

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040419\
 Data File : VV010115.D
 Acq On : 04 Apr 2019 17:50
 Operator : SY/MD
 Sample : K2215-17
 Misc : 5.66G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2P6

Quant Time: Apr 05 01:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:26:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	305711	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	307692	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	141878	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58403	14.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.08%
7) Chloroethane-d5	1.57	69	58727	11.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.20%
10) 1,1-Dichloroethene-d2	2.13	63	118172	11.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	45.80%
20) 2-Butanone-d5	3.93	46	48805	41.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.82%
24) Chloroform-d	4.40	84	140552	18.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	5.08	65	87655	20.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.36%
29) Benzene-d6	5.10	84	286956	17.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.92%
33) 1,2-Dichloropropane-d6	6.12	67	88545	18.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.20%
37) Toluene-d8	7.36	98	270672	17.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.44%
38) trans-1,3-Dichloropropene-	7.66	79	33297	16.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.16%
39) 2-Hexanone-d5	8.13	63	36559	38.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.42%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	89521	19.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	109381	19.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.16%

Target Compounds

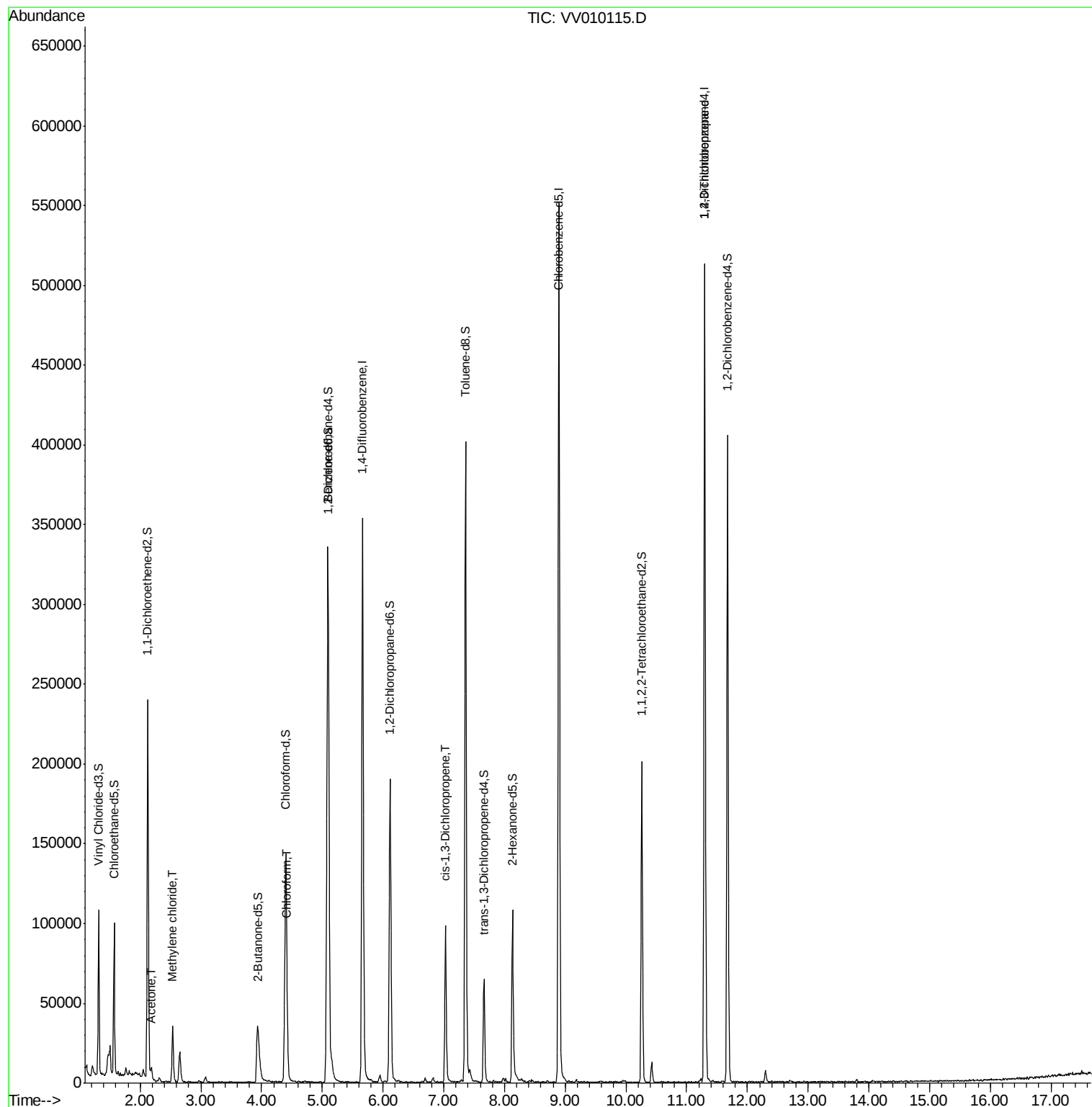
					Qvalue
13) Acetone	2.19	43	4405	3.826 ug/L	98
16) Methylene chloride	2.53	84	14849	2.765 ug/L	97
25) Chloroform	4.43	83	4021	0.578 ug/L #	62
42) cis-1,3-Dichloropropene	7.03	75	2305	0.419 ug/L #	75
59) 1,2,3-Trichloropropane	11.30	75	18242	5.876 ug/L	95

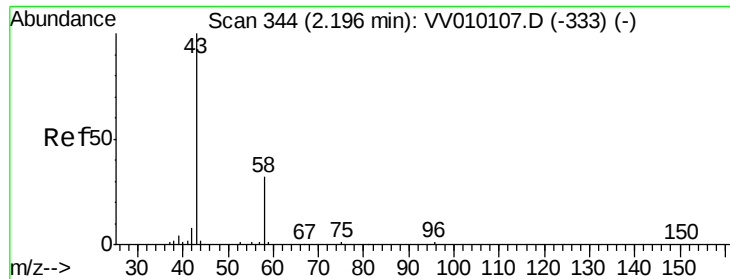
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.826 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

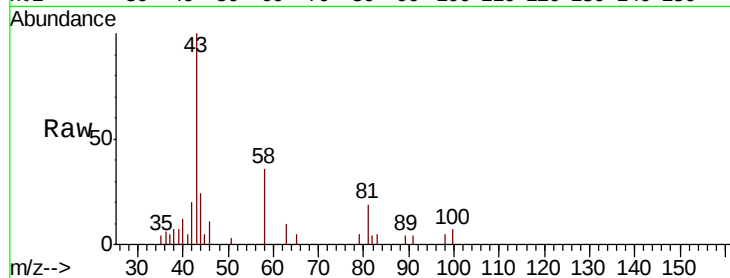
BF2P6

Tgt Ion: 43 Resp: 4405

Ion Ratio Lower Upper

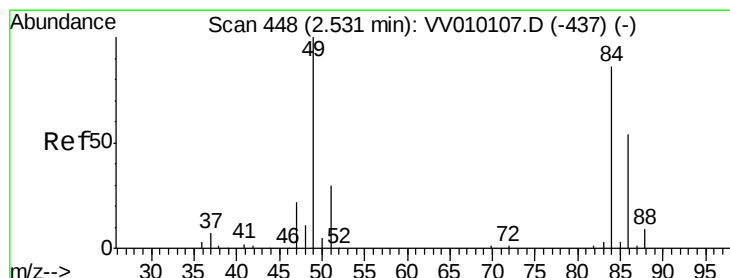
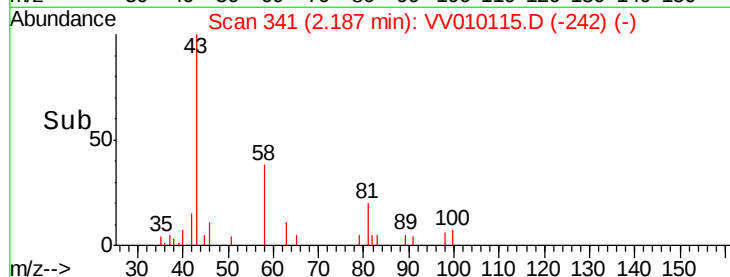
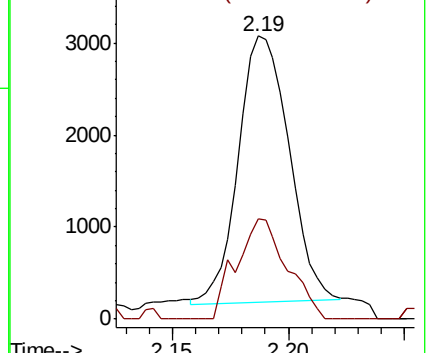
43 100

58 31.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010107.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010107.D (-333) (-)



#16

Methylene chloride

Concen: 2.765 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010115.D

Acq: 04 Apr 2019 17:50

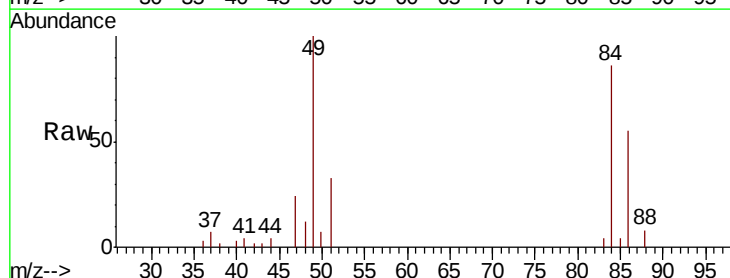
Tgt Ion: 84 Resp: 14849

Ion Ratio Lower Upper

84 100

49 115.7 84.3 156.5

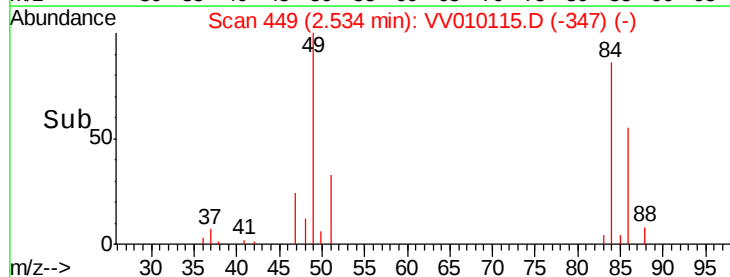
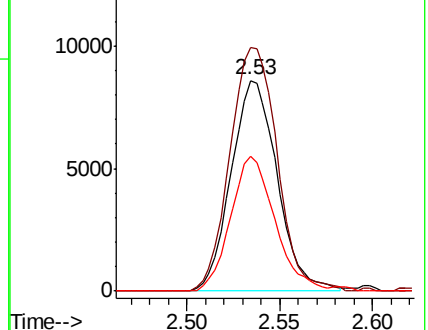
86 64.1 45.4 84.2

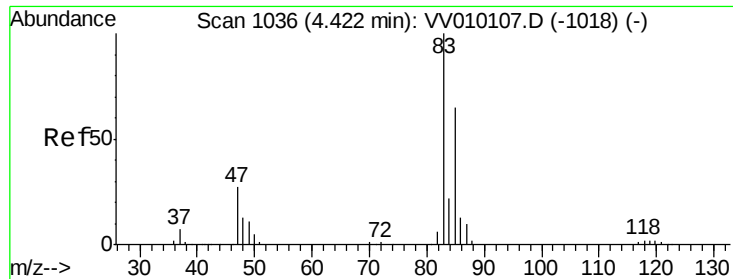


Abundance Ion 84.00 (83.70 to 84.70): VV010107.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010107.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010107.D (-437) (-)

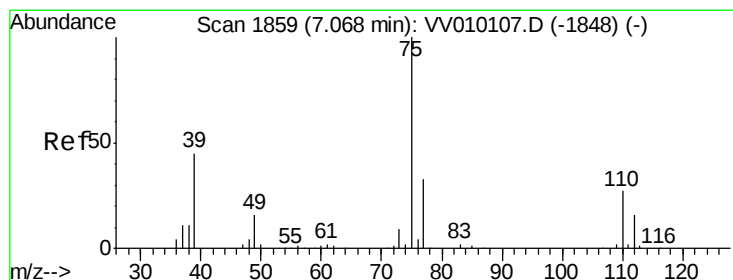
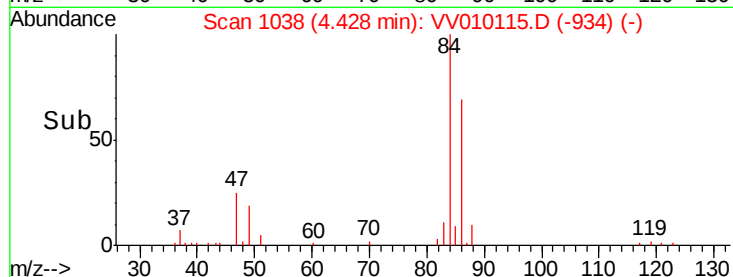
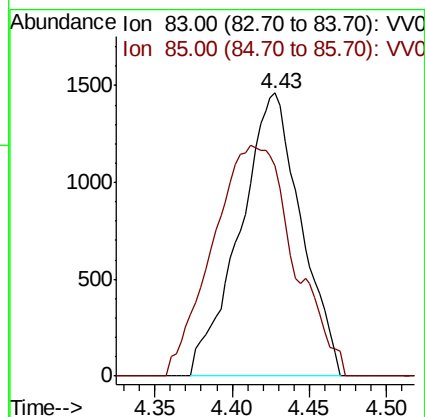
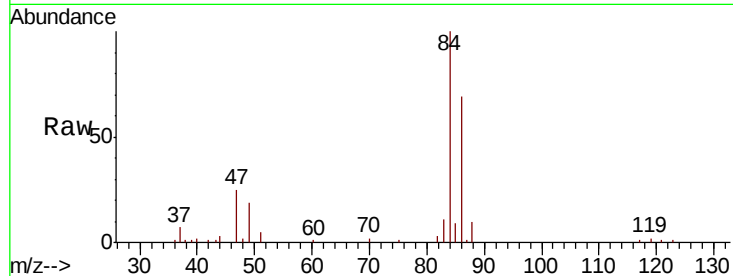




#25
Chloroform
Concen: 0.578 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010115.D
Acq: 04 Apr 2019 17:50

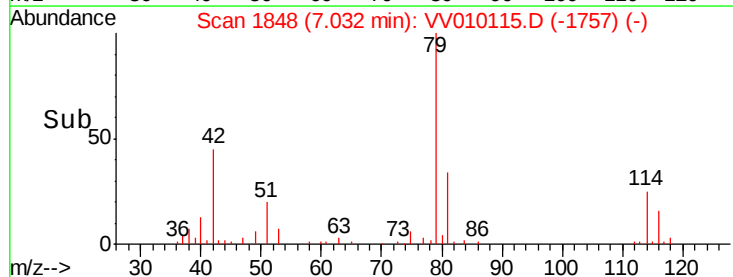
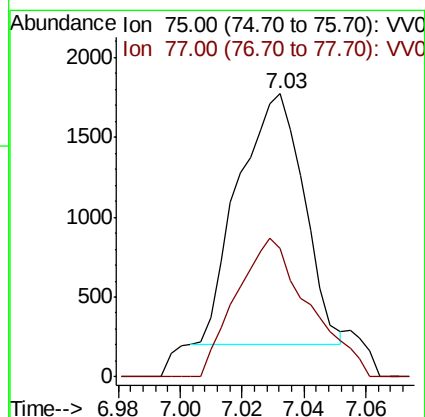
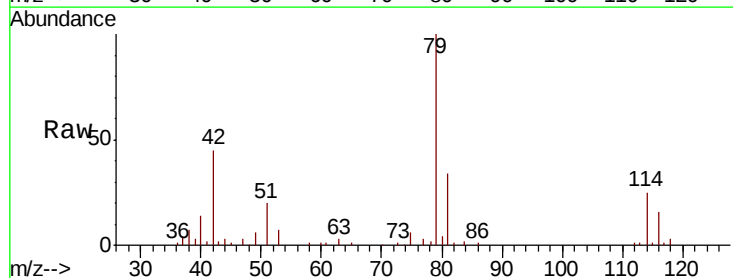
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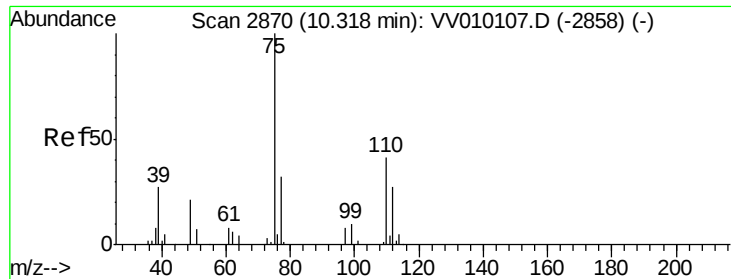
Tgt Ion: 83 Resp: 4021
Ion Ratio Lower Upper
83 100
85 96.8 46.4 86.2#



#42
cis-1,3-Dichloropropene
Concen: 0.419 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010115.D
Acq: 04 Apr 2019 17:50

Tgt Ion: 75 Resp: 2305
Ion Ratio Lower Upper
75 100
77 45.2 22.1 41.1#





#59
 1,2,3-Trichloropropane
 Concen: 5.876 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010115.D
 Acq: 04 Apr 2019 17:50

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2P6

Tgt Ion: 75 Resp: 18242
 Ion Ratio Lower Upper
 75 100
 77 35.1 25.8 38.8

