

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040519\
 Data File : VV010127.D
 Acq On : 05 Apr 2019 12:44
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK84

Quant Time: Apr 05 23:49:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	244200	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	244461	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108648	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55164	16.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.48%
7) Chloroethane-d5	1.57	69	56720	13.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.88%
10) 1,1-Dichloroethene-d2	2.13	63	110069	13.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.40%
20) 2-Butanone-d5	3.93	46	38029	40.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.76%
24) Chloroform-d	4.40	84	140762	22.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	5.08	65	82417	23.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.76%
29) Benzene-d6	5.10	84	279282	22.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.12%
33) 1,2-Dichloropropane-d6	6.12	67	88630	23.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.76%
37) Toluene-d8	7.36	98	268938	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.08%
38) trans-1,3-Dichloropropene-	7.66	79	31990	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.00%
39) 2-Hexanone-d5	8.13	63	27892	37.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77268	20.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	104994	24.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.24%

Target Compounds

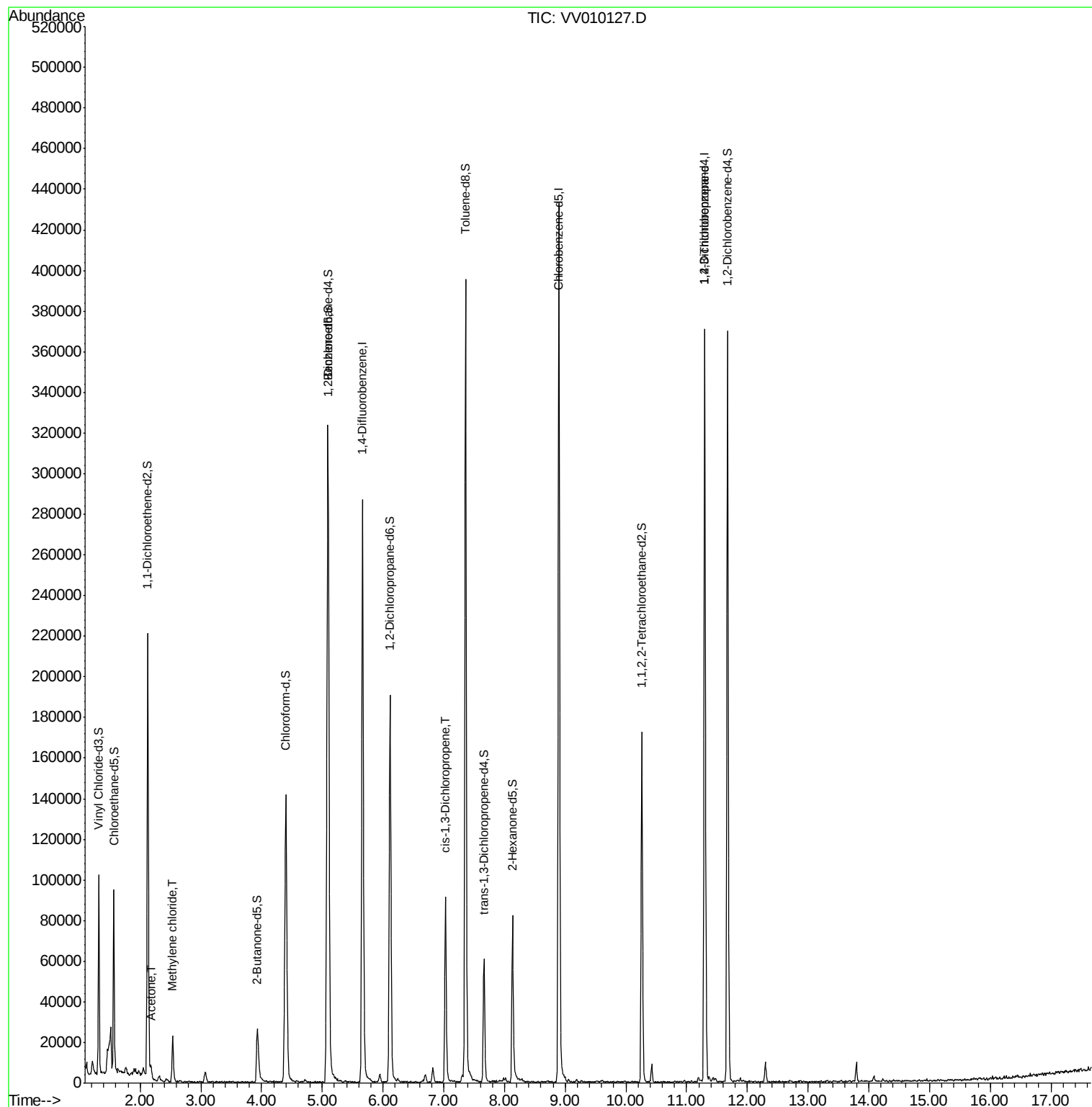
					Qvalue
13) Acetone	2.18	43	746	0.811 ug/L	55
16) Methylene chloride	2.53	84	9662	2.252 ug/L	94
42) cis-1,3-Dichloropropene	7.03	75	2853	0.653 ug/L #	76
59) 1,2,3-Trichloropropane	11.30	75	13890	5.631 ug/L	89

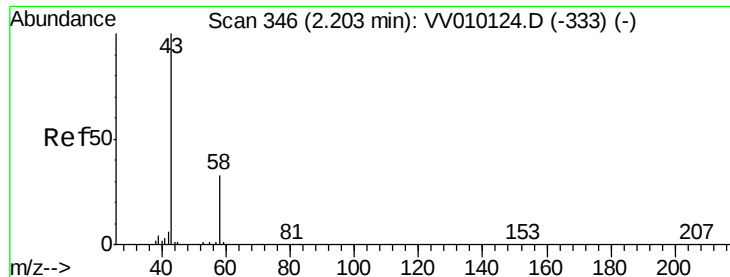
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.811 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV010127.D

Acq: 05 Apr 2019 12:44

Instrument :

MSVOA_V

ClientSampled :

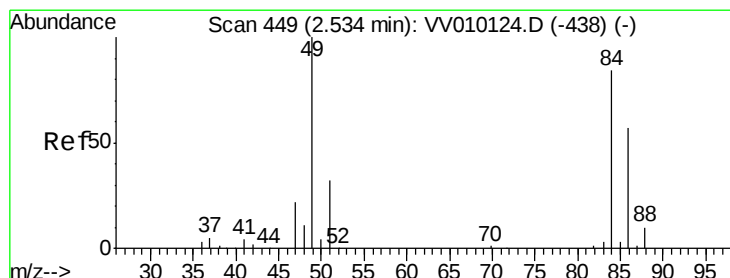
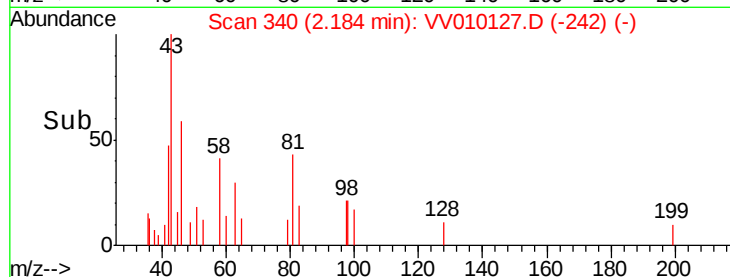
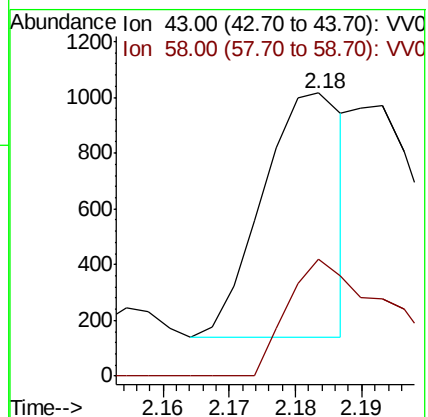
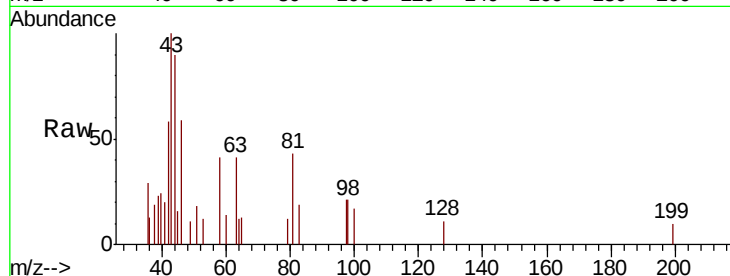
VBLK84

Tgt Ion: 43 Resp: 746

Ion Ratio Lower Upper

43 100

58 57.6 0.0 64.6



#16

Methylene chloride

Concen: 2.252 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010127.D

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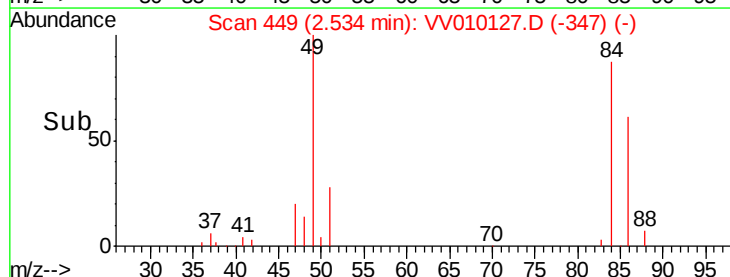
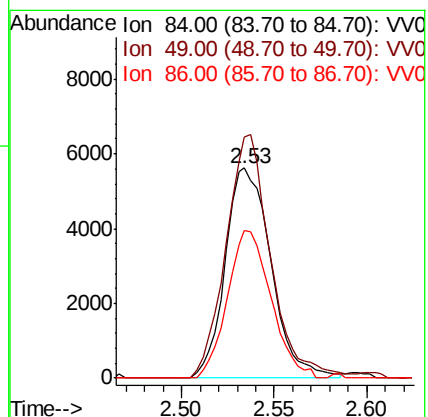
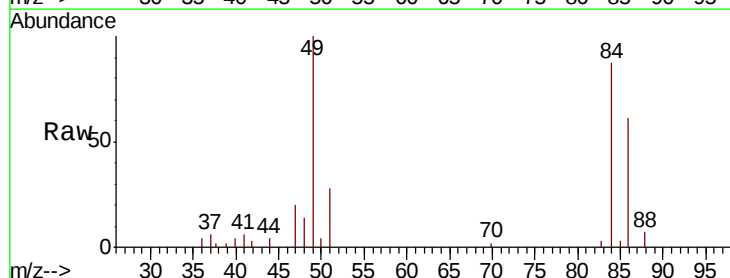
Tgt Ion: 84 Resp: 9662

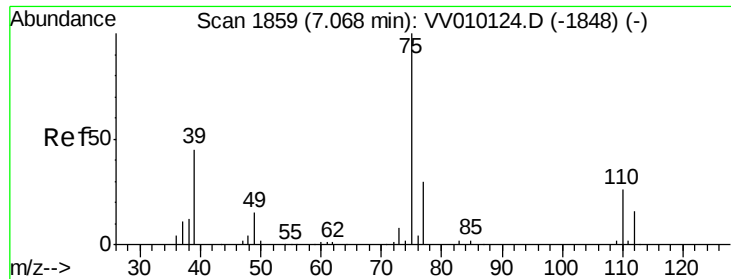
Ion Ratio Lower Upper

84 100

49 114.6 84.3 156.5

86 70.2 45.4 84.2

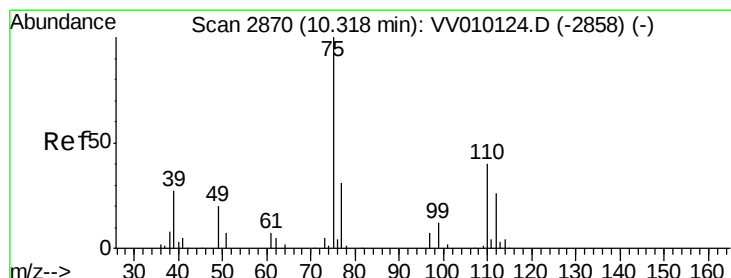
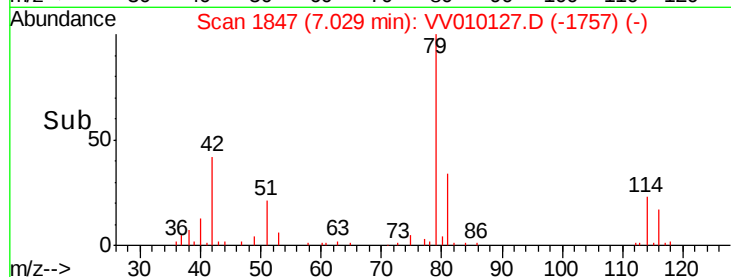
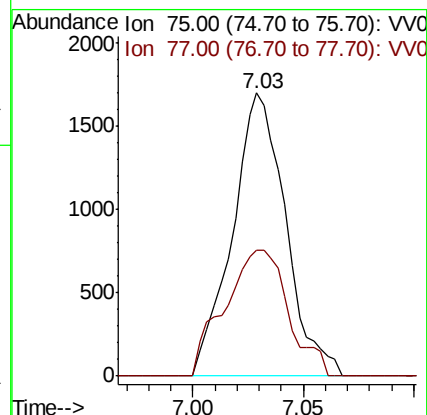
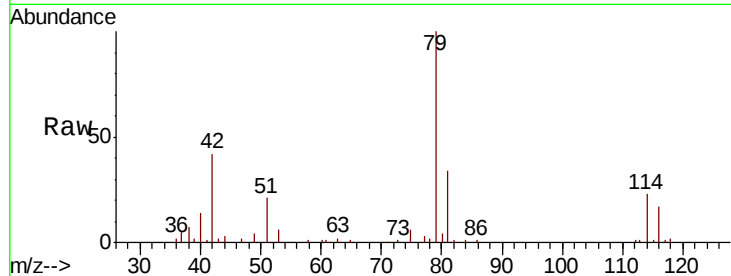




#42
 cis-1,3-Dichloropropene
 Concen: 0.653 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
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 VBLK84

Tgt Ion: 75 Resp: 2853
 Ion Ratio Lower Upper
 75 100
 77 44.7 22.1 41.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.631 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010127.D
 Acq: 05 Apr 2019 12:44

Tgt Ion: 75 Resp: 13890
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.8 38.8

