

Data File : VV010926.D
Acq On : 16 May 2019 11:05
Operator : SY/MD
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: May 17 05:21:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Fri May 17 05:18:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	133829	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131384	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55916	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41091	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
7) Chloroethane-d5	1.57	69	29024	26.12	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.48%
10) 1,1-Dichloroethene-d2	2.12	63	60439	18.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.92%
20) 2-Butanone-d5	3.94	46	21267	39.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.30%
24) Chloroform-d	4.40	84	73759	19.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.36%
26) 1,2-Dichloroethane-d4	5.08	65	45318	20.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.52%
29) Benzene-d6	5.09	84	166078	22.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.36%
33) 1,2-Dichloropropane-d6	6.12	67	50611	21.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.24%
37) Toluene-d8	7.36	98	150303	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.04%
38) trans-1,3-Dichloropropene-	7.66	79	19180	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.80%
39) 2-Hexanone-d5	8.13	63	14911	33.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41766	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	51790	22.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.68%

Target Compounds

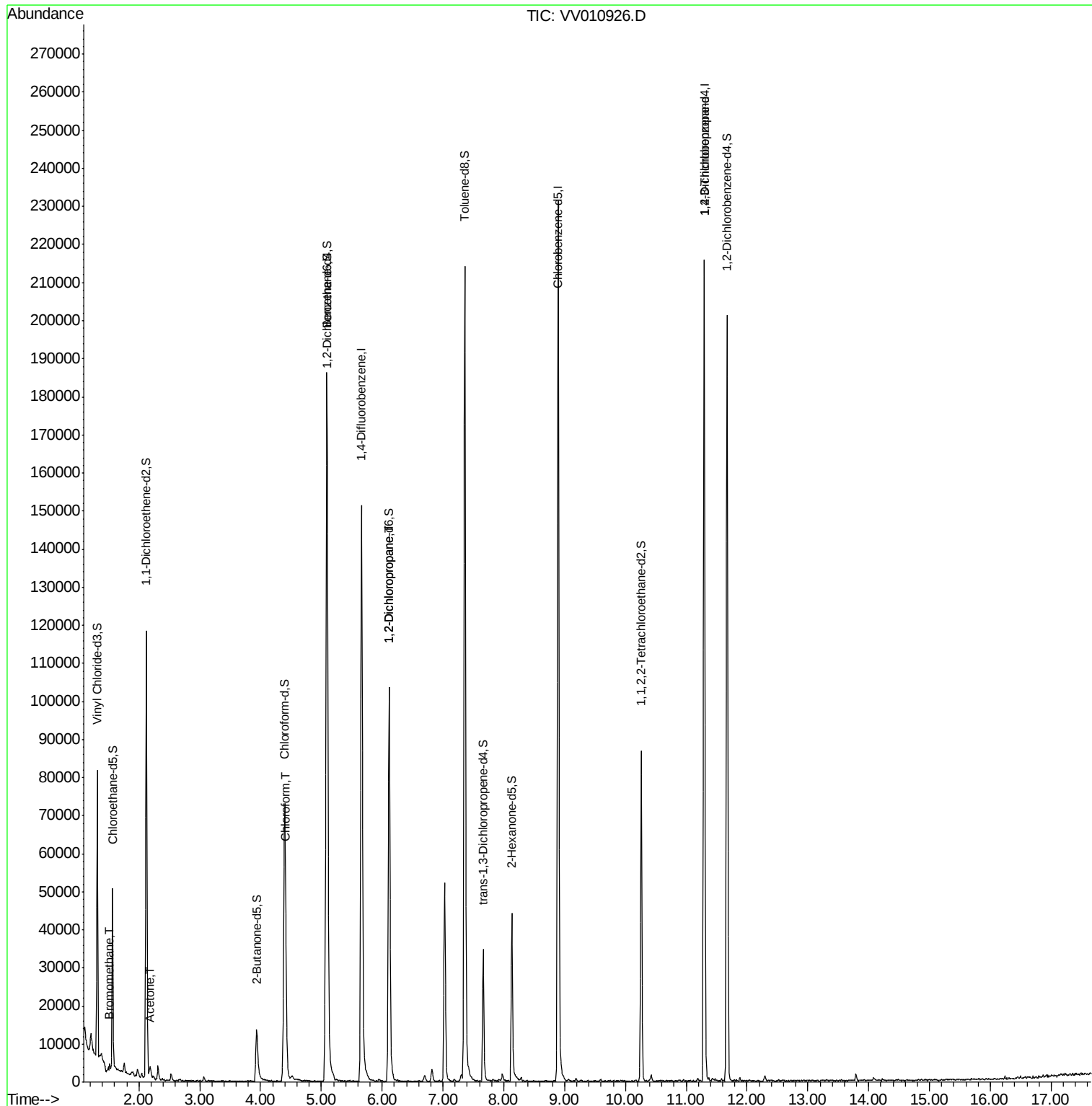
					Qvalue
6) Bromomethane	1.51	94	579	1.303 ug/L	89
13) Acetone	2.19	43	1593	2.916 ug/L	92
25) Chloroform	4.42	83	6891	1.786 ug/L #	65
40) 1,2-Dichloropropane	6.12	63	5840	2.800 ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	6999	4.354 ug/L	95

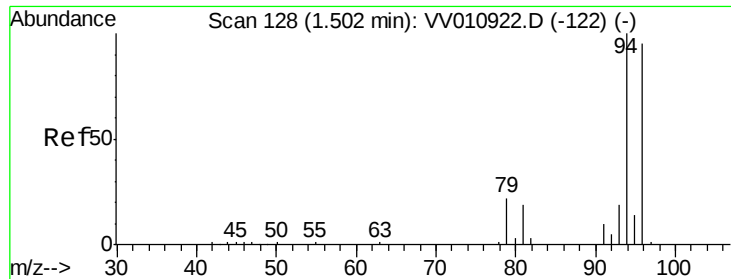
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.303 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.01 min

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Acq: 16 May 2019 11:05

Instrument :

MSVOA_V

ClientSampled :

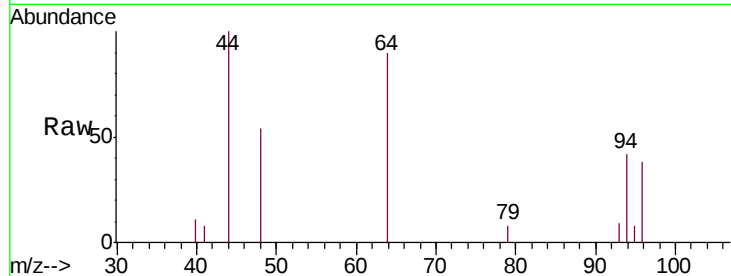
VIBLK

Tgt Ion: 94 Resp: 579

Ion Ratio Lower Upper

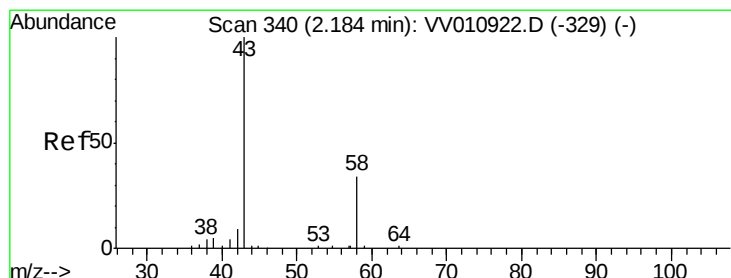
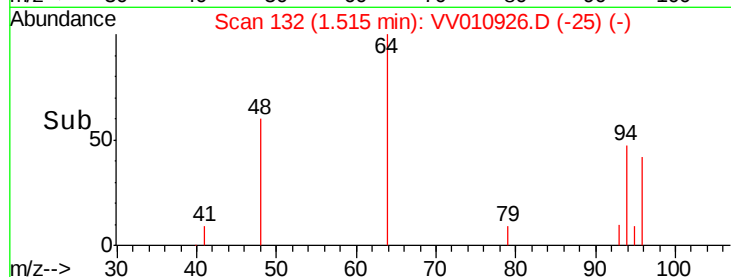
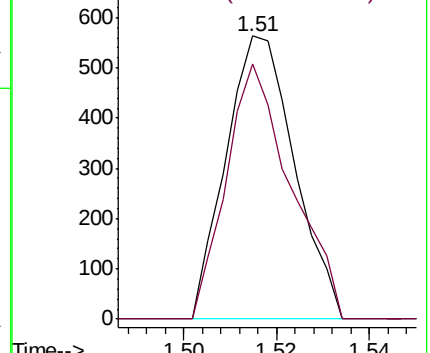
94 100

96 85.0 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#13

Acetone

Concen: 2.916 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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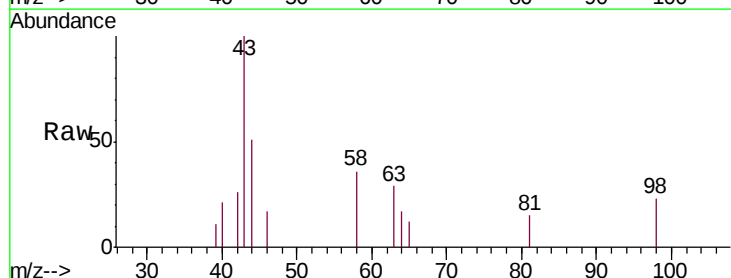
Acq: 16 May 2019 11:05

Tgt Ion: 43 Resp: 1593

Ion Ratio Lower Upper

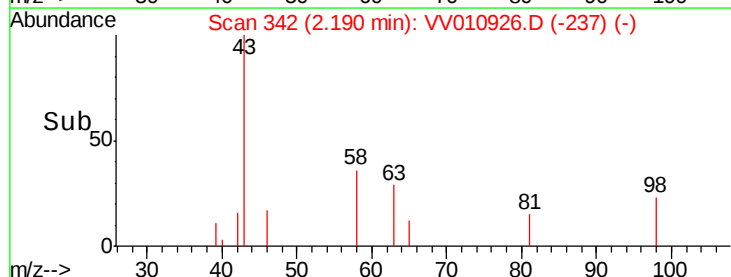
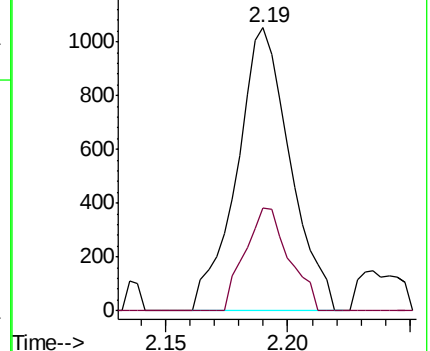
43 100

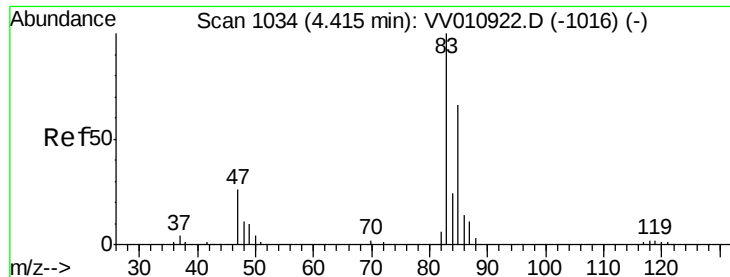
58 29.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

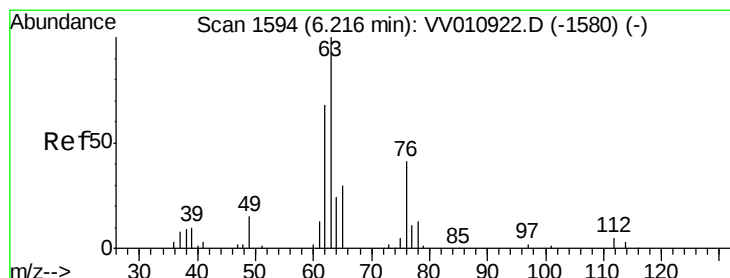
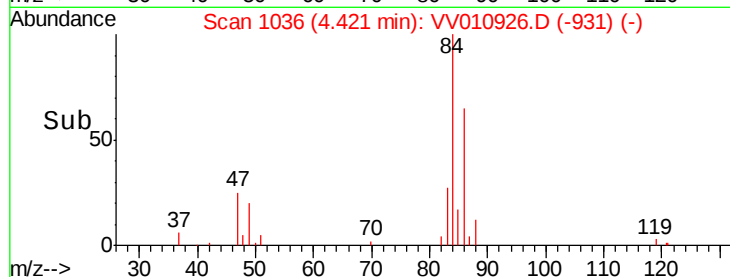
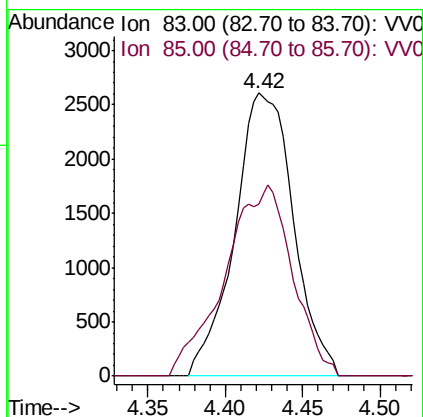
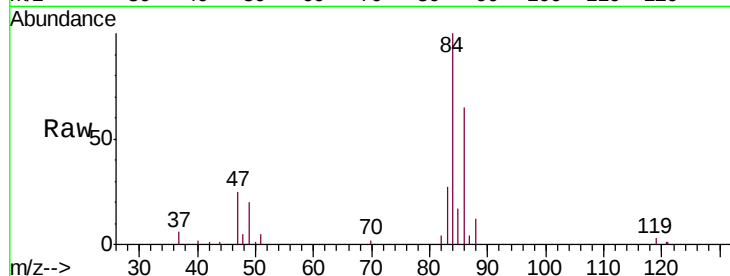




#25
Chloroform
Concen: 1.786 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.01 min
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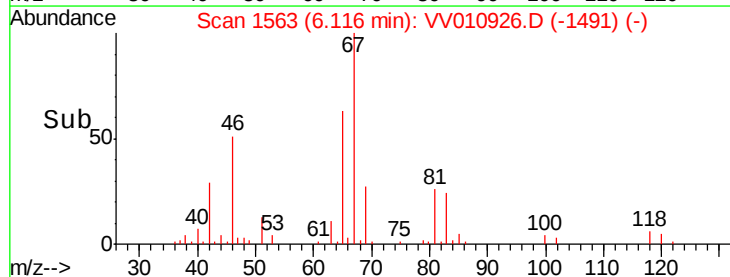
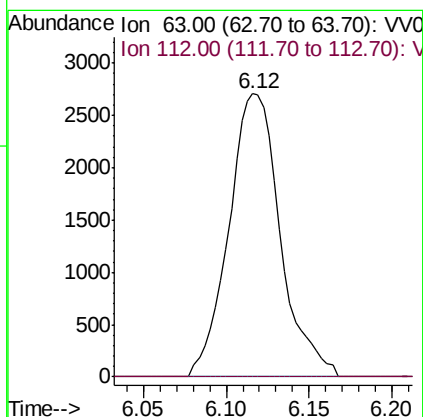
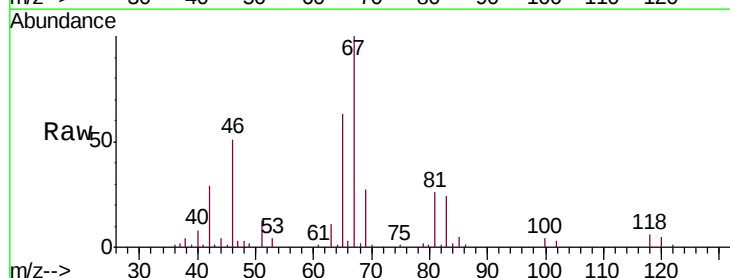
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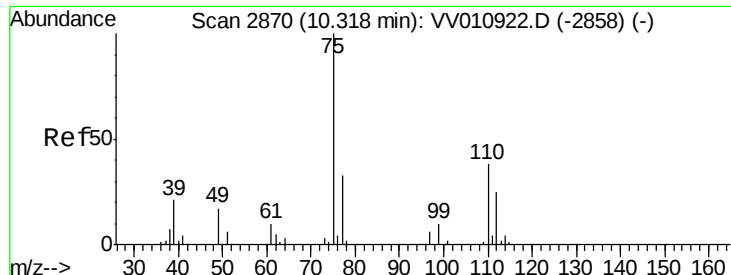
Tgt Ion: 83 Resp: 6891
Ion Ratio Lower Upper
83 100
85 37.1 45.3 84.1#



#40
1,2-Dichloropropane
Concen: 2.800 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010926.D
Acq: 16 May 2019 11:05

Tgt Ion: 63 Resp: 5840
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#59

1,2,3-Trichloropropane

Concen: 4.354 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010926.D

Acq: 16 May 2019 11:05

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion: 75 Resp: 6999

Ion Ratio Lower Upper

75 100

77 35.5 26.4 39.6

