

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007198.D
 Acq On : 25 Aug 2018 12:49
 Operator : SY/MD
 Sample : J4599-19DL 20X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:24:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 01:23:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	604456	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	603283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	243621	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	206368	48.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	178684	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	289902	39.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.50%
21) 2-Butanone-d5	3.96	46	319548	100.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.99%
24) Chloroform-d	4.41	84	428502	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.09	65	270645	54.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.60%
32) Benzene-d6	5.11	84	874520	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
36) 1,2-Dichloropropane-d6	6.12	67	289325	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.90%
41) Toluene-d8	7.37	98	700759	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%
43) trans-1,3-Dichloropropene-	7.67	79	115472	46.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.96%
47) 2-Hexanone-d5	8.14	63	134725	75.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	374271	49.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.92%
64) 1,2-Dichlorobenzene-d4	11.68	152	271918	53.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.96%

Target Compounds

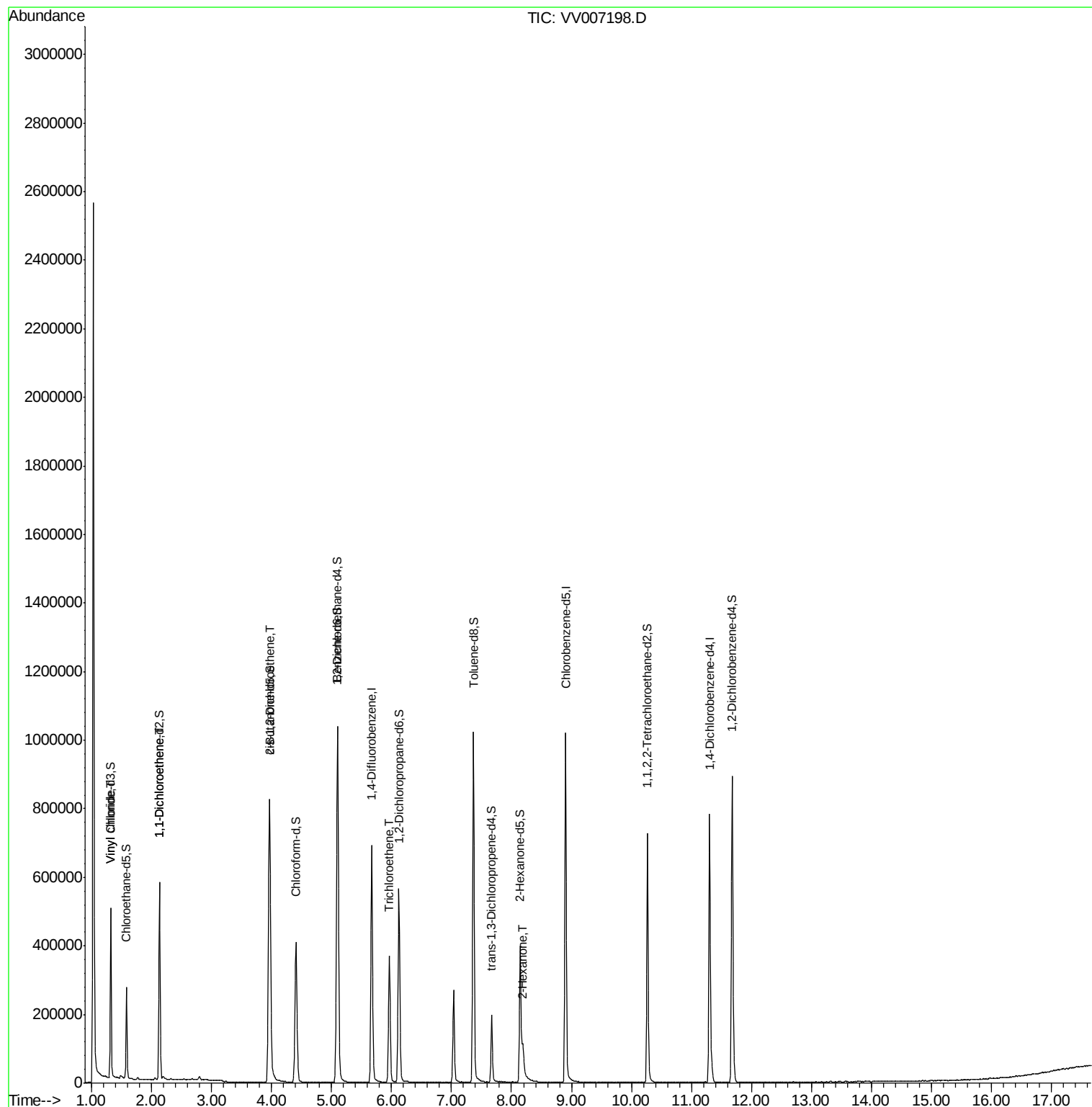
					Ovalue
5) Vinyl chloride	1.32	62	136106	26.782	ug/L 98
12) 1,1-Dichloroethene	2.14	96	5144	1.376	ug/L # 1
20) cis-1,2-Dichloroethene	3.97	96	382547	81.113	ug/L 98
34) Trichloroethene	5.96	95	125554	27.632	ug/L 99
48) 2-Hexanone	8.19	43	44522	9.757	ug/L # 93

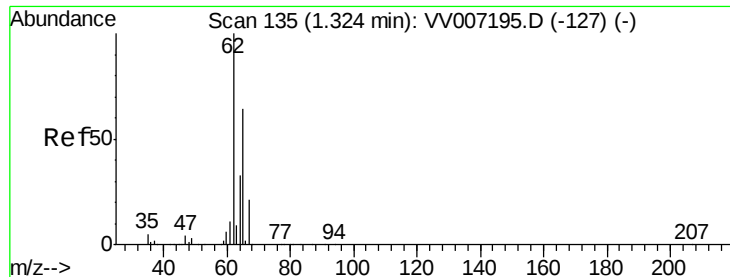
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 27 01:23:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 26.782 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007198.D

Acq: 25 Aug 2018 12:49

Instrument :

MSVOA_V

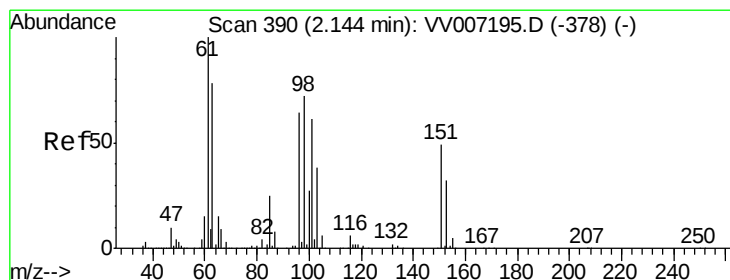
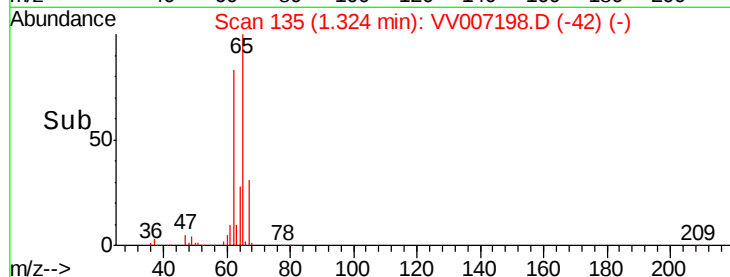
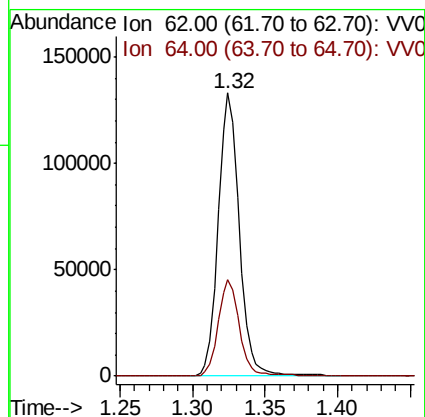
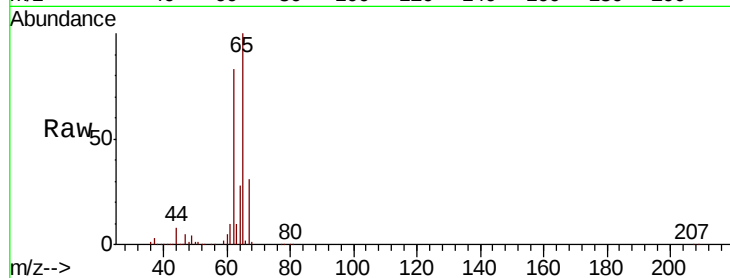
ClientSampleId :

Tot Ion: 62 Resp: 136106

Ion Ratio Lower Upper

62 100

64 33.9 22.9 42.5



#12

1,1-Dichloroethene

Concen: 1.376 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.01 min

Lab File: VV007198.D

Acq: 25 Aug 2018 12:49

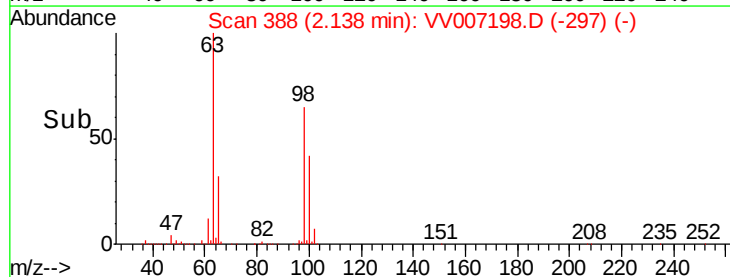
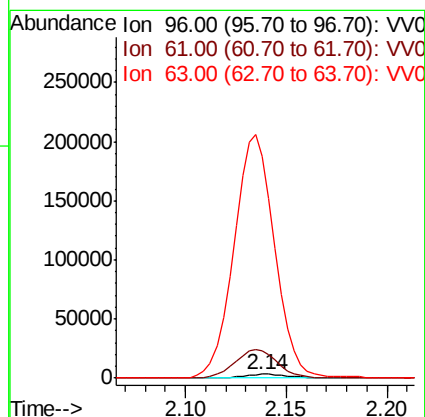
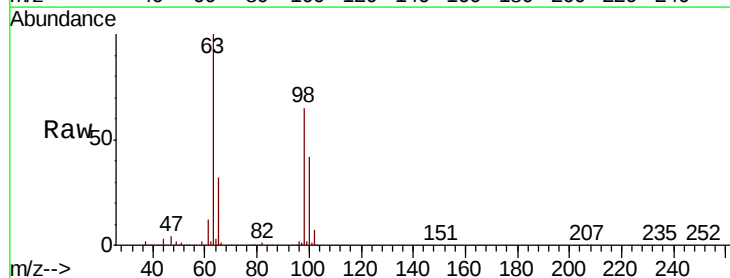
Tgt Ion: 96 Resp: 5144

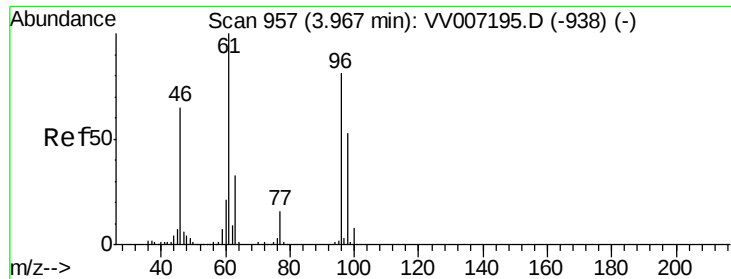
Ion Ratio Lower Upper

96 100

61 724.3 108.5 201.5#

63 5915.0 84.9 157.7#



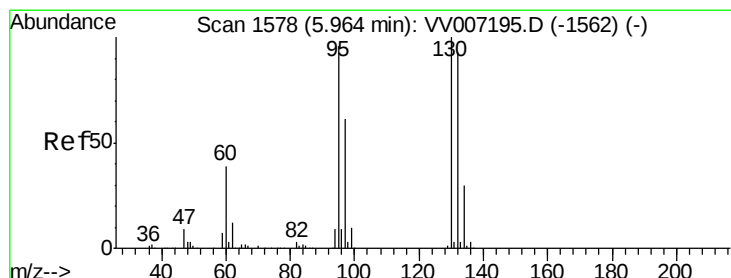
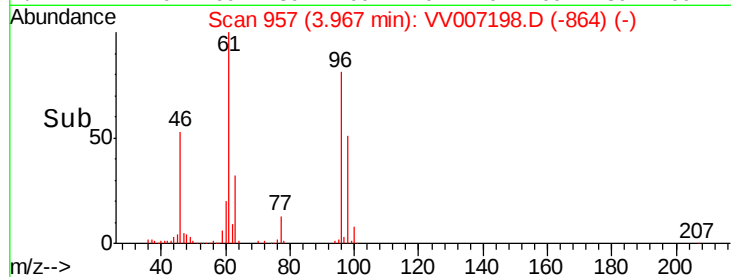
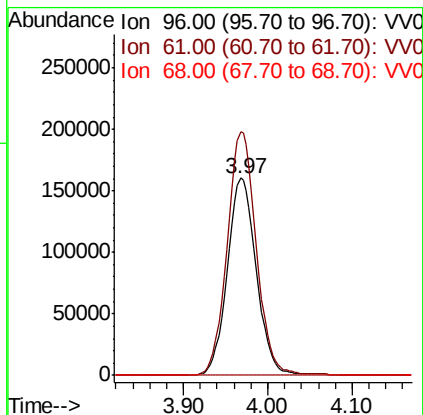
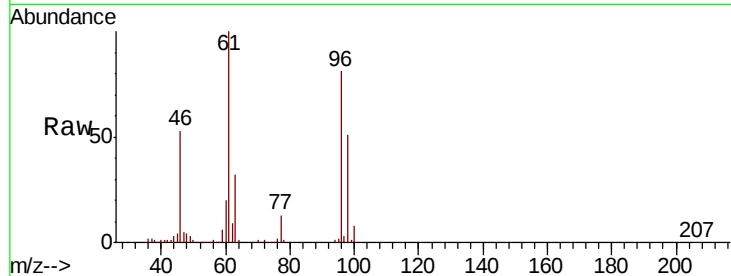


#20

cis-1,2-Dichloroethene
Concen: 81.113 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV007198.D
Acq: 25 Aug 2018 12:49

Instrument :
MSVOA_V
ClientSampled :

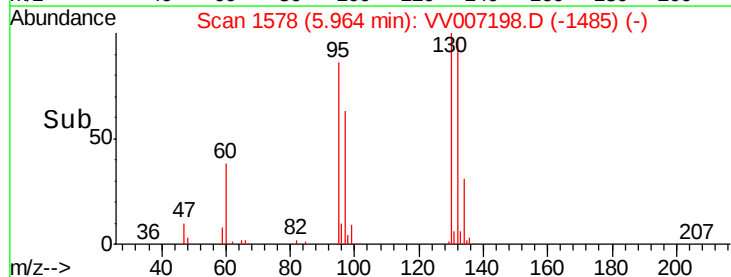
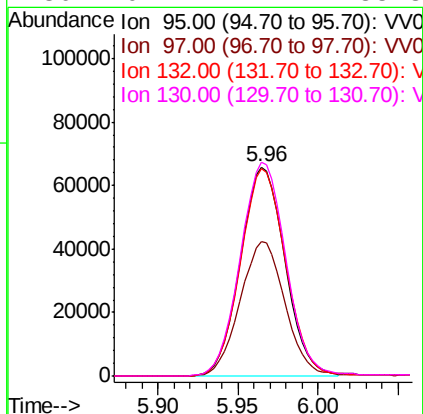
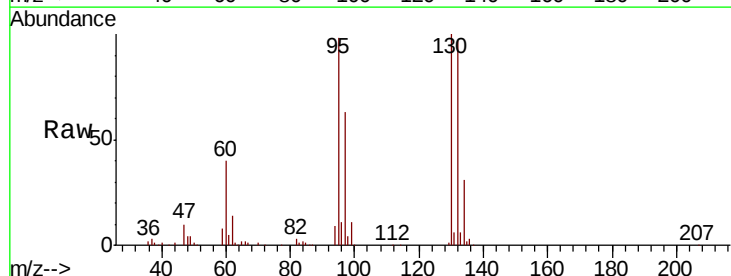
Tot Ion: 96 Resp: 382547
Ion Ratio Lower Upper
96 100
61 123.3 88.2 163.8
68 0.0 0.0 0.0

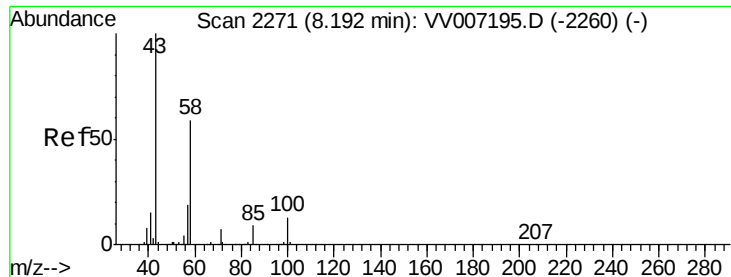


#34

Trichloroethene
Concen: 27.632 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007198.D
Acq: 25 Aug 2018 12:49

Tgt Ion: 95 Resp: 125554
Ion Ratio Lower Upper
95 100
97 64.6 45.4 84.2
132 99.5 70.8 131.4
130 102.2 71.7 133.3





#48
 2-Hexanone
 Concen: 9.757 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VV007198.D
 Acq: 25 Aug 2018 12:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 44522
 Ion Ratio Lower Upper
 43 100
 58 54.1 47.3 70.9
 57 18.3 16.5 24.7
 100 9.3 11.0 16.4#

