

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019003.D
 Acq On : 20 Oct 2020 10:49
 Operator : SY/MD
 Sample : VV1020WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 06:09:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	290451	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287400	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	133166	55.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.40%
7) Chloroethane-d5	1.58	69	109416	57.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.52%
11) 1,1-Dichloroethene-d2	2.12	63	196136	43.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.92%
21) 2-Butanone-d5	3.92	46	158905	95.35	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.35%
24) Chloroform-d	4.38	84	210600	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	5.06	65	149031	52.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.54%
32) Benzene-d6	5.08	84	417060	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
36) 1,2-Dichloropropane-d6	6.09	67	133091	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.22%
41) Toluene-d8	7.34	98	370482	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%
43) trans-1,3-Dichloropropene-	7.64	79	64060	48.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.70%
47) 2-Hexanone-d5	8.11	63	82702	82.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139459	44.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	148084	52.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.70%

Target Compounds

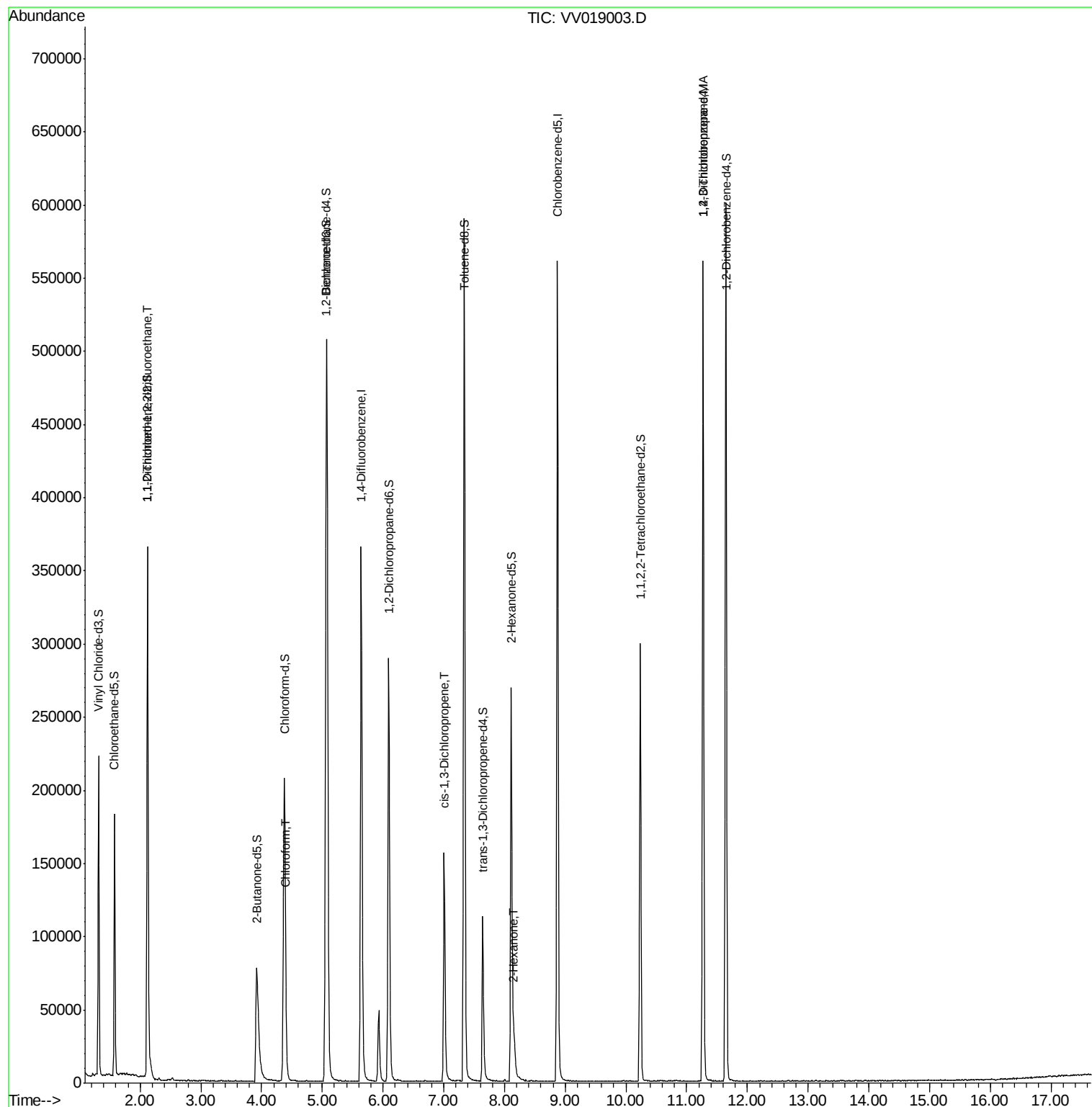
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1773	0.941 ug/L #	20
25) Chloroform	4.41	83	4446	1.072 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	4024	1.136 ug/L #	71
48) 2-Hexanone	8.16	43	14918	5.785 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	16564	5.802 ug/L #	87

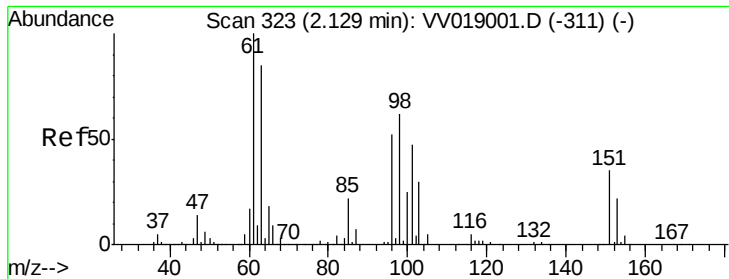
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 21 06:09:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 21 06:02:04 2020
Response via : Initial Calibration





#10

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

Concen: 0.941 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019003.D

Acq: 20 Oct 2020 10:49

Instrument :

MSVOA_V

ClientSampled :

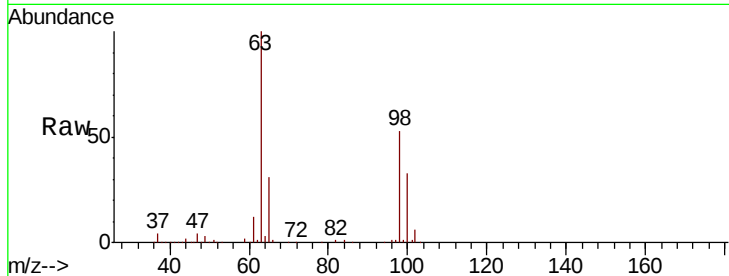
Tot Ion:101 Resp: 1773

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

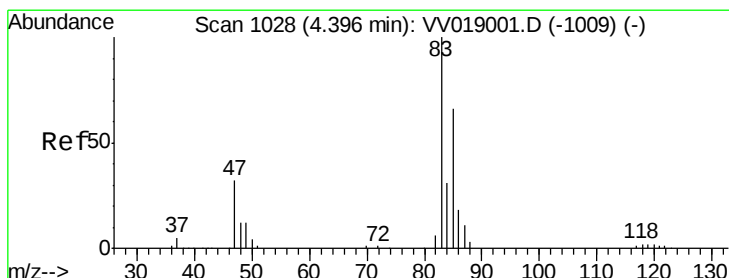
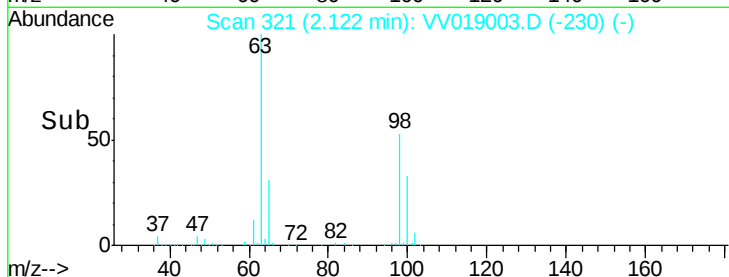
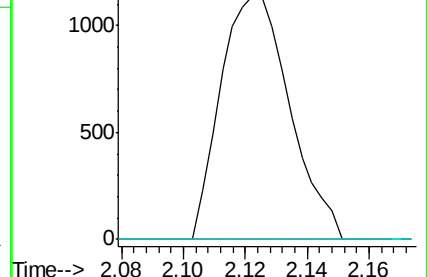
151 0.0 59.7 89.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#25

Chloroform

Concen: 1.072 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV019003.D

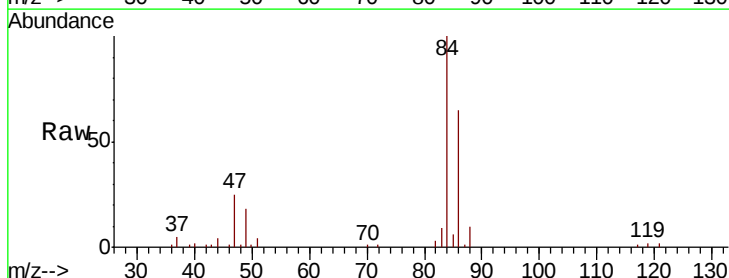
Acq: 20 Oct 2020 10:49

Tgt Ion: 83 Resp: 4446

Ion Ratio Lower Upper

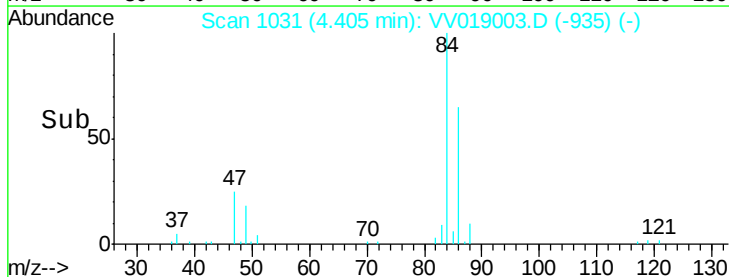
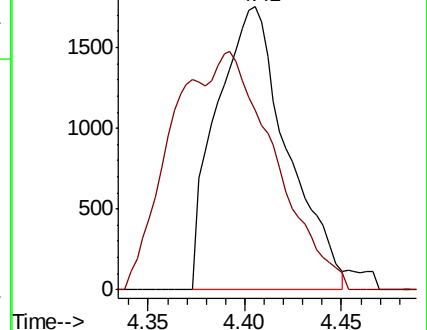
83 100

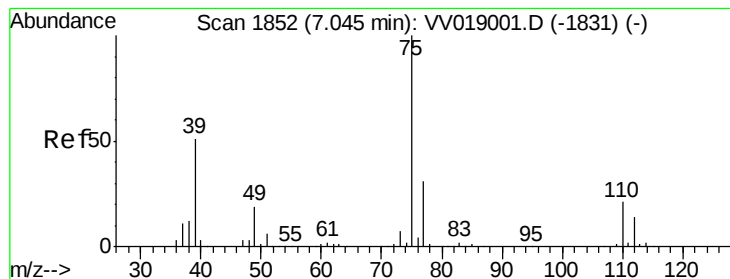
85 63.3 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



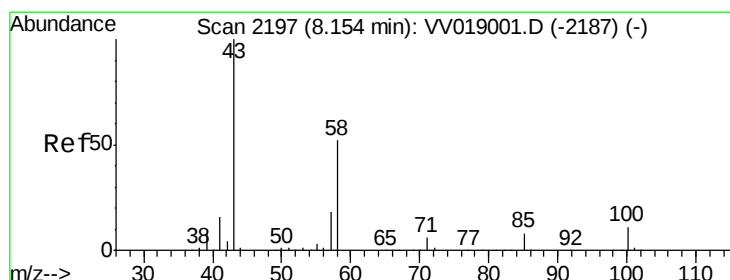
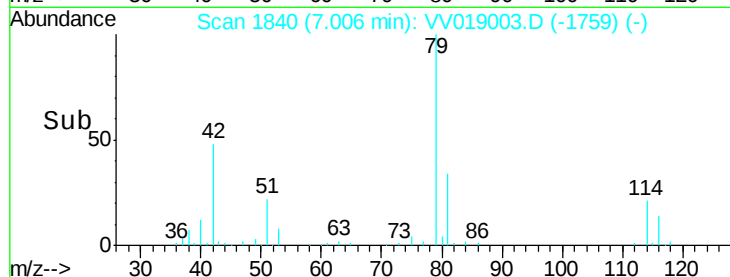
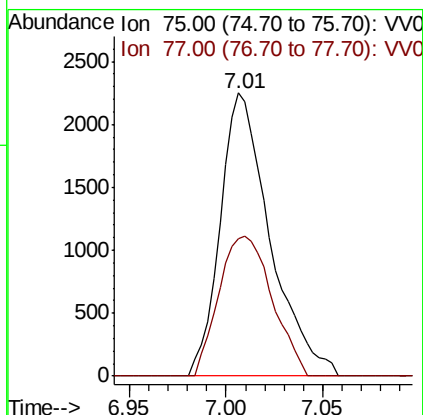
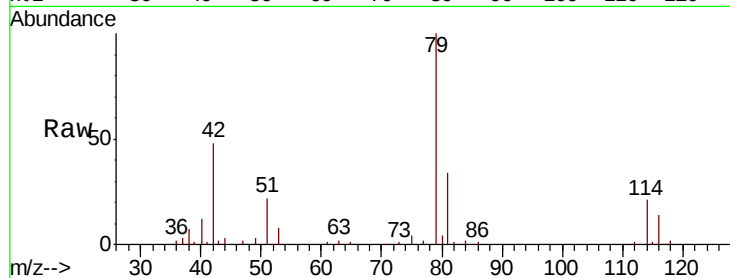


#39

cis-1,3-Dichloropropene
Concen: 1.136 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019003.D
Acq: 20 Oct 2020 10:49

Instrument :
MSVOA_V
ClientSampled :

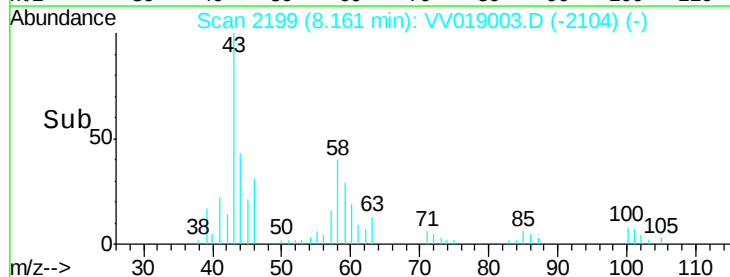
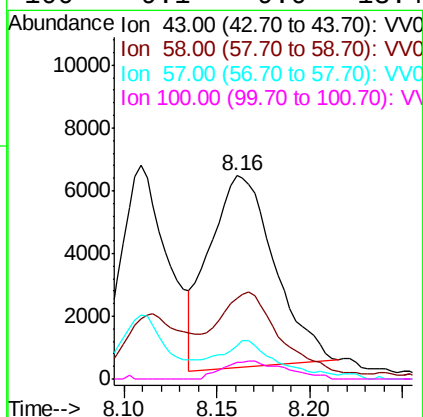
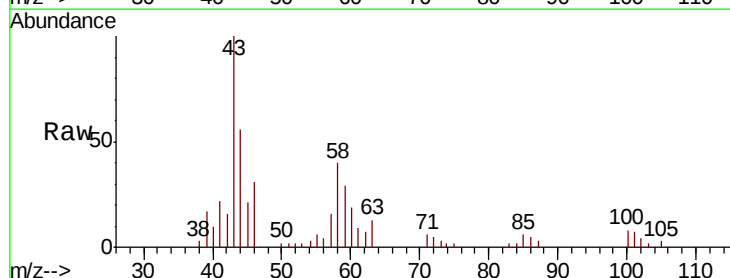
Tot Ion: 75 Resp: 4024
Ion Ratio Lower Upper
75 100
77 48.6 22.5 41.9#

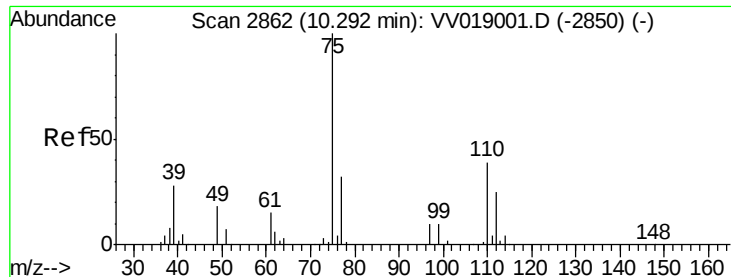


#48

2-Hexanone
Concen: 5.785 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV019003.D
Acq: 20 Oct 2020 10:49

Tgt Ion: 43 Resp: 14918
Ion Ratio Lower Upper
43 100
58 43.6 42.5 63.7
57 13.4 14.5 21.7#
100 9.1 9.0 13.4





#59

1,2,3-Trichloropropane

Concen: 5.802 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019003.D

Acq: 20 Oct 2020 10:49

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 16564

Ion Ratio Lower Upper

75 100

77 39.1 25.4 38.2#

