

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010243.D
 Acq On : 11 Apr 2019 14:55
 Operator : SY/MD
 Sample : K2255-12
 Misc : 6.46G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC43

Quant Time: Apr 12 01:28:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 01:24:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	189480	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168864	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59374	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38869	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	1.58	69	38422	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
10) 1,1-Dichloroethene-d2	2.13	63	79519	14.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.28%
20) 2-Butanone-d5	3.93	46	27374	49.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.18%
24) Chloroform-d	4.40	84	92501	21.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.52%
26) 1,2-Dichloroethane-d4	5.08	65	53871	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.44%
29) Benzene-d6	5.10	84	190777	23.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.72%
33) 1,2-Dichloropropane-d6	6.12	67	59114	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.64%
37) Toluene-d8	7.36	98	174260	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.80%
38) trans-1,3-Dichloropropene-	7.66	79	21168	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.84%
39) 2-Hexanone-d5	8.13	63	15696	37.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46926	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.36%
61) 1,2-Dichlorobenzene-d4	11.68	152	49542	22.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.36%

Target Compounds

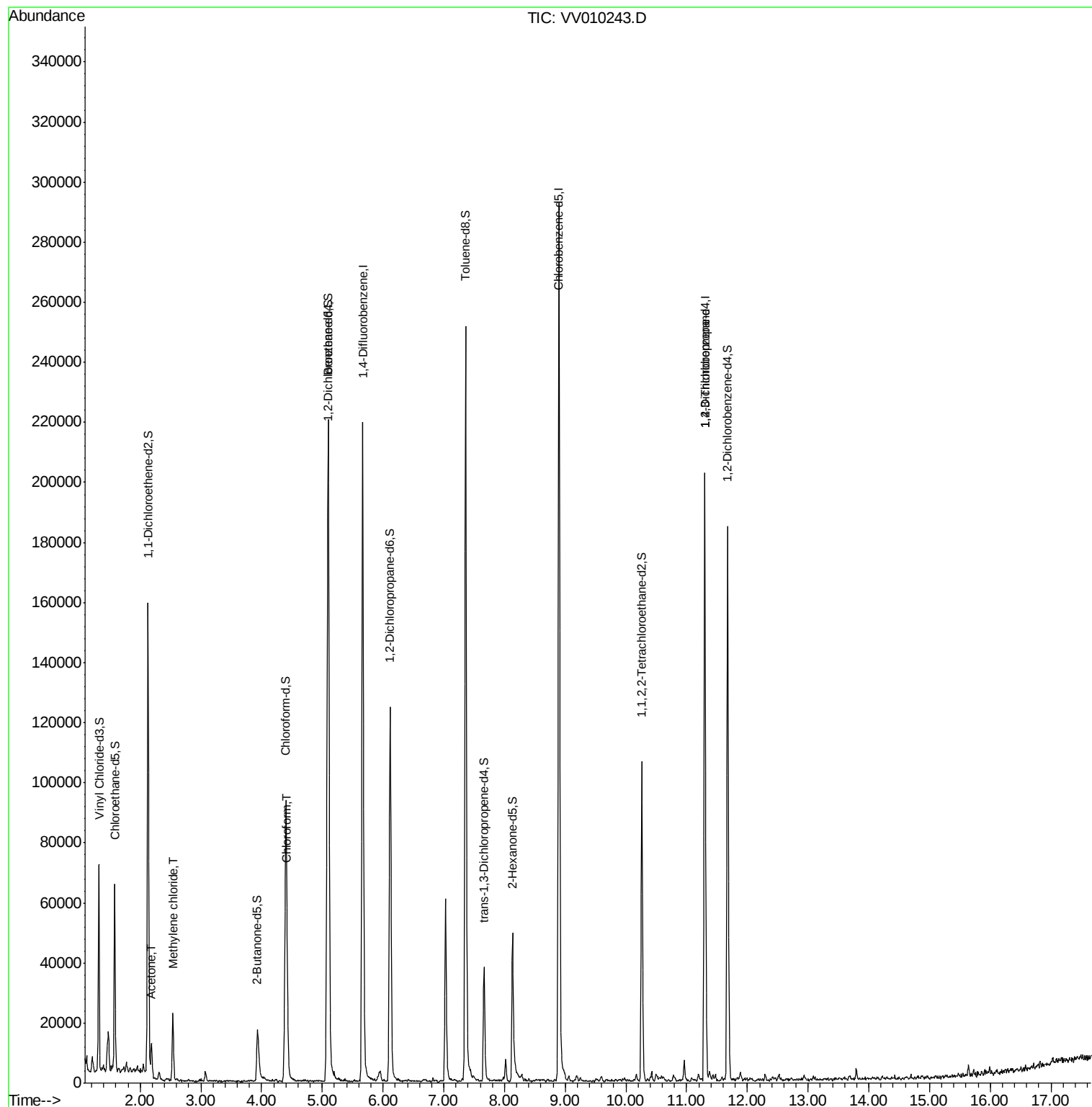
					Qvalue
13) Acetone	2.19	43	7757	13.153 ug/L	91
16) Methylene chloride	2.54	84	9504	2.561 ug/L	94
25) Chloroform	4.43	83	4712	1.015 ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	7477	4.626 ug/L	90

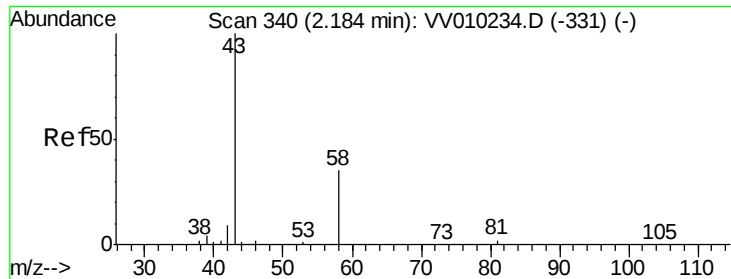
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.153 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV010243.D

Acq: 11 Apr 2019 14:55

Instrument :

MSVOA_V

ClientSampled :

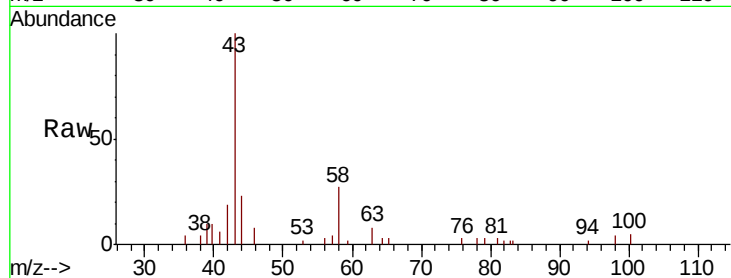
BFC43

Tgt Ion: 43 Resp: 7757

Ion Ratio Lower Upper

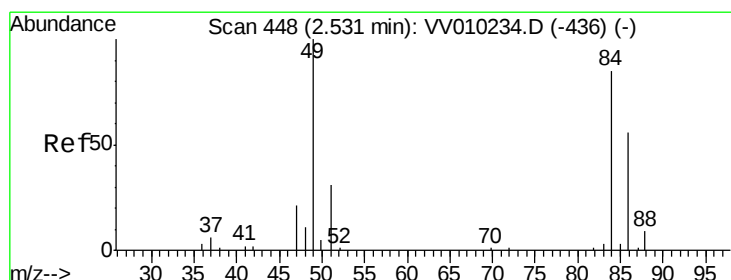
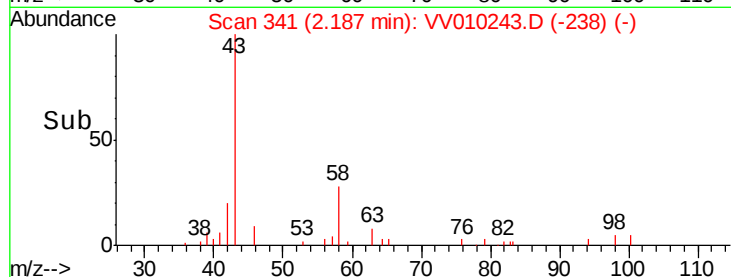
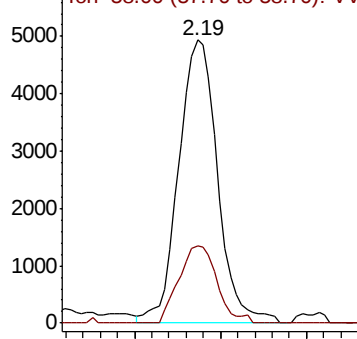
43 100

58 26.0 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.561 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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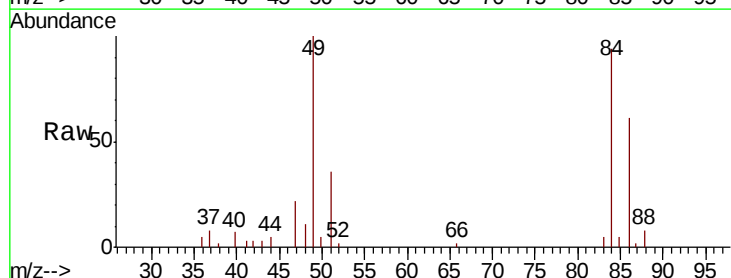
Tgt Ion: 84 Resp: 9504

Ion Ratio Lower Upper

84 100

49 106.0 79.9 148.5

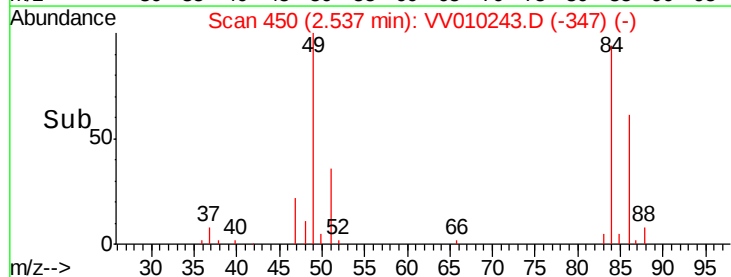
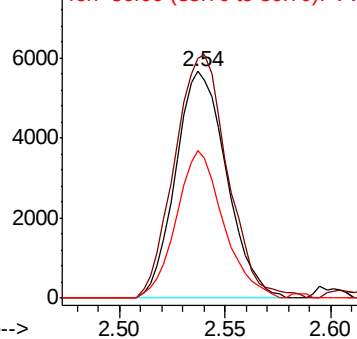
86 65.0 44.5 82.7

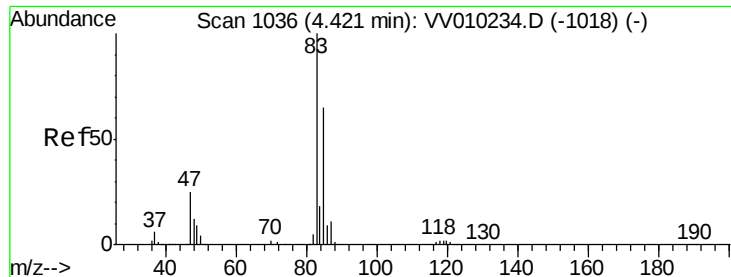


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

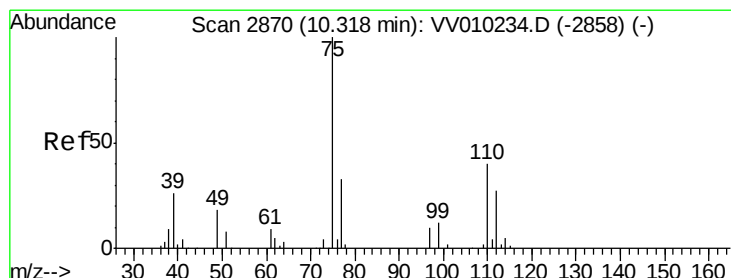
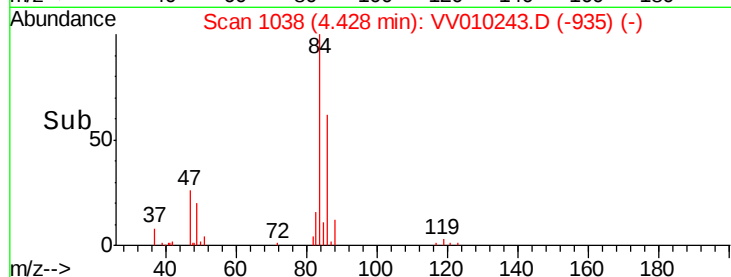
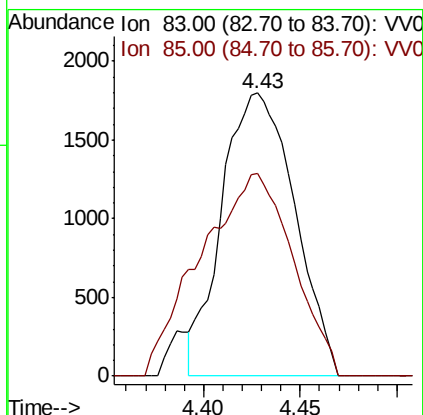
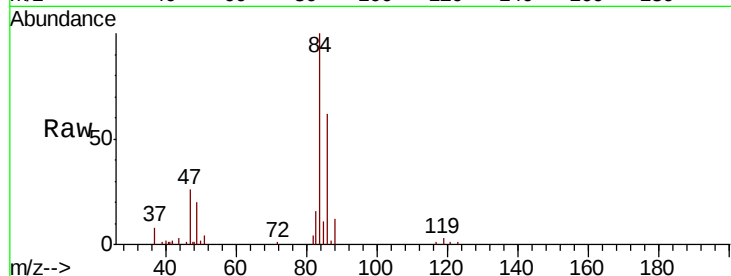




#25
Chloroform
Concen: 1.015 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 4712
Ion Ratio Lower Upper
83 100
85 90.5 45.4 84.2#



#59
1,2,3-Trichloropropane
Concen: 4.626 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010243.D
Acq: 11 Apr 2019 14:55

Tgt Ion: 75 Resp: 7477
Ion Ratio Lower Upper
75 100
77 39.3 26.9 40.3

