

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100819\
 Data File : VV013059.D
 Acq On : 08 Oct 2019 14:45
 Operator : SY/MD
 Sample : K5262-03
 Misc : 5.28G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB70

Quant Time: Oct 09 08:40:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 08:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	521194	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	401912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	108619	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	163109	20.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.68%
7) Chloroethane-d5	1.58	69	161561	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
10) 1,1-Dichloroethene-d2	2.13	63	218347	16.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.96%
20) 2-Butanone-d5	3.94	46	105548	37.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.60%
24) Chloroform-d	4.40	84	328938	22.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.88%
26) 1,2-Dichloroethane-d4	5.08	65	192984	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	5.10	84	627255	27.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.80%
33) 1,2-Dichloropropane-d6	6.12	67	210383	29.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.64%
37) Toluene-d8	7.36	98	459873	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	7.66	79	61990	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.24%
39) 2-Hexanone-d5	8.13	63	66226	46.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.58%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	152280	22.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	93102	22.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.24%

Target Compounds

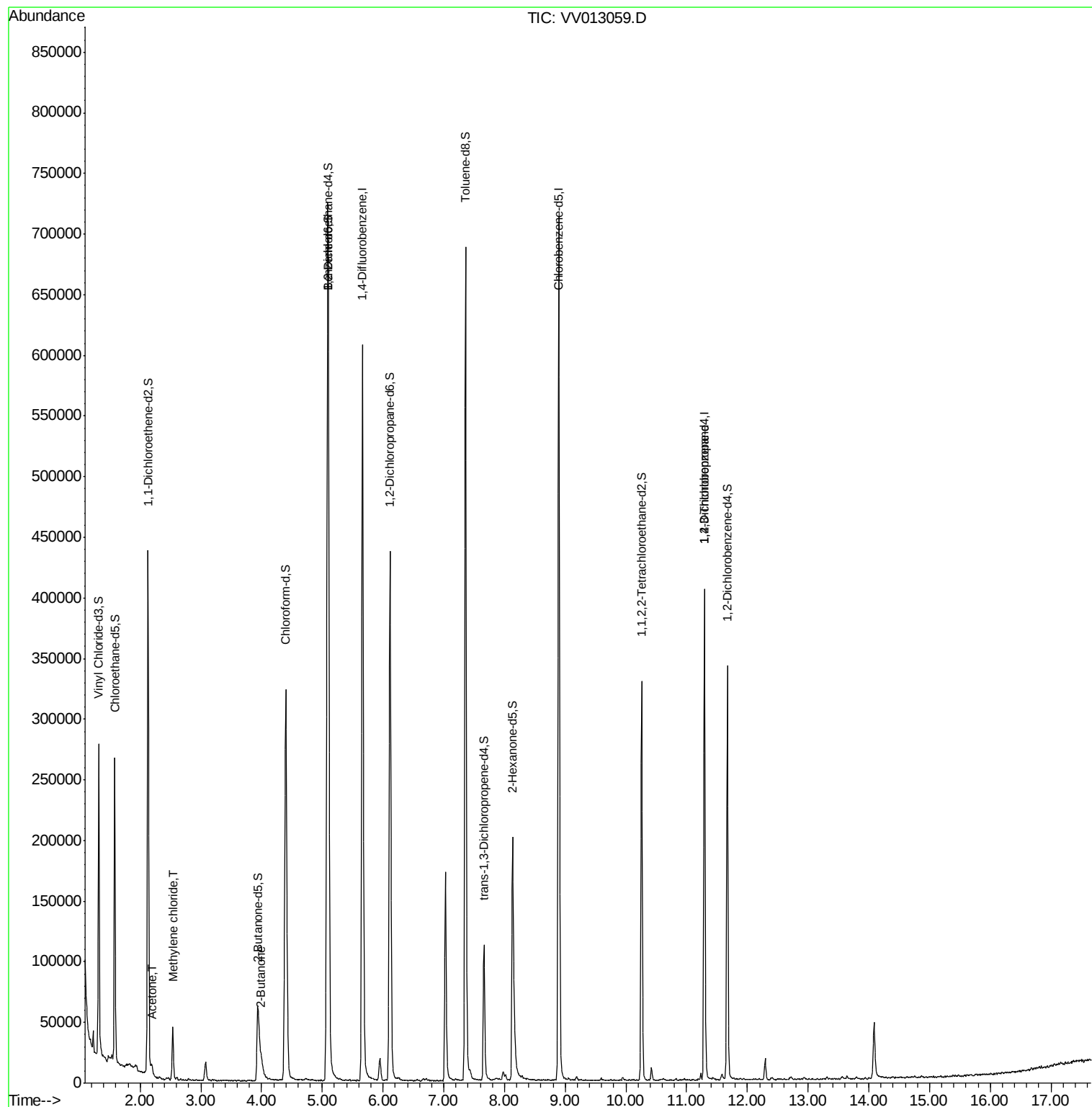
					Ovalue
13) Acetone	2.19	43	8676	2.923 ug/L	93
16) Methylene chloride	2.54	84	17293	2.220 ug/L	96
21) 2-Butanone	3.99	43	22053	6.385 ug/L #	53
59) 1,2,3-Trichloropropane	11.29	75	12623	2.503 ug/L	93

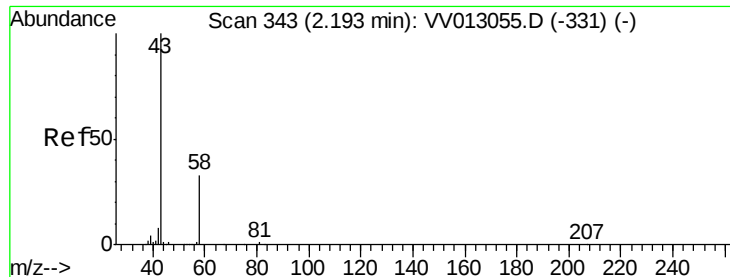
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 09 08:34:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.923 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV013059.D

Acq: 08 Oct 2019 14:45

Instrument :

MSVOA_V

ClientSampled :

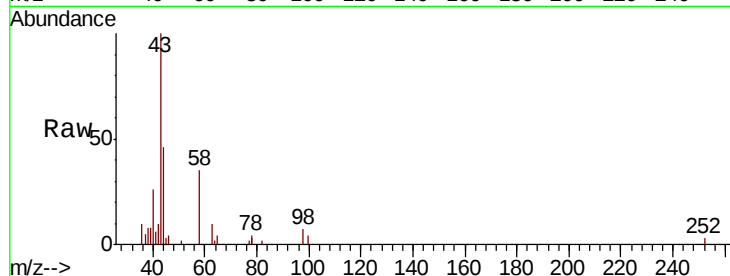
BFB70

Tot Ion: 43 Resp: 8676

Ion Ratio Lower Upper

43 100

58 36.5 0.0 65.0

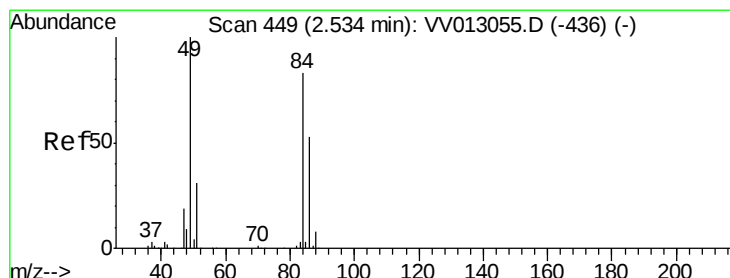
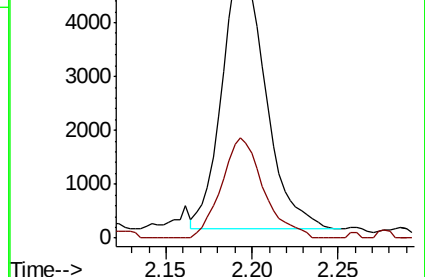
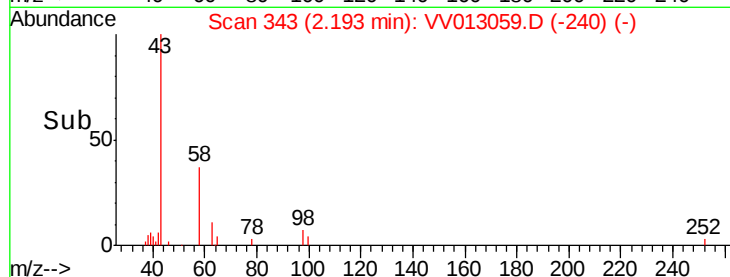


Abundance Ion 43.00 (42.70 to 43.70): VV013055.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV013055.D (-331) (-)

2.19

Time-->



#16

Methylene chloride

Concen: 2.220 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV013059.D

Acq: 08 Oct 2019 14:45

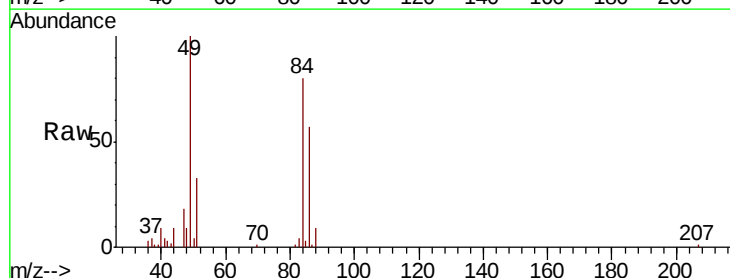
Tgt Ion: 84 Resp: 17293

Ion Ratio Lower Upper

84 100

49 124.8 88.3 164.1

86 70.9 44.9 83.3



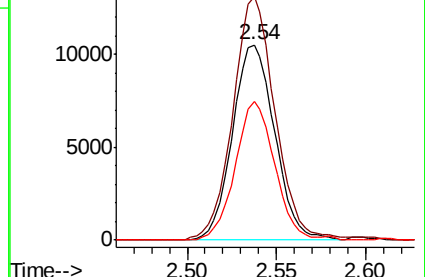
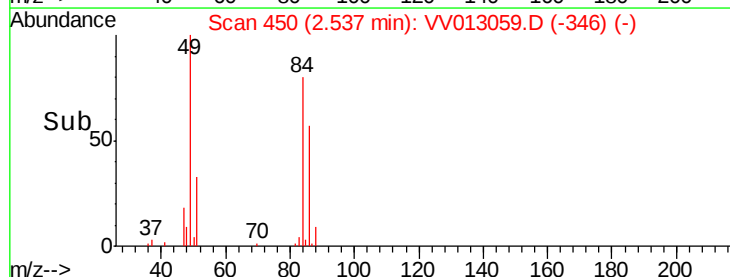
Abundance Ion 84.00 (83.70 to 84.70): VV013055.D (-436) (-)

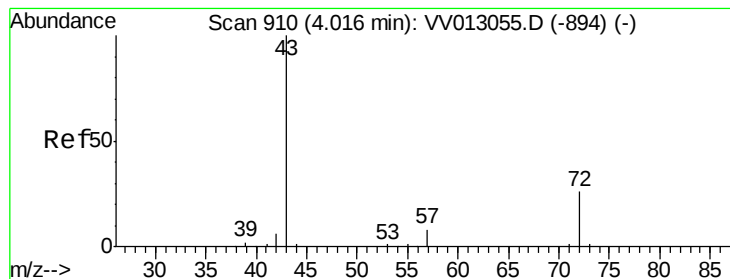
Ion 49.00 (48.70 to 49.70): VV013055.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV013055.D (-436) (-)

2.54

Time-->





#21

2-Butanone

Concen: 6.385 ug/L

RT: 3.99 min Scan# 903

Delta R.T. -0.02 min

Lab File: VV013059.D

Acq: 08 Oct 2019 14:45

Instrument :

MSVOA_V

ClientSampled :

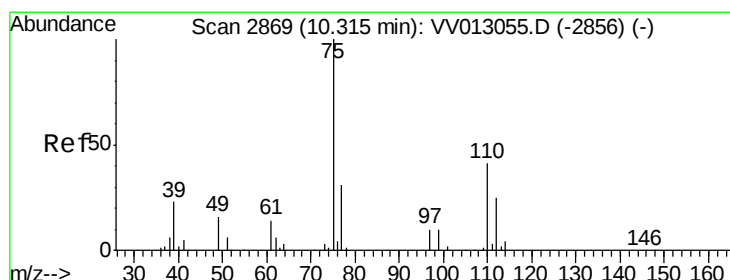
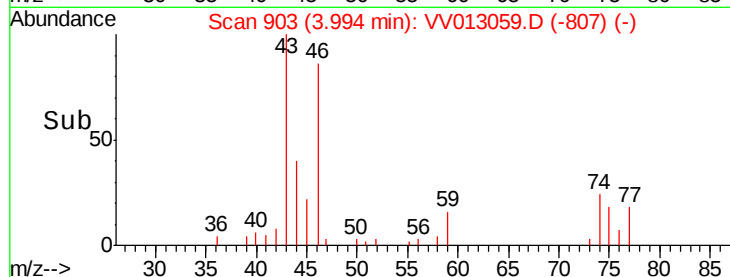
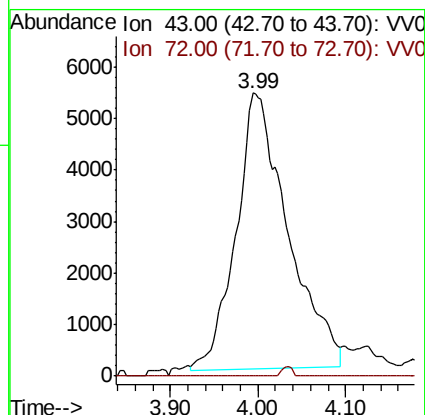
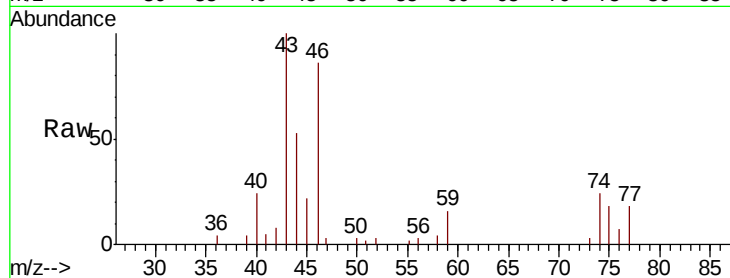
BFB70

Tot Ion: 43 Resp: 22053

Ion Ratio Lower Upper

43 100

72 0.7 11.9 35.9#



#59

1,2,3-Trichloropropane

Concen: 2.503 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV013059.D

Acq: 08 Oct 2019 14:45

Tgt Ion: 75 Resp: 12623

Ion Ratio Lower Upper

75 100

77 35.4 25.4 38.0

