

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010264.D
 Acq On : 12 Apr 2019 01:54
 Operator : SY/MD
 Sample : K2354-06
 Misc : 5.95G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF161

Quant Time: Apr 12 04:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	240102	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	223637	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91996	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46733	16.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.64%
7) Chloroethane-d5	1.56	69	48824	20.55	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
10) 1,1-Dichloroethene-d2	2.12	63	99261	14.11	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.44%
20) 2-Butanone-d5	3.92	46	47231	67.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.06%#
24) Chloroform-d	4.39	84	120529	21.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.92%
26) 1,2-Dichloroethane-d4	5.07	65	81525	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.44%
29) Benzene-d6	5.09	84	251624	23.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.32%
33) 1,2-Dichloropropane-d6	6.11	67	78935	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.44%
37) Toluene-d8	7.36	98	227228	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.44%
38) trans-1,3-Dichloropropene-	7.66	79	29658	22.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.72%
39) 2-Hexanone-d5	8.13	63	31422	56.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77623	26.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	83172	24.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.92%

Target Compounds

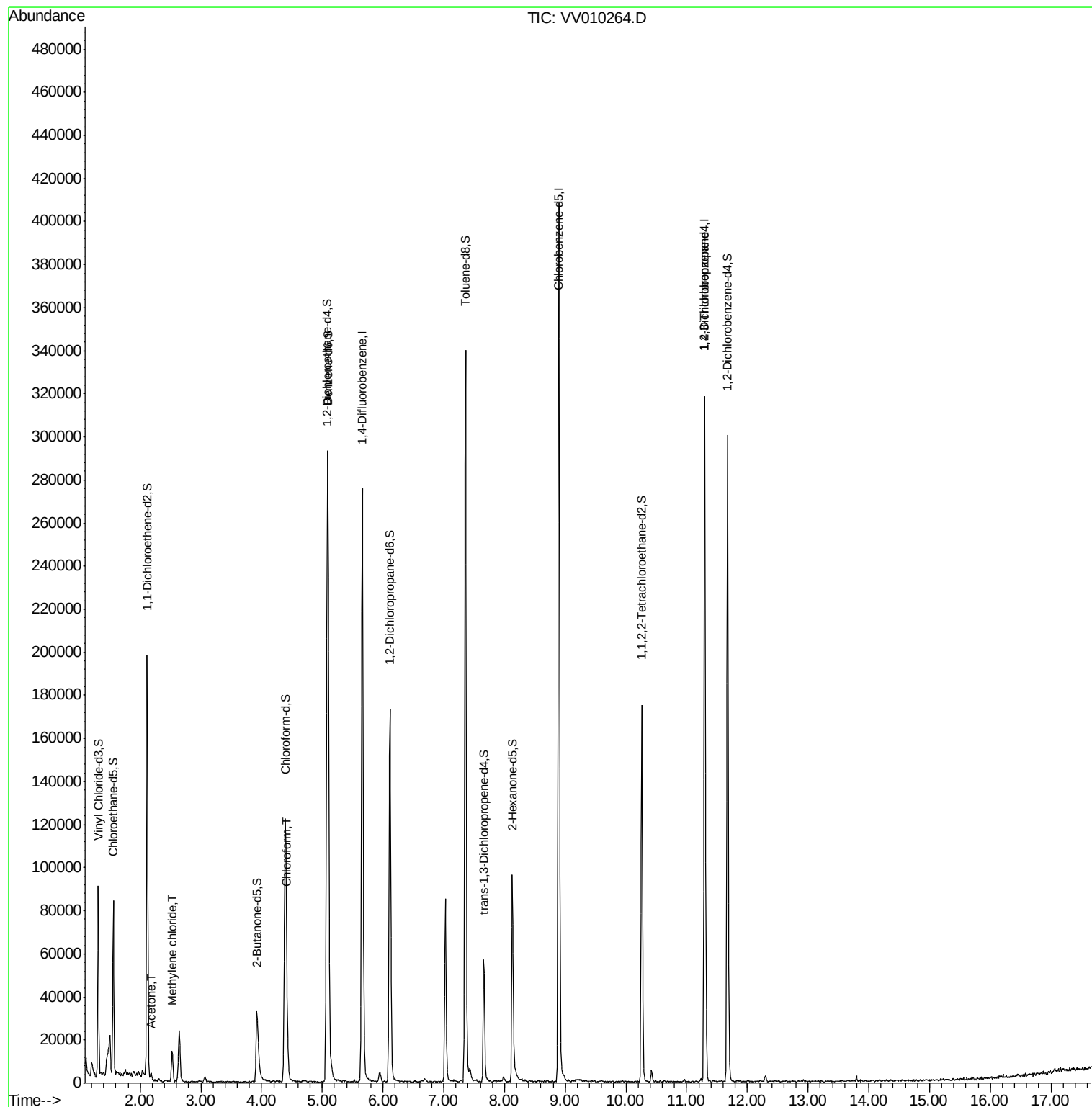
					Qvalue
13) Acetone	2.18	43	1408	1.884 ug/L	99
16) Methylene chloride	2.53	84	6593	1.402 ug/L	92
25) Chloroform	4.42	83	13976	2.376 ug/L #	68
59) 1,2,3-Trichloropropane	11.30	75	11477	5.362 ug/L	92

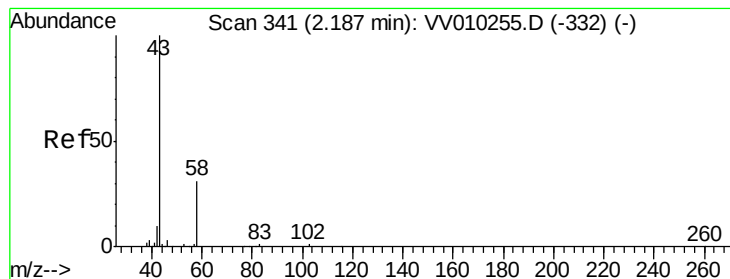
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.884 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

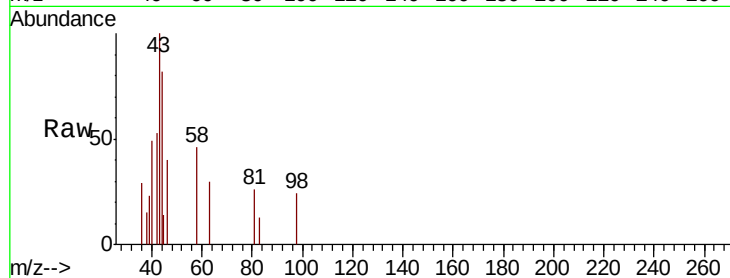
BF161

Tgt Ion: 43 Resp: 1408

Ion Ratio Lower Upper

43 100

58 30.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010255.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010255.D (-332) (-)

2.18

800

600

400

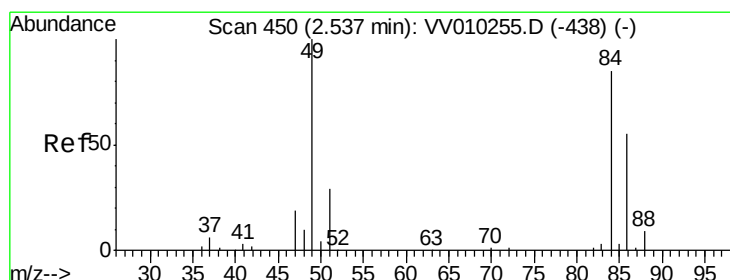
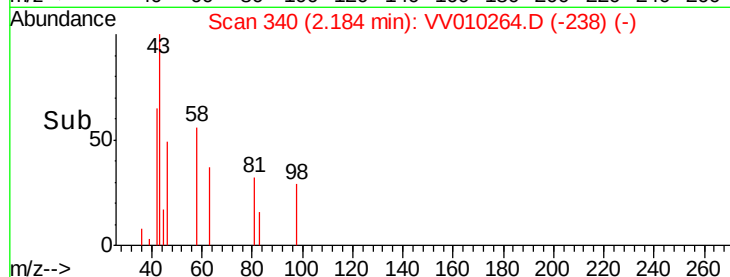
200

0

2.15

2.20

Time-->



#16

Methylene chloride

Concen: 1.402 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

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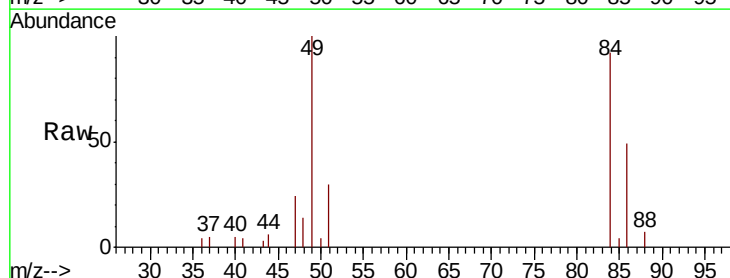
Tgt Ion: 84 Resp: 6593

Ion Ratio Lower Upper

84 100

49 108.2 79.9 148.5

86 53.5 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VV010255.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010255.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010255.D (-438) (-)

2.53

5000

4000

3000

2000

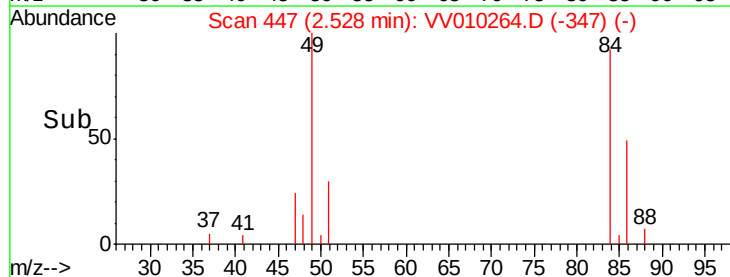
1000

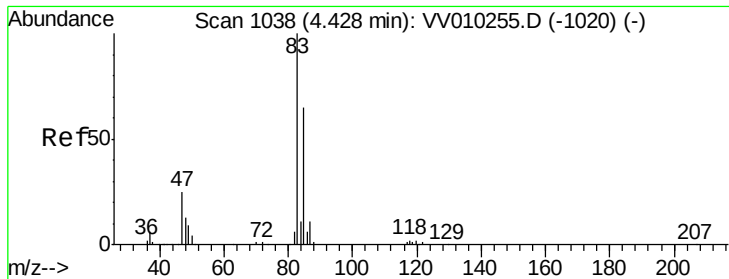
0

2.50

2.55

Time-->

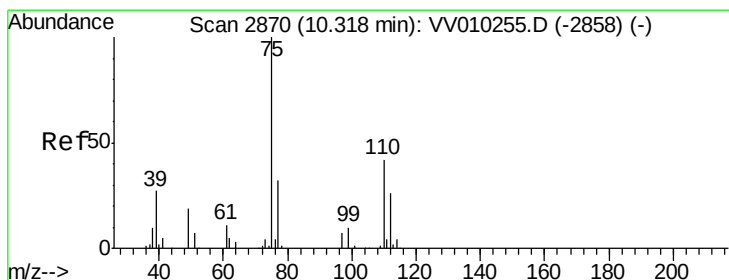
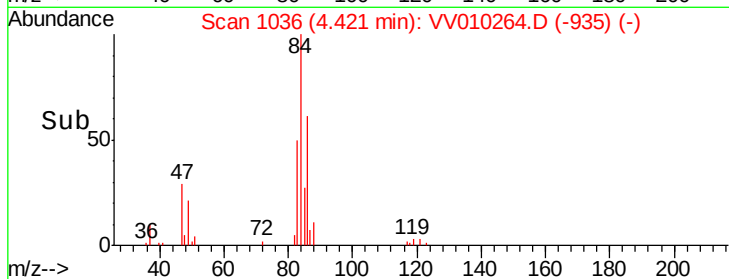
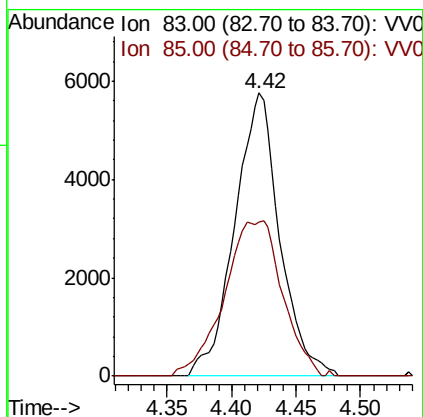
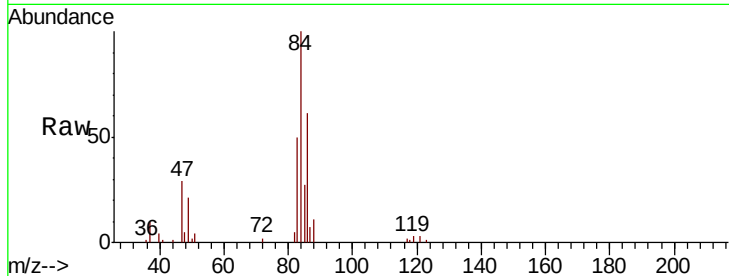




#25
Chloroform
Concen: 2.376 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
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Tgt Ion: 83 Resp: 13976
Ion Ratio Lower Upper
83 100
85 39.4 45.4 84.2#



#59
1,2,3-Trichloropropane
Concen: 5.362 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010264.D
Acq: 12 Apr 2019 01:54

Tgt Ion: 75 Resp: 11477
Ion Ratio Lower Upper
75 100
77 37.9 26.9 40.3

