

Data File : VV014028.D
Acq On : 12 Dec 2019 10:57
Operator : SY/MD
Sample : K6148-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Dec 13 06:16:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 13 06:14:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	663504	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	675924	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	281024	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	198093	51.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.24%
7) Chloroethane-d5	1.56	69	188391	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.06%
11) 1,1-Dichloroethene-d2	2.12	63	282029	33.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.48%
21) 2-Butanone-d5	3.92	46	256131	94.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.83%
24) Chloroform-d	4.39	84	392988	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.07	65	251708	49.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.58%
32) Benzene-d6	5.09	84	792492	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
36) 1,2-Dichloropropane-d6	6.11	67	266289	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.35	98	707109	44.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.56%
43) trans-1,3-Dichloropropene-	7.66	79	108470	42.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.80%
47) 2-Hexanone-d5	8.13	63	132413	67.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.45%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	311942	40.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.96%
64) 1,2-Dichlorobenzene-d4	11.67	152	289171	52.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.78%

Target Compounds

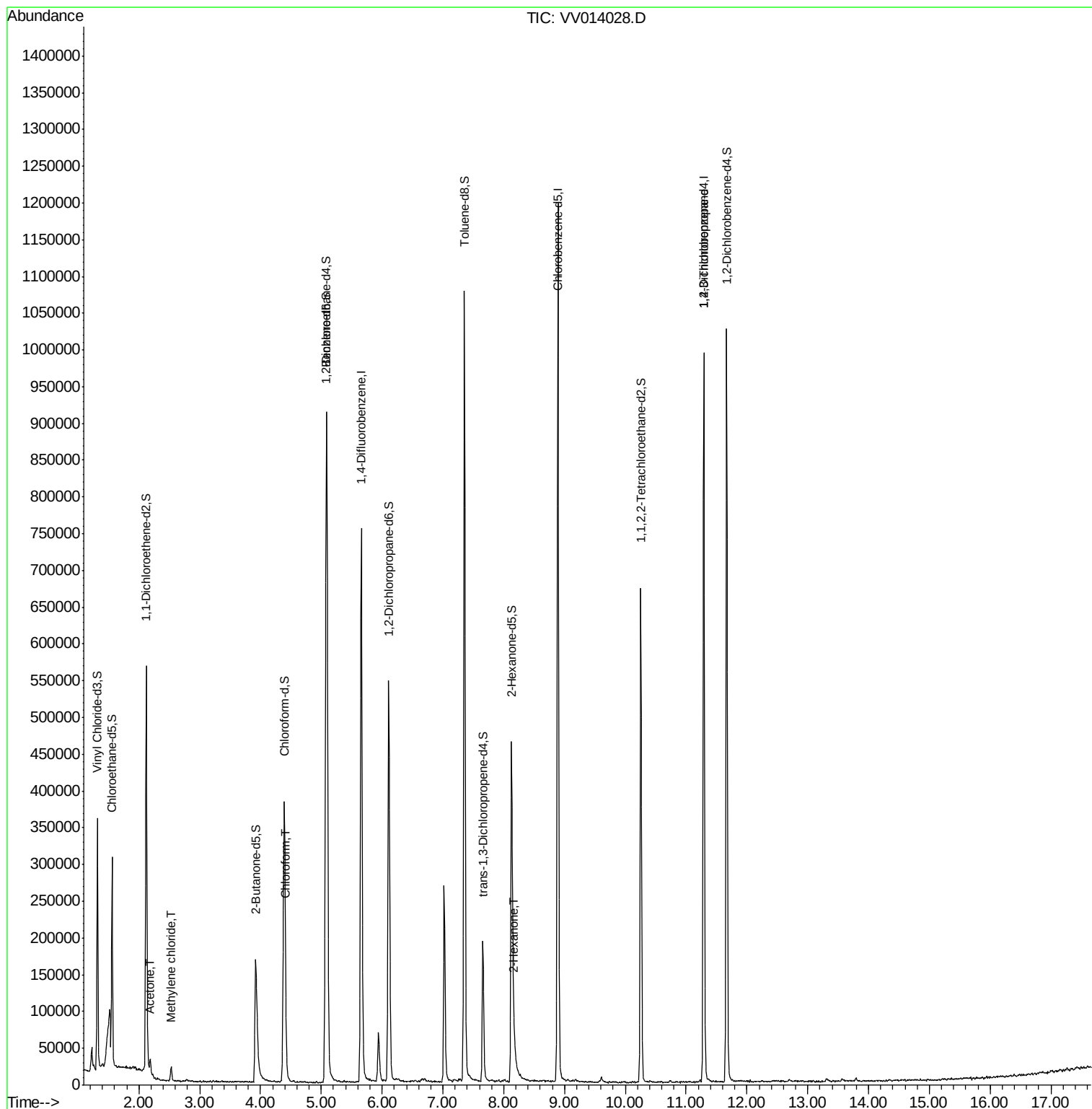
					Qvalue
13) Acetone	2.18	43	8950	2.261 ug/L	79
16) Methylene chloride	2.53	84	8263	1.646 ug/L	95
25) Chloroform	4.42	83	7920	0.872 ug/L	82
48) 2-Hexanone	8.18	43	19105	3.770 ug/L #	72
59) 1,2,3-Trichloropropane	11.29	75	27900	4.232 ug/L	92

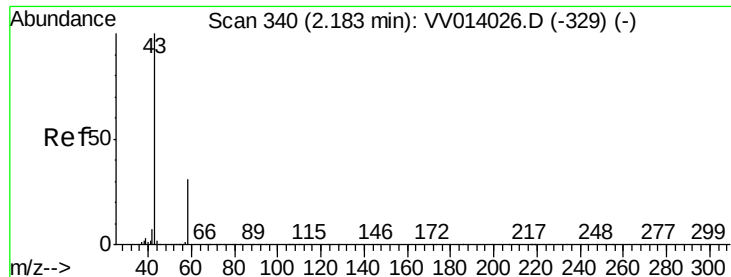
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.261 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

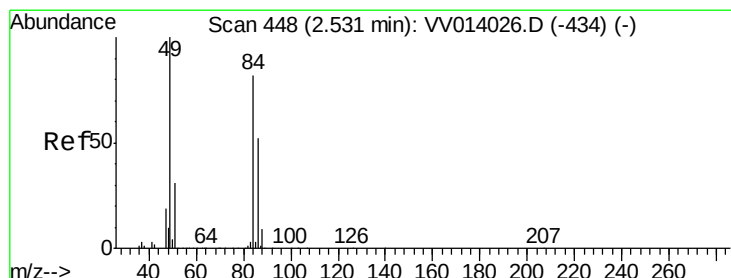
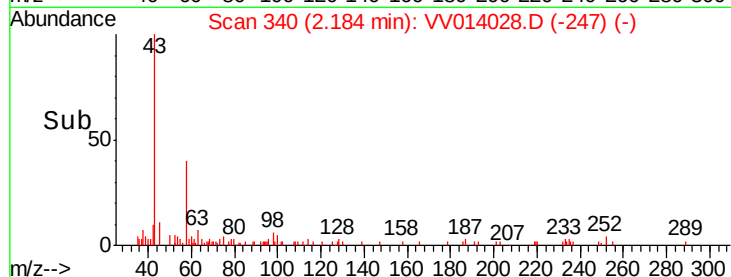
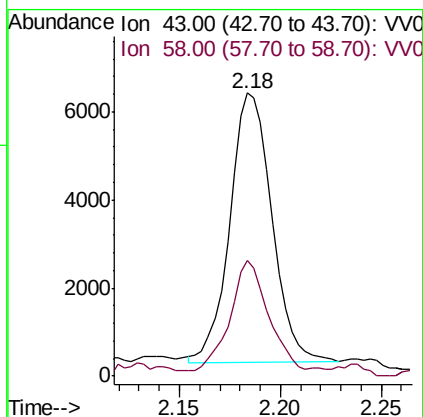
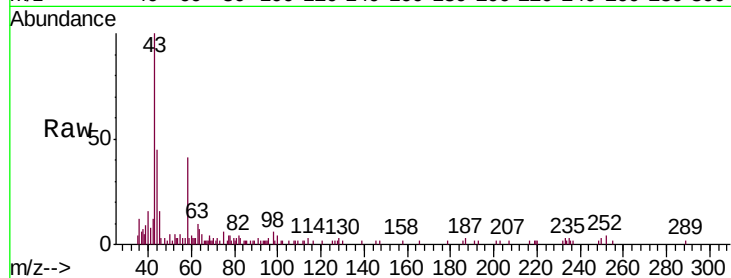
VHBLK01

Tgt Ion: 43 Resp: 8950

Ion Ratio Lower Upper

43 100

58 41.6 0.0 60.8



#16

Methylene chloride

Concen: 1.646 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

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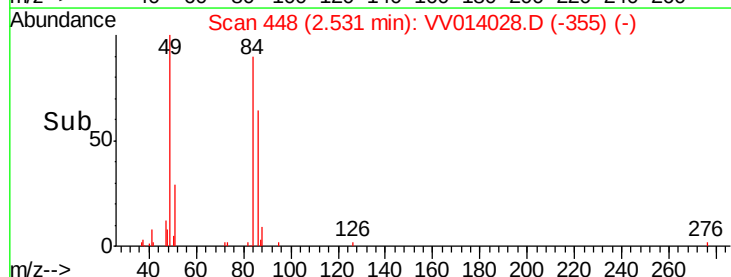
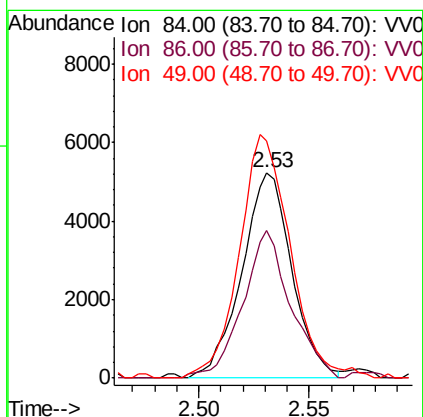
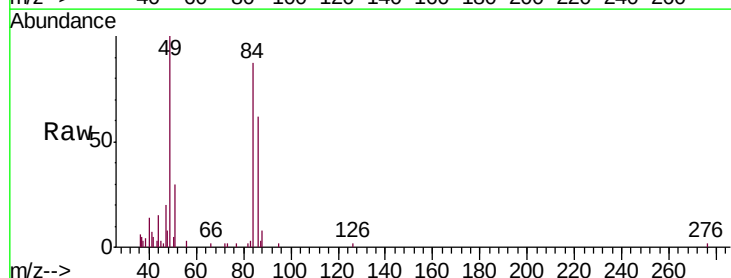
Tgt Ion: 84 Resp: 8263

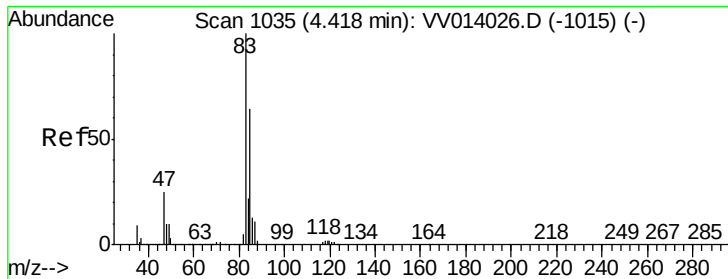
Ion Ratio Lower Upper

84 100

86 71.7 43.9 81.5

49 115.3 79.7 147.9

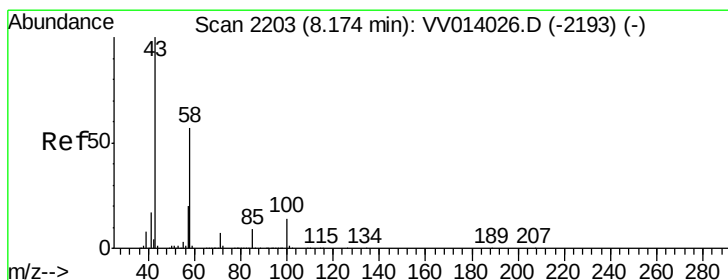
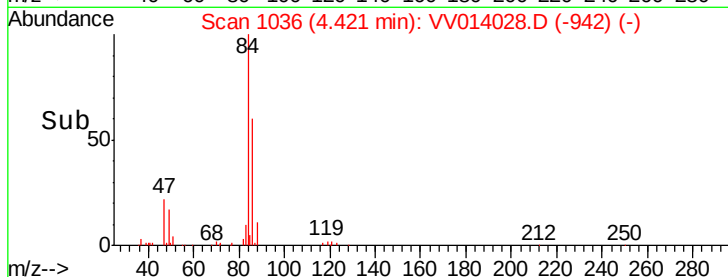
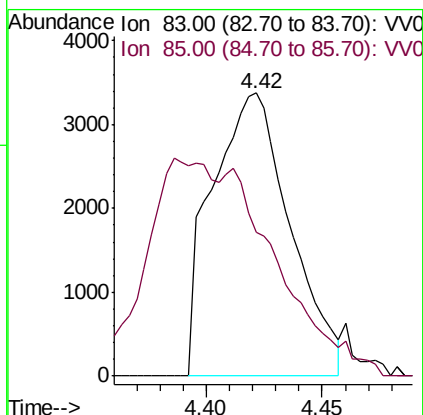
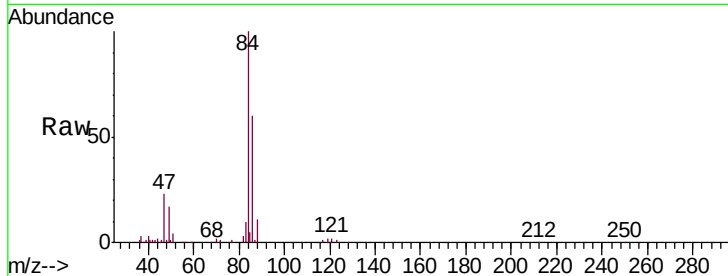




#25
Chloroform
Concen: 0.872 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
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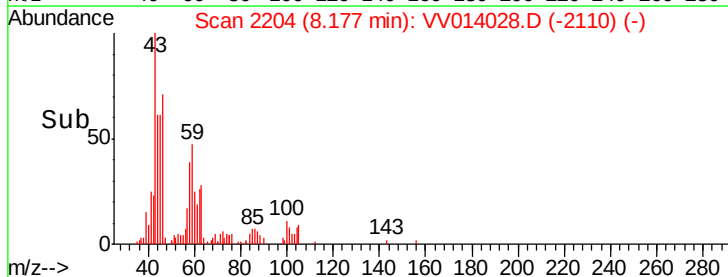
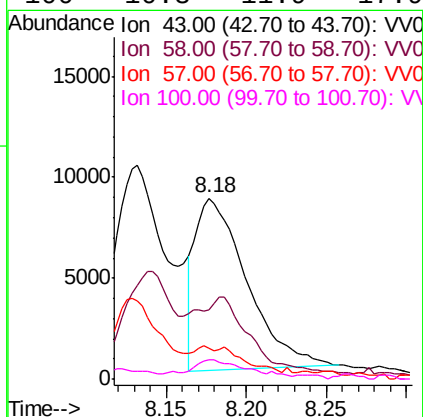
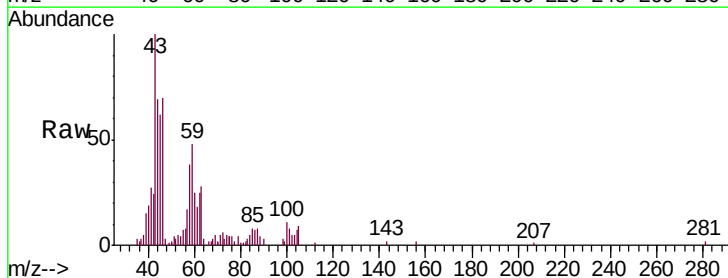
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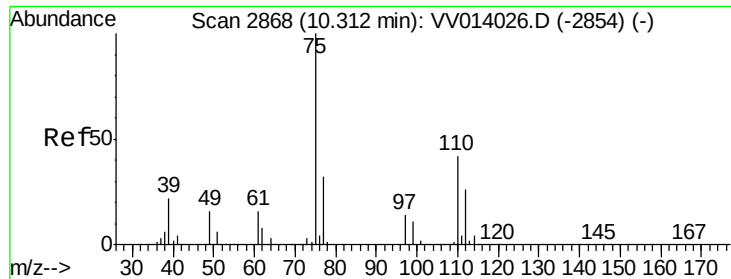
Tgt Ion: 83 Resp: 7920
Ion Ratio Lower Upper
83 100
85 50.9 45.7 84.9



#48
2-Hexanone
Concen: 3.770 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. 0.00 min
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Tgt Ion: 43 Resp: 19105
Ion Ratio Lower Upper
43 100
58 39.2 48.4 72.6#
57 1.4 16.6 24.8#
100 10.3 11.9 17.9#





#59

1,2,3-Trichloropropane

Concen: 4.232 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.98 min

Lab File: VV014028.D

Acq: 12 Dec 2019 10:57

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 27900

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.8

