

Data File : VV010385.D
Acq On : 19 Apr 2019 14:30
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: Apr 20 02:31:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 02:27:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	421231	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	401324	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	208218	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135230	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.12%
7) Chloroethane-d5	1.57	69	106838	23.78	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.12%
10) 1,1-Dichloroethene-d2	2.12	63	205614	15.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.72%
20) 2-Butanone-d5	3.93	46	74829	44.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.84%
24) Chloroform-d	4.40	84	233475	21.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	5.08	65	152457	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.28%
29) Benzene-d6	5.10	84	463905	22.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.32%
33) 1,2-Dichloropropane-d6	6.12	67	138262	23.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.00%
37) Toluene-d8	7.36	98	474875	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	7.66	79	62924	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.12%
39) 2-Hexanone-d5	8.13	63	57674	43.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	126670	21.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	187575	22.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.64%

Target Compounds

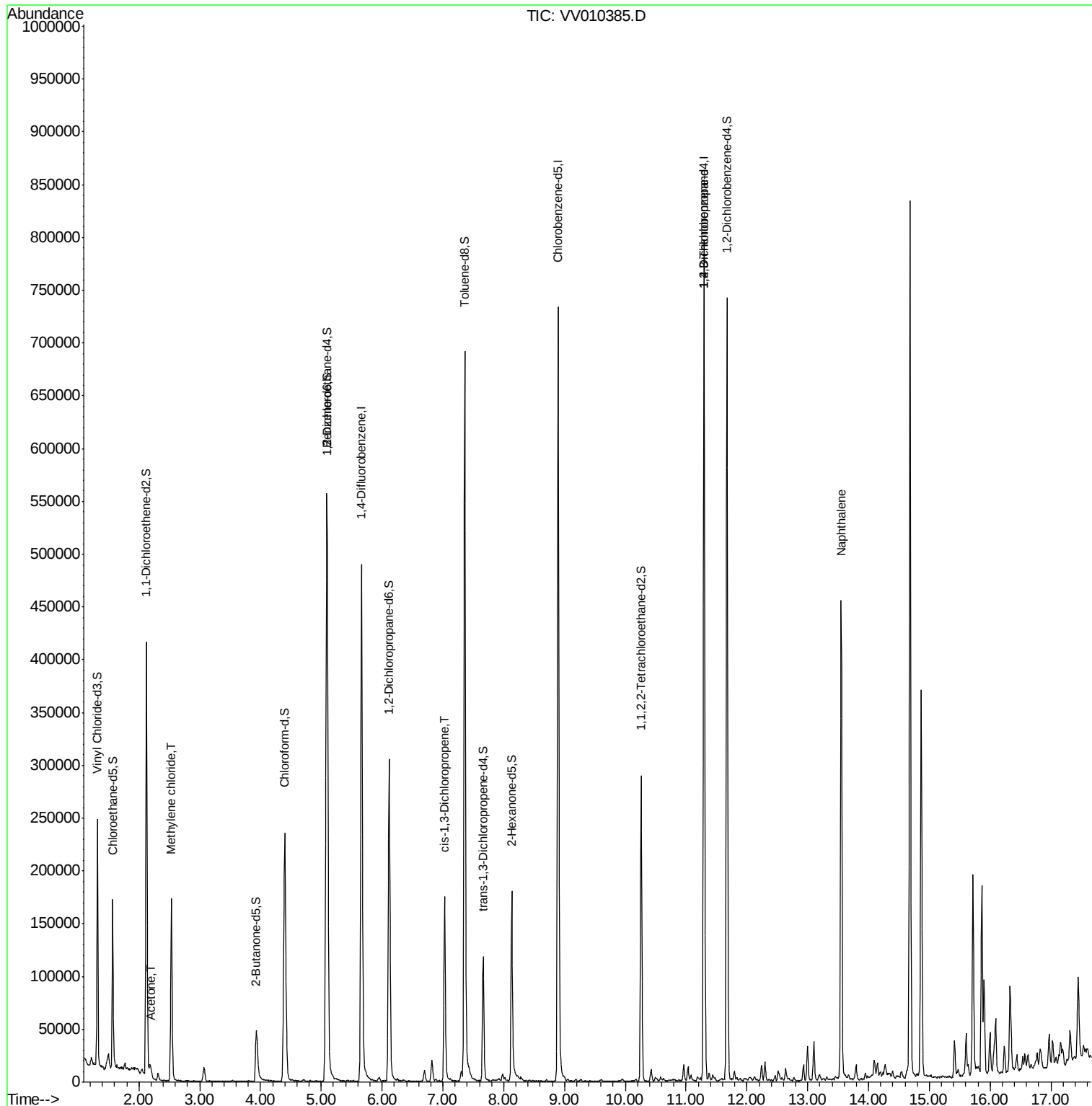
					Qvalue
13) Acetone	2.19	43	4766	2.711 ug/L	85
16) Methylene chloride	2.53	84	72097	10.716 ug/L	97
42) cis-1,3-Dichloropropene	7.03	75	5407	0.714 ug/L #	45
59) 1,2,3-Trichloropropane	11.29	75	25332	5.979 ug/L	92
69) Naphthalene	13.55	128	334387	21.452 ug/L	99

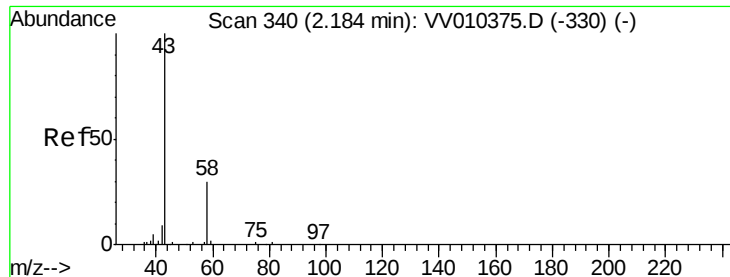
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.711 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

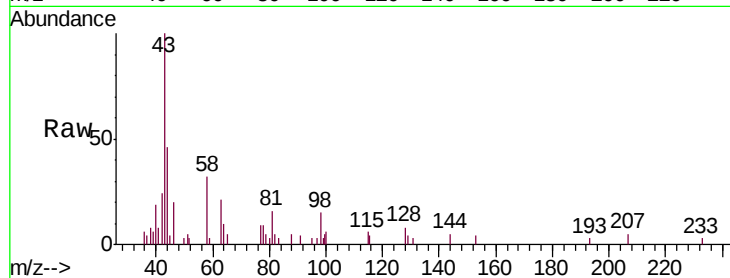
VIBLK

Tgt Ion: 43 Resp: 4766

Ion Ratio Lower Upper

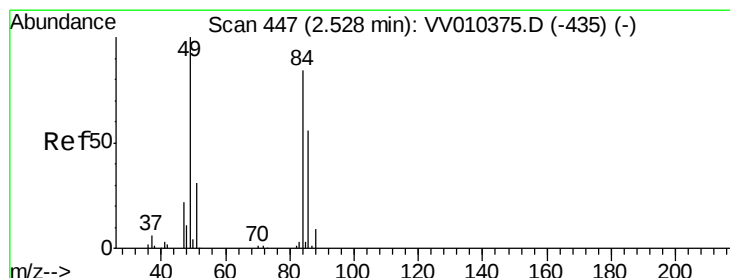
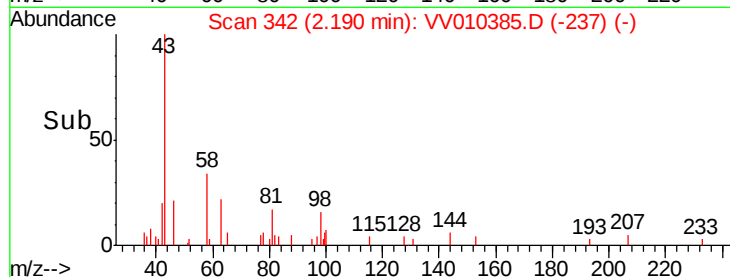
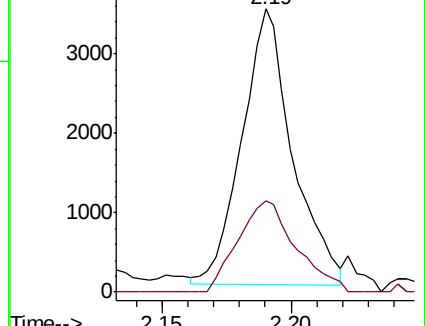
43 100

58 37.9 0.0 60.0



Abundance Ion 43.00 (42.70 to 43.70): VV010375.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010375.D (-330) (-)



#16

Methylene chloride

Concen: 10.716 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

Lab File: VV010385.D

Acq: 19 Apr 2019 14:30

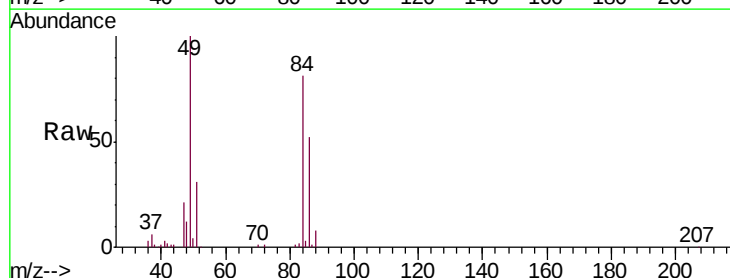
Tgt Ion: 84 Resp: 72097

Ion Ratio Lower Upper

84 100

49 123.0 83.8 155.6

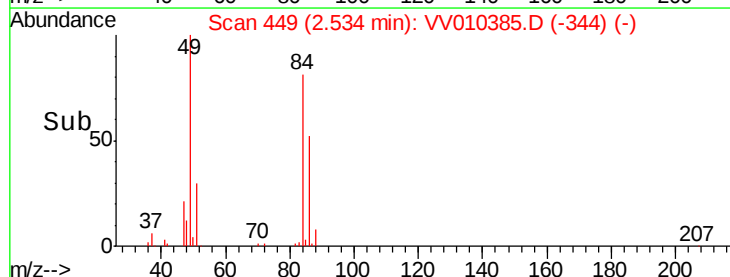
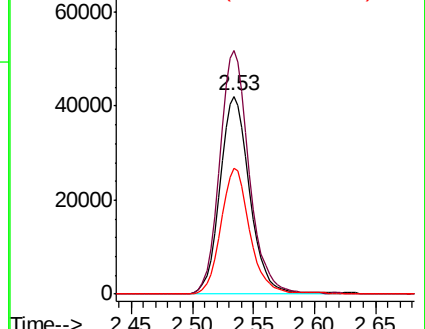
86 63.9 46.1 85.5

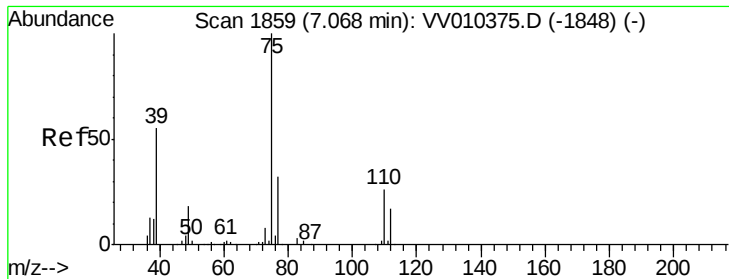


Abundance Ion 84.00 (83.70 to 84.70): VV010375.D (-435) (-)

Ion 49.00 (48.70 to 49.70): VV010375.D (-435) (-)

Ion 86.00 (85.70 to 86.70): VV010375.D (-435) (-)



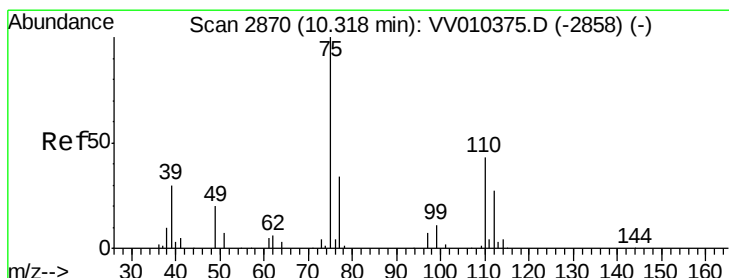
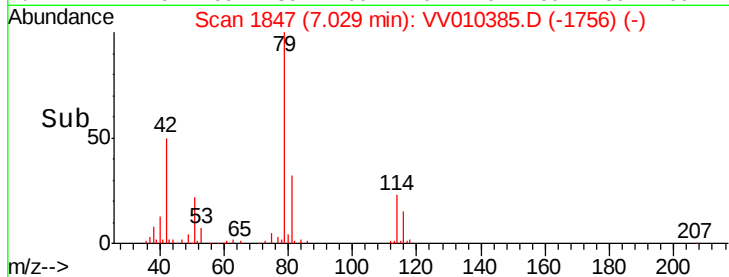
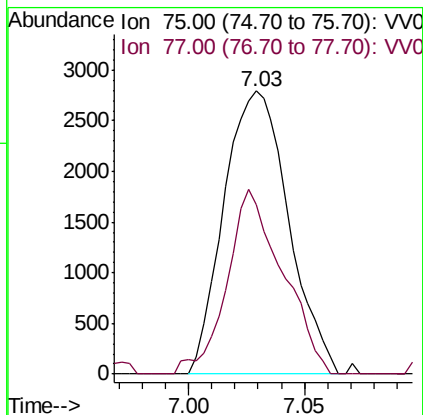
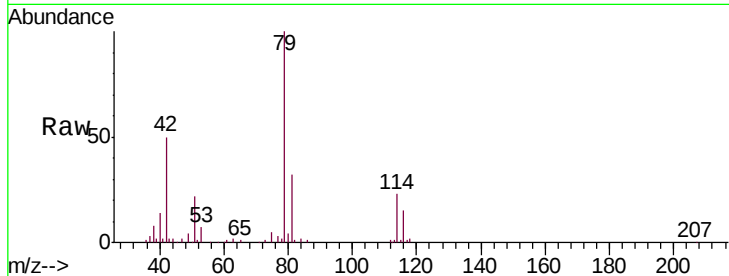


#42

cis-1,3-Dichloropropene
 Concen: 0.714 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
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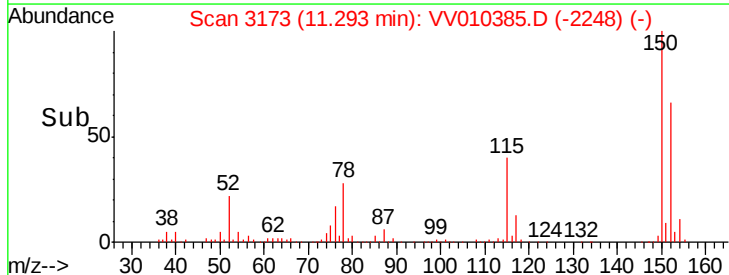
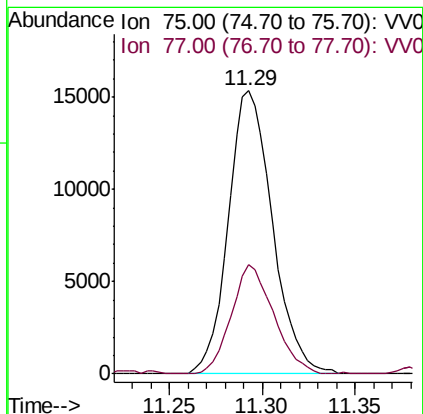
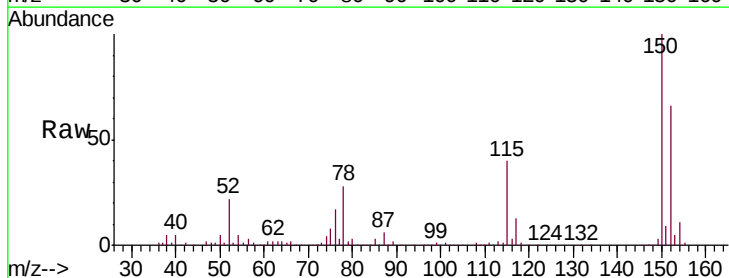
Tgt Ion: 75 Resp: 5407
 Ion Ratio Lower Upper
 75 100
 77 59.8 21.1 39.1#

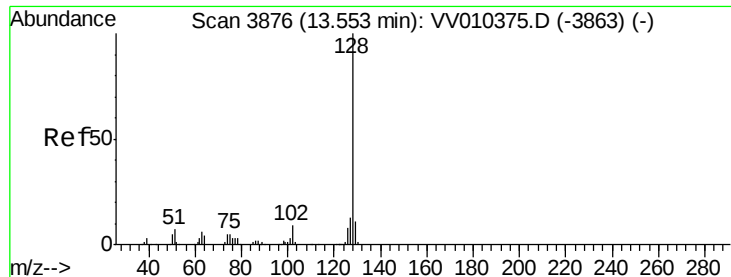


#59

1,2,3-Trichloropropane
 Concen: 5.979 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV010385.D
 Acq: 19 Apr 2019 14:30

Tgt Ion: 75 Resp: 25332
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.8 38.8





#69

Naphthalene

Concen: 21.452 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV010385.D

Acq: 19 Apr 2019 14:30

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion:128 Resp: 334387

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

127 13.0 10.7 16.1

