

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121820\
 Data File : VV019705.D
 Acq On : 18 Dec 2020 17:20
 Operator : SY/MD
 Sample : L5098-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P1

Quant Time: Dec 19 05:28:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 05:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	558661	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	526687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	240771	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	190489	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.10%
7) Chloroethane-d5	1.57	69	157824	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.90%
11) 1,1-Dichloroethene-d2	2.11	63	276980	37.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.50%
21) 2-Butanone-d5	3.89	46	287113	131.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	131.86%#
24) Chloroform-d	4.35	84	357365	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.04	65	247032	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.72%
32) Benzene-d6	5.05	84	716519	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
36) 1,2-Dichloropropane-d6	6.07	67	230617	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.82%
41) Toluene-d8	7.32	98	624942	49.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.82%
43) trans-1,3-Dichloropropene-	7.62	79	110395	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.22%
47) 2-Hexanone-d5	8.09	63	187656	108.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	279683	46.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.98%
64) 1,2-Dichlorobenzene-d4	11.63	152	231480	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%

Target Compounds

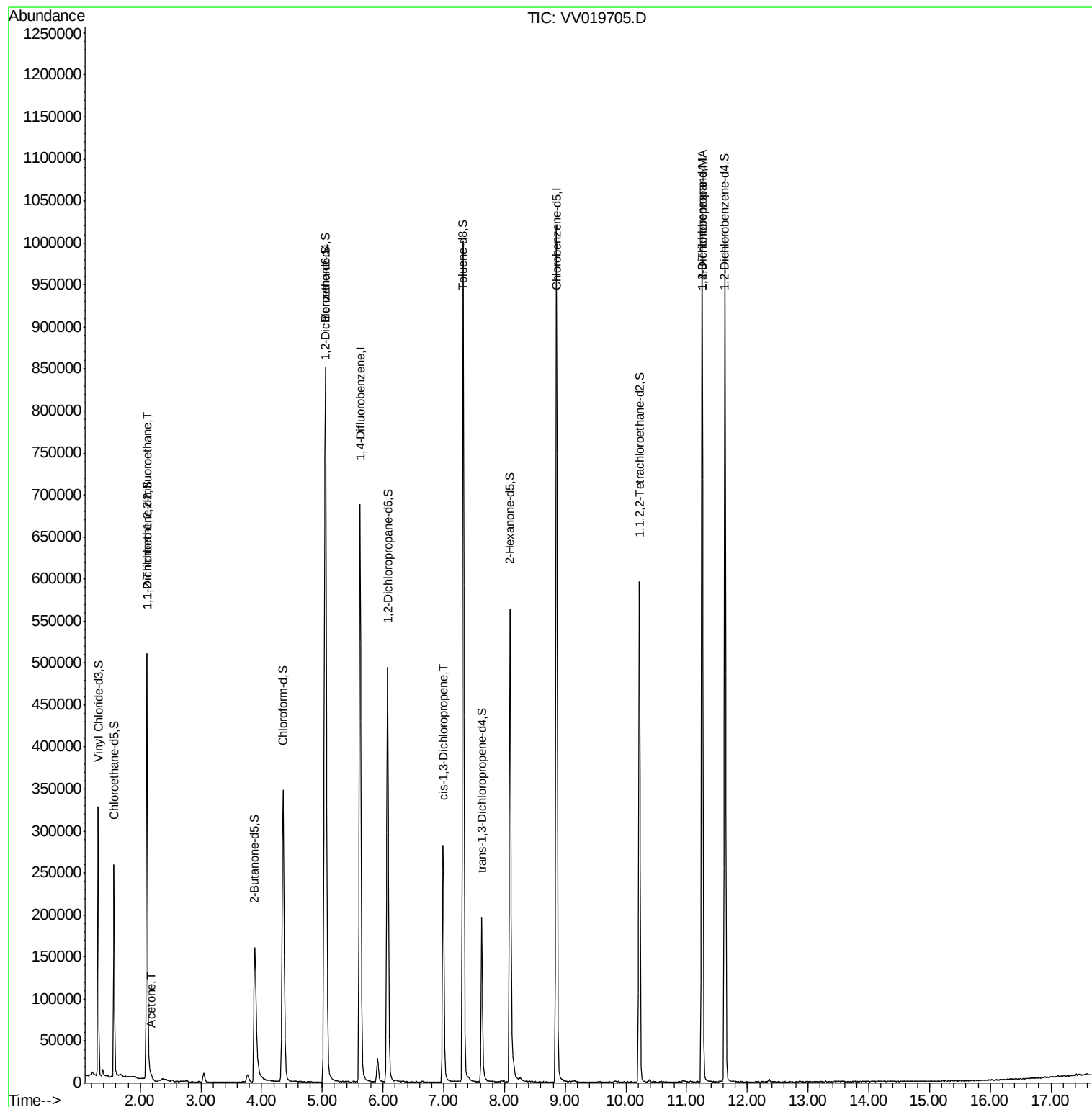
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2254	0.695 ug/L #	23
13) Acetone	2.18	43	7736	4.170 ug/L	94
39) cis-1,3-Dichloropropene	6.99	75	7216	1.081 ug/L #	76
59) 1,2,3-Trichloropropane	11.25	75	33476	6.695 ug/L	90

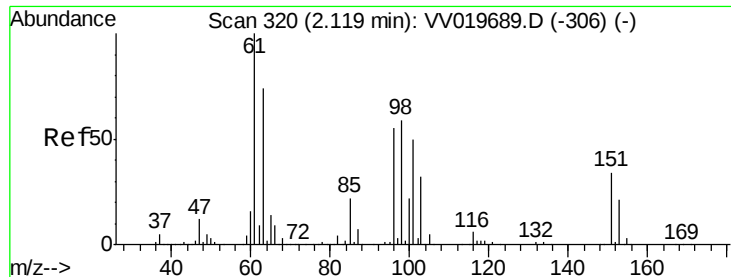
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.695 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV019705.D

Acq: 18 Dec 2020 17:20

Instrument :

MSVOA_V

ClientSampleId :

BG4P1

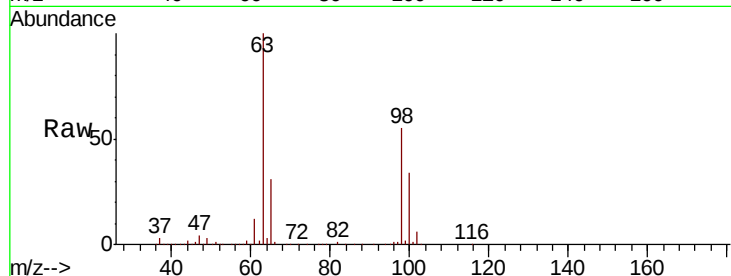
Tot Ion:101 Resp: 2254

Ion Ratio Lower Upper

101 100

85 2.0 35.0 52.4#

151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019689.D (-306) (-)

Ion 85.00 (84.70 to 85.70): VV019689.D (-306) (-)

Ion 151.00 (150.70 to 151.70): VV019689.D (-306) (-)

2.11

1500

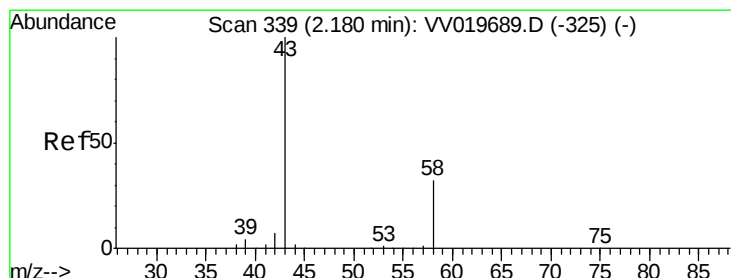
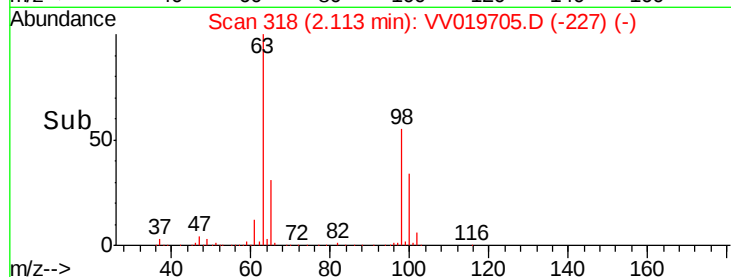
1000

500

0

2.08 2.10 2.12 2.14

Time-->



#13

Acetone

Concen: 4.170 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV019705.D

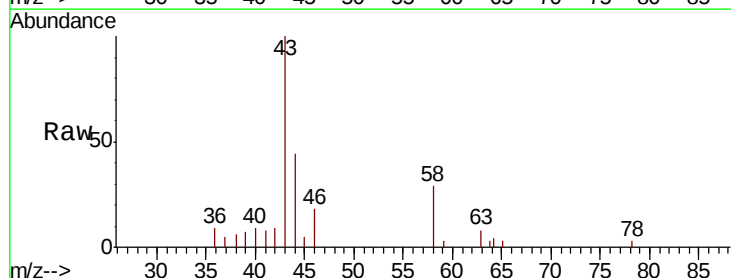
Acq: 18 Dec 2020 17:20

Tgt Ion: 43 Resp: 7736

Ion Ratio Lower Upper

43 100

58 34.0 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019689.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV019689.D (-325) (-)

2.18

4000

3000

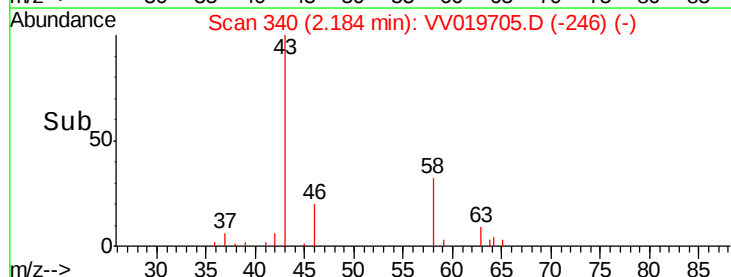
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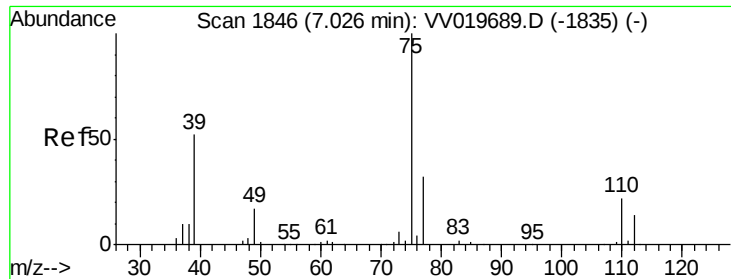
1000

0

2.15 2.20 2.25

Time-->



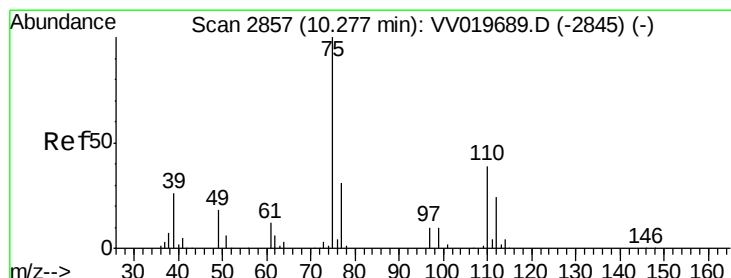
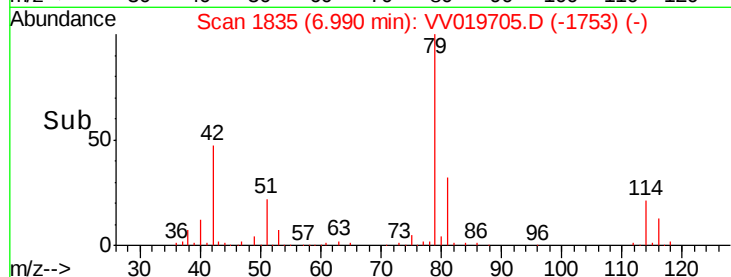
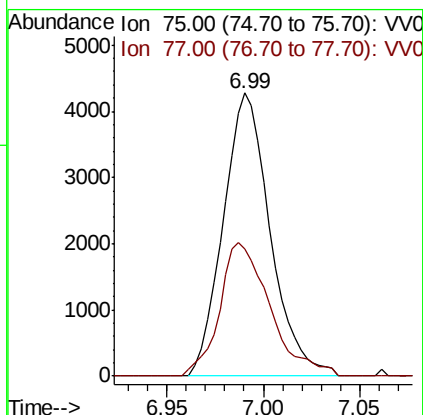
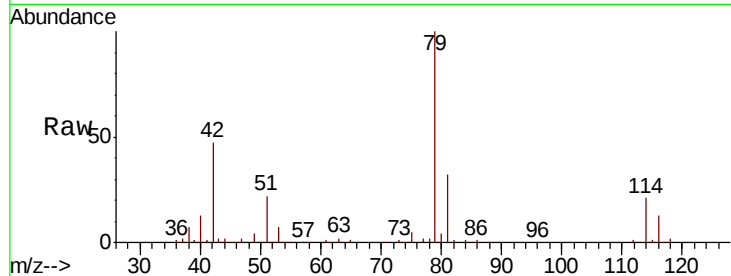


#39

cis-1,3-Dichloropropene
Concen: 1.081 ug/L
RT: 6.99 min Scan# 1835
Delta R.T. -0.04 min
Lab File: VV019705.D
Acq: 18 Dec 2020 17:20

Instrument :
MSVOA_V
ClientSampled :
BG4P1

Tot Ion: 75 Resp: 7216
Ion Ratio Lower Upper
75 100
77 45.1 22.4 41.6#



#59

1,2,3-Trichloropropane
Concen: 6.695 ug/L
RT: 11.25 min Scan# 3161
Delta R.T. 0.98 min
Lab File: VV019705.D
Acq: 18 Dec 2020 17:20

Tgt Ion: 75 Resp: 33476
Ion Ratio Lower Upper
75 100
77 37.7 25.8 38.8

