

Data File : VV010991.D
Acq On : 21 May 2019 09:35
Operator : SY/MD
Sample : K2846-09RE
Misc : 5.41G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFH90

Quant Time: May 22 05:27:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 05:24:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151407	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	141976	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	51515	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33172	19.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.88%
7) Chloroethane-d5	1.57	69	25297	21.65	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.60%
10) 1,1-Dichloroethene-d2	2.12	63	49713	14.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.92%
20) 2-Butanone-d5	3.93	46	20231	33.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.94%
24) Chloroform-d	4.40	84	69479	17.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.84%
26) 1,2-Dichloroethane-d4	5.08	65	43936	19.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.04%
29) Benzene-d6	5.09	84	171900	22.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.72%
33) 1,2-Dichloropropane-d6	6.11	67	55132	22.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.52%
37) Toluene-d8	7.36	98	150349	20.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.48%
38) trans-1,3-Dichloropropene-	7.66	79	17316	17.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.48%
39) 2-Hexanone-d5	8.13	63	15323	33.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.72%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40154	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	43852	20.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.88%

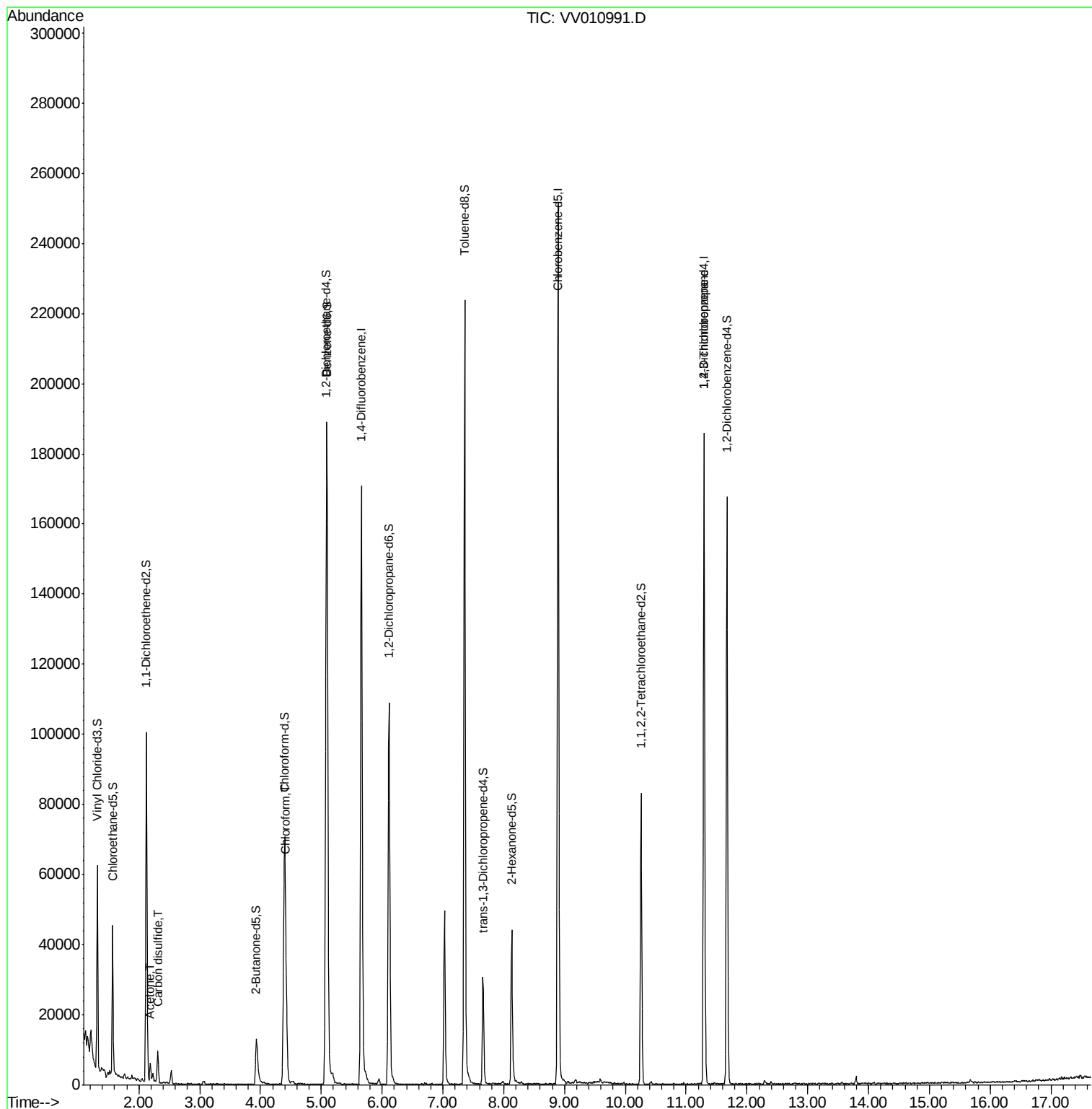
Target Compounds					Qvalue
13) Acetone	2.19	43	4353	7.579 ug/L	88
14) Carbon disulfide	2.31	76	8219	1.837 ug/L	98
25) Chloroform	4.42	83	17599	3.875 ug/L	95
59) 1,2,3-Trichloropropane	11.29	75	6301	3.554 ug/L	96

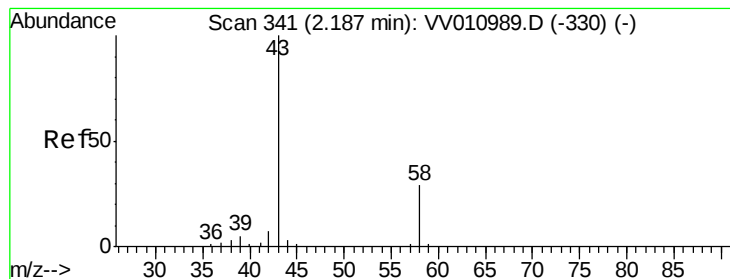
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.579 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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MSVOA_V

ClientSampleId :

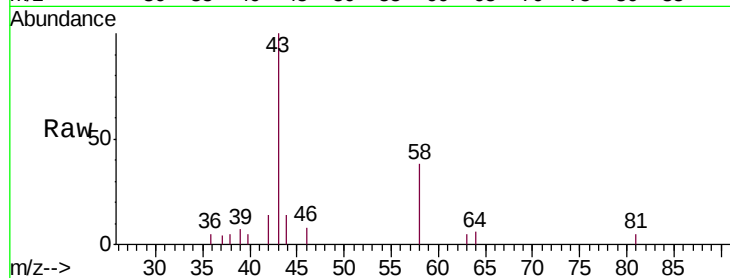
BFH90

Tgt Ion: 43 Resp: 4353

Ion Ratio Lower Upper

43 100

58 37.0 0.0 60.8



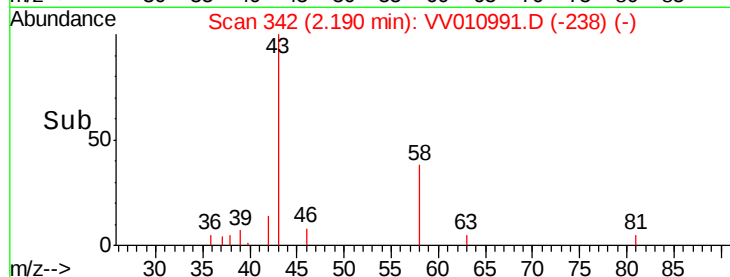
Abundance Ion 43.00 (42.70 to 43.70): VV010989.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010989.D (-330) (-)

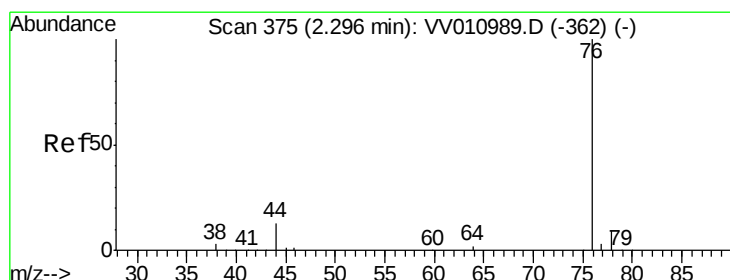
2.19

2.15 2.20

Time-->



Time-->



#14

Carbon disulfide

Concen: 1.837 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV010991.D

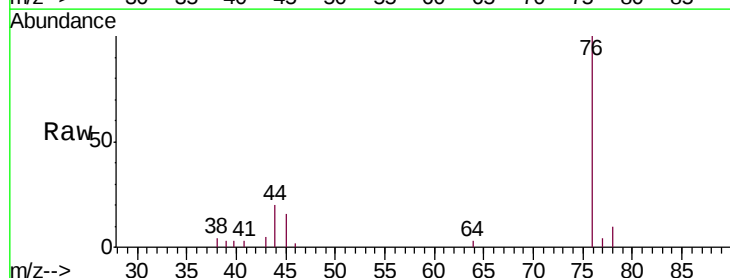
Acq: 21 May 2019 09:35

Tgt Ion: 76 Resp: 8219

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8



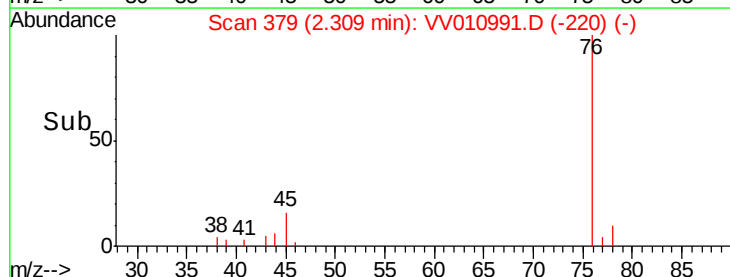
Abundance Ion 76.00 (75.70 to 76.70): VV010989.D (-362) (-)

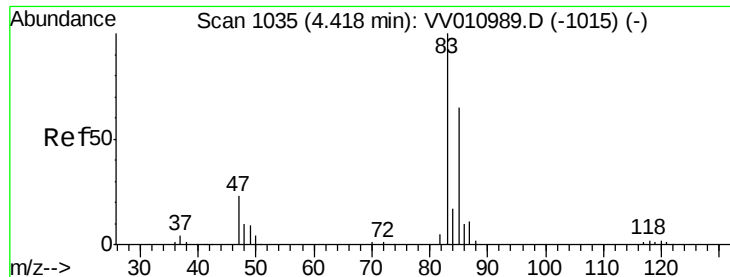
Ion 78.00 (77.70 to 78.70): VV010989.D (-362) (-)

2.31

2.30 2.35

Time-->

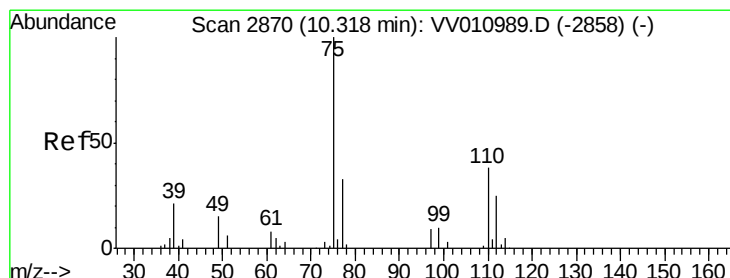
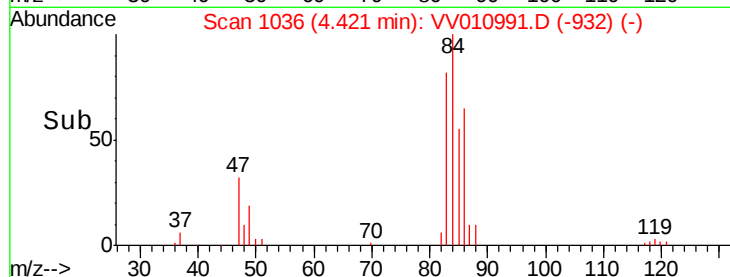
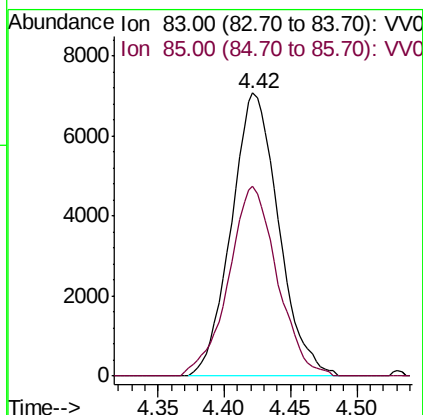
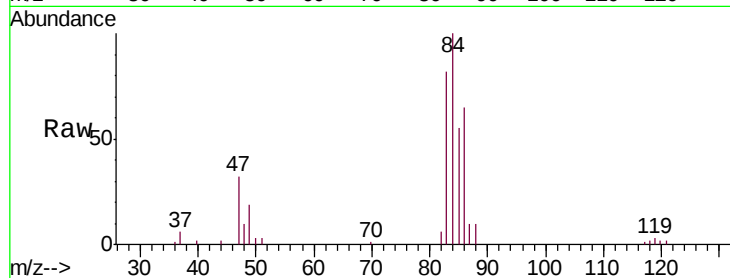




#25
Chloroform
Concen: 3.875 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 17599
Ion Ratio Lower Upper
83 100
85 68.9 45.6 84.8



#59
1,2,3-Trichloropropane
Concen: 3.554 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010991.D
Acq: 21 May 2019 09:35

Tgt Ion: 75 Resp: 6301
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.2

