

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031320\
 Data File : VV014907.D
 Acq On : 13 Mar 2020 16:29
 Operator : SY/MD
 Sample : L1834-21
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Mar 14 03:26:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 14 03:23:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	366729	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	364549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101655	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.92%
7) Chloroethane-d5	1.58	69	83436	42.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.06%
11) 1,1-Dichloroethene-d2	2.12	63	129421	31.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.76%
21) 2-Butanone-d5	3.93	46	124809	67.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.43%
24) Chloroform-d	4.38	84	223914	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.30%
26) 1,2-Dichloroethane-d4	5.06	65	156239	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
32) Benzene-d6	5.08	84	462611	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
36) 1,2-Dichloropropane-d6	6.10	67	142448	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.30%
41) Toluene-d8	7.34	98	446126	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.64	79	69268	44.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.94%
47) 2-Hexanone-d5	8.12	63	146373	103.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211892	48.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	186880	55.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.34%

Target Compounds

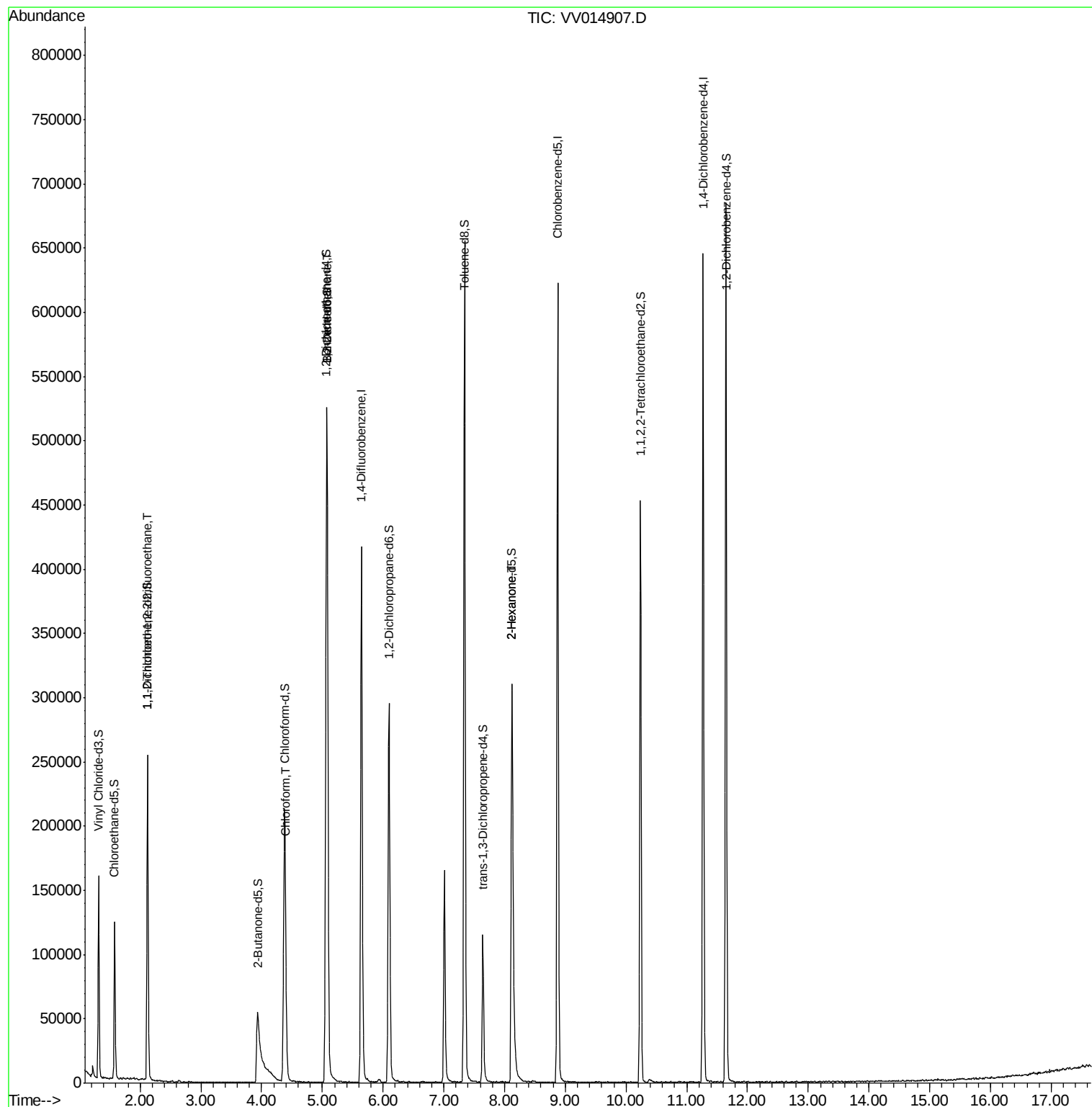
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1350	0.663	ug/L #	18
25) Chloroform	4.40	83	4711	0.946	ug/L	80
27) 1,2-Dichloroethane	5.08	62	2816	0.730	ug/L	98
48) 2-Hexanone	8.12	43	17127	5.265	ug/L #	60

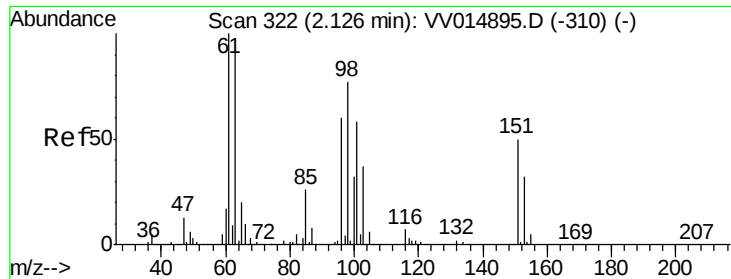
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.663 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV014907.D

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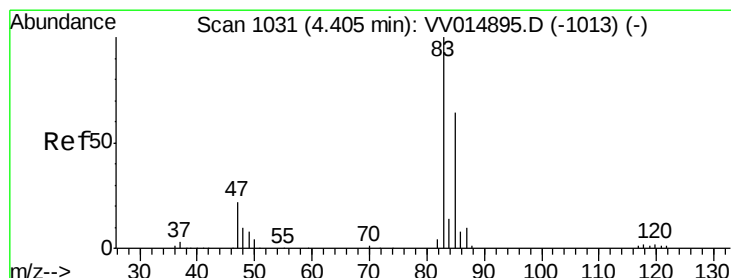
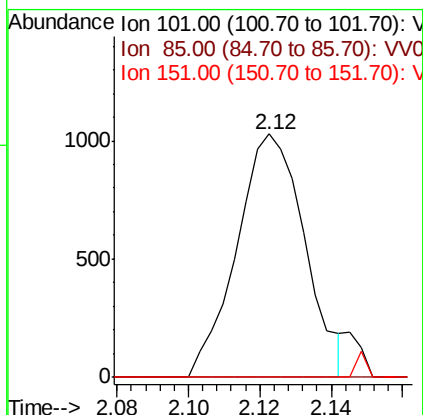
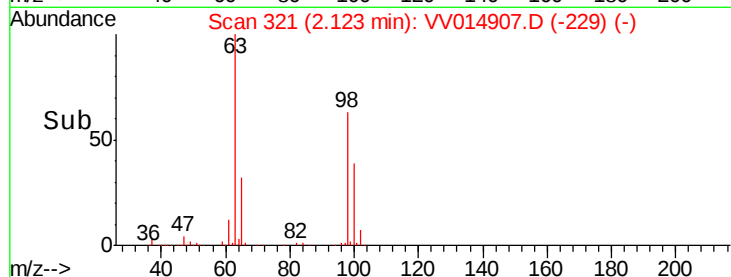
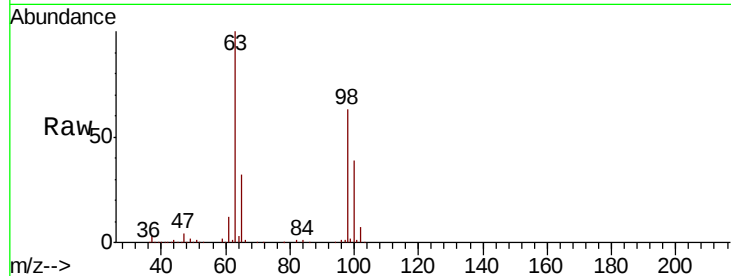
Tot Ion:101 Resp: 1350

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 3.0 66.4 99.6#



#25

Chloroform

Concen: 0.946 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VV014907.D

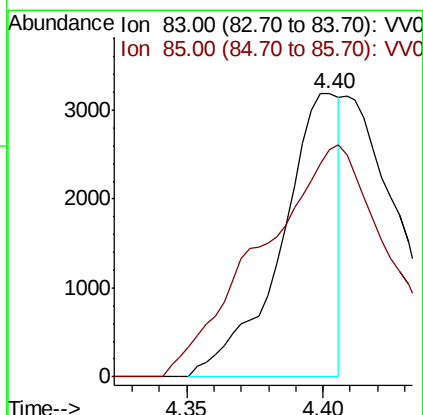
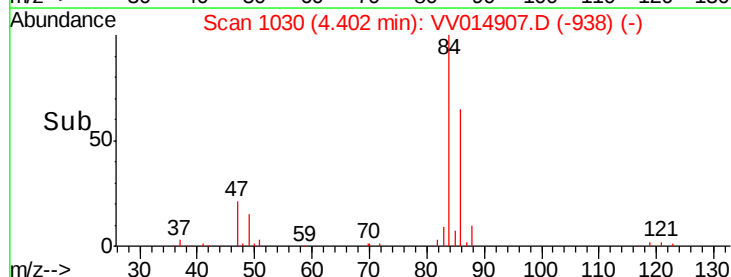
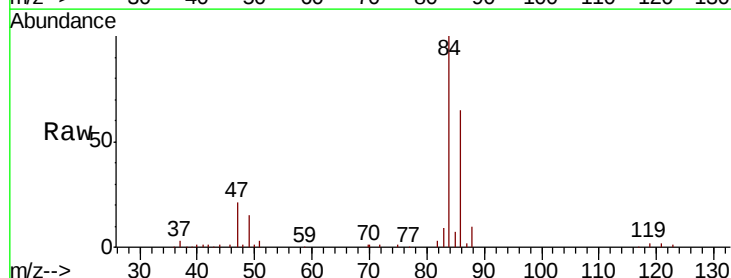
Acq: 13 Mar 2020 16:29

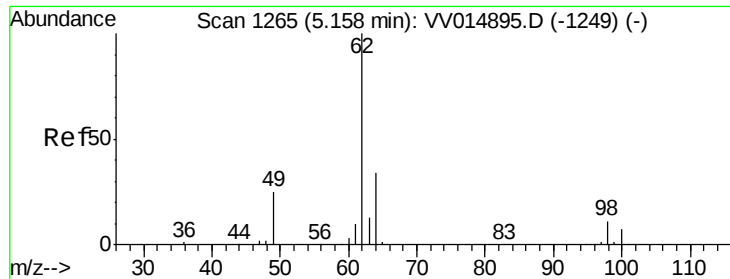
Tgt Ion: 83 Resp: 4711

Ion Ratio Lower Upper

83 100

85 80.1 45.1 83.9

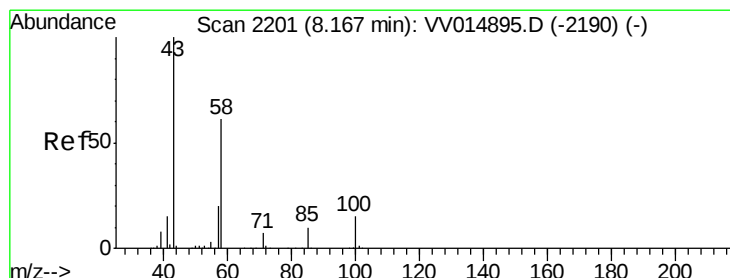
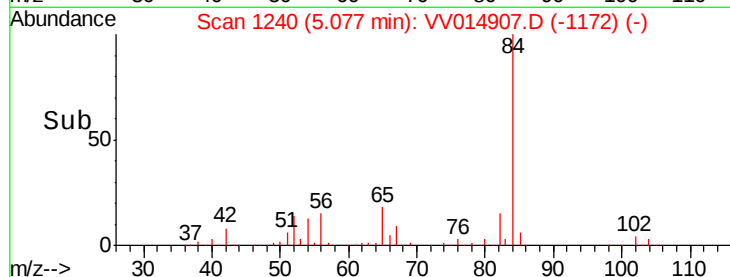
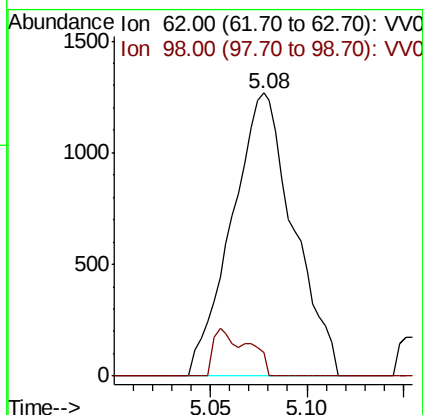
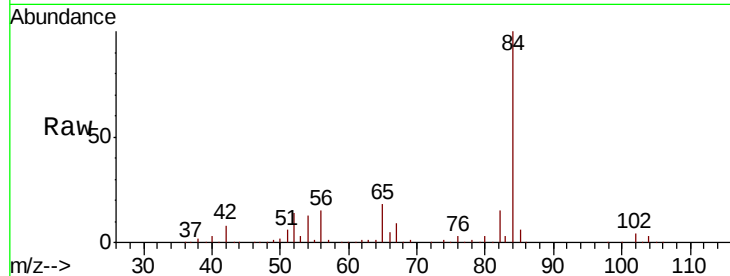




#27
 1,2-Dichloroethane
 Concen: 0.730 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
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Tot Ion: 62 Resp: 2816
 Ion Ratio Lower Upper
 62 100
 98 8.4 7.2 10.8



#48
 2-Hexanone
 Concen: 5.265 ug/L
 RT: 8.12 min Scan# 2187
 Delta R.T. -0.04 min
 Lab File: VV014907.D
 Acq: 13 Mar 2020 16:29

Tgt Ion: 43 Resp: 17127
 Ion Ratio Lower Upper
 43 100
 58 16.1 43.3 64.9#
 57 14.4 15.6 23.4#
 100 0.2 8.7 13.1#

