

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018870.D
 Acq On : 13 Oct 2020 12:06
 Operator : SY/MD
 Sample : VV1013WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK79

Quant Time: Oct 14 01:35:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345792	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	346681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160976	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	137047	43.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.24%
7) Chloroethane-d5	1.58	69	111578	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.24%
11) 1,1-Dichloroethene-d2	2.12	63	205781	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	3.90	46	195225	101.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.19%
24) Chloroform-d	4.37	84	250167	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
26) 1,2-Dichloroethane-d4	5.05	65	173778	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
32) Benzene-d6	5.07	84	508506	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
36) 1,2-Dichloropropane-d6	6.09	67	166084	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.30%
41) Toluene-d8	7.33	98	452467	45.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.38%
43) trans-1,3-Dichloropropene-	7.64	79	77257	43.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.90%
47) 2-Hexanone-d5	8.11	63	105468	82.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.72%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	169883	40.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	180114	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

Target Compounds

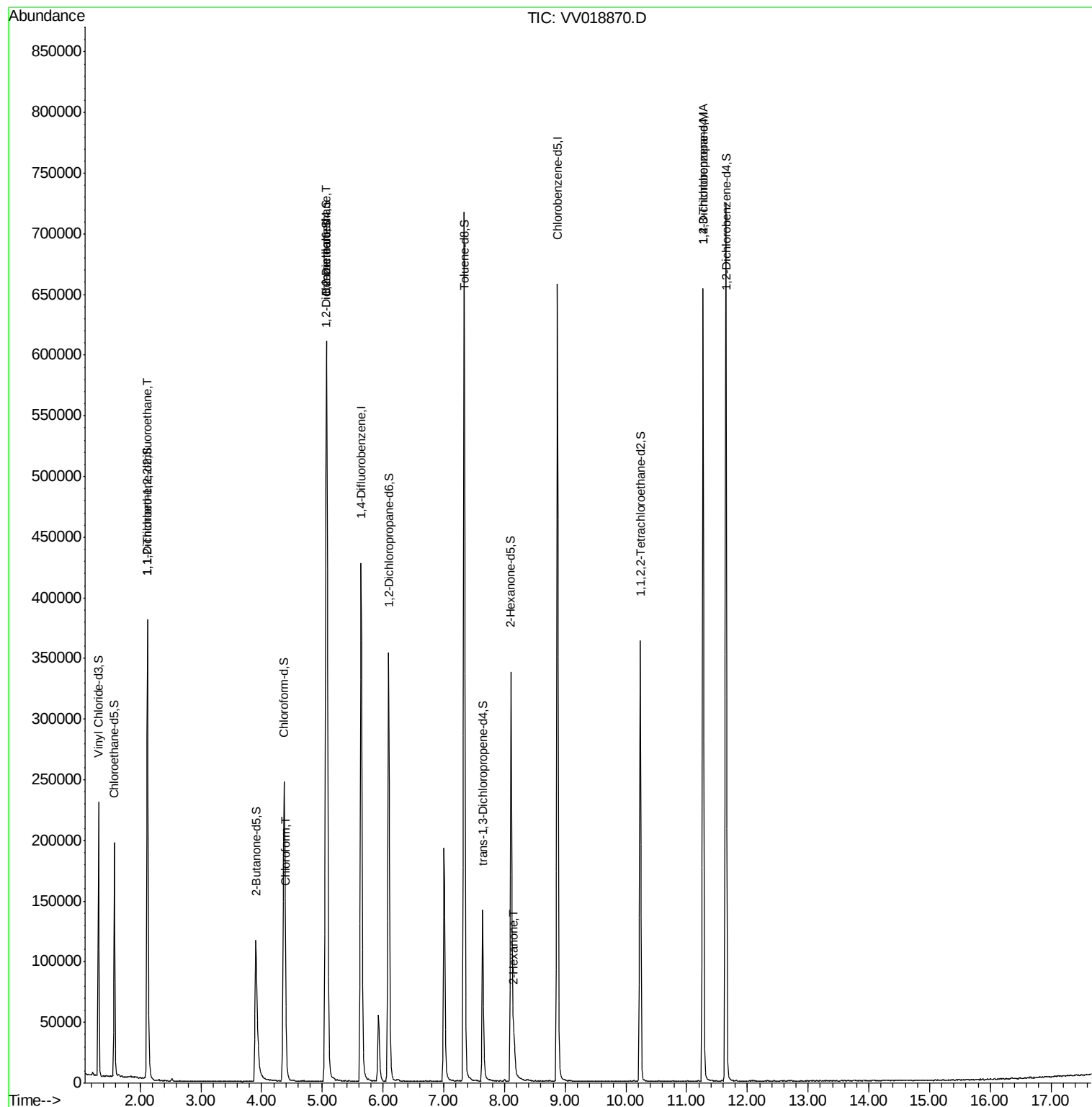
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1830	0.736 ug/L #	19
25) Chloroform	4.40	83	4698	0.923 ug/L	78
27) 1,2-Dichloroethane	5.07	62	3391	0.819 ug/L	97
48) 2-Hexanone	8.16	43	18820	6.072 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	19914	5.539 ug/L #	88

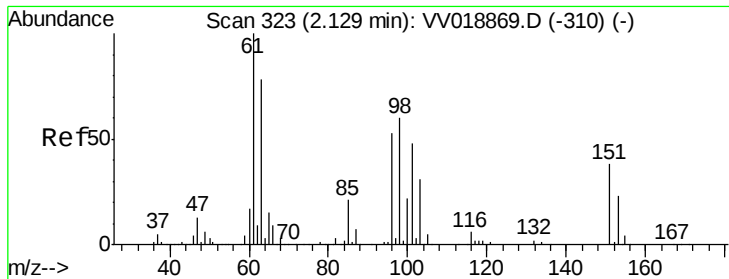
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
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VBLK79

Quant Time: Oct 14 01:35:18 2020
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QLast Update : Wed Oct 14 01:28:12 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.736 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018870.D

Acq: 13 Oct 2020 12:06

Instrument :

MSVOA_V

ClientSampled :

VBLK79

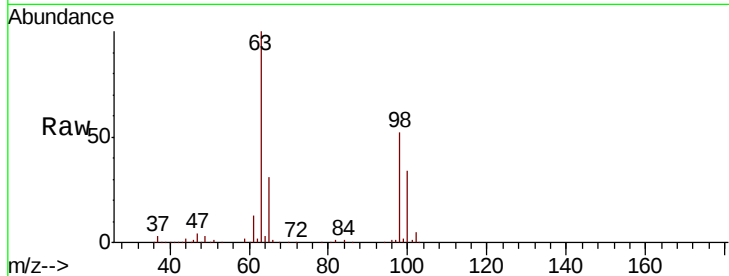
Tot Ion:101 Resp: 1830

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

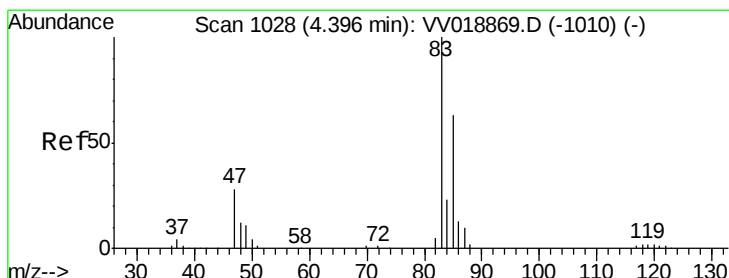
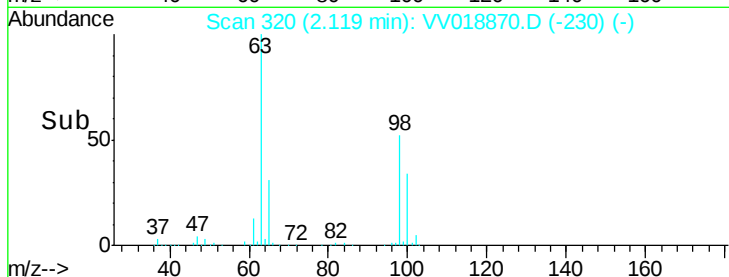
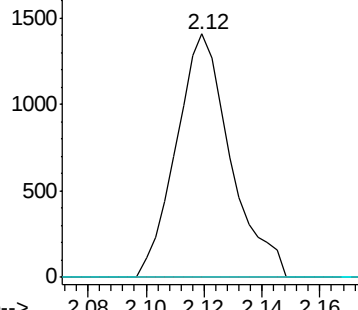
151 0.0 59.8 89.8#



Abundance Ion 101.00 (100.70 to 101.70): VV018870.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV018870.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV018870.D (-230) (-)



#25

Chloroform

Concen: 0.923 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV018870.D

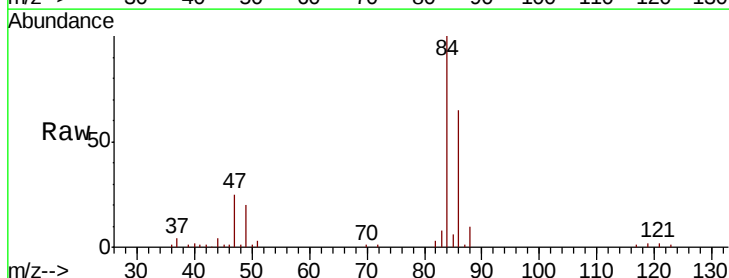
Acq: 13 Oct 2020 12:06

Tgt Ion: 83 Resp: 4698

Ion Ratio Lower Upper

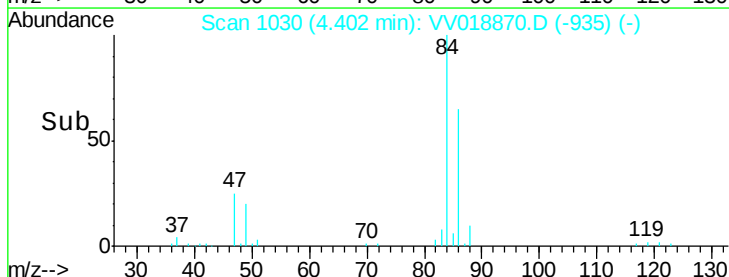
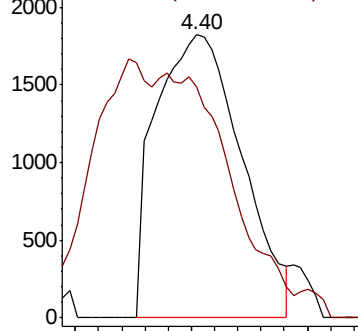
83 100

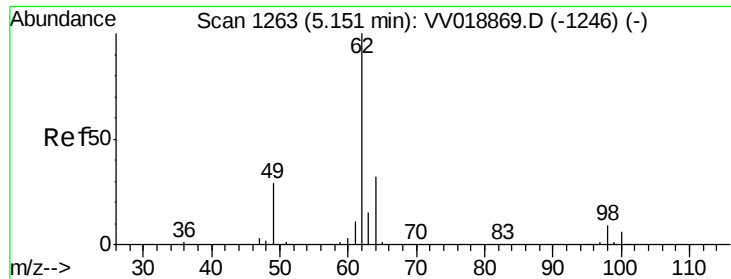
85 81.7 45.0 83.6



Abundance Ion 83.00 (82.70 to 83.70): VV018870.D (-935) (-)

Ion 85.00 (84.70 to 85.70): VV018870.D (-935) (-)





#27

1,2-Dichloroethane

Concen: 0.819 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV018870.D

Acq: 13 Oct 2020 12:06

Instrument :

MSVOA_V

ClientSampleId :

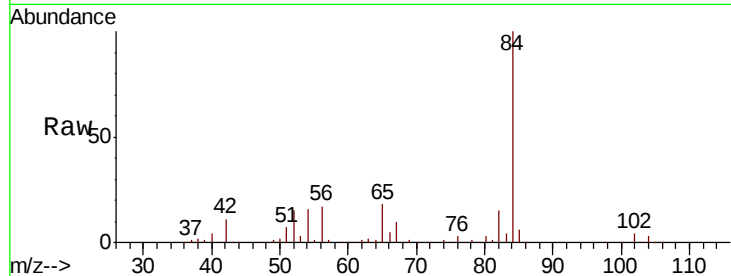
VBLK79

Tot Ion: 62 Resp: 3391

Ion Ratio Lower Upper

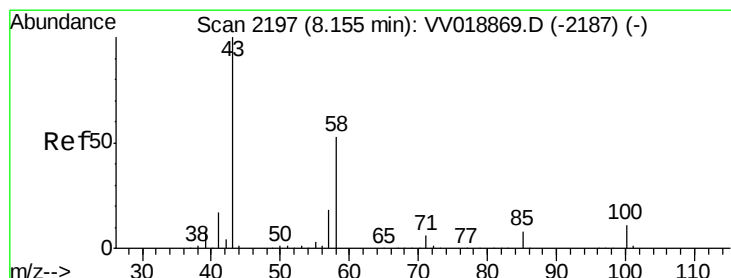
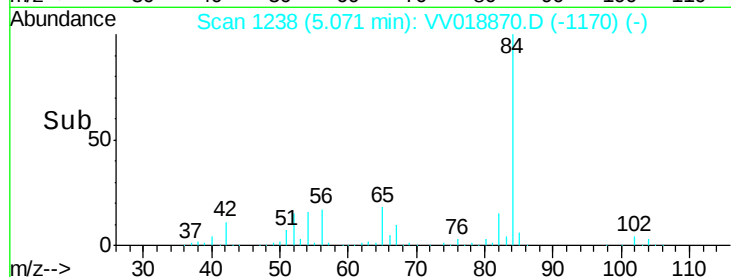
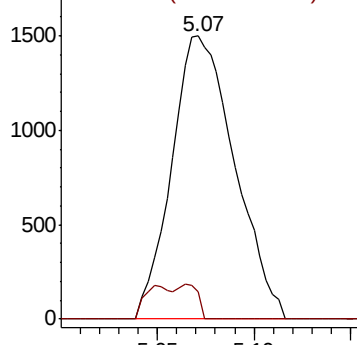
62 100

98 9.5 6.6 10.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#48

2-Hexanone

Concen: 6.072 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018870.D

Acq: 13 Oct 2020 12:06

Tgt Ion: 43 Resp: 18820

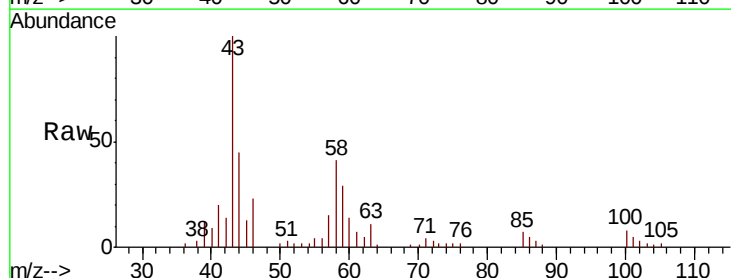
Ion Ratio Lower Upper

43 100

58 43.5 41.8 62.8

57 12.0 14.9 22.3#

100 7.7 9.2 13.8#

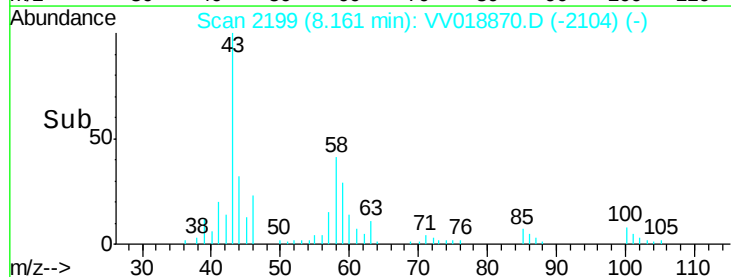
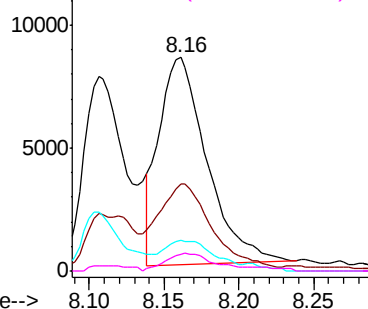


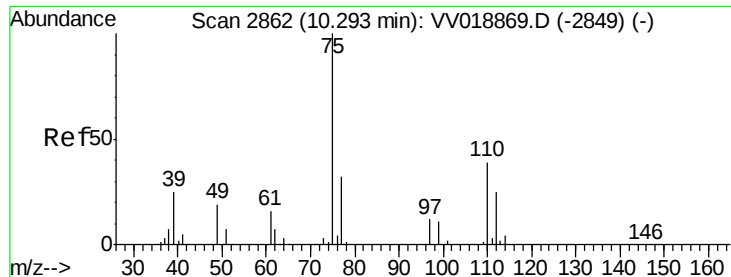
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.539 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018870.D

Acq: 13 Oct 2020 12:06

Instrument :

MSVOA_V

ClientSampleId :

VBLK79

Tot Ion: 75 Resp: 19914

Ion Ratio Lower Upper

75 100

77 39.0 25.9 38.9#

