

Data File : VV010442.D
Acq On : 23 Apr 2019 07:45
Operator : SY/MD
Sample : K2481-10
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAHW3

Quant Time: Apr 23 08:24:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 07:55:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	435013	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	401798	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	181734	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	74739	12.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.88%
7) Chloroethane-d5	1.56	69	69906	15.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.00%
10) 1,1-Dichloroethene-d2	2.12	63	139741	12.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.96%
20) 2-Butanone-d5	3.93	46	62811	44.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.64%
24) Chloroform-d	4.39	84	220480	20.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.96%
26) 1,2-Dichloroethane-d4	5.07	65	139180	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.36%
29) Benzene-d6	5.09	84	394971	21.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.16%
33) 1,2-Dichloropropane-d6	6.11	67	130275	23.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.24%
37) Toluene-d8	7.36	98	364984	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.40%
38) trans-1,3-Dichloropropene-	7.66	79	46423	17.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.92%
39) 2-Hexanone-d5	8.13	63	48404	44.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	116999	21.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	145726	21.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.40%

Target Compounds

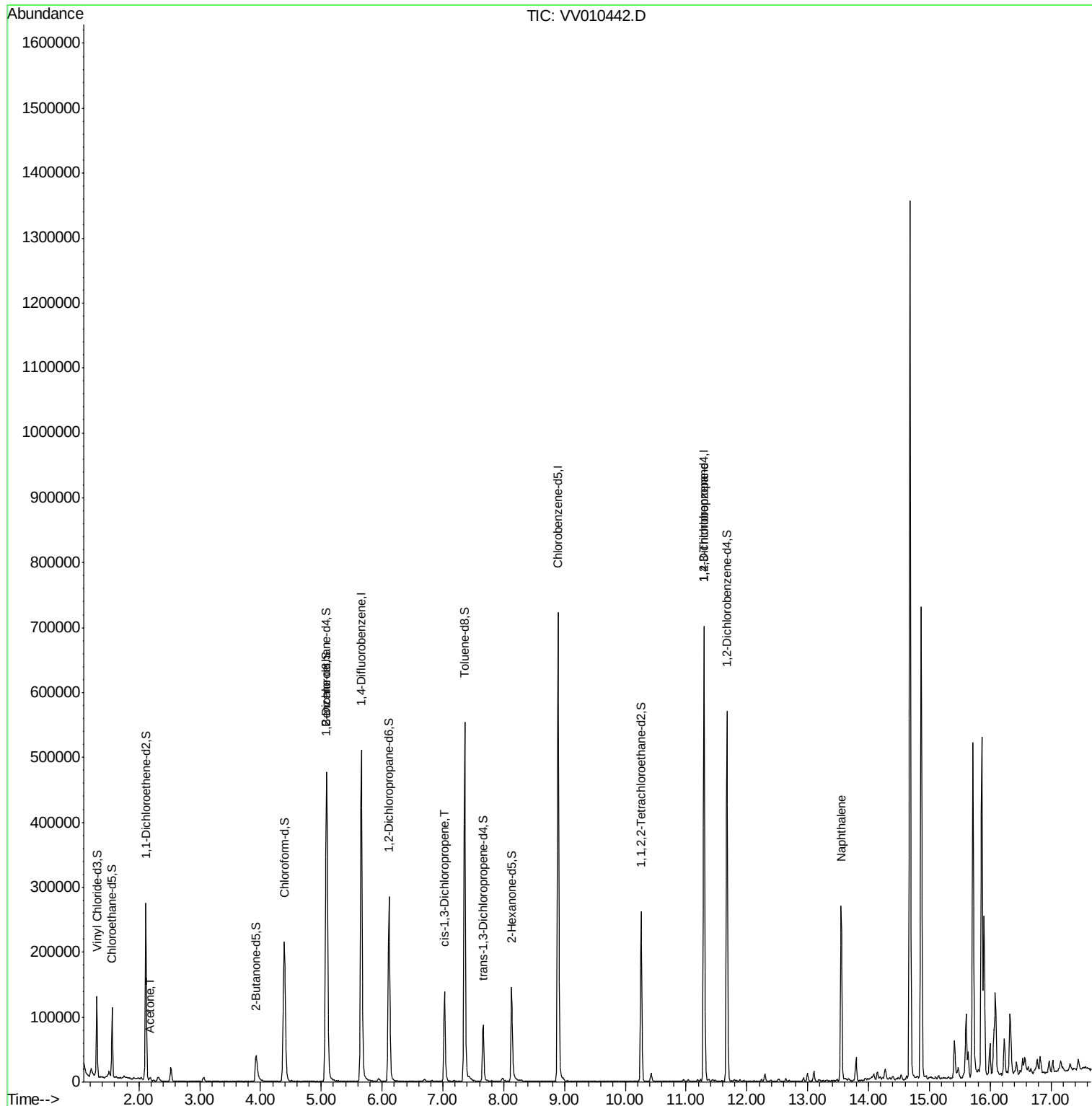
					Qvalue
13) Acetone	2.19	43	3956	2.634 ug/L	90
42) cis-1,3-Dichloropropene	7.02	75	4043	0.560 ug/L #	56
59) 1,2,3-Trichloropropane	11.29	75	21038	5.591 ug/L	91
69) Naphthalene	13.55	128	203707	19.783 ug/L	100

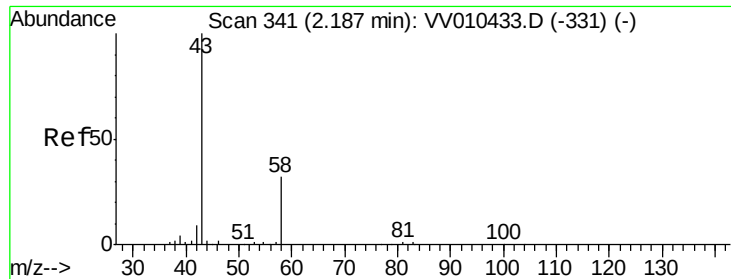
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.634 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Acq: 23 Apr 2019 07:45

Instrument :

MSVOA_V

ClientSampleId :

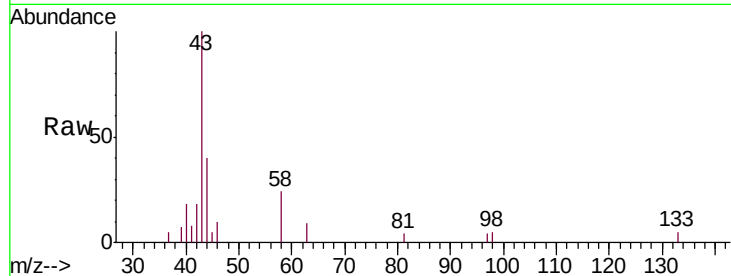
GAHW3

Tgt Ion: 43 Resp: 3956

Ion Ratio Lower Upper

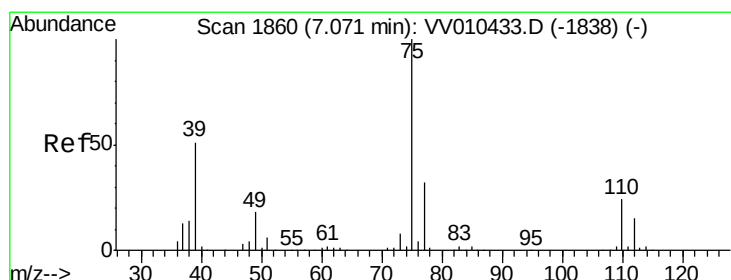
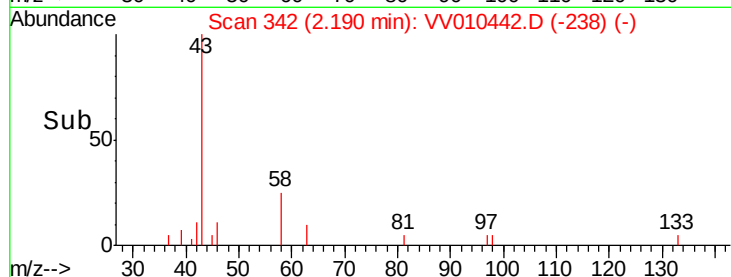
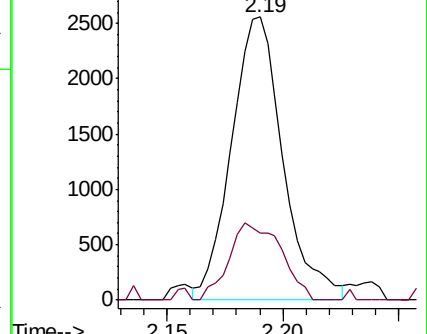
43 100

58 27.5 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#42

cis-1,3-Dichloropropene

Concen: 0.560 ug/L

RT: 7.02 min Scan# 1845

Delta R.T. -0.05 min

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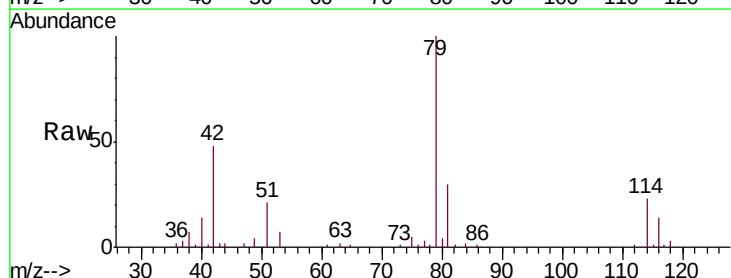
Acq: 23 Apr 2019 07:45

Tgt Ion: 75 Resp: 4043

Ion Ratio Lower Upper

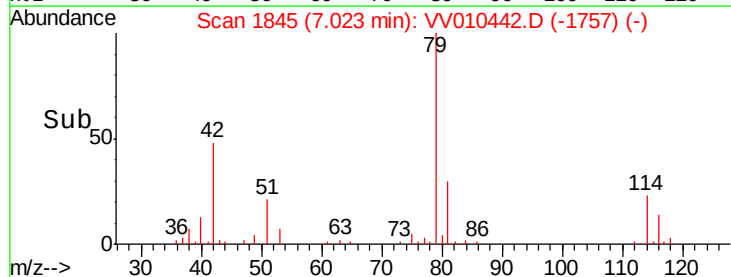
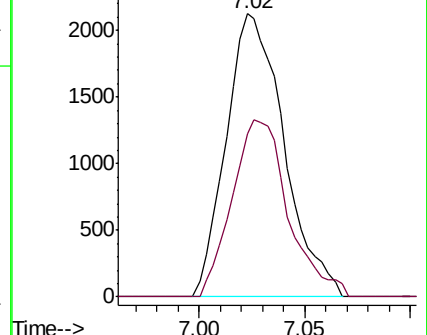
75 100

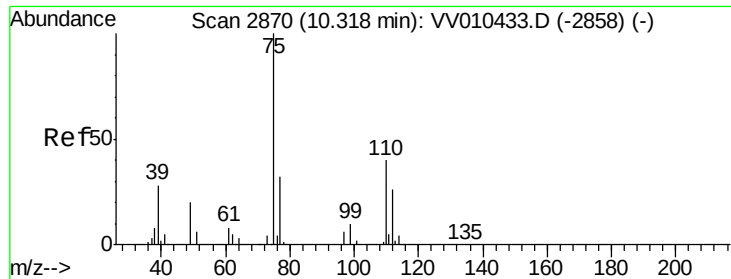
77 57.5 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

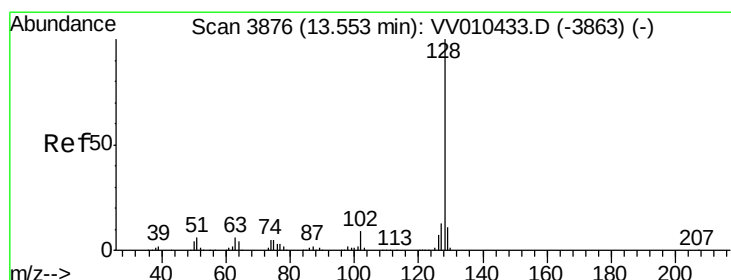
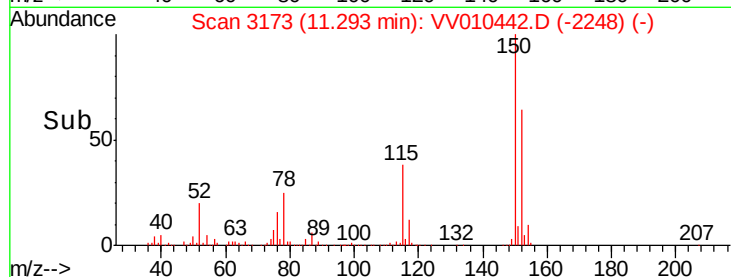
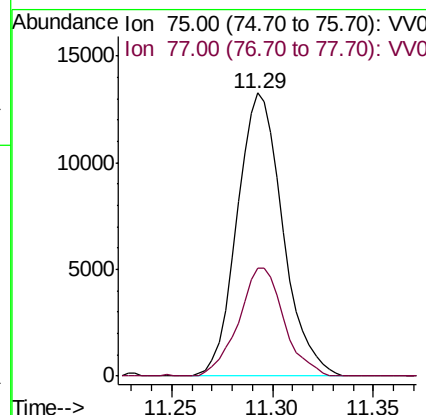
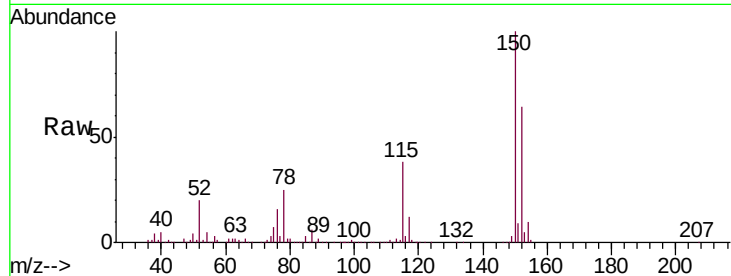




#59
 1,2,3-Trichloropropane
 Concen: 5.591 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
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Instrument :
 MSVOA_V
 ClientSampled :
 GAHW3

Tgt Ion: 75 Resp: 21038
 Ion Ratio Lower Upper
 75 100
 77 37.8 26.2 39.2



#69
 Naphthalene
 Concen: 19.783 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. -0.00 min
 Lab File: VV010442.D
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Tgt Ion: 128 Resp: 203707
 Ion Ratio Lower Upper
 128 100
 129 10.6 8.4 12.6
 127 12.9 10.2 15.2

