

Data File : VV010963.D
Acq On : 20 May 2019 17:33
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 21 04:06:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	127568	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130735	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58897	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31407	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
7) Chloroethane-d5	1.57	69	21898	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.96%
10) 1,1-Dichloroethene-d2	2.12	63	45472	16.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.04%
20) 2-Butanone-d5	3.94	46	23701	47.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.46%
24) Chloroform-d	4.40	84	64544	19.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.12%
26) 1,2-Dichloroethane-d4	5.08	65	41703	21.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.68%
29) Benzene-d6	5.10	84	153014	21.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.76%
33) 1,2-Dichloropropane-d6	6.12	67	49584	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.44%
37) Toluene-d8	7.36	98	138429	20.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.44%
38) trans-1,3-Dichloropropene-	7.66	79	19542	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.96%
39) 2-Hexanone-d5	8.13	63	16882	39.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.82%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46883	20.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	52976	22.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.60%

Target Compounds

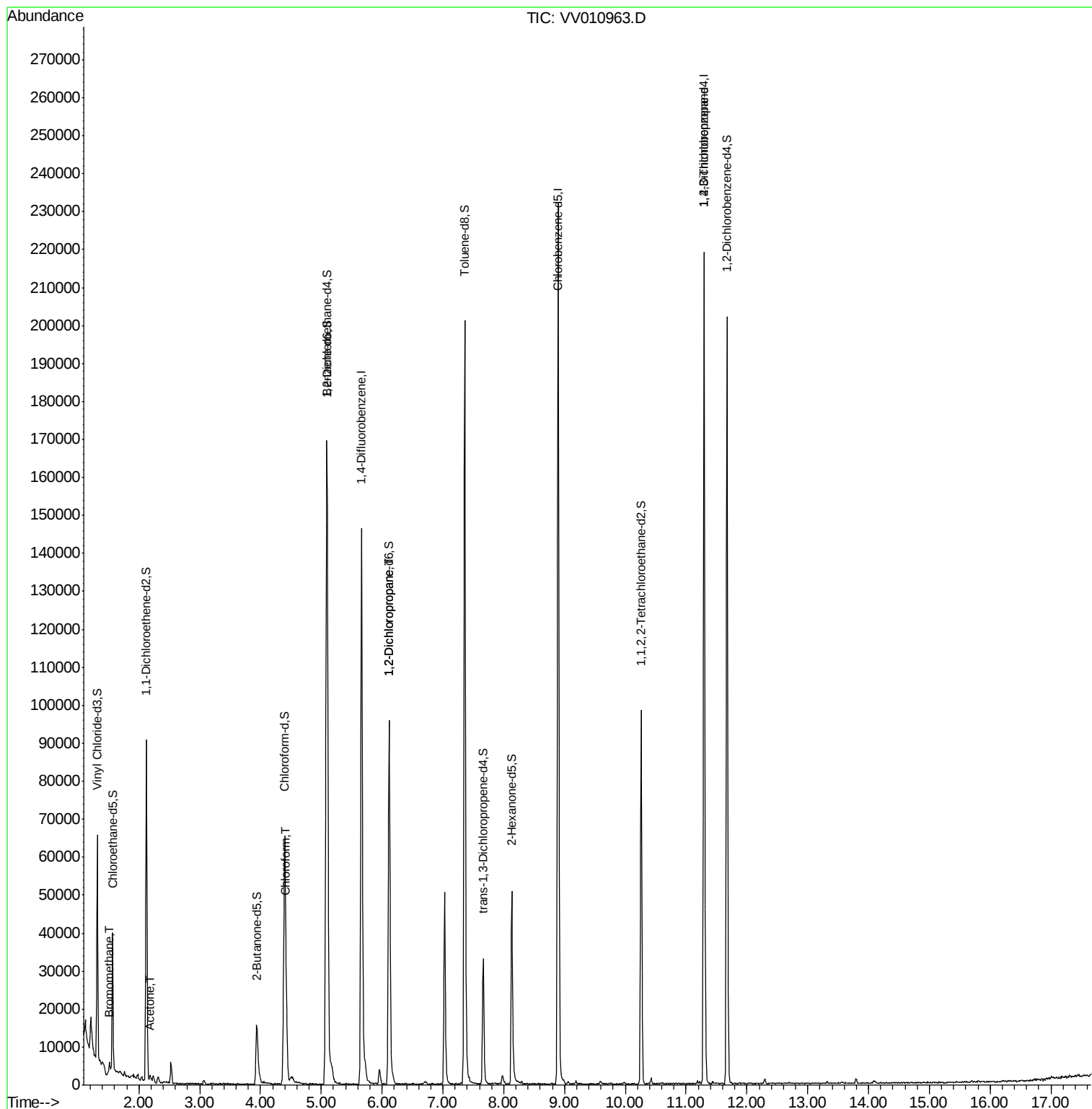
					Qvalue
6) Bromomethane	1.52	94	521	0.872 ug/L	94
13) Acetone	2.19	43	821	1.697 ug/L	80
25) Chloroform	4.43	83	10744	2.808 ug/L #	63
40) 1,2-Dichloropropane	6.12	63	5278	2.665 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	7337	4.494 ug/L #	88

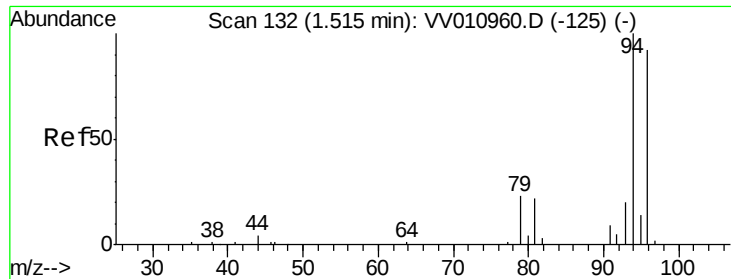
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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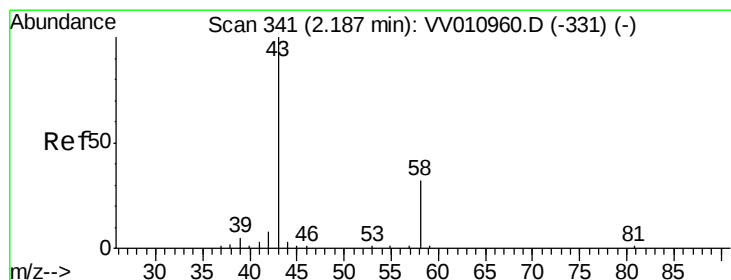
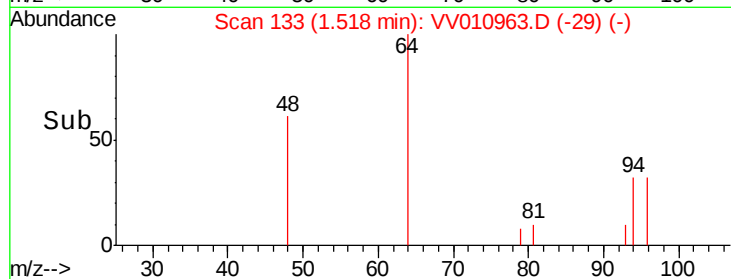
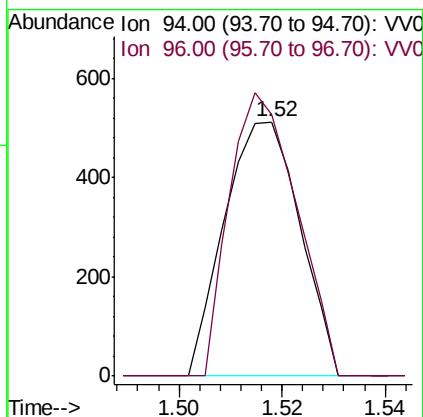
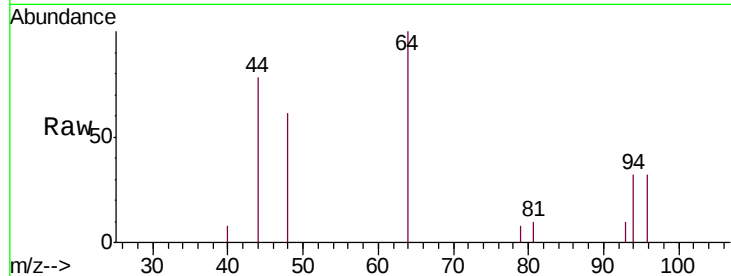




#6
Bromomethane
Concen: 0.872 ug/L
RT: 1.52 min Scan# 133
Delta R.T. 0.00 min
Lab File: VV010963.D
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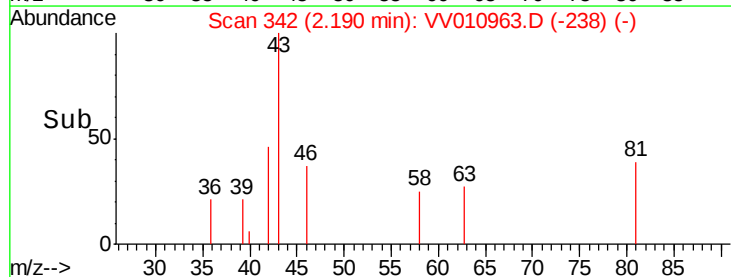
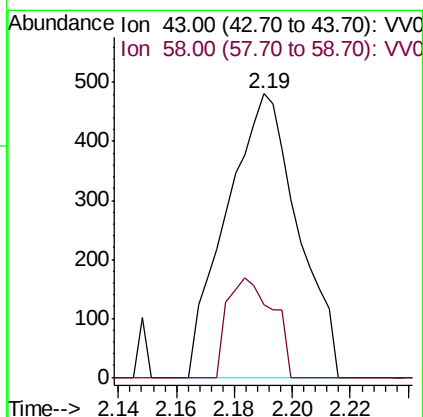
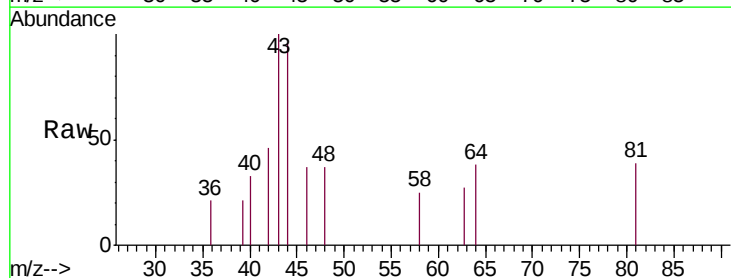
Instrument :
MSVOA_V
ClientSampled :
VIBLK

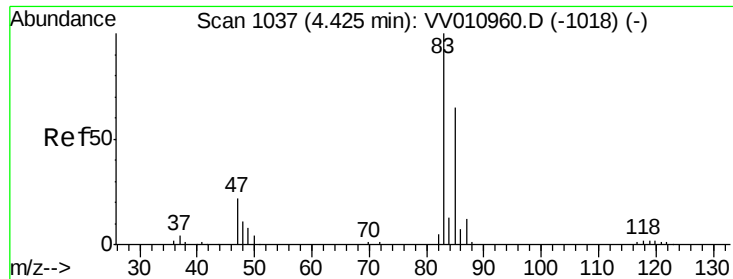
Tgt Ion: 94 Resp: 521
Ion Ratio Lower Upper
94 100
96 99.0 9.3 177.7



#13
Acetone
Concen: 1.697 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010963.D
Acq: 20 May 2019 17:33

Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 19.6 0.0 60.8

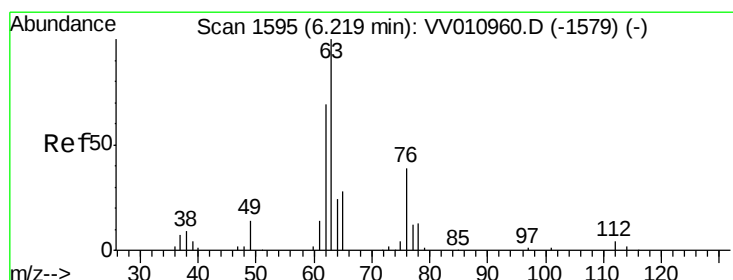
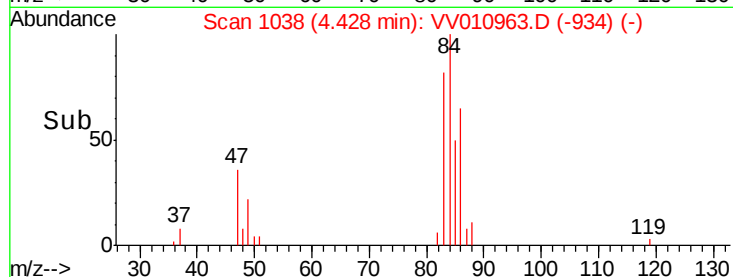
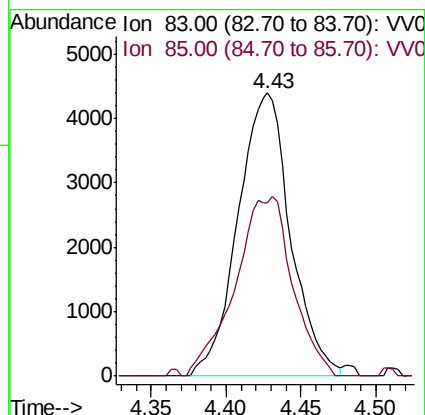
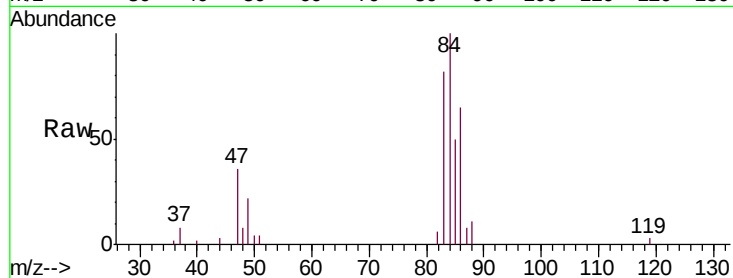




#25
Chloroform
Concen: 2.808 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
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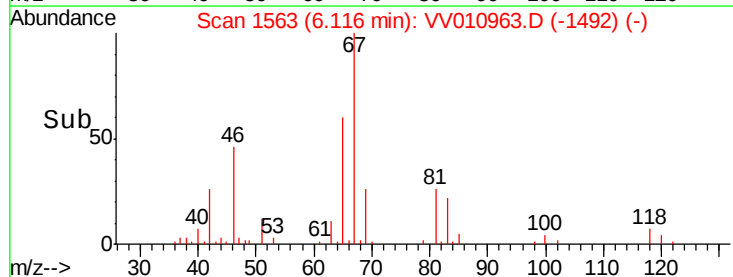
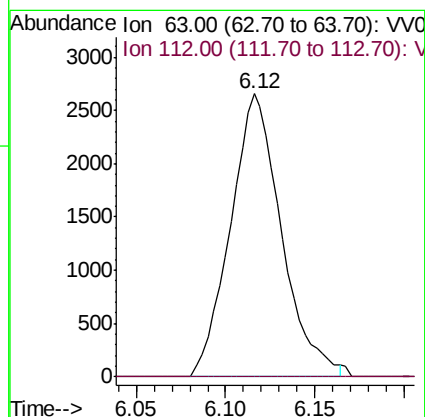
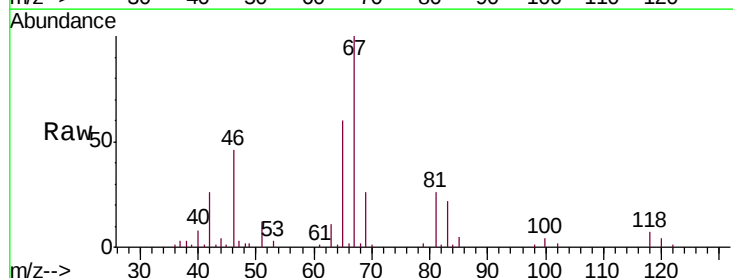
Instrument :
MSVOA_V
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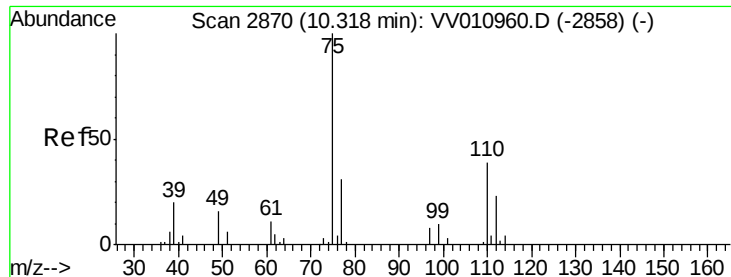
Tgt Ion: 83 Resp: 10744
Ion Ratio Lower Upper
83 100
85 36.3 45.6 84.8#



#40
1,2-Dichloropropane
Concen: 2.665 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010963.D
Acq: 20 May 2019 17:33

Tgt Ion: 63 Resp: 5278
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#59

1,2,3-Trichloropropane

Concen: 4.494 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010963.D

Acq: 20 May 2019 17:33

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion: 75 Resp: 7337

Ion Ratio Lower Upper

75 100

77 38.3 25.4 38.2#

