

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010253.D
 Acq On : 11 Apr 2019 19:15
 Operator : SY/MD
 Sample : K2255-15
 Misc : 5.74G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC54

Quant Time: Apr 12 01:29:25 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	294636	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	282866	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124262	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55013	16.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.88%
7) Chloroethane-d5	1.58	69	58274	19.99	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.96%
10) 1,1-Dichloroethene-d2	2.13	63	114512	13.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.04%
20) 2-Butanone-d5	3.94	46	35404	41.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.50%
24) Chloroform-d	4.40	84	140932	20.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.08	65	80801	21.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.32%
29) Benzene-d6	5.10	84	291179	21.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.40%
33) 1,2-Dichloropropane-d6	6.12	67	92073	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.80%
37) Toluene-d8	7.36	98	272269	20.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.88%
38) trans-1,3-Dichloropropene-	7.66	79	30270	17.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.60%
39) 2-Hexanone-d5	8.13	63	24794	35.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.78%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	72130	19.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	101433	22.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.40%

Target Compounds

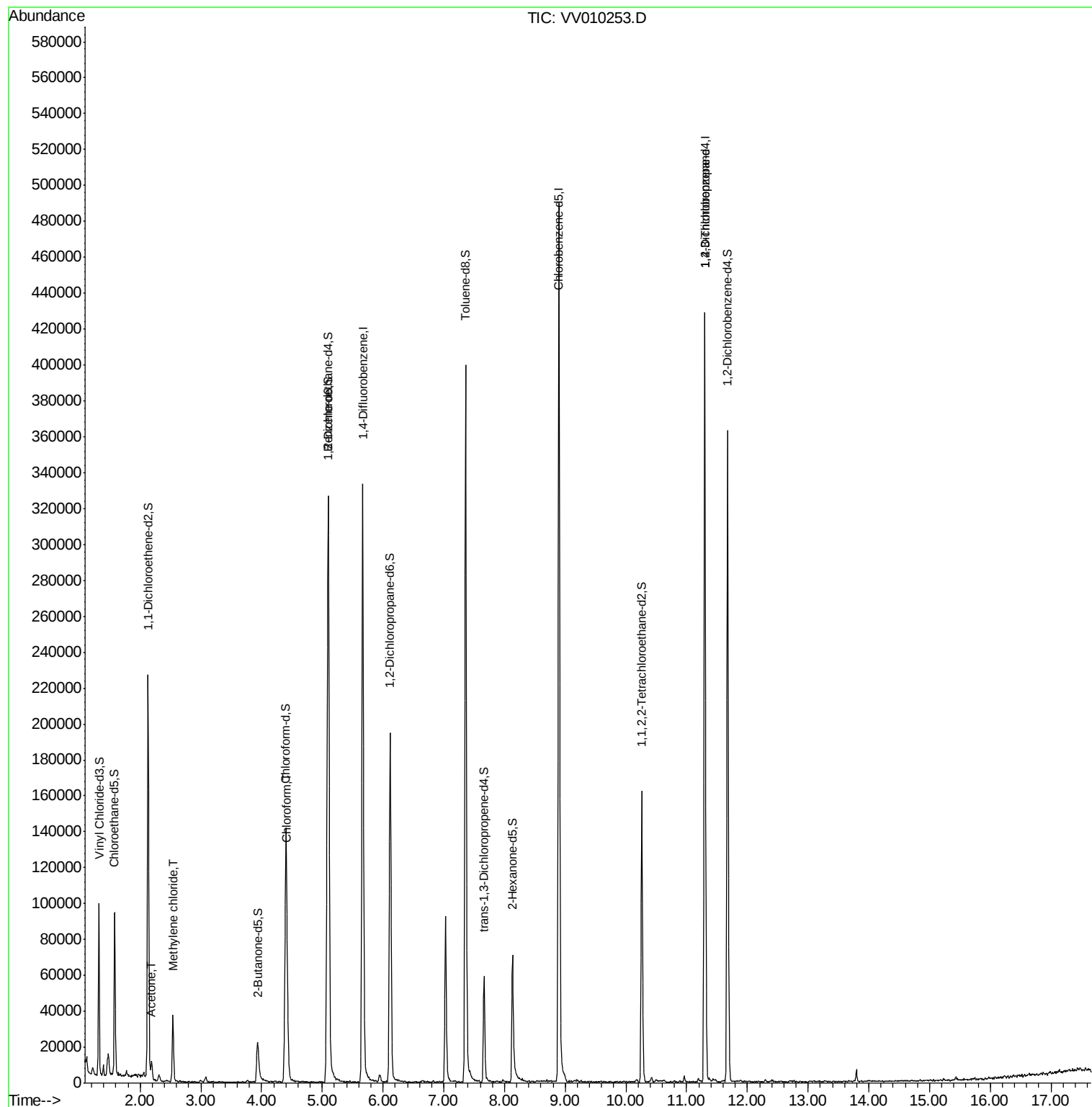
					Qvalue
13) Acetone	2.19	43	7221	7.874 ug/L	97
16) Methylene chloride	2.54	84	15051	2.608 ug/L	96
25) Chloroform	4.42	83	5934	0.822 ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	14758	5.451 ug/L	94

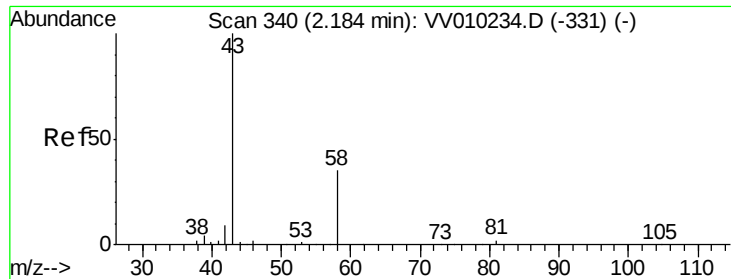
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.874 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010253.D

Acq: 11 Apr 2019 19:15

Instrument :

MSVOA_V

ClientSampleId :

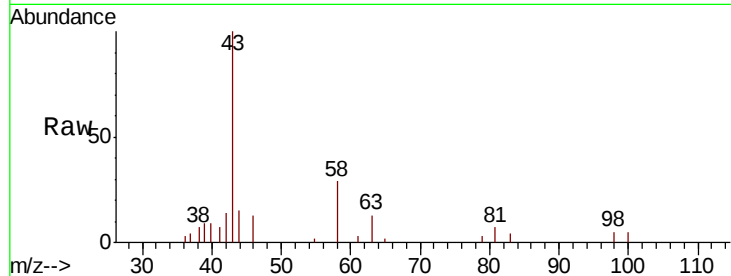
BFC54

Tgt Ion: 43 Resp: 7221

Ion Ratio Lower Upper

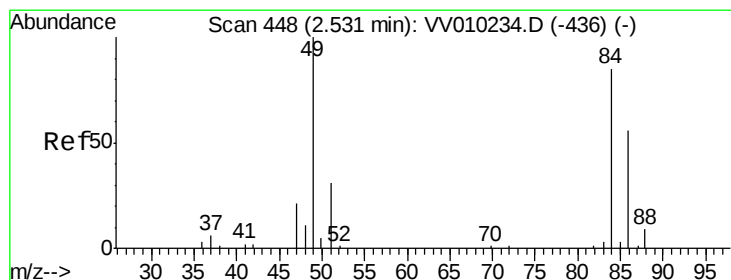
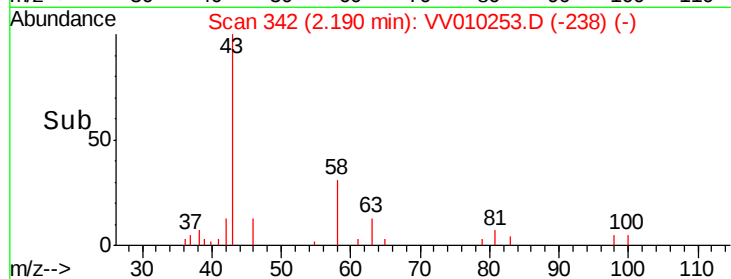
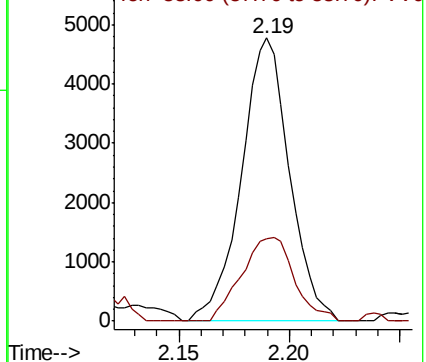
43 100

58 32.4 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010234.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010234.D (-331) (-)



#16

Methylene chloride

Concen: 2.608 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.00 min

Lab File: VV010253.D

Acq: 11 Apr 2019 19:15

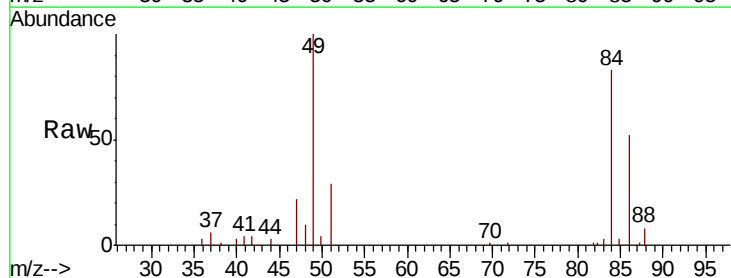
Tgt Ion: 84 Resp: 15051

Ion Ratio Lower Upper

84 100

49 120.4 79.9 148.5

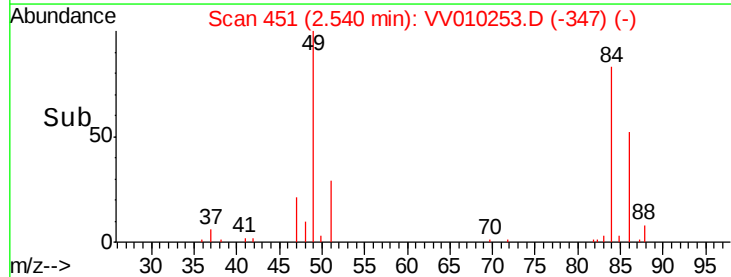
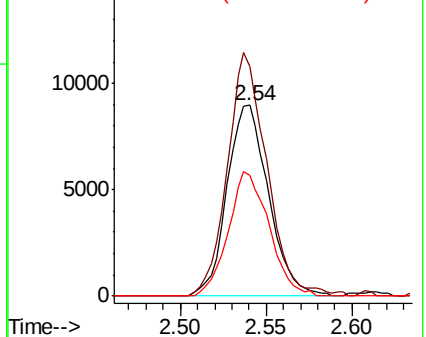
86 63.2 44.5 82.7

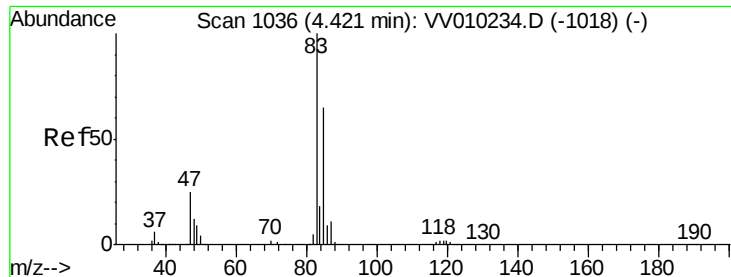


Abundance Ion 84.00 (83.70 to 84.70): VV010234.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010234.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010234.D (-436) (-)

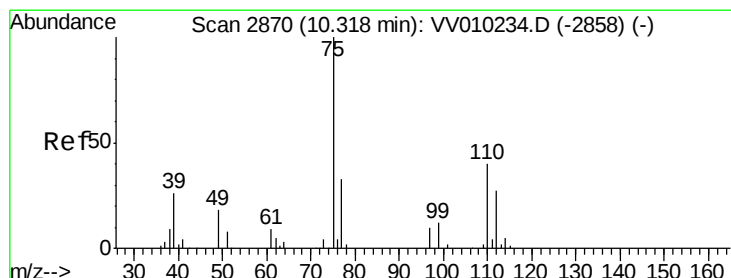
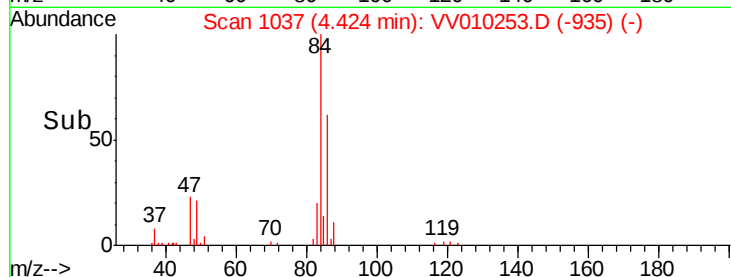
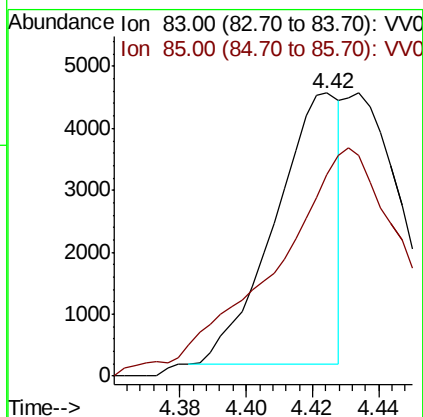
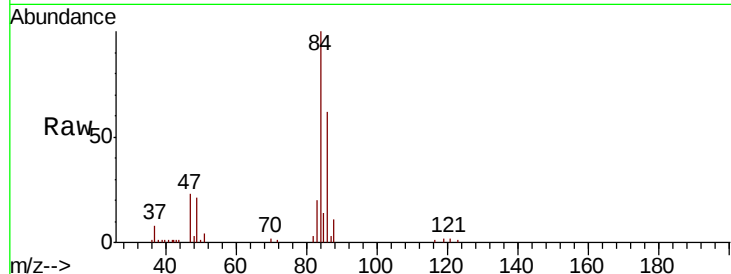




#25
Chloroform
Concen: 0.822 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
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Instrument :
MSVOA_V
ClientSampled :
BFC54

Tgt Ion: 83 Resp: 5934
Ion Ratio Lower Upper
83 100
85 165.0 45.4 84.2#



#59
1,2,3-Trichloropropane
Concen: 5.451 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010253.D
Acq: 11 Apr 2019 19:15

Tgt Ion: 75 Resp: 14758
Ion Ratio Lower Upper
75 100
77 37.0 26.9 40.3

