

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016439.D
 Acq On : 02 Jun 2020 20:27
 Operator : SY/MD
 Sample : L2836-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 03 02:26:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 03 01:20:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	391039	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	374015	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177068	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	130498	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.24%
7) Chloroethane-d5	1.58	69	92511	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.54%
11) 1,1-Dichloroethene-d2	2.13	63	175290	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.40%
21) 2-Butanone-d5	3.91	46	180321	101.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	4.38	84	230460	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	5.06	65	164118	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
32) Benzene-d6	5.08	84	482421	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
36) 1,2-Dichloropropane-d6	6.10	67	148692	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.26%
41) Toluene-d8	7.34	98	429864	47.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.48%
43) trans-1,3-Dichloropropene-	7.64	79	68062	44.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.48%
47) 2-Hexanone-d5	8.11	63	131549	98.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	197753	46.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	166656	50.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.16%

Target Compounds

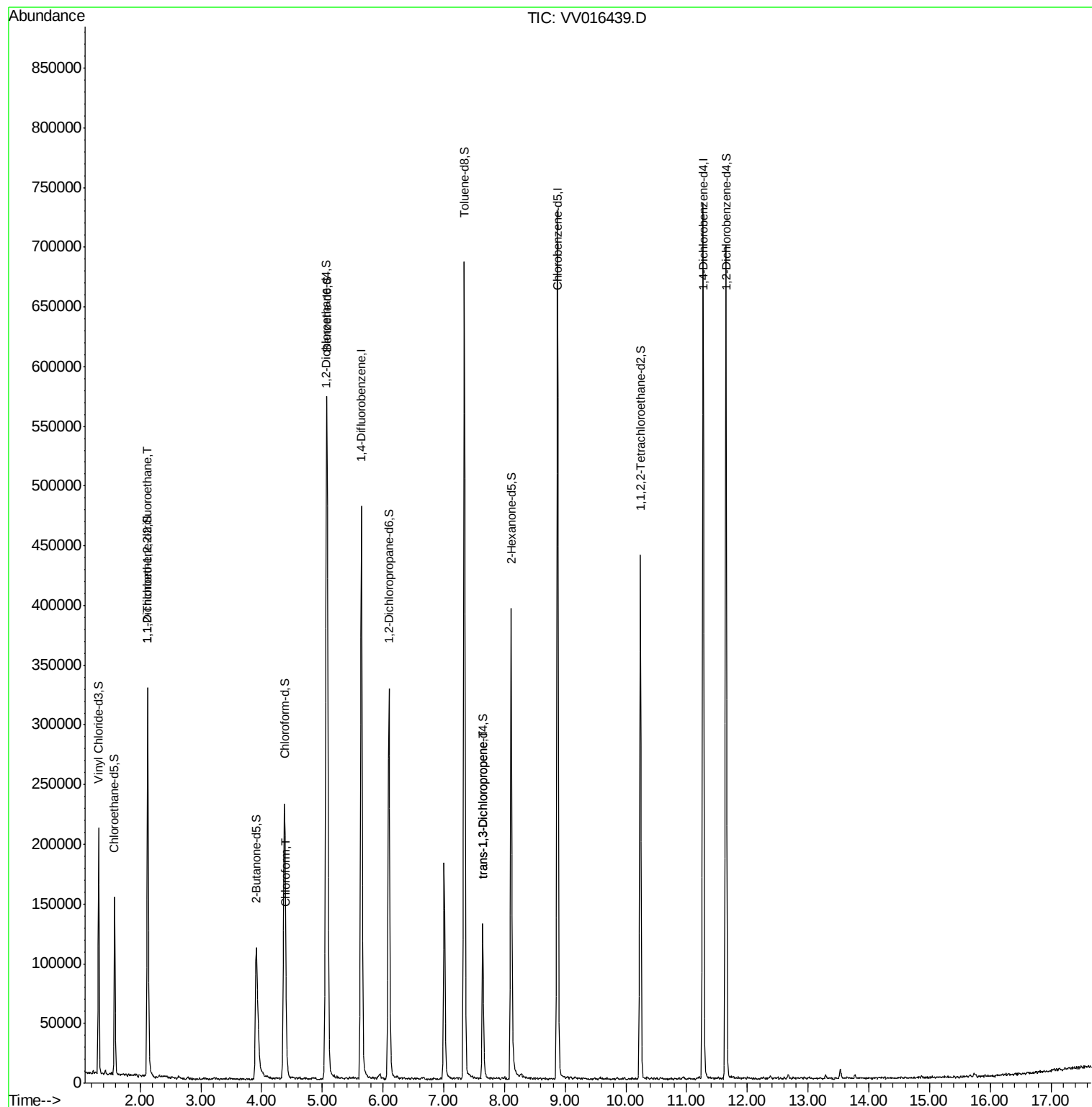
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1760	0.780 ug/L #	25
25) Chloroform	4.41	83	11479	2.162 ug/L	96
44) trans-1,3-Dichloropropene	7.64	75	3988	0.972 ug/L #	75

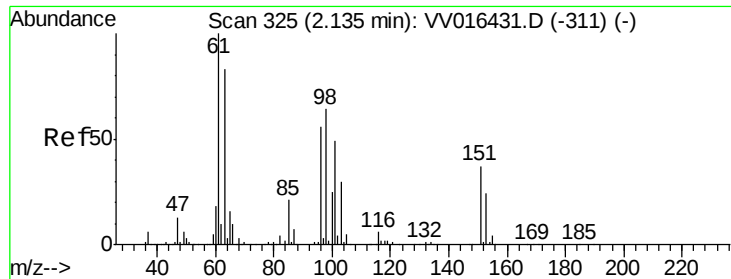
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.780 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV016439.D

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MSVOA_V

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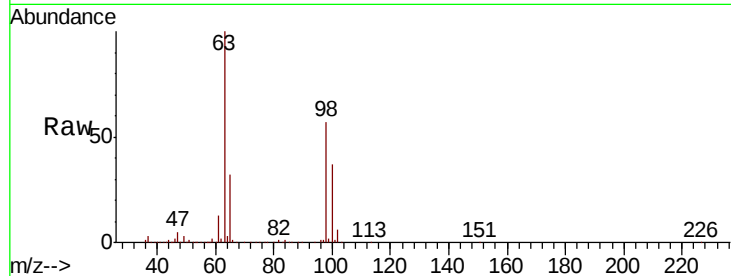
Tot Ion:101 Resp: 1760

Ion Ratio Lower Upper

101 100

85 3.5 35.6 53.4#

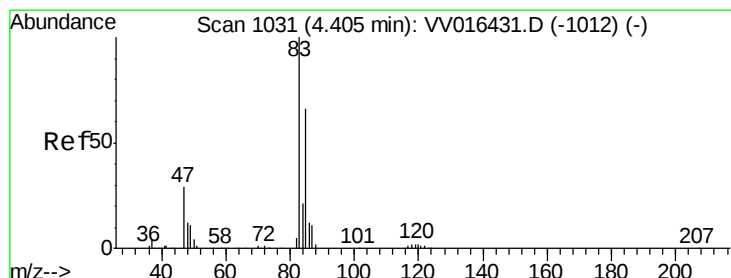
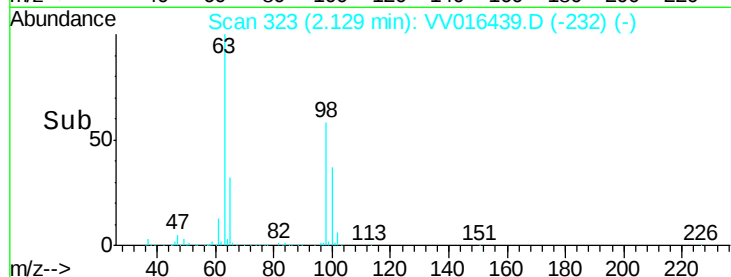
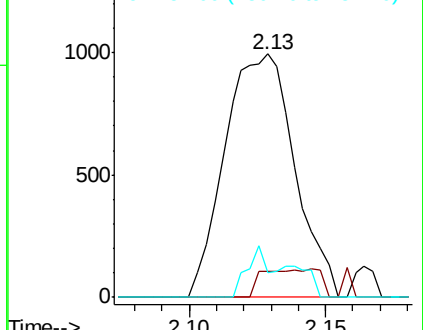
151 5.9 61.8 92.8#



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: 2.162 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV016439.D

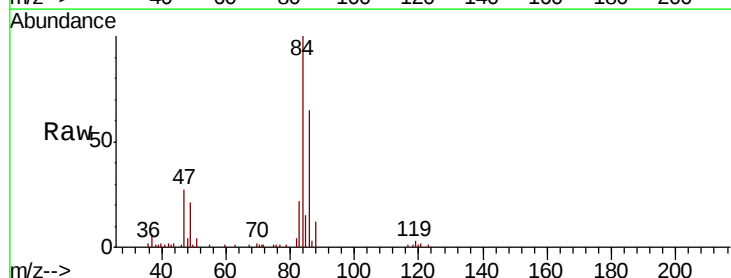
Acq: 02 Jun 2020 20:27

Tgt Ion: 83 Resp: 11479

Ion Ratio Lower Upper

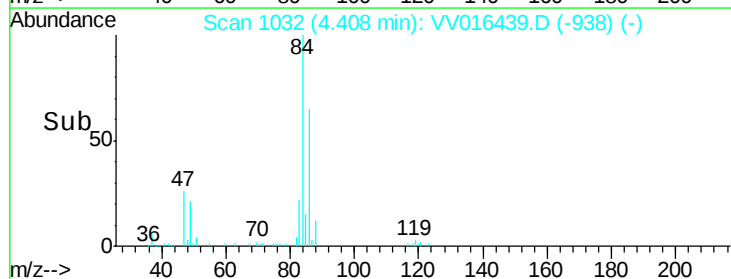
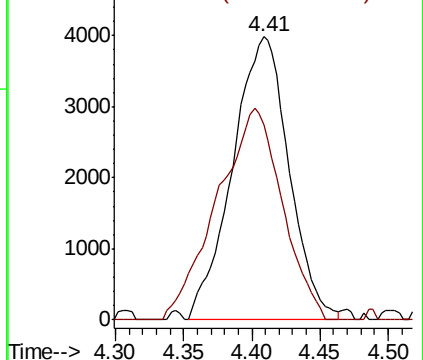
83 100

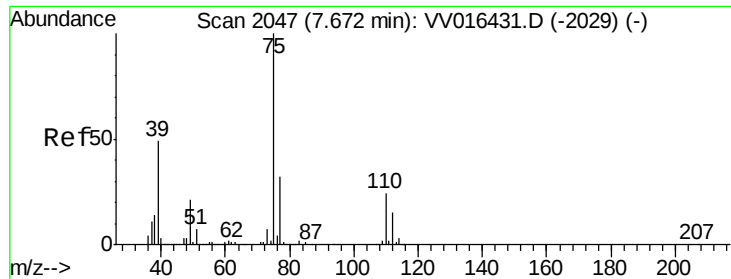
85 68.9 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.972 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016439.D

Acq: 02 Jun 2020 20:27

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 3988

Ion Ratio Lower Upper

75 100

77 45.4 22.2 41.2#

