

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
 Data File : VV019685.D
 Acq On : 16 Dec 2020 19:23
 Operator : SY/MD
 Sample : L5062-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 00:32:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 17 00:30:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	593862	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	547630	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	247423	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	210490	49.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.86%
7) Chloroethane-d5	1.57	69	170159	50.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.32%
11) 1,1-Dichloroethene-d2	2.11	63	300502	38.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.04%
21) 2-Butanone-d5	3.89	46	302339	130.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	130.62%#
24) Chloroform-d	4.35	84	379832	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
26) 1,2-Dichloroethane-d4	5.04	65	265980	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
32) Benzene-d6	5.05	84	767113	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.04%
36) 1,2-Dichloropropane-d6	6.07	67	243911	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.62%
41) Toluene-d8	7.32	98	672577	51.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.30%
43) trans-1,3-Dichloropropene-	7.62	79	107459	41.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.58%
47) 2-Hexanone-d5	8.09	63	206843	115.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.19%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	301154	48.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.32%
64) 1,2-Dichlorobenzene-d4	11.63	152	241167	52.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.28%

Target Compounds

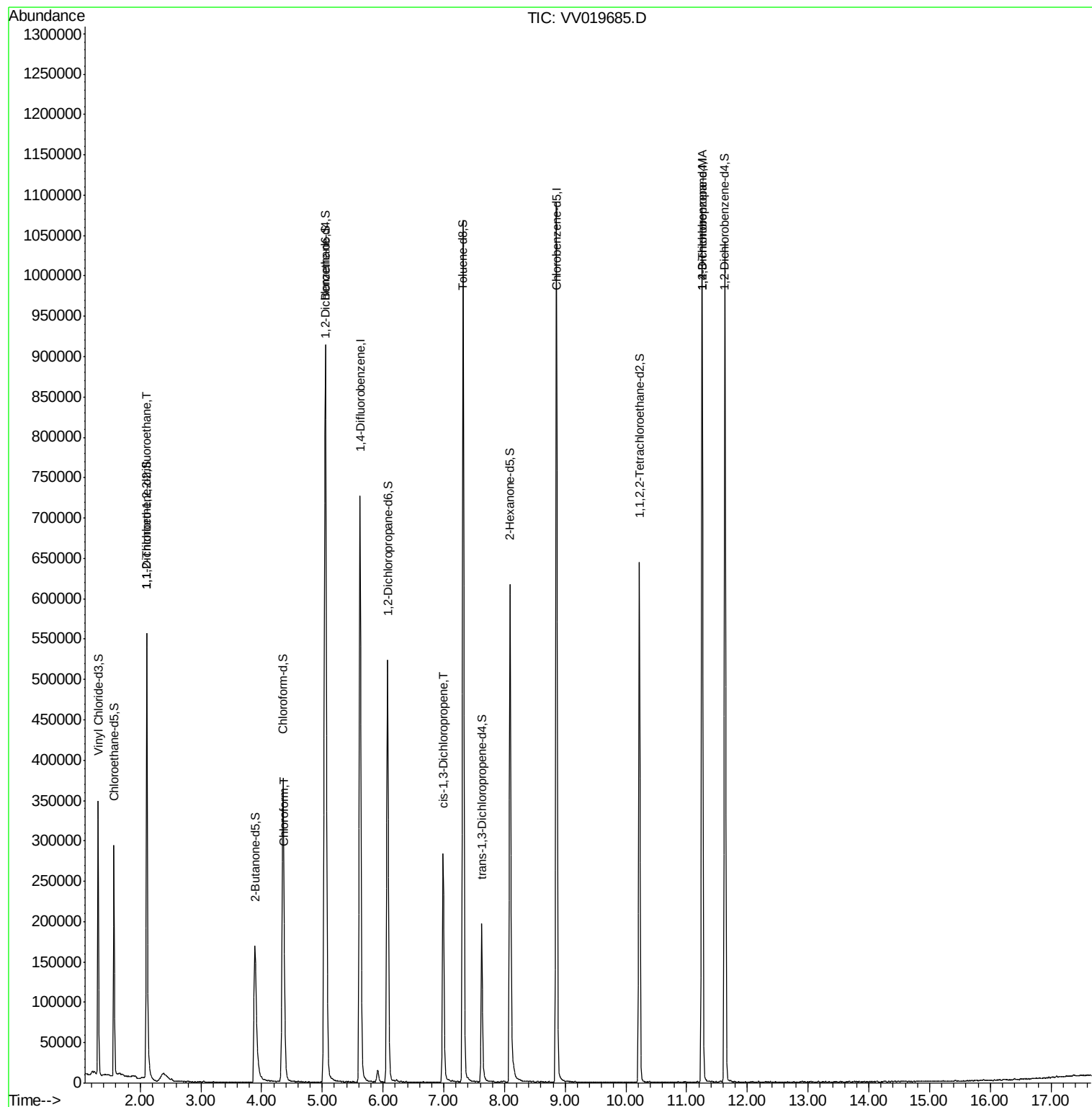
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2615	0.758 ug/L #	22
25) Chloroform	4.38	83	13855	1.845 ug/L	92
39) cis-1,3-Dichloropropene	6.99	75	7297	1.051 ug/L #	75
59) 1,2,3-Trichloropropane	11.25	75	33732	6.488 ug/L	93

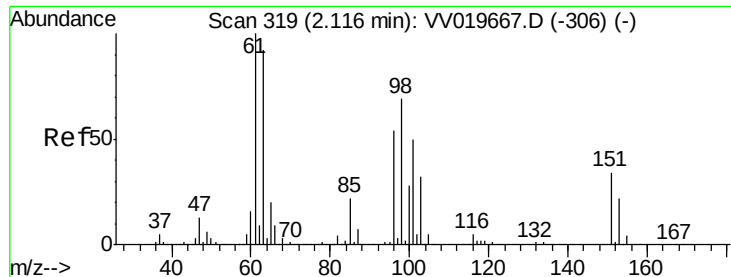
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 17 00:30:07 2020
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#10

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

Concen: 0.758 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019685.D

Acq: 16 Dec 2020 19:23

Instrument :

MSVOA_V

ClientSampleId :

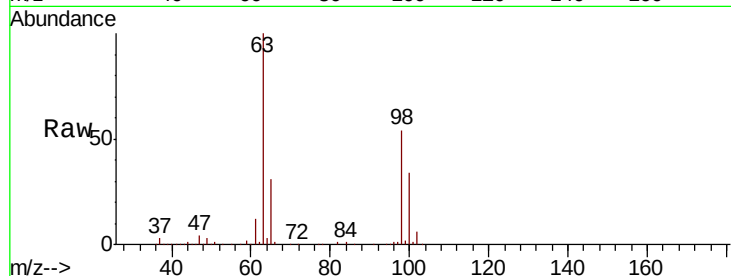
Tot Ion:101 Resp: 2615

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

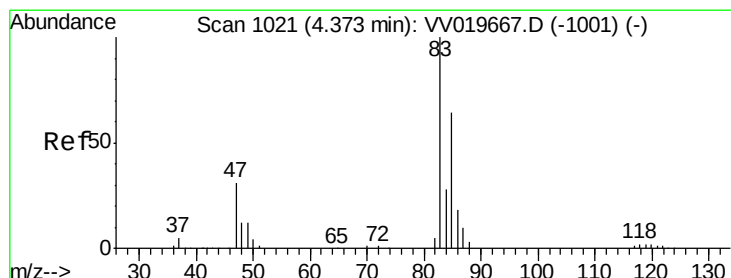
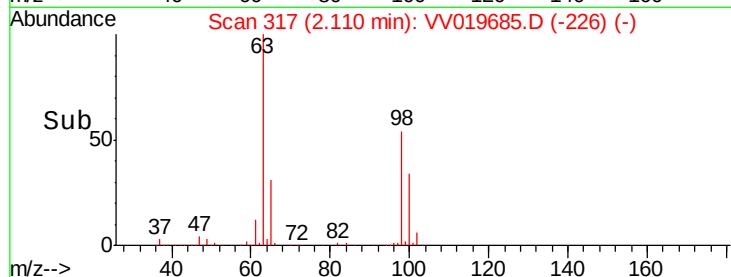
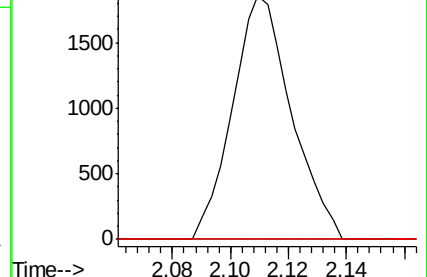
151 0.0 55.8 83.8#



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: 1.845 ug/L

RT: 4.38 min Scan# 1023

Delta R.T. 0.01 min

Lab File: VV019685.D

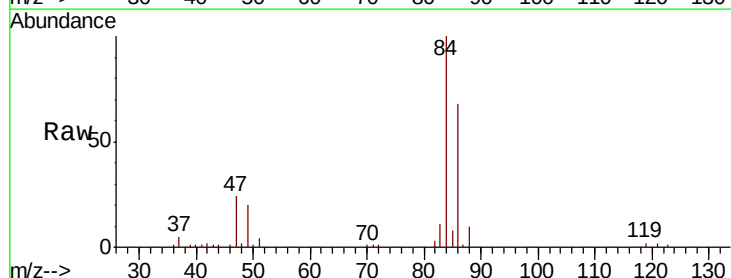
Acq: 16 Dec 2020 19:23

Tgt Ion: 83 Resp: 13855

Ion Ratio Lower Upper

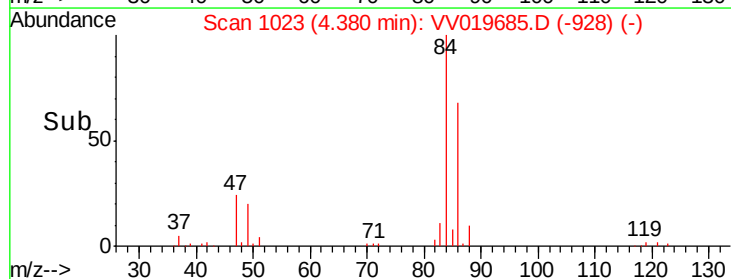
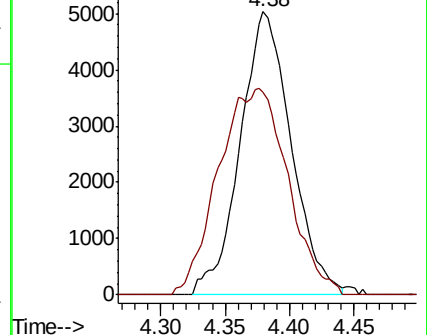
83 100

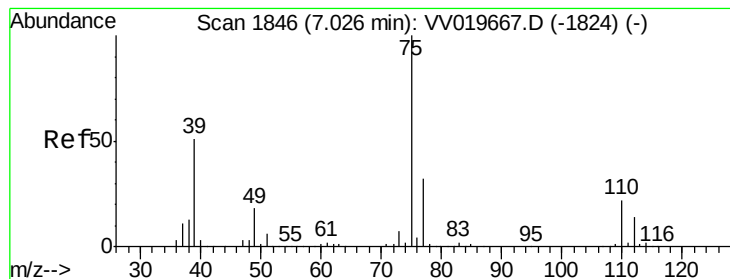
85 71.6 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



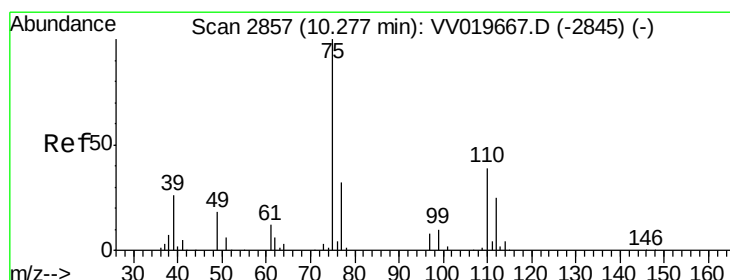
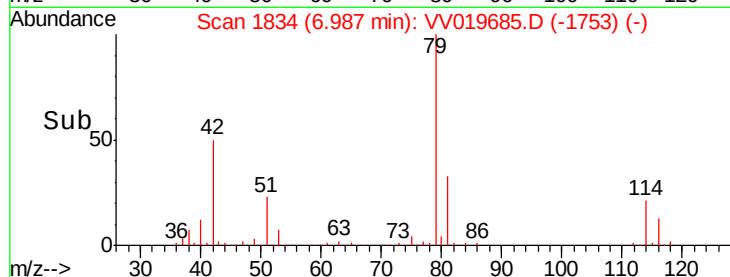
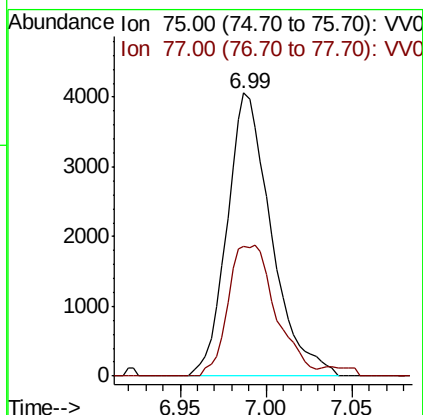
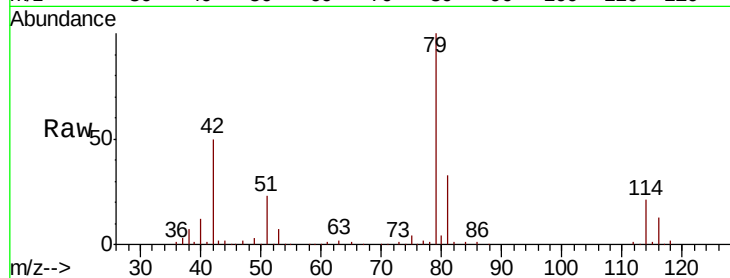


#39

cis-1,3-Dichloropropene
Concen: 1.051 ug/L
RT: 6.99 min Scan# 1834
Delta R.T. -0.04 min
Lab File: VV019685.D
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Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 7297
Ion Ratio Lower Upper
75 100
77 45.7 22.4 41.6#



#59

1,2,3-Trichloropropane
Concen: 6.488 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019685.D
Acq: 16 Dec 2020 19:23

Tgt Ion: 75 Resp: 33732
Ion Ratio Lower Upper
75 100
77 36.3 25.8 38.8

