

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010192.D
 Acq On : 08 Apr 2019 23:43
 Operator : SY/MD
 Sample : K2254-04
 Misc : 5.76G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC25

Quant Time: Apr 09 07:38:45 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	181271	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158773	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57809	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	39222	16.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.64%
7) Chloroethane-d5	1.57	69	68661	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
10) 1,1-Dichloroethene-d2	2.12	63	84481	13.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.20%
20) 2-Butanone-d5	3.94	46	36914	53.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.92%
24) Chloroform-d	4.40	84	98037	21.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	5.08	65	66506	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
29) Benzene-d6	5.09	84	194324	23.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.40%
33) 1,2-Dichloropropane-d6	6.12	67	61876	25.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.84%
37) Toluene-d8	7.36	98	164605	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.00%
38) trans-1,3-Dichloropropene-	7.66	79	20805	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.12%
39) 2-Hexanone-d5	8.14	63	25341	52.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61939	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.40%
61) 1,2-Dichlorobenzene-d4	11.68	152	56149	24.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.72%

Target Compounds

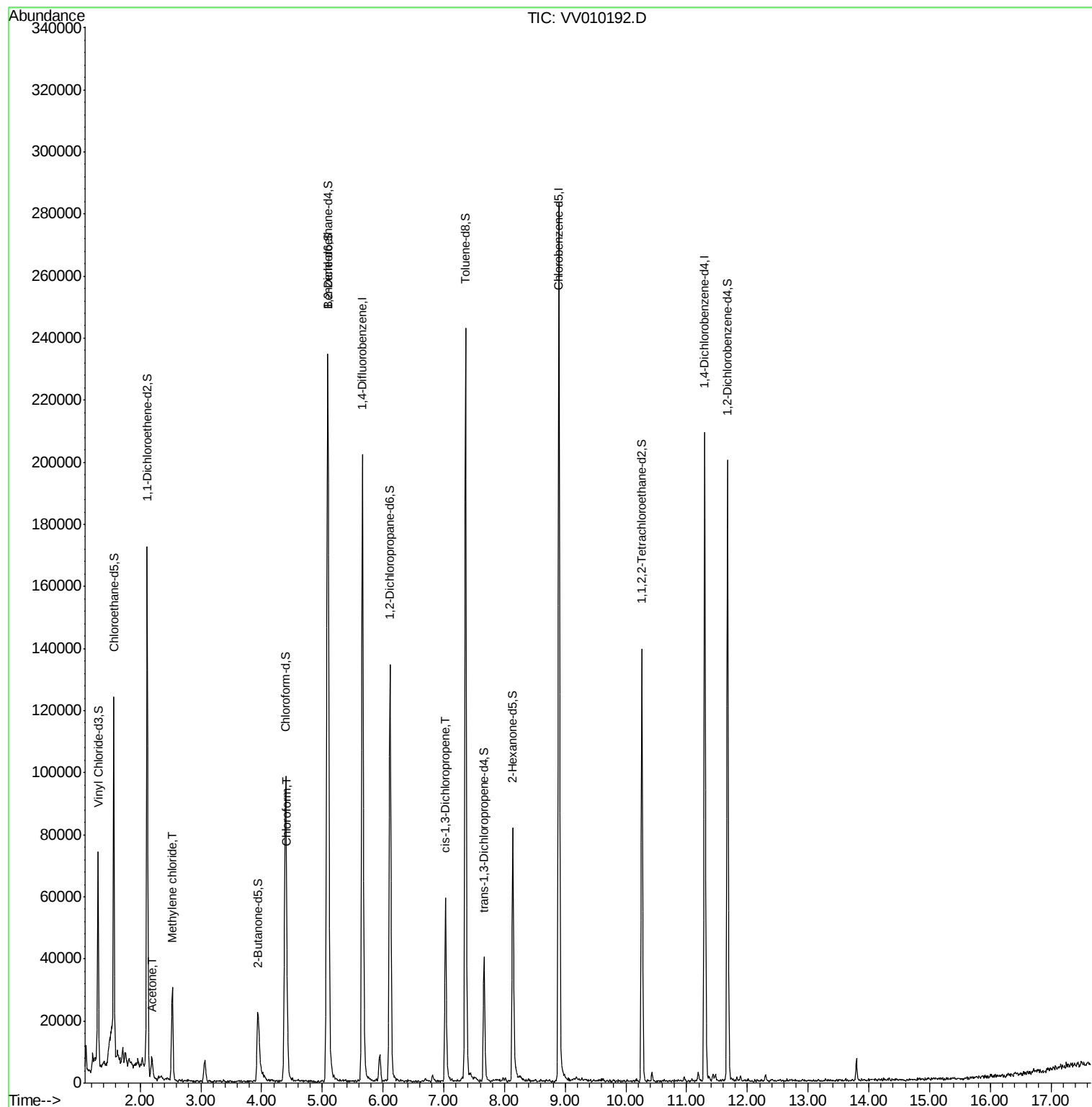
					Ovalue
13) Acetone	2.19	43	8187	11.991 ug/L	90
16) Methylene chloride	2.53	84	13418	4.213 ug/L	89
25) Chloroform	4.42	83	5751	1.395 ug/L #	26
42) cis-1,3-Dichloropropene	7.03	75	1834	0.646 ug/L #	82

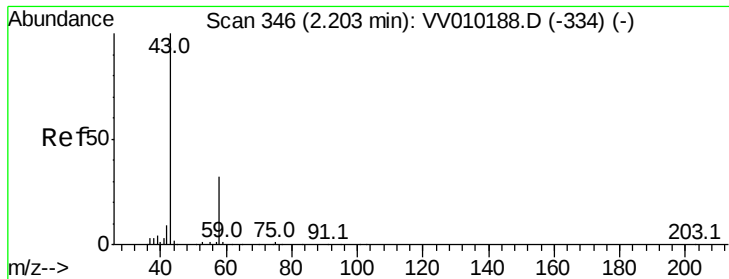
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.991 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV010192.D

Acq: 08 Apr 2019 23:43

Instrument :

MSVOA_V

ClientSampleId :

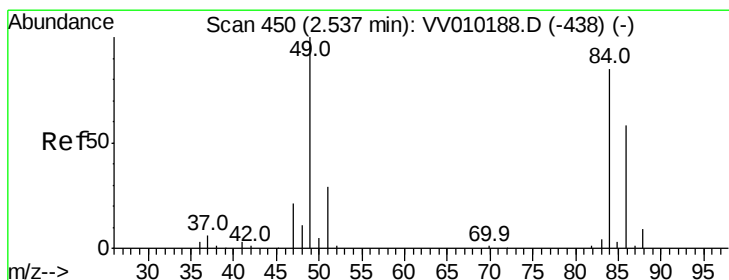
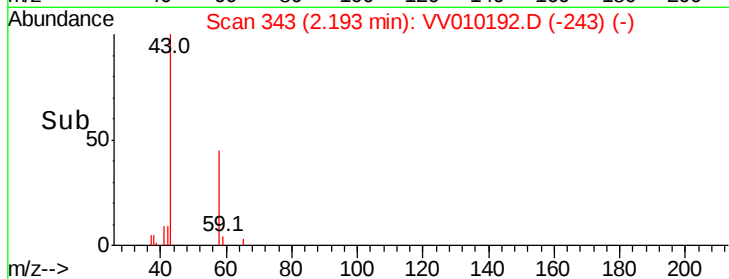
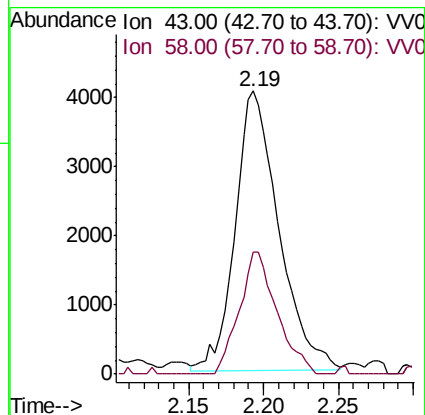
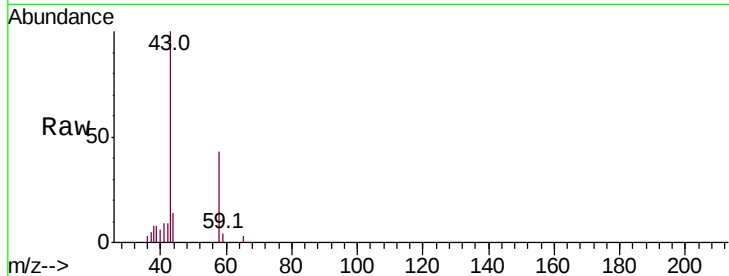
BFC25

Tot Ion: 43 Resp: 8187

Ion Ratio Lower Upper

43 100

58 37.7 0.0 64.6



#16

Methylene chloride

Concen: 4.213 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010192.D

Acq: 08 Apr 2019 23:43

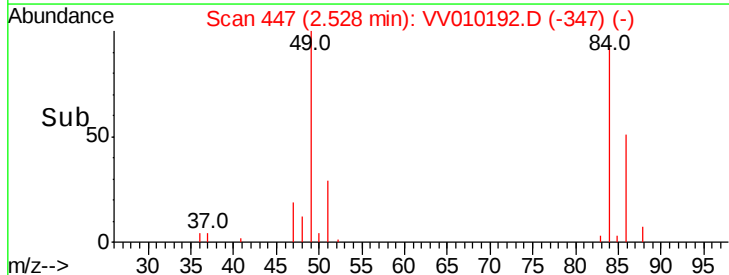
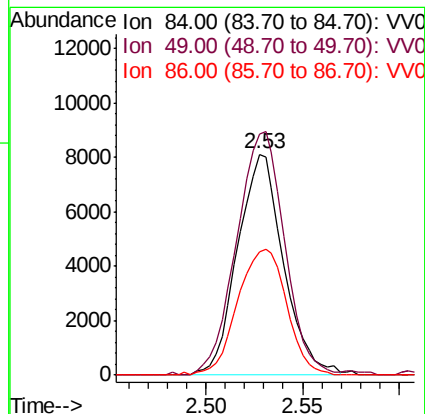
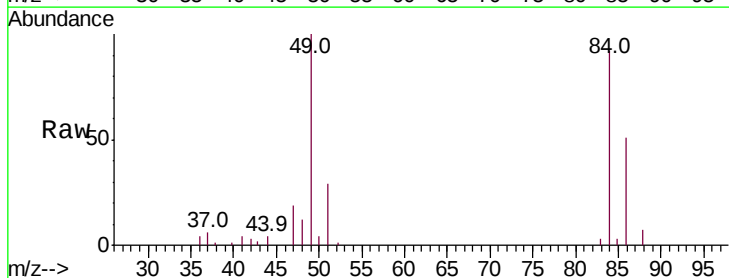
Tgt Ion: 84 Resp: 13418

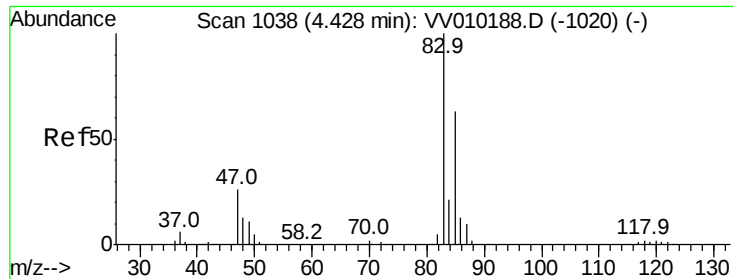
Ion Ratio Lower Upper

84 100

49 109.2 84.3 156.5

86 55.9 45.4 84.2

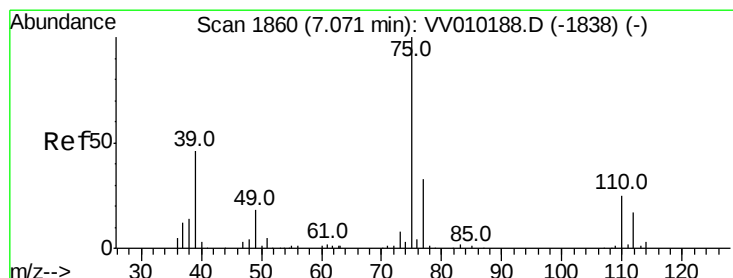
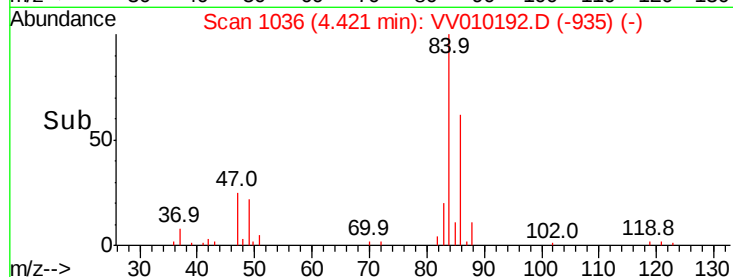
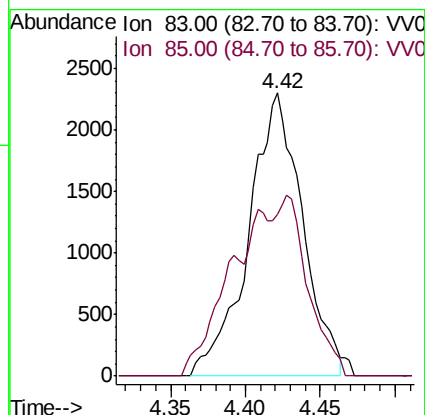
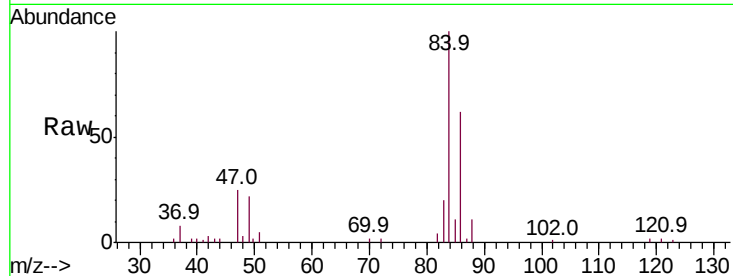




#25
Chloroform
Concen: 1.395 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
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Instrument :
MSVOA_V
ClientSampled :
BFC25

Tot Ion: 83 Resp: 5751
Ion Ratio Lower Upper
83 100
85 7.2 46.4 86.2#



#42
cis-1,3-Dichloropropene
Concen: 0.646 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010192.D
Acq: 08 Apr 2019 23:43

Tgt Ion: 75 Resp: 1834
Ion Ratio Lower Upper
75 100
77 41.3 22.1 41.1#

