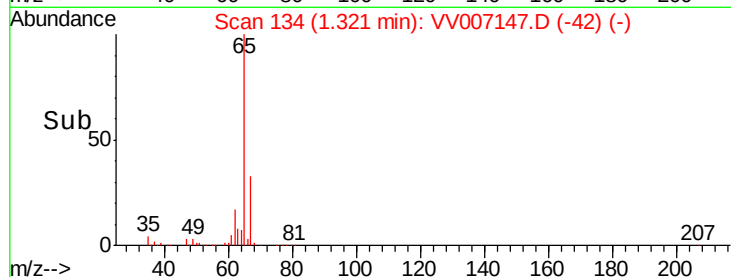
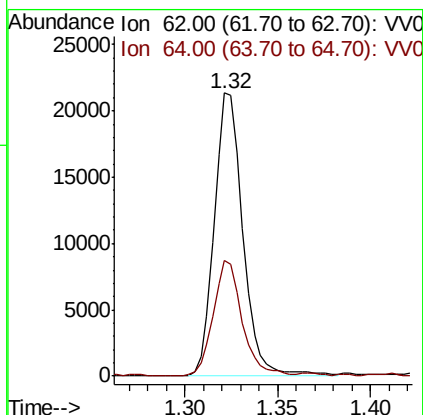
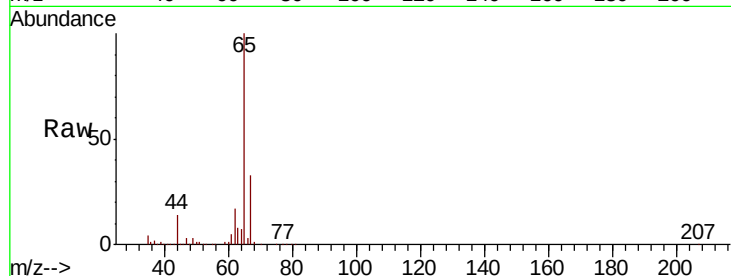
ETOK9

Tot Ion: 62 Resp: 22990

Ion Ratio Lower Upper

62 100

64 40.8 23.4 43.4



#13

Acetone

Concen: 3.72 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV007147.D

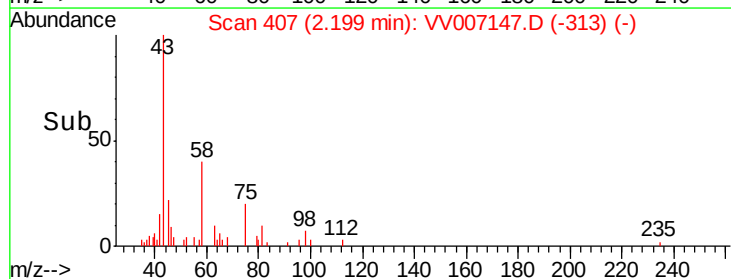
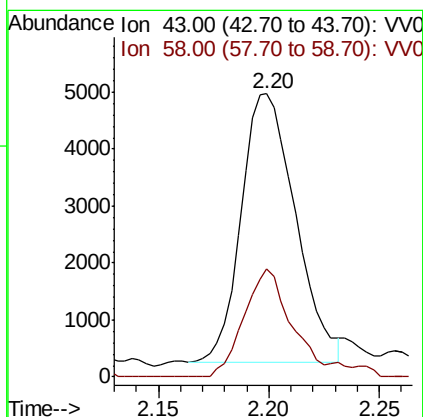
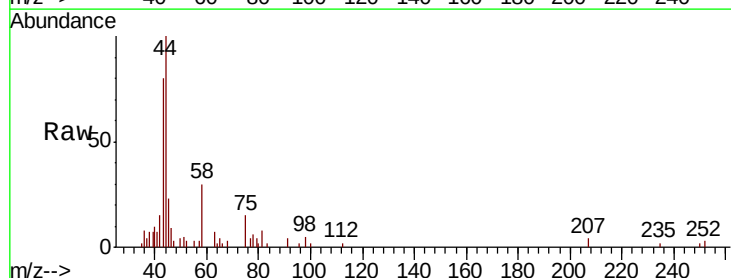
Acq: 23 Aug 2018 18:29

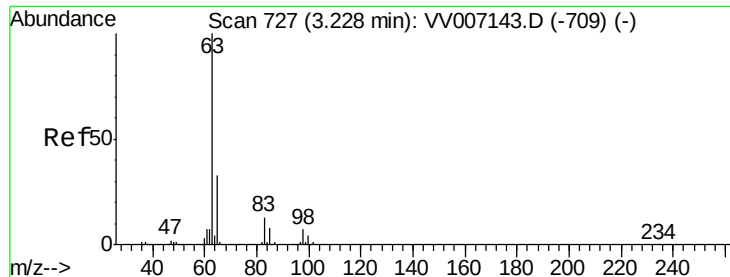
Tgt Ion: 43 Resp: 8036

Ion Ratio Lower Upper

43 100

58 34.7 0.0 73.0

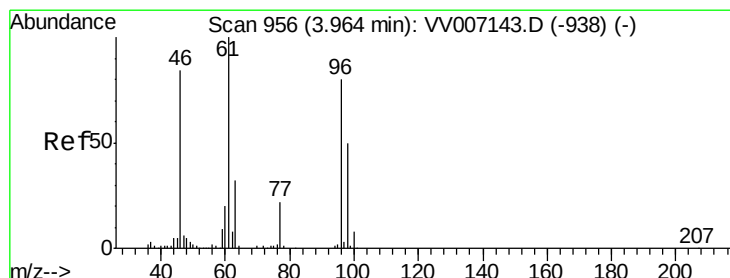
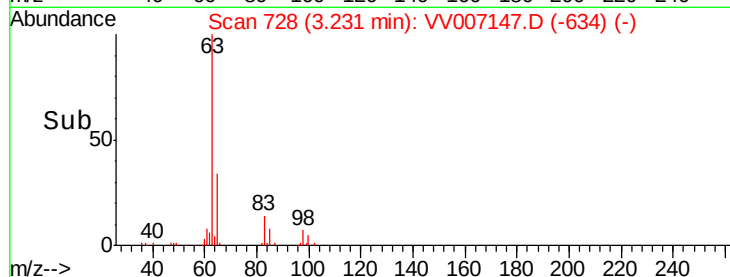
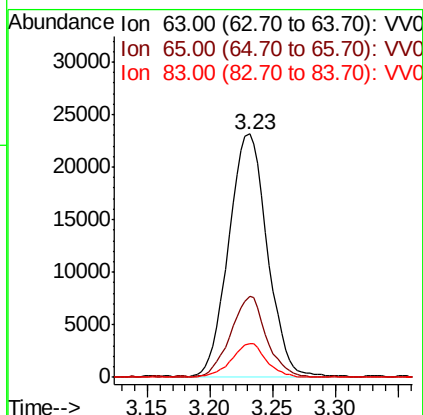
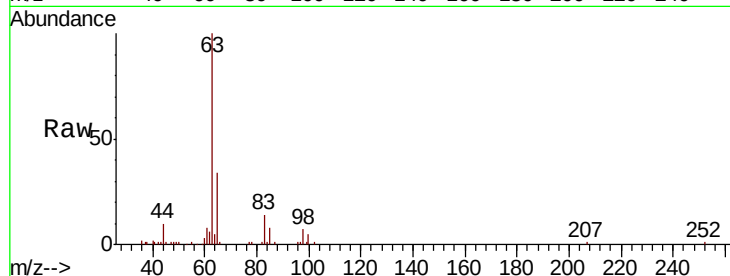




#19
 1,1-Dichloroethane
 Concen: 6.50 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
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Instrument :
 MSVOA_V
 ClientSampleId :
 ETOK9

Tot Ion: 63 Resp: 49716
 Ion Ratio Lower Upper
 63 100
 65 33.5 22.7 42.3
 83 13.9 9.4 17.6



#20
 cis-1,2-Dichloroethene
 Concen: 9.19 ug/L
 RT: 3.97 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VV007147.D
 Acq: 23 Aug 2018 18:29

Tgt Ion: 96 Resp: 39732
 Ion Ratio Lower Upper
 96 100
 61 122.9 89.0 165.4
 68 0.0 0.0 0.0

