

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015272.D
 Acq On : 30 Mar 2020 15:14
 Operator : SY/MD
 Sample : VV0330WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:20:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	700193	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	657116	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	286576	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	213898	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	206167	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.78%
11) 1,1-Dichloroethene-d2	2.12	63	371737	33.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.52%
21) 2-Butanone-d5	3.94	46	302566	90.62	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.62%
24) Chloroform-d	4.38	84	386691	42.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.26%
26) 1,2-Dichloroethane-d4	5.06	65	266936	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
32) Benzene-d6	5.08	84	779338	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
36) 1,2-Dichloropropane-d6	6.10	67	245337	45.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.48%
41) Toluene-d8	7.34	98	739174	44.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.08%
43) trans-1,3-Dichloropropene-	7.64	79	125035	42.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.60%
47) 2-Hexanone-d5	8.12	63	236343	93.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	352526	44.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	250524	43.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.84%

Target Compounds

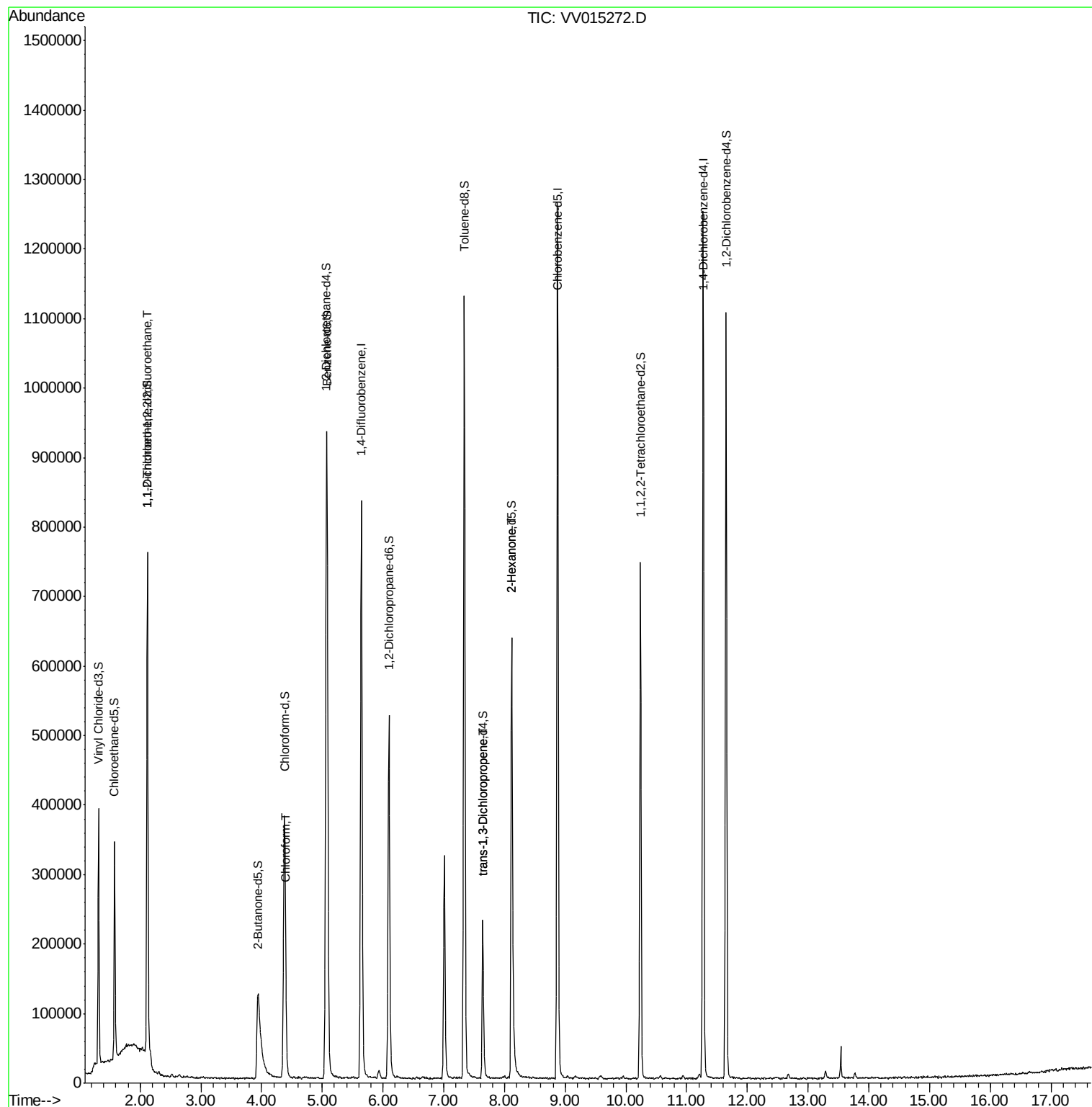
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	4318	0.807	ug/L #	39
25) Chloroform	4.41	83	11353	1.314	ug/L	89
44) trans-1,3-Dichloropropene	7.64	75	7000	0.953	ug/L	86
48) 2-Hexanone	8.12	43	30579	6.059	ug/L #	82

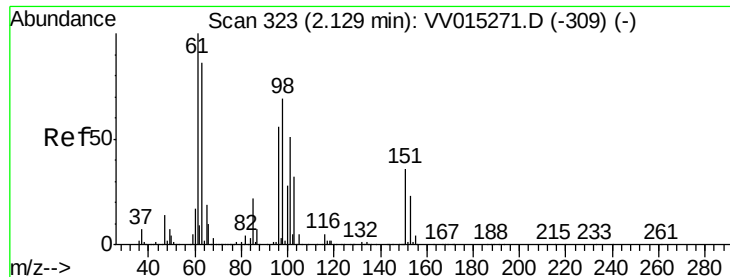
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.807 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Acq: 30 Mar 2020 15:14

Instrument :

MSVOA_V

ClientSampleId :

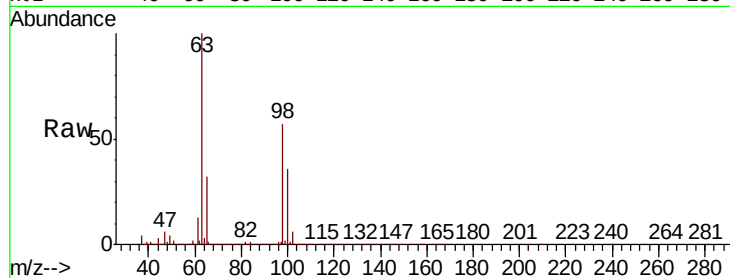
Tot Ion:101 Resp: 4318

Ion Ratio Lower Upper

101 100

85 4.7 35.0 52.6#

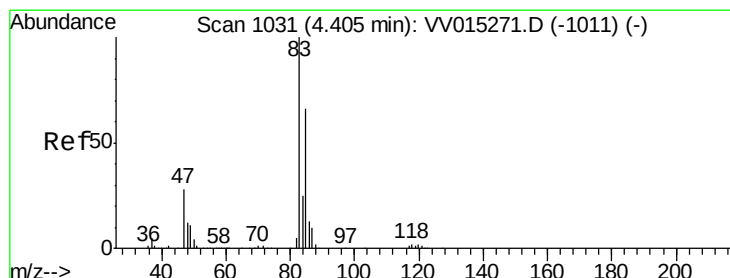
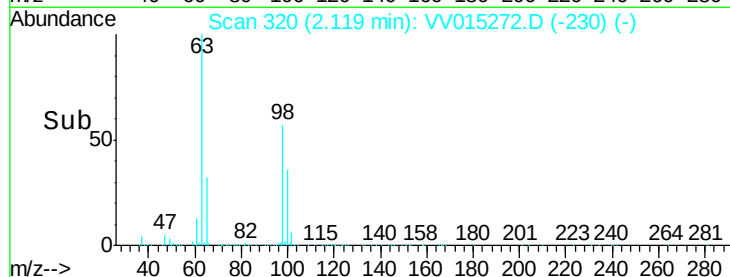
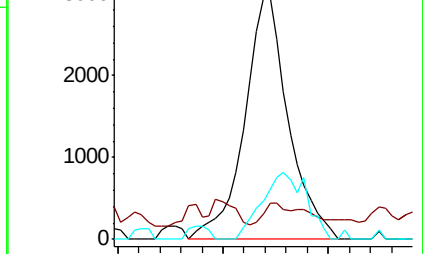
151 21.1 58.2 87.4#



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: 1.314 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015272.D

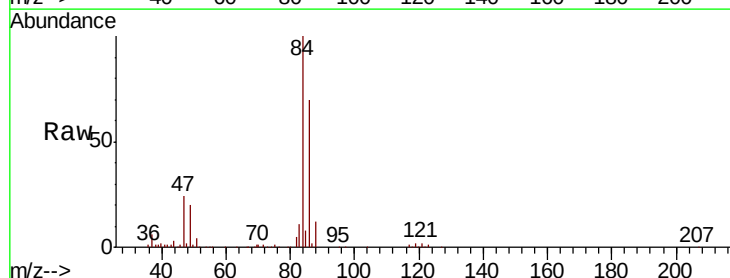
Acq: 30 Mar 2020 15:14

Tgt Ion: 83 Resp: 11353

Ion Ratio Lower Upper

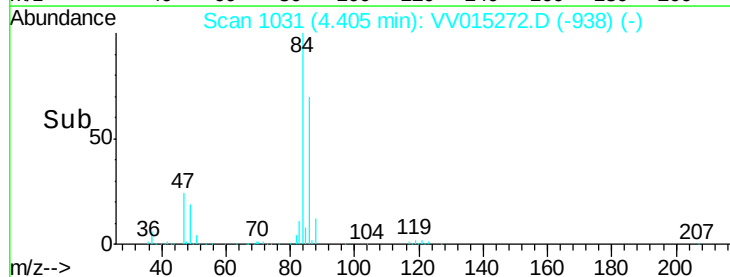
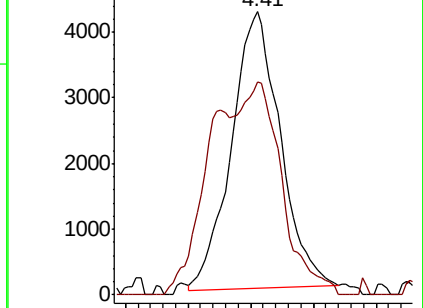
83 100

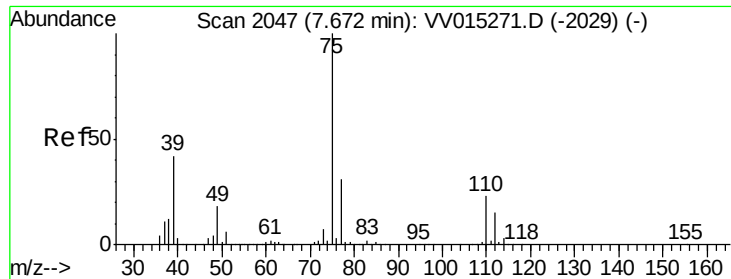
85 75.4 46.6 86.6



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: 0.953 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

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Acq: 30 Mar 2020 15:14

Instrument :

MSVOA_V

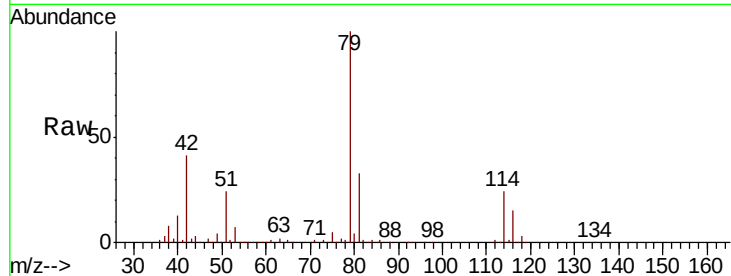
ClientSampleId :

Tot Ion: 75 Resp: 7000

Ion Ratio Lower Upper

75 100

77 38.7 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.64

4000

3000

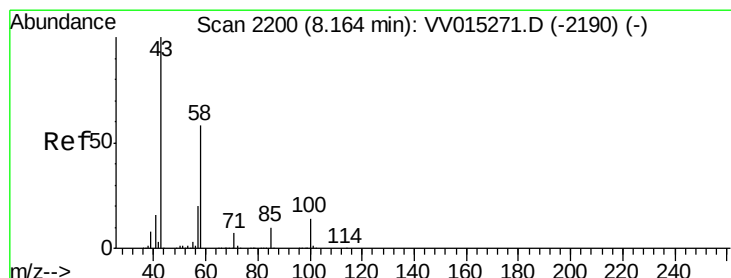
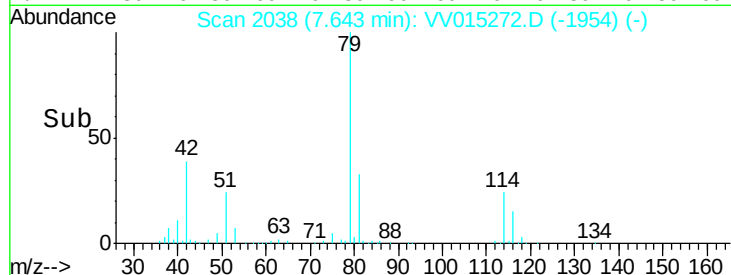
2000

1000

0

7.60 7.65 7.70

Time-->



#48

2-Hexanone

Concen: 6.059 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.04 min

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Acq: 30 Mar 2020 15:14

Tgt Ion: 43 Resp: 30579

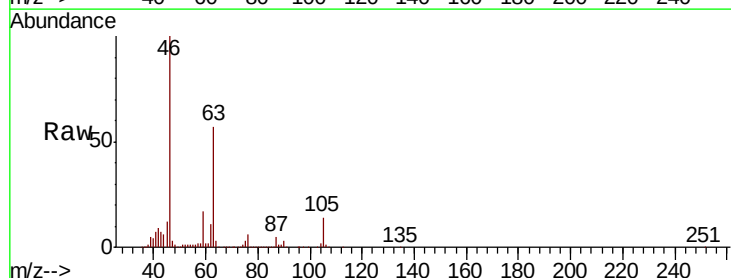
Ion Ratio Lower Upper

43 100

58 45.5 47.0 70.6#

57 22.9 16.2 24.2

100 0.2 11.0 16.6#



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

8.12

20000

15000

10000

5000

0

8.05 8.10 8.15

Time-->

