

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041819\
 Data File : VV010380.D
 Acq On : 19 Apr 2019 11:44
 Operator : SY/MD
 Sample : K2402-04
 Misc : 4.99G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH6

Quant Time: Apr 20 04:04:20 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	297752	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	288515	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	145265	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77498	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.00%
7) Chloroethane-d5	1.57	69	77901	24.53	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	2.13	63	156092	17.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.44%
20) 2-Butanone-d5	3.93	46	65036	55.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.46%
24) Chloroform-d	4.40	84	183018	23.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.52%
26) 1,2-Dichloroethane-d4	5.08	65	115835	25.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.28%
29) Benzene-d6	5.10	84	337360	22.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.36%
33) 1,2-Dichloropropane-d6	6.12	67	105720	24.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.84%
37) Toluene-d8	7.36	98	320900	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	7.66	79	44479	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.68%
39) 2-Hexanone-d5	8.13	63	44817	46.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	105693	24.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	142305	24.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.68%

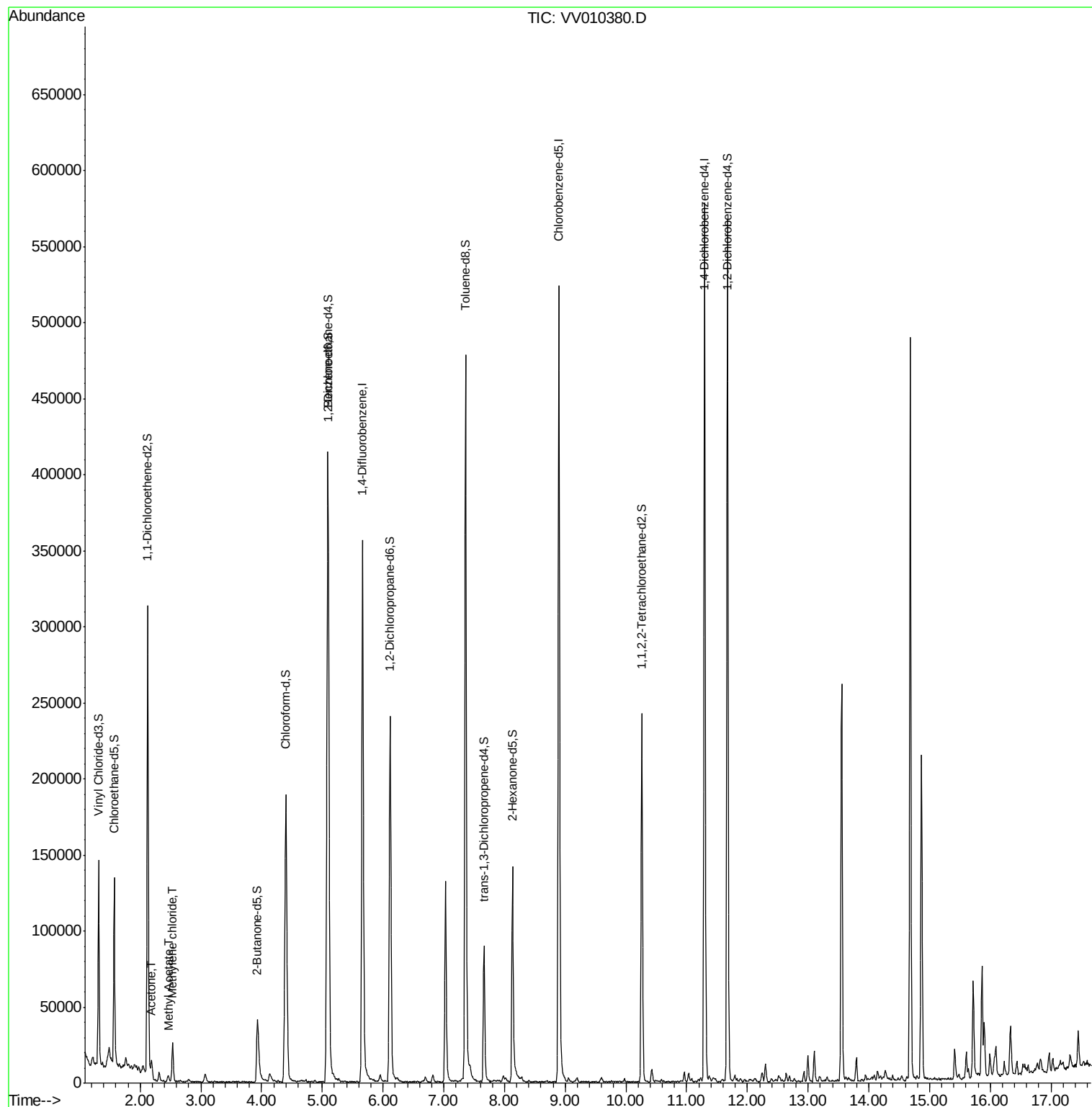
Target Compounds					Ovalue
13) Acetone	2.19	43	4405	3.545 ug/L	99
15) Methyl Acetate	2.46	43	4300	2.120 ug/L #	87
16) Methylene chloride	2.53	84	9958	2.094 ug/L	95

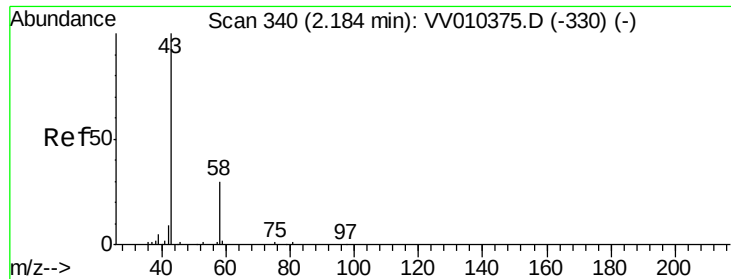
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.545 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV010380.D

Acq: 19 Apr 2019 11:44

Instrument :

MSVOA_V

ClientSampleId :

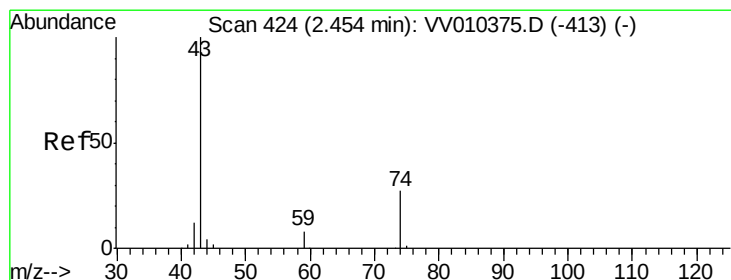
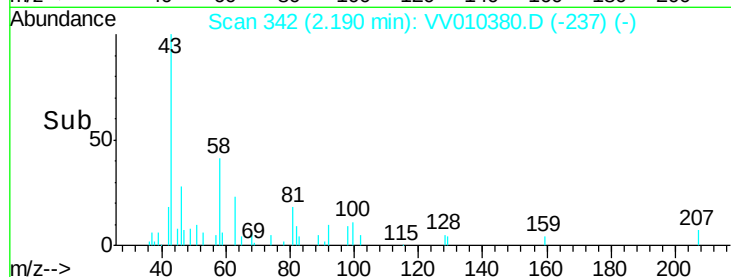
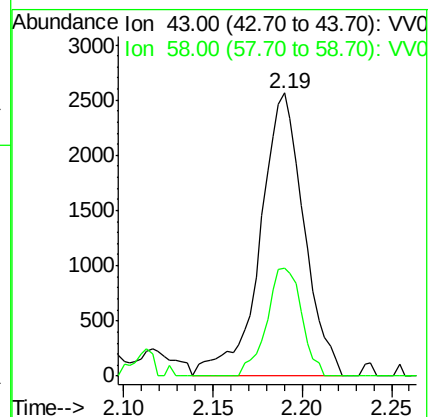
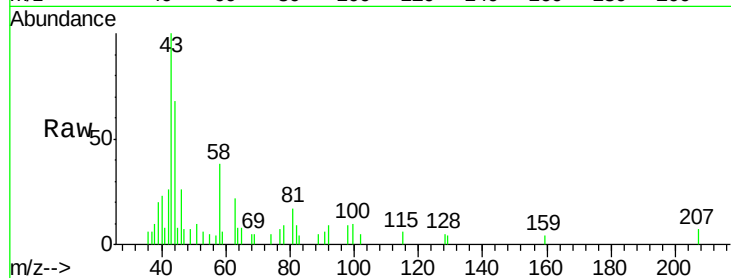
GAHH6

Tot Ion: 43 Resp: 4405

Ion Ratio Lower Upper

43 100

58 30.4 0.0 60.0



#15

Methyl Acetate

Concen: 2.120 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: VV010380.D

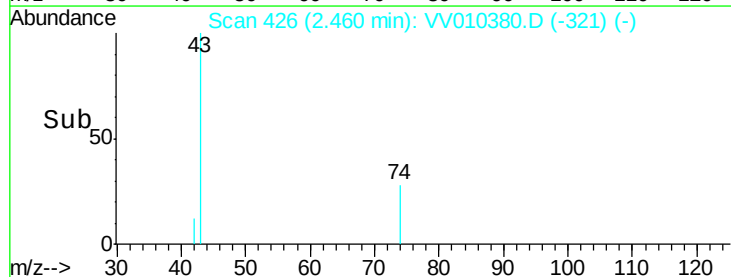
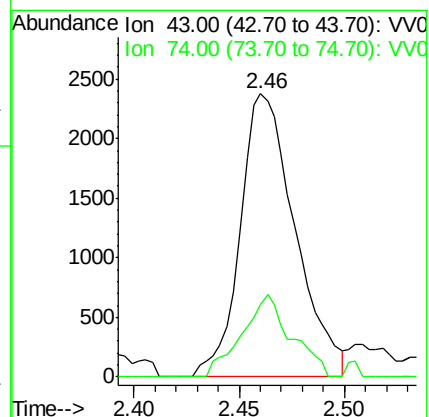
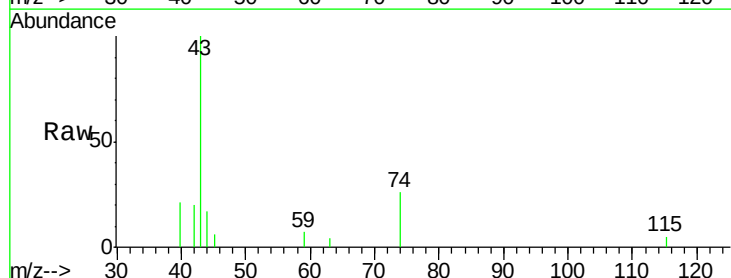
Acq: 19 Apr 2019 11:44

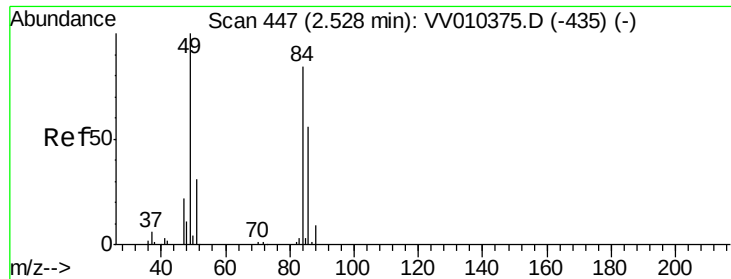
Tgt Ion: 43 Resp: 4300

Ion Ratio Lower Upper

43 100

74 20.9 22.1 33.1#





#16
 Methvlene chloride
 Concen: 2.094 ug/L
 RT: 2.53 min Scan# 449
 Delta R.T. 0.01 min
 Lab File: VV010380.D
 Acq: 19 Apr 2019 11:44

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHH6

Tot Ion: 84 Resp: 9958
 Ion Ratio Lower Upper
 84 100
 49 111.5 83.8 155.6
 86 65.5 46.1 85.5

