

Data File : VV014083.D
Acq On : 17 Dec 2019 11:05
Operator : SY/MD
Sample : VV1217WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK62

Quant Time: Dec 18 06:54:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 06:35:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	709163	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	697132	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	296215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	258143	62.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.88%
7) Chloroethane-d5	1.58	69	240190	56.10	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	2.13	63	355825	39.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.46%
21) 2-Butanone-d5	3.92	46	296720	102.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.40	84	473481	54.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.94%
26) 1,2-Dichloroethane-d4	5.08	65	290243	53.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.36%
32) Benzene-d6	5.10	84	931924	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
36) 1,2-Dichloropropane-d6	6.11	67	297730	54.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.82%
41) Toluene-d8	7.36	98	803339	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%
43) trans-1,3-Dichloropropene-	7.66	79	121862	46.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.38%
47) 2-Hexanone-d5	8.13	63	200682	99.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	370843	47.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.46%
64) 1,2-Dichlorobenzene-d4	11.67	152	321761	55.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.62%

Target Compounds

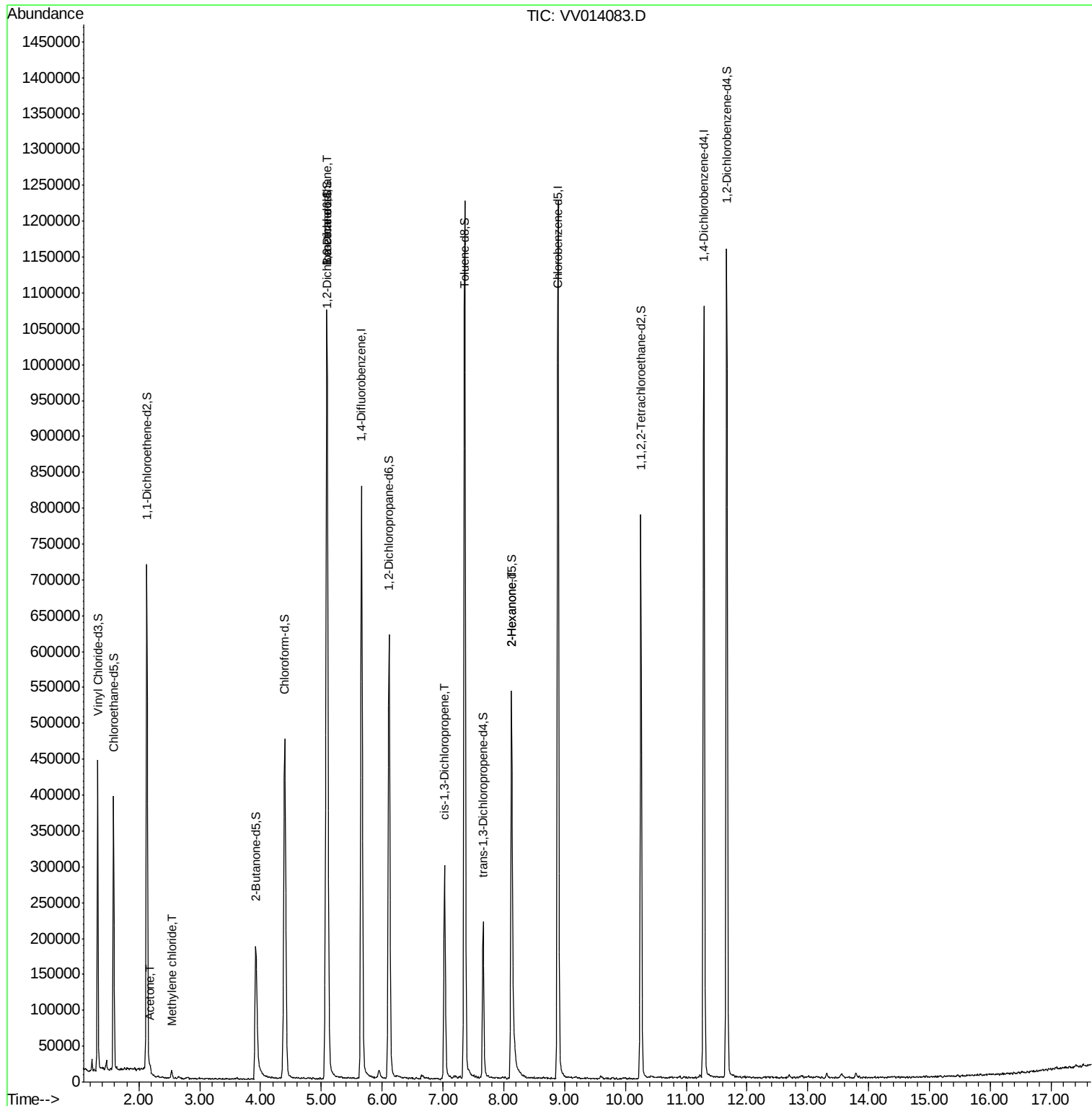
					Qvalue
13) Acetone	2.19	43	5948	1.406 ug/L	82
16) Methylene chloride	2.54	84	4230	0.788 ug/L	89
27) 1,2-Dichloroethane	5.10	62	5237	0.749 ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	6958	0.880 ug/L	88
48) 2-Hexanone	8.13	43	24239	4.638 ug/L #	69

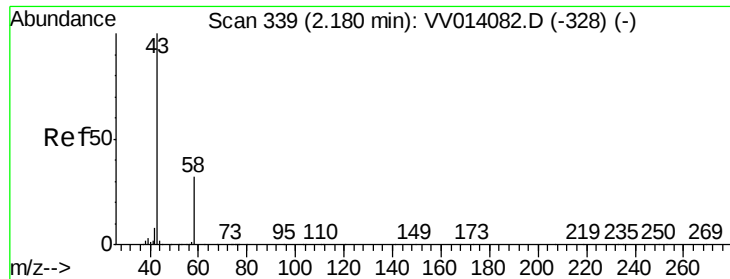
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.406 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.01 min

Lab File: VV014083.D

Acq: 17 Dec 2019 11:05

Instrument :

MSVOA_V

ClientSampleId :

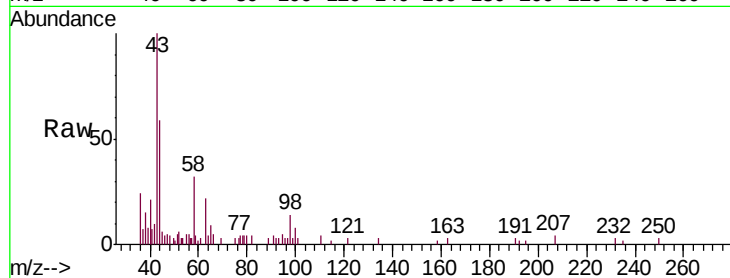
VBLK62

Tgt Ion: 43 Resp: 5948

Ion Ratio Lower Upper

43 100

58 40.1 0.0 60.8

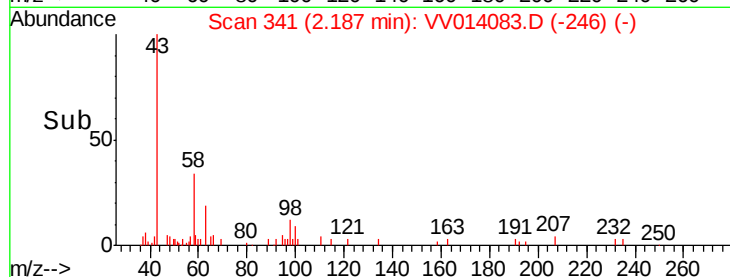


Abundance Ion 43.00 (42.70 to 43.70): VV014083.D (-341) (-)

Ion 58.00 (57.70 to 58.70): VV014083.D (-341) (-)

2.19

Time-->

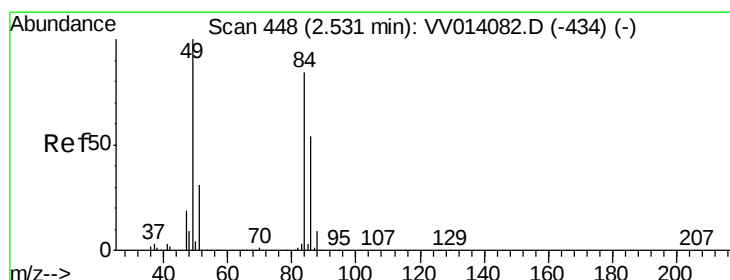


Abundance Ion 43.00 (42.70 to 43.70): VV014083.D (-341) (-)

Ion 58.00 (57.70 to 58.70): VV014083.D (-341) (-)

2.19

Time-->



#16

Methylene chloride

Concen: 0.788 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV014083.D

Acq: 17 Dec 2019 11:05

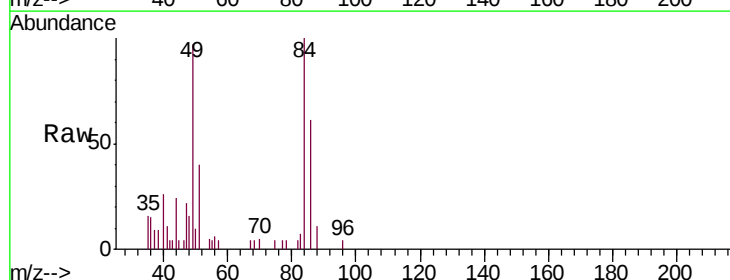
Tgt Ion: 84 Resp: 4230

Ion Ratio Lower Upper

84 100

86 61.4 43.9 81.5

49 96.9 79.7 147.9



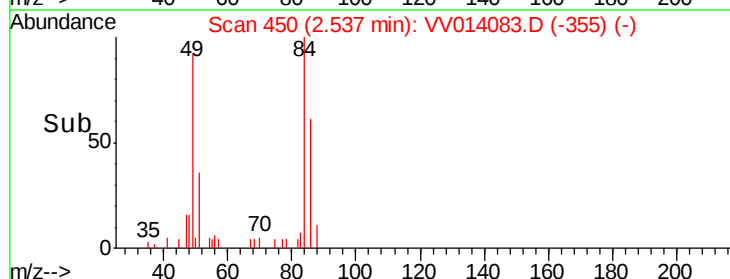
Abundance Ion 84.00 (83.70 to 84.70): VV014083.D (-450) (-)

Ion 86.00 (85.70 to 86.70): VV014083.D (-450) (-)

Ion 49.00 (48.70 to 49.70): VV014083.D (-450) (-)

2.54

Time-->



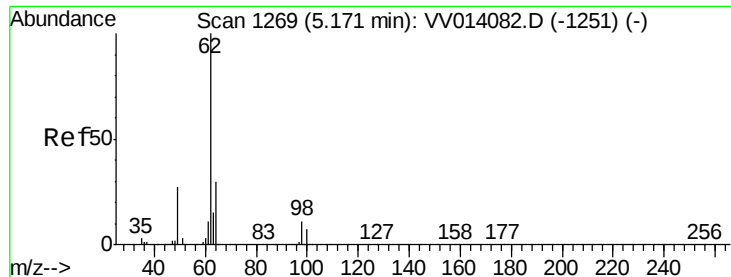
Abundance Ion 84.00 (83.70 to 84.70): VV014083.D (-450) (-)

Ion 86.00 (85.70 to 86.70): VV014083.D (-450) (-)

Ion 49.00 (48.70 to 49.70): VV014083.D (-450) (-)

2.54

Time-->



#27

1,2-Dichloroethane

Concen: 0.749 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.07 min

Lab File: VV014083.D

Acq: 17 Dec 2019 11:05

Instrument :

MSVOA_V

ClientSampled :

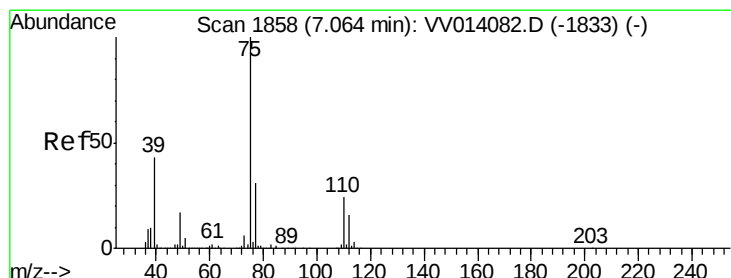
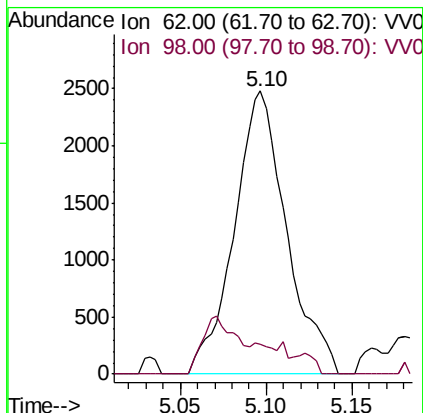
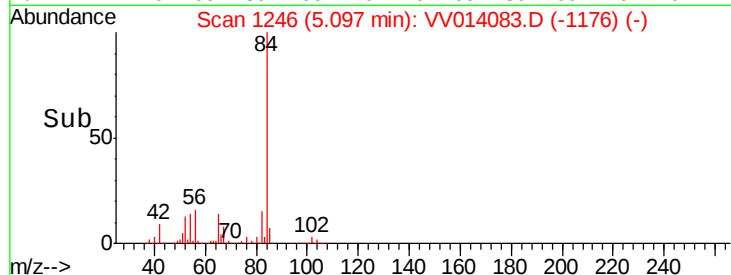
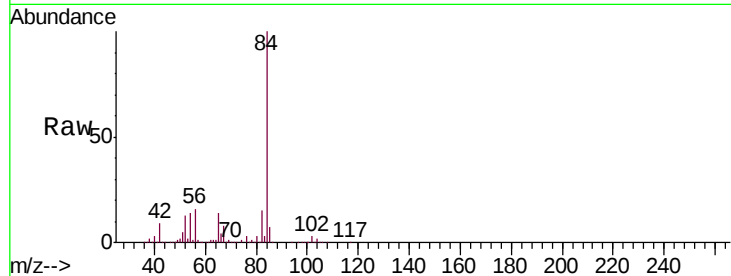
VBLK62

Tgt Ion: 62 Resp: 5237

Ion Ratio Lower Upper

62 100

98 10.7 8.5 12.7



#39

cis-1,3-Dichloropropene

Concen: 0.880 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV014083.D

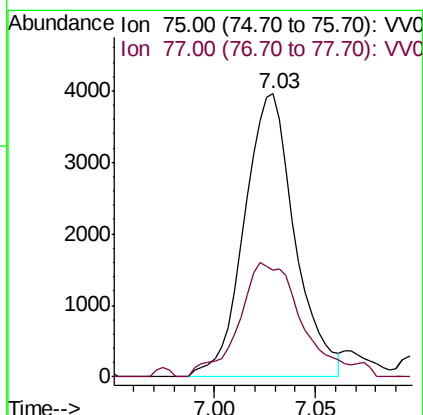
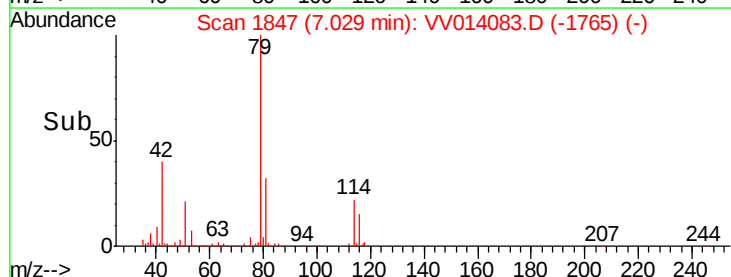
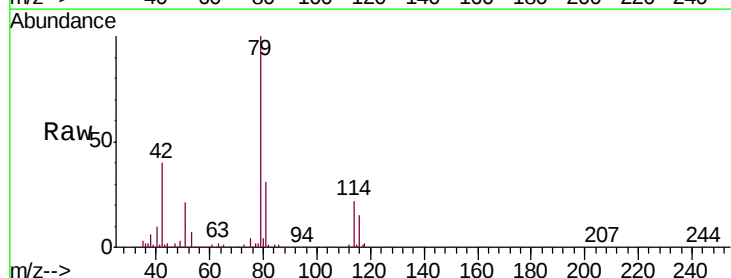
Acq: 17 Dec 2019 11:05

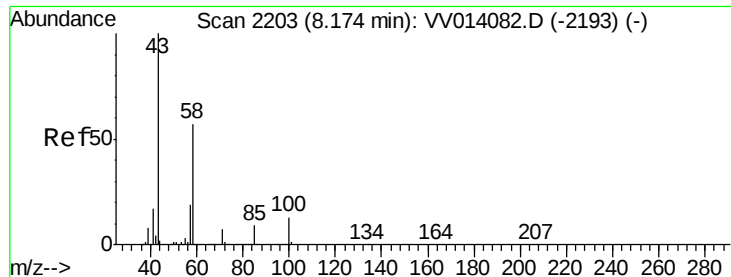
Tgt Ion: 75 Resp: 6958

Ion Ratio Lower Upper

75 100

77 37.6 21.6 40.2





#48

2-Hexanone

Concen: 4.638 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.05 min

Lab File: VV014083.D

Acq: 17 Dec 2019 11:05

Instrument :

MSVOA_V

ClientSampleId :

VBLK62

Tgt Ion: 43 Resp: 24239

Ion Ratio Lower Upper

43 100

58 36.1 48.4 72.6#

57 34.8 16.6 24.8#

100 3.6 11.9 17.9#

