

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010191.D
 Acq On : 08 Apr 2019 23:17
 Operator : SY/MD
 Sample : K2254-02
 Misc : 5.36G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC23

Quant Time: Apr 09 07:38:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	240487	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95873	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	54299	16.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.48%
7) Chloroethane-d5	1.57	69	78951	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
10) 1,1-Dichloroethene-d2	2.12	63	114878	14.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.60%
20) 2-Butanone-d5	3.94	46	43405	47.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.76%
24) Chloroform-d	4.40	84	133994	22.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.48%
26) 1,2-Dichloroethane-d4	5.08	65	85333	25.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.68%
29) Benzene-d6	5.09	84	268482	22.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.72%
33) 1,2-Dichloropropane-d6	6.12	67	85027	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.40%
37) Toluene-d8	7.36	98	235771	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.60%
38) trans-1,3-Dichloropropene-	7.67	79	30567	20.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.76%
39) 2-Hexanone-d5	8.14	63	32205	46.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77584	22.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.04%
61) 1,2-Dichlorobenzene-d4	11.68	152	89473	23.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.84%

Target Compounds

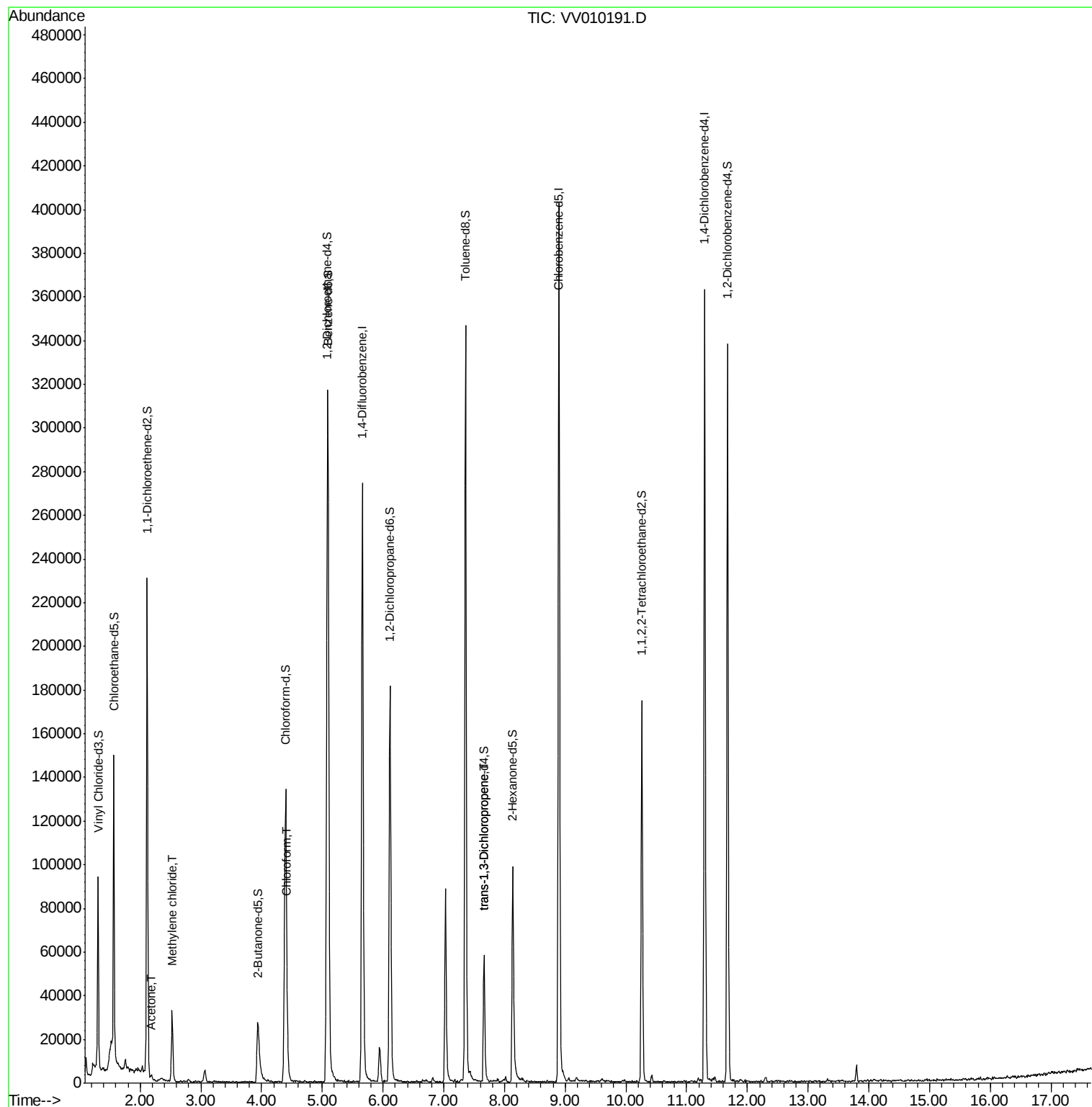
					Ovalue
13) Acetone	2.19	43	1329	1.467 ug/L	83
16) Methylene chloride	2.53	84	12653	2.995 ug/L	87
25) Chloroform	4.42	83	9056	1.656 ug/L	84
45) trans-1,3-Dichloropropene	7.67	75	1902	0.554 ug/L	93

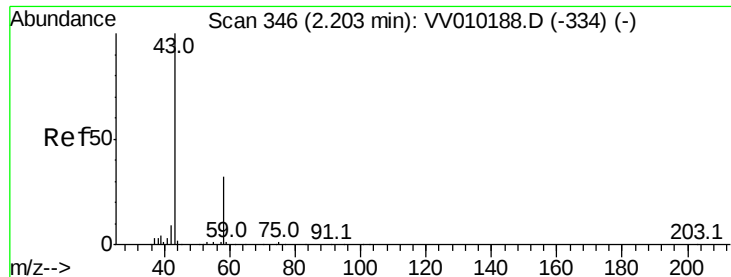
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.467 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010191.D

Acq: 08 Apr 2019 23:17

Instrument :

MSVOA_V

ClientSampled :

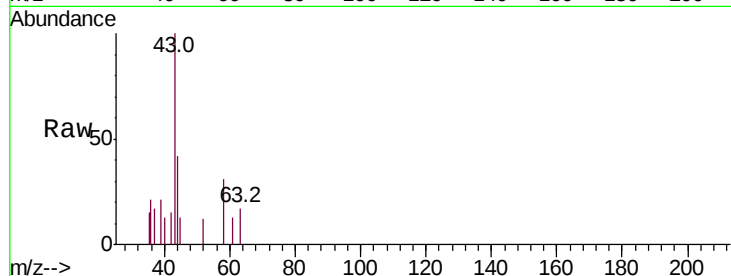
BFC23

Tot Ion: 43 Resp: 1329

Ion Ratio Lower Upper

43 100

58 22.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

1000

800

600

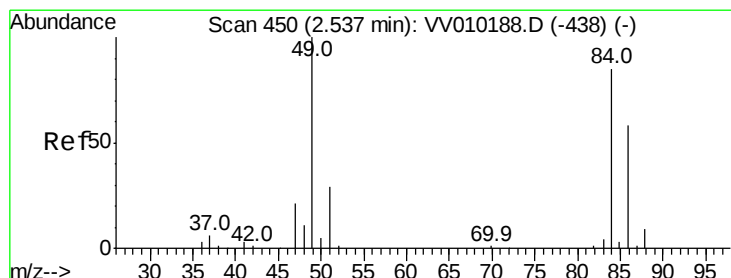
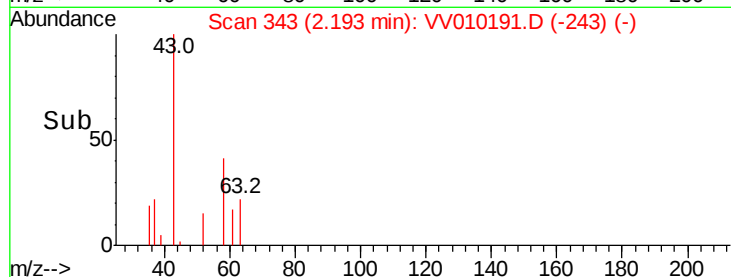
400

200

0

Time-->

2.15 2.20



#16

Methylene chloride

Concen: 2.995 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

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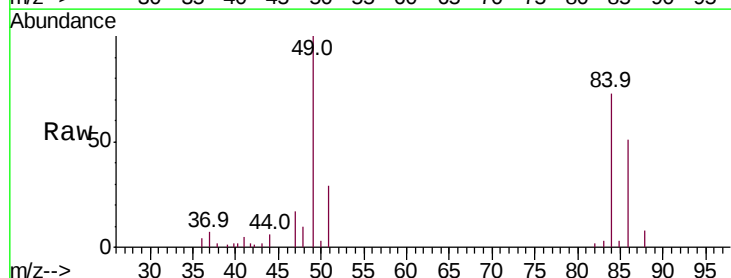
Tgt Ion: 84 Resp: 12653

Ion Ratio Lower Upper

84 100

49 137.7 84.3 156.5

86 70.6 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

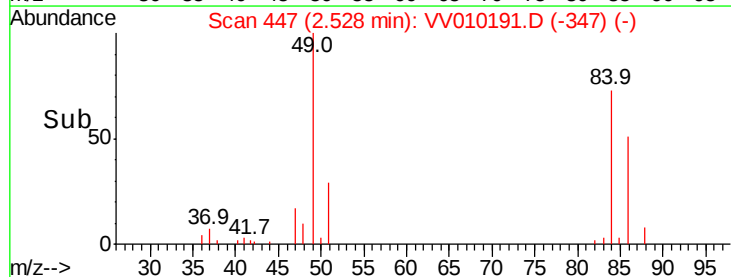
10000

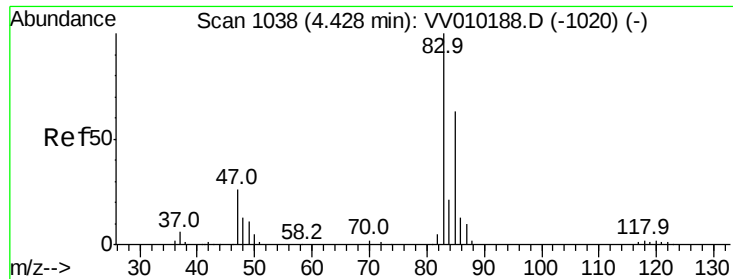
5000

0

Time-->

2.45 2.50 2.55 2.60

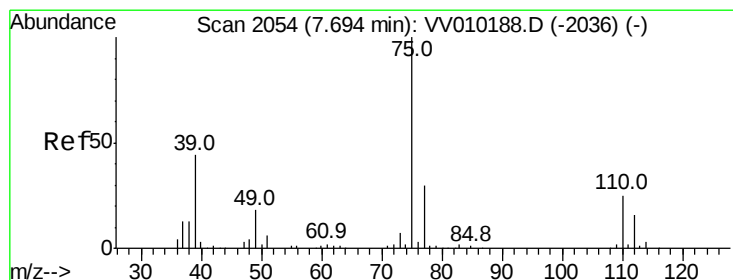
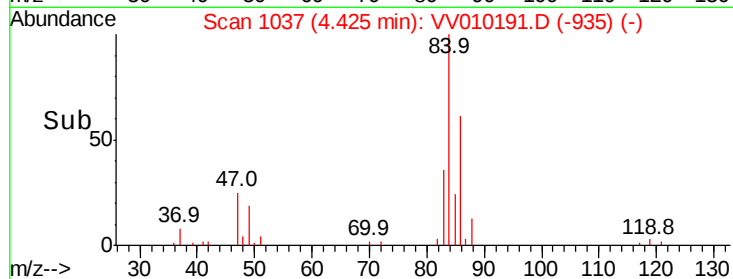
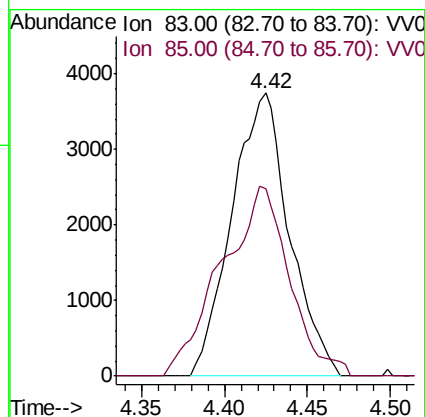
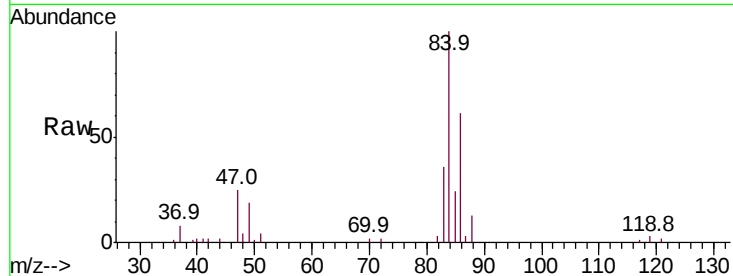




#25
Chloroform
Concen: 1.656 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
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Tot Ion: 83 Resp: 9056
Ion Ratio Lower Upper
83 100
85 78.9 46.4 86.2



#45
trans-1,3-Dichloropropene
Concen: 0.554 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV010191.D
Acq: 08 Apr 2019 23:17

Tgt Ion: 75 Resp: 1902
Ion Ratio Lower Upper
75 100
77 37.5 23.5 43.7

