

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010203.D
 Acq On : 09 Apr 2019 04:34
 Operator : SY/MD
 Sample : K2254-20
 Misc : 6.26G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC41

Quant Time: Apr 09 07:40:03 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	188026	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64501	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	36200	14.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.52%
7) Chloroethane-d5	1.56	69	48440	15.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.96%
10) 1,1-Dichloroethene-d2	2.12	63	59637	9.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.56%#
20) 2-Butanone-d5	3.93	46	35679	49.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.62%
24) Chloroform-d	4.40	84	96732	20.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.68%
26) 1,2-Dichloroethane-d4	5.07	65	66917	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.00%
29) Benzene-d6	5.09	84	200318	22.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.52%
33) 1,2-Dichloropropane-d6	6.11	67	66425	25.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.84%
37) Toluene-d8	7.36	98	175658	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.28%
38) trans-1,3-Dichloropropene-	7.66	79	21357	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.36%
39) 2-Hexanone-d5	8.13	63	24588	47.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59760	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.80%
61) 1,2-Dichlorobenzene-d4	11.67	152	60601	24.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.48%

Target Compounds

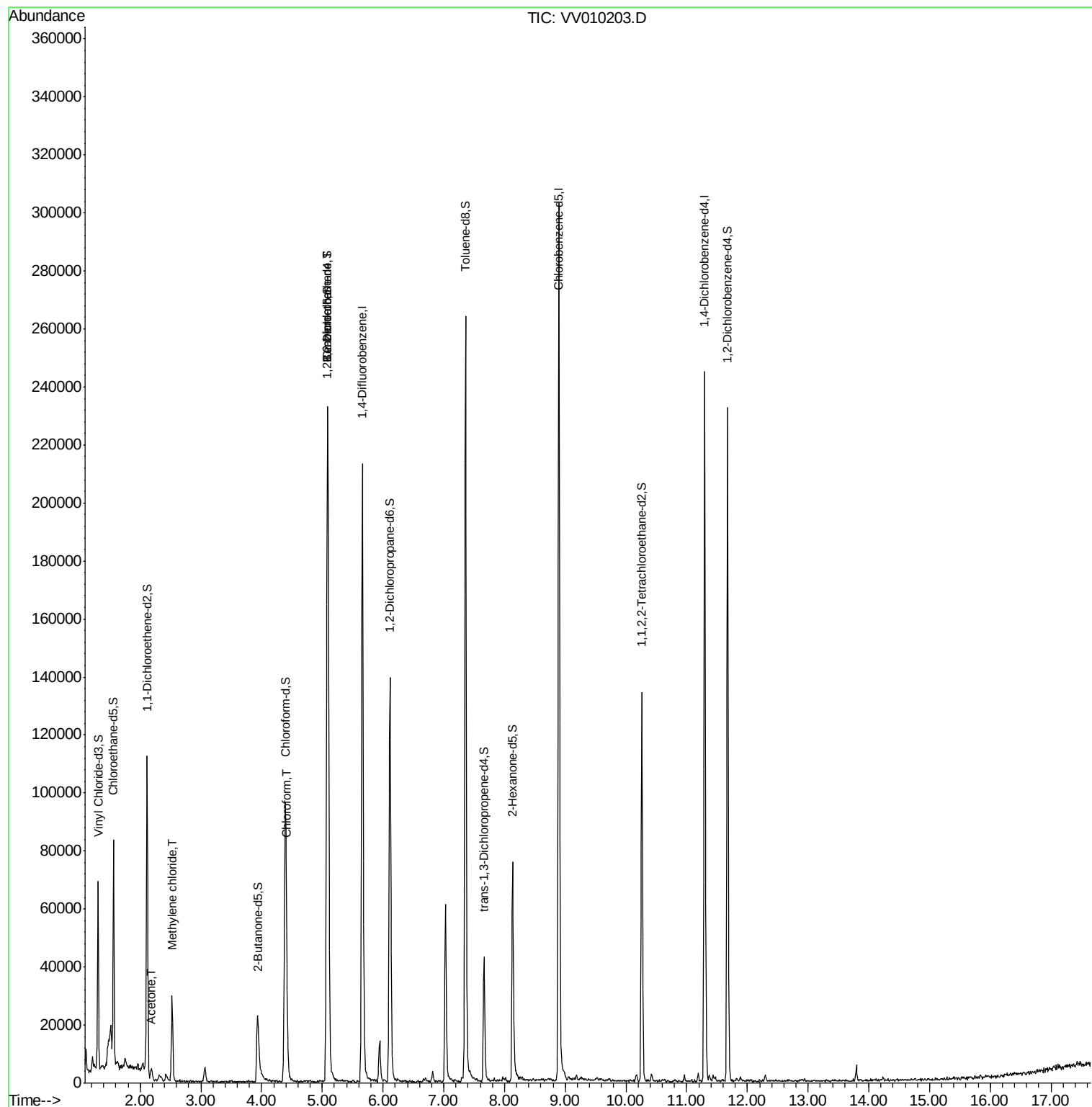
					Ovalue
13) Acetone	2.19	43	3800	5.366 ug/L	92
16) Methylene chloride	2.53	84	12241	3.705 ug/L	98
25) Chloroform	4.42	83	7141	1.670 ug/L	100
27) 1,2-Dichloroethane	5.09	62	982	0.337 ug/L #	75

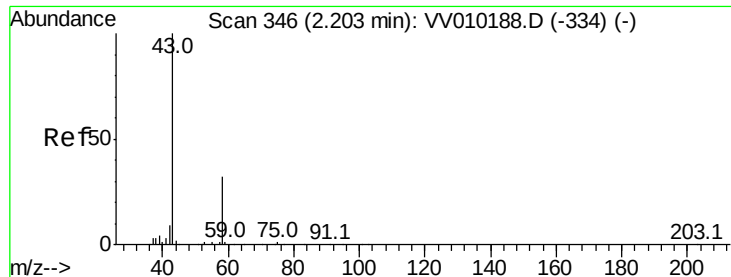
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.366 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010203.D

Acq: 09 Apr 2019 04:34

Instrument :

MSVOA_V

ClientSampleId :

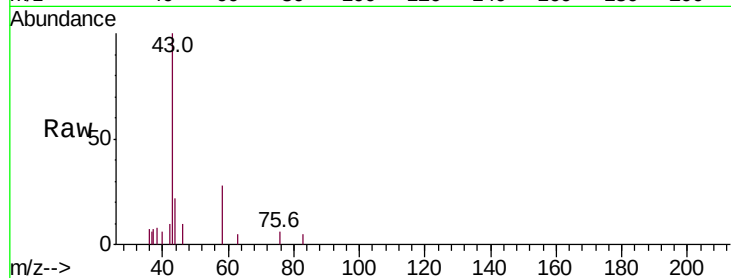
BFC41

Tot Ion: 43 Resp: 3800

Ion Ratio Lower Upper

43 100

58 28.0 0.0 64.6



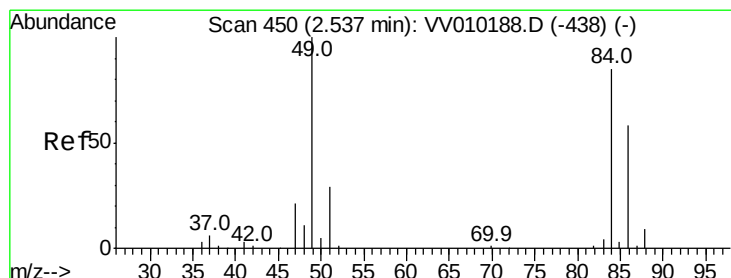
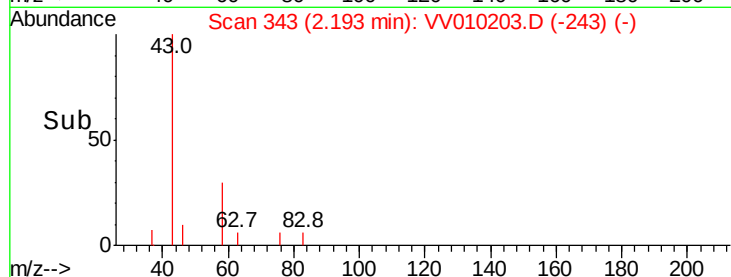
Abundance Ion 43.00 (42.70 to 43.70): VV010188.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV010188.D (-334) (-)

2.19

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 3.705 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010203.D

Acq: 09 Apr 2019 04:34

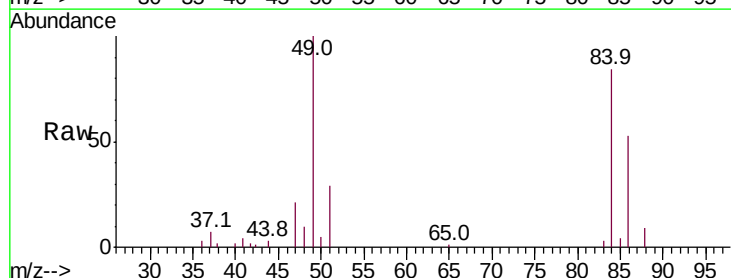
Tgt Ion: 84 Resp: 12241

Ion Ratio Lower Upper

84 100

49 118.5 84.3 156.5

86 63.2 45.4 84.2



Abundance Ion 84.00 (83.70 to 84.70): VV010188.D (-438) (-)

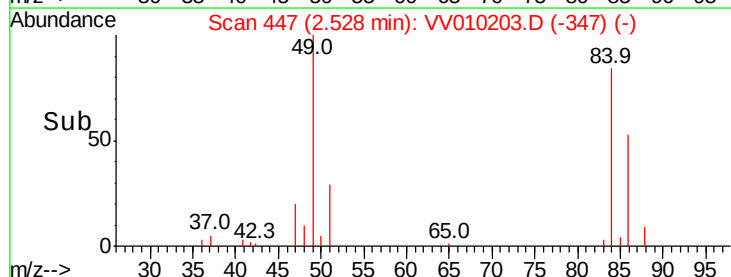
Ion 49.00 (48.70 to 49.70): VV010188.D (-438) (-)

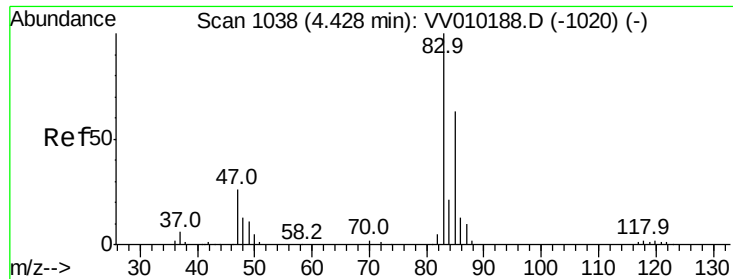
Ion 86.00 (85.70 to 86.70): VV010188.D (-438) (-)

2.53

2.45 2.50 2.55 2.60

Time-->

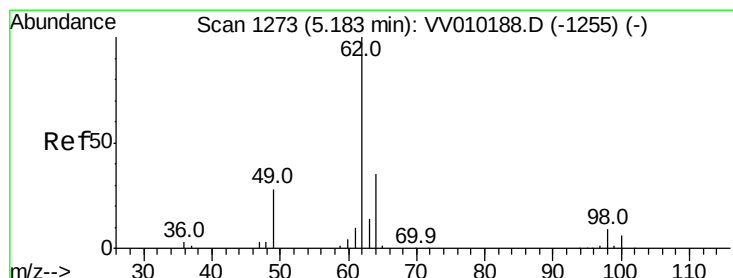
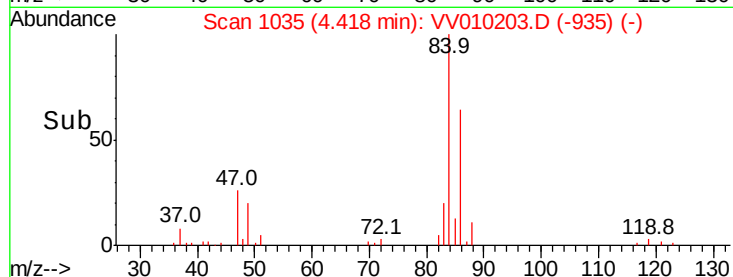
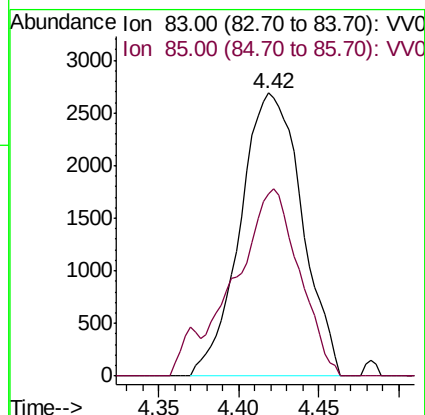
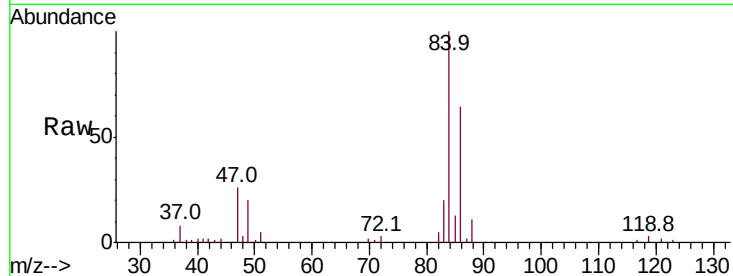




#25
Chloroform
Concen: 1.670 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
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Tot Ion: 83 Resp: 7141
Ion Ratio Lower Upper
83 100
85 66.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.337 ug/L
RT: 5.09 min Scan# 1243
Delta R.T. -0.10 min
Lab File: VV010203.D
Acq: 09 Apr 2019 04:34

Tgt Ion: 62 Resp: 982
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

