

Data File : VV010969.D
Acq On : 20 May 2019 20:30
Operator : SY/MD
Sample : K2846-10
Misc : 4.89G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH91

Quant Time: May 21 04:07:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	123291	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	122046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	43968	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	23400	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
7) Chloroethane-d5	1.57	69	18364	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.20%
10) 1,1-Dichloroethene-d2	2.12	63	35114	12.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.96%
20) 2-Butanone-d5	3.94	46	21097	43.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.00%
24) Chloroform-d	4.40	84	57731	18.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.32%
26) 1,2-Dichloroethane-d4	5.08	65	40566	21.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.24%
29) Benzene-d6	5.09	84	135561	20.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.40%
33) 1,2-Dichloropropane-d6	6.11	67	46944	22.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.68%
37) Toluene-d8	7.36	98	113249	18.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.12%
38) trans-1,3-Dichloropropene-	7.66	79	14498	16.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.72%
39) 2-Hexanone-d5	8.13	63	18145	45.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39935	18.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	37691	21.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.44%

Target Compounds

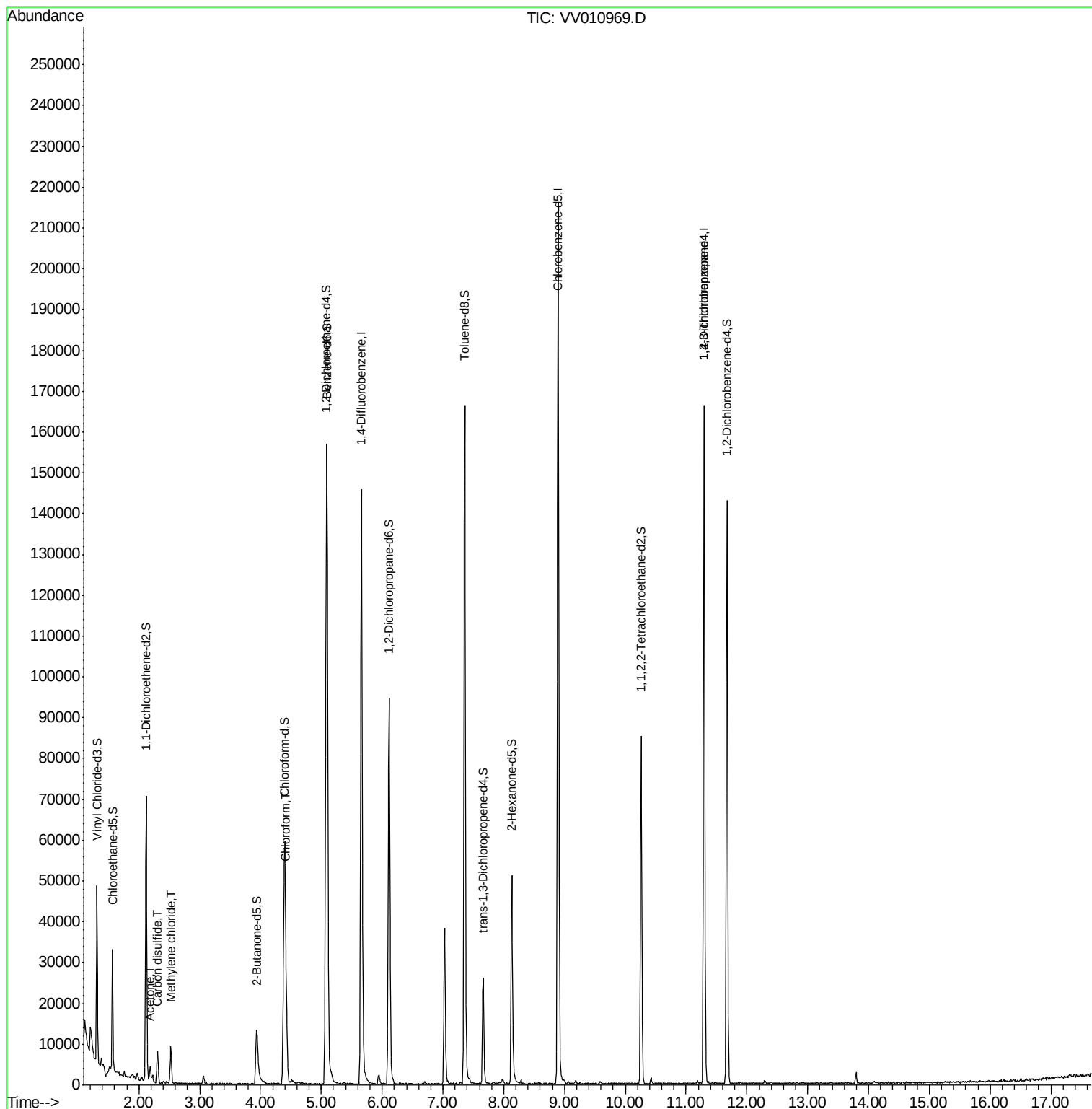
					Qvalue
13) Acetone	2.19	43	3090	6.607 ug/L	97
14) Carbon disulfide	2.31	76	6698	1.838 ug/L	99
16) Methylene chloride	2.53	84	3456	1.633 ug/L	97
25) Chloroform	4.42	83	14476	3.915 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	5316	3.488 ug/L	90

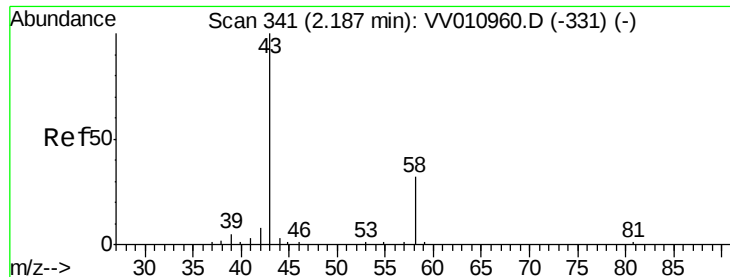
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.607 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

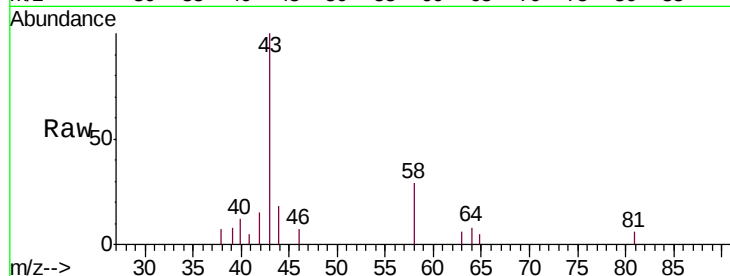
BFH91

Tgt Ion: 43 Resp: 3090

Ion Ratio Lower Upper

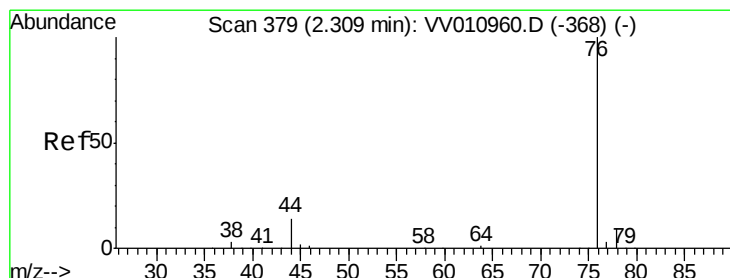
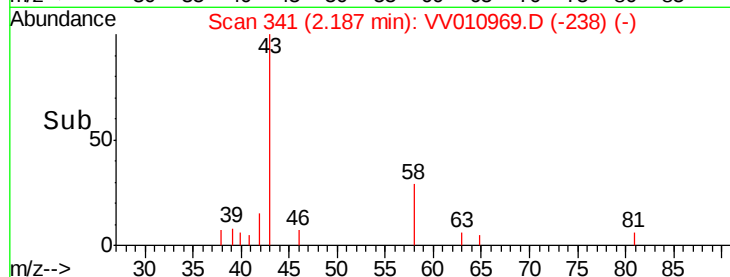
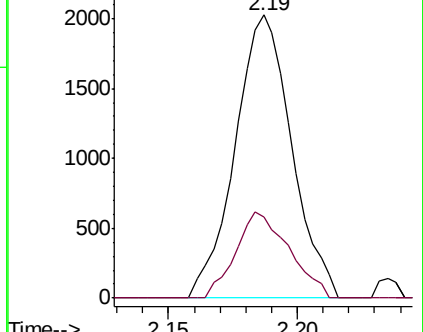
43 100

58 28.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV010969.D (-238) (-)

Ion 58.00 (57.70 to 58.70): VV010969.D (-238) (-)



#14

Carbon disulfide

Concen: 1.838 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV010969.D

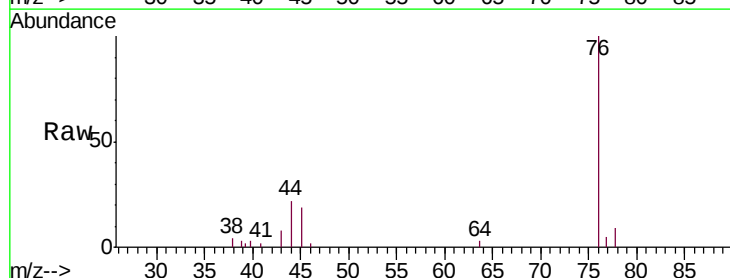
Acq: 20 May 2019 20:30

Tgt Ion: 76 Resp: 6698

Ion Ratio Lower Upper

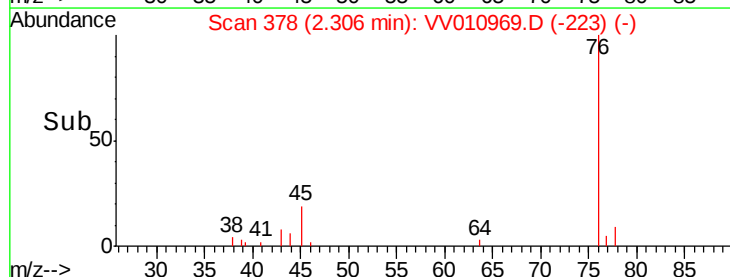
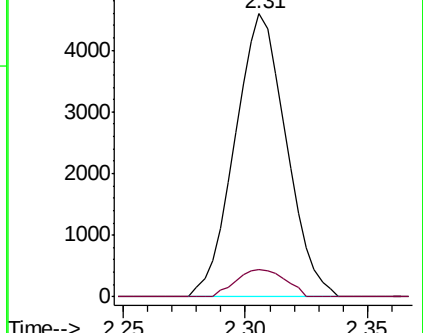
76 100

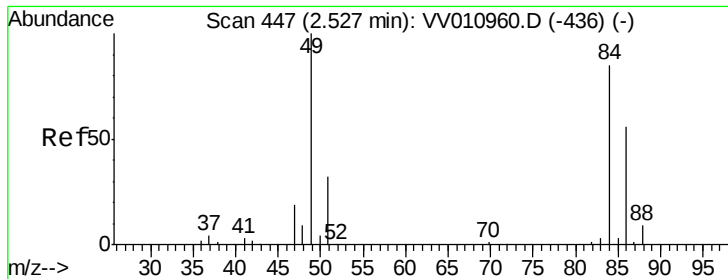
78 9.5 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010969.D (-223) (-)

Ion 78.00 (77.70 to 78.70): VV010969.D (-223) (-)

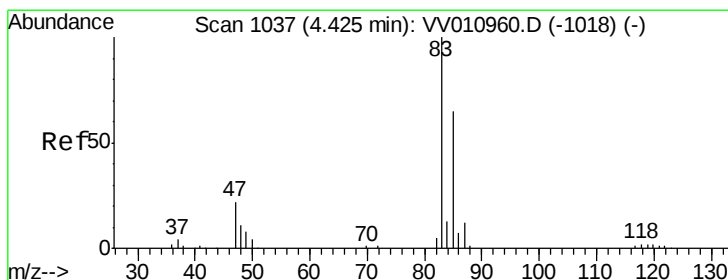
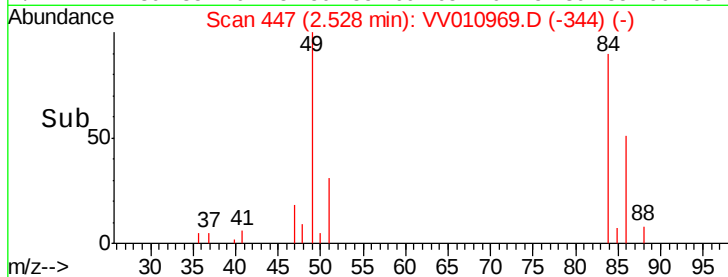
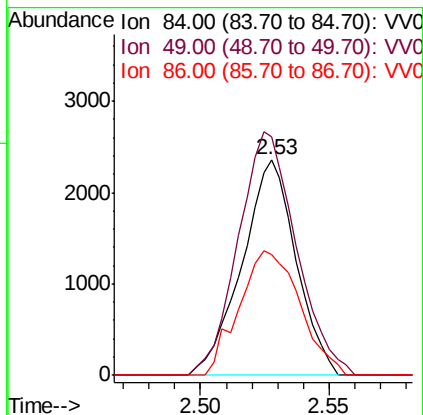
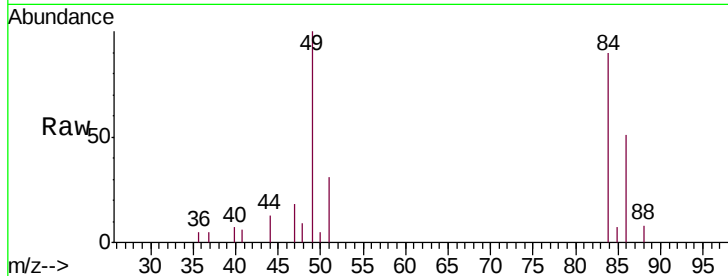




#16
Methylene chloride
Concen: 1.633 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV010969.D
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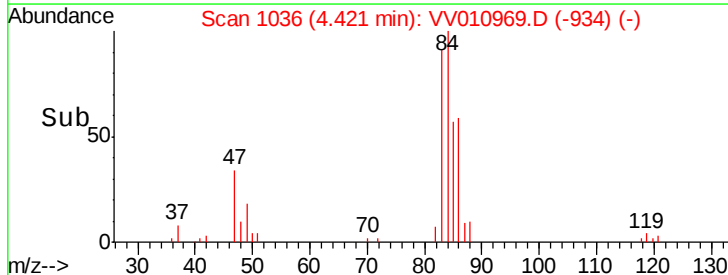
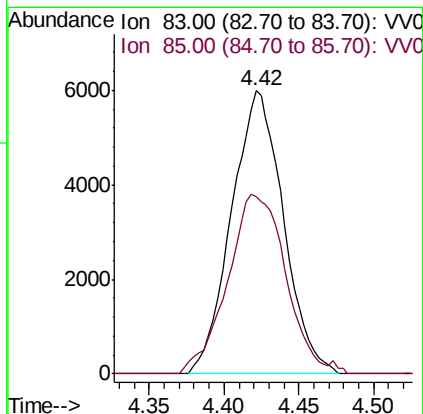
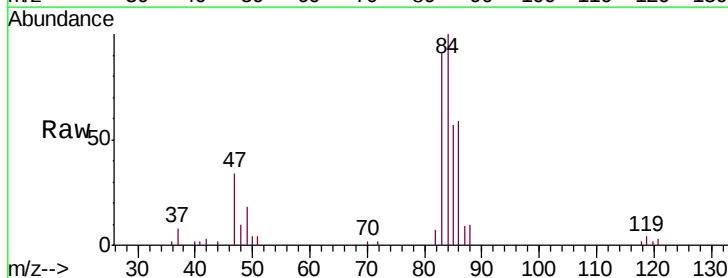
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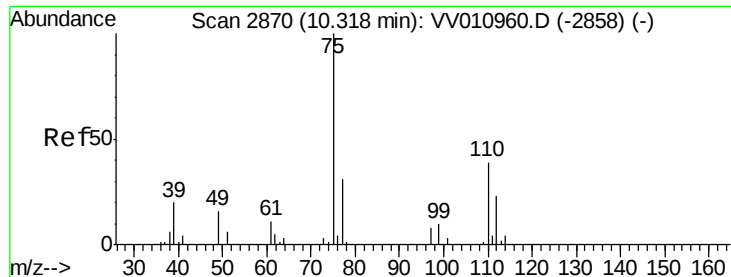
Tgt Ion: 84 Resp: 3456
Ion Ratio Lower Upper
84 100
49 110.6 77.4 143.8
86 56.1 44.0 81.6



#25
Chloroform
Concen: 3.915 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010969.D
Acq: 20 May 2019 20:30

Tgt Ion: 83 Resp: 14476
Ion Ratio Lower Upper
83 100
85 70.7 45.6 84.8





#59

1,2,3-Trichloropropane

Concen: 3.488 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010969.D

Acq: 20 May 2019 20:30

Instrument :

MSVOA_V

ClientSampleId :

BFH91

Tgt Ion: 75 Resp: 5316

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2

