

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014802.D
 Acq On : 10 Mar 2020 14:57
 Operator : SY/MD
 Sample : L1840-07 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 02:00:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 01:57:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	408872	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	387229	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	188488	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102383	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.00%
7) Chloroethane-d5	1.58	69	86543	39.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.12%
11) 1,1-Dichloroethene-d2	2.12	63	134027	29.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.30%#
21) 2-Butanone-d5	3.94	46	184671	89.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.49%
24) Chloroform-d	4.38	84	231900	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
26) 1,2-Dichloroethane-d4	5.06	65	162491	45.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.32%
32) Benzene-d6	5.08	84	478050	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
36) 1,2-Dichloropropane-d6	6.09	67	149020	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.94%
41) Toluene-d8	7.34	98	452110	45.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.30%
43) trans-1,3-Dichloropropene-	7.64	79	68539	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.84%
47) 2-Hexanone-d5	8.12	63	145961	97.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	213444	45.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	185382	49.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.24%

Target Compounds

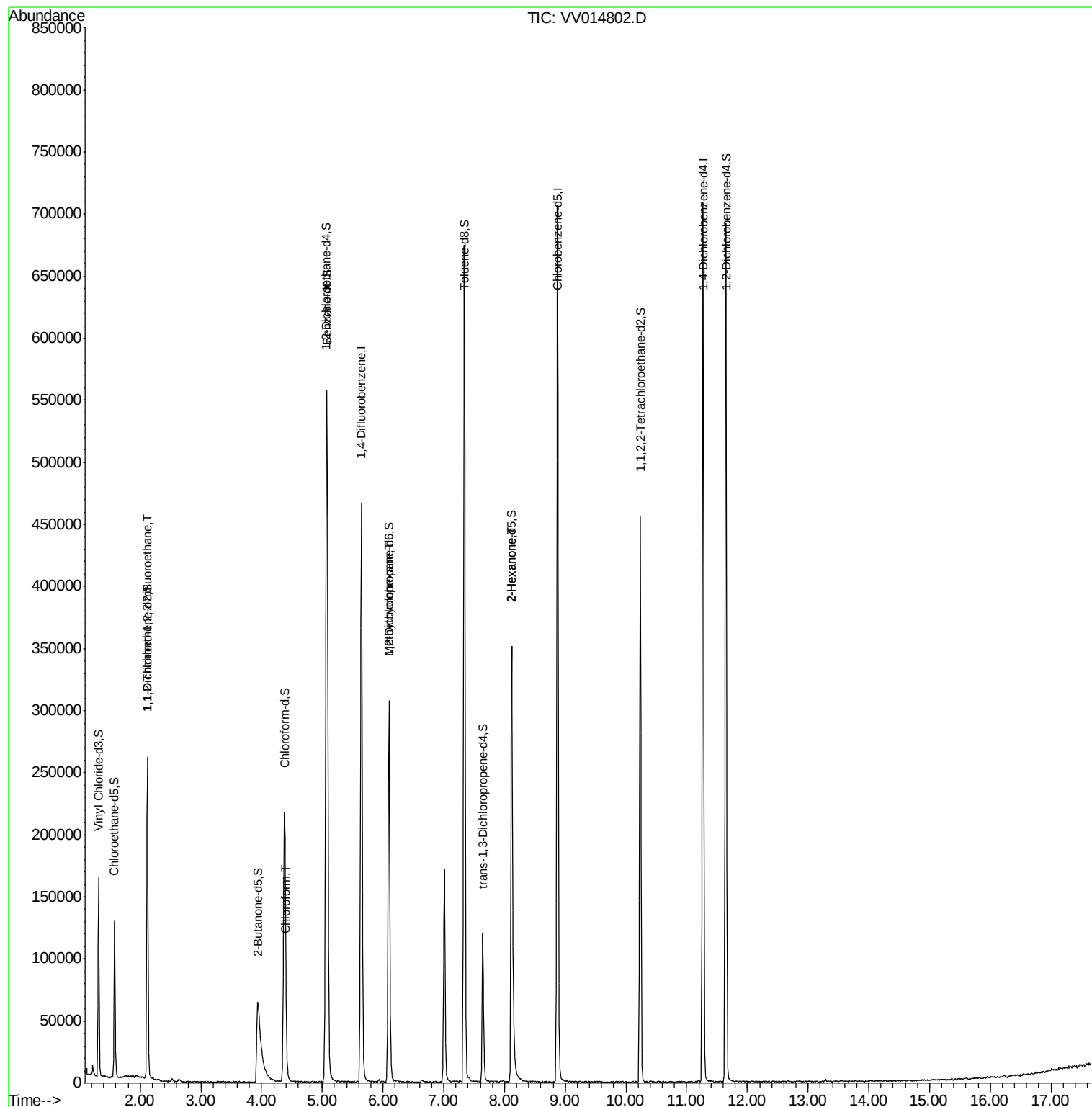
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1505	0.663 ug/L #	16
25) Chloroform	4.41	83	7695	1.386 ug/L	87
35) Methylcyclohexane	6.09	83	36961	7.637 ug/L #	18
48) 2-Hexanone	8.12	43	18636	5.394 ug/L #	74

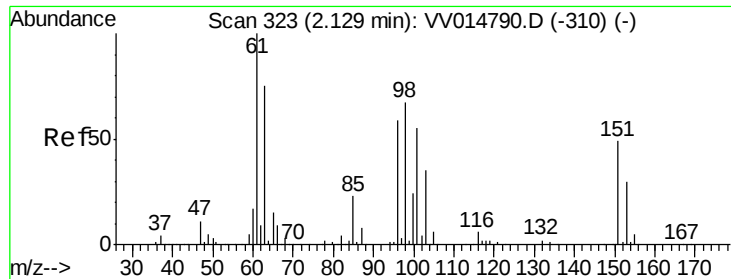
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.663 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014802.D

Acq: 10 Mar 2020 14:57

Instrument :

MSVOA_V

ClientSampleId :

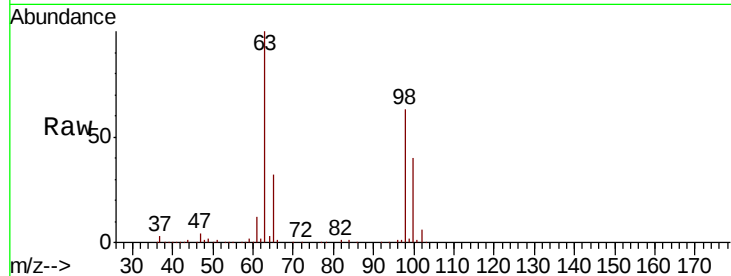
Tot Ion:101 Resp: 1505

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

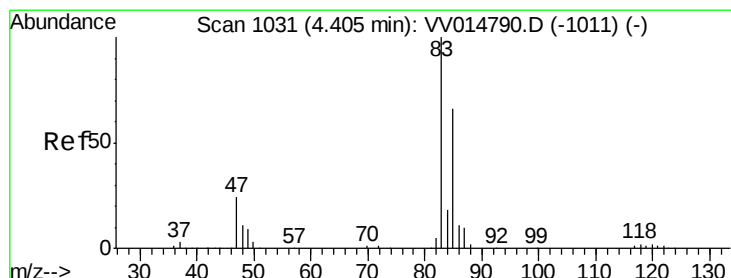
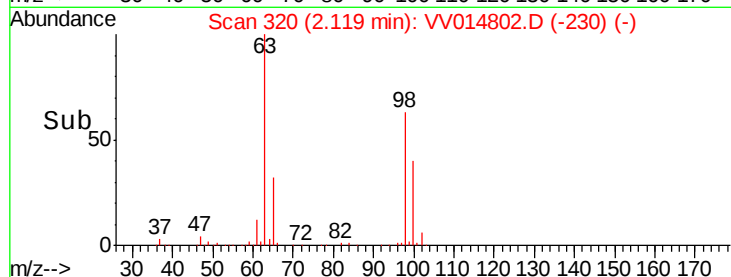
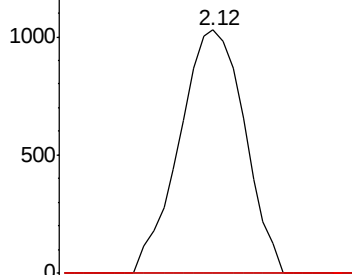
151 0.0 66.4 99.6#



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: 1.386 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

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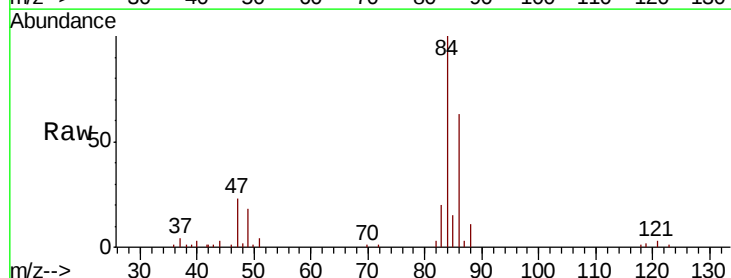
Acq: 10 Mar 2020 14:57

Tgt Ion: 83 Resp: 7695

Ion Ratio Lower Upper

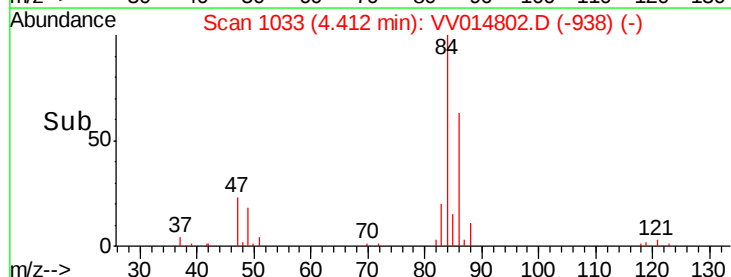
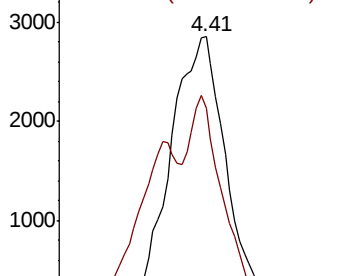
83 100

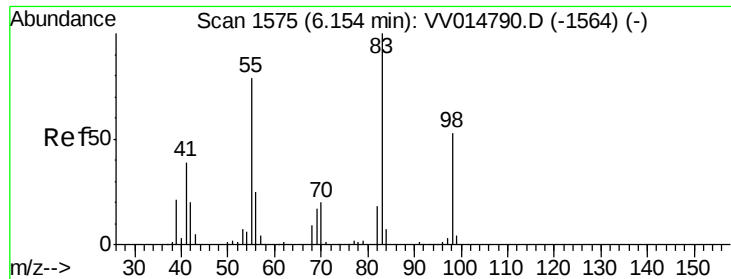
85 74.6 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

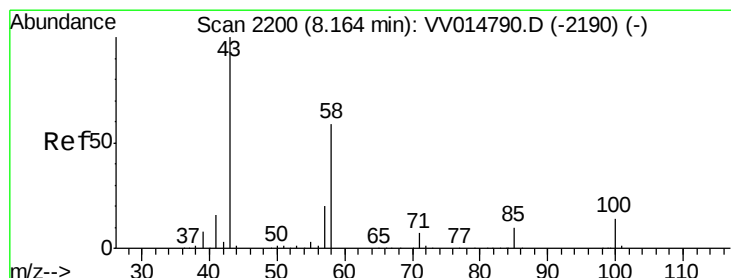
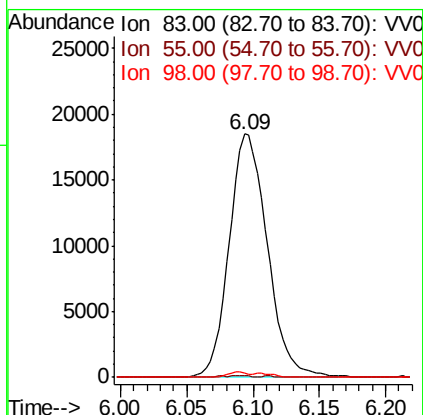
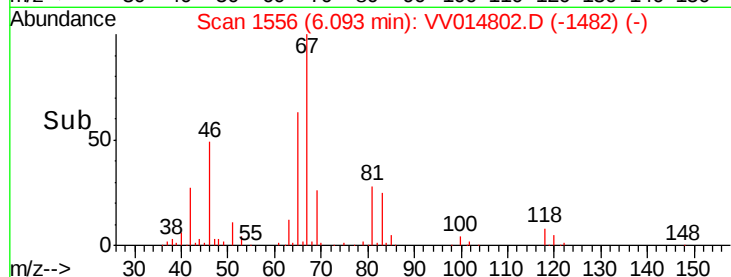
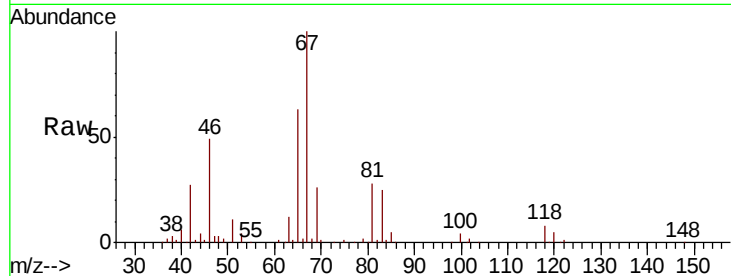




#35
Methvlcvclohexane
Concen: 7.637 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
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Tot Ion: 83 Resp: 36961
Ion Ratio Lower Upper
83 100
55 0.4 63.4 95.2#
98 1.3 36.8 55.2#



#48
2-Hexanone
Concen: 5.394 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV014802.D
Acq: 10 Mar 2020 14:57

Tgt Ion: 43 Resp: 18636
Ion Ratio Lower Upper
43 100
58 31.2 43.3 64.9#
57 23.4 15.6 23.4#
100 0.2 8.7 13.1#

