

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014875.D
 Acq On : 12 Mar 2020 18:14
 Operator : SY/MD
 Sample : L1884-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:12:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	369216	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167085	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104084	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.32%
7) Chloroethane-d5	1.58	69	84501	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.56%
11) 1,1-Dichloroethene-d2	2.12	63	135038	32.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.04%
21) 2-Butanone-d5	3.93	46	138616	74.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.38%
24) Chloroform-d	4.38	84	229649	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	5.06	65	152238	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
32) Benzene-d6	5.08	84	463057	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.10	67	144075	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.38%
41) Toluene-d8	7.34	98	432894	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%
43) trans-1,3-Dichloropropene-	7.64	79	63960	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.92%
47) 2-Hexanone-d5	8.12	63	145410	106.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.14%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	202653	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	11.65	152	172813	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%

Target Compounds

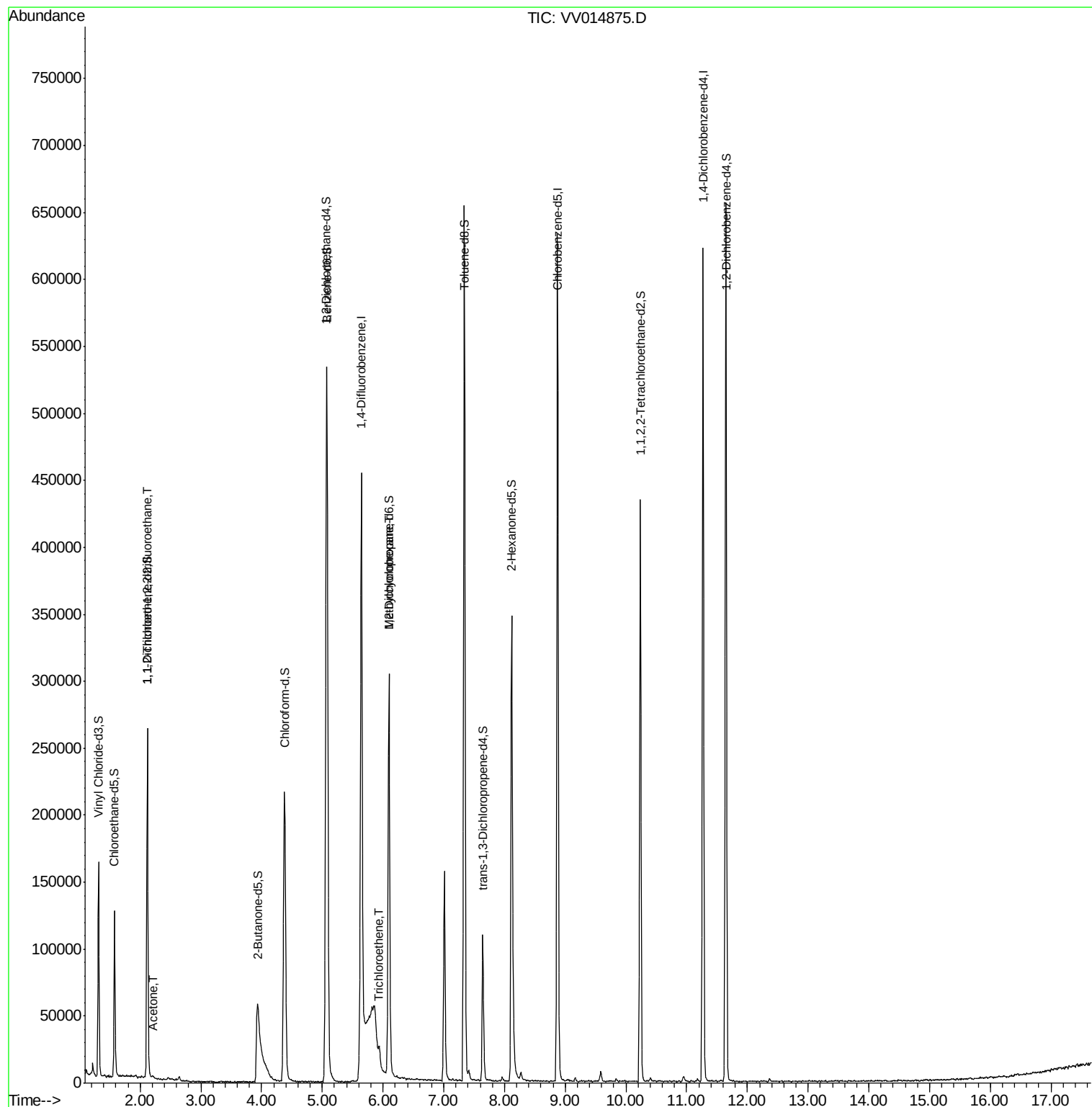
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1410	0.688 ug/L #	19
13) Acetone	2.21	43	3336	2.144 ug/L	70
34) Trichloroethene	5.94	95	3763	1.410 ug/L	99
35) Methylcyclohexane	6.09	83	34801	7.898 ug/L #	18

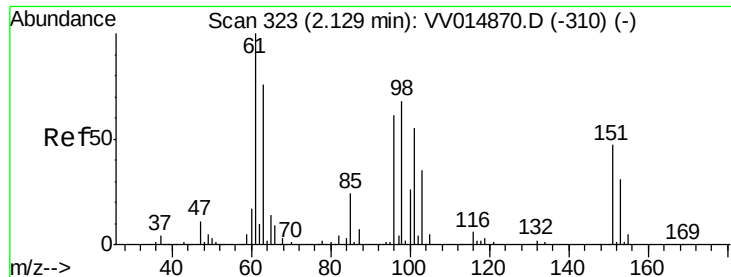
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.688 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014875.D

Acq: 12 Mar 2020 18:14

Instrument :

MSVOA_V

ClientSampleId :

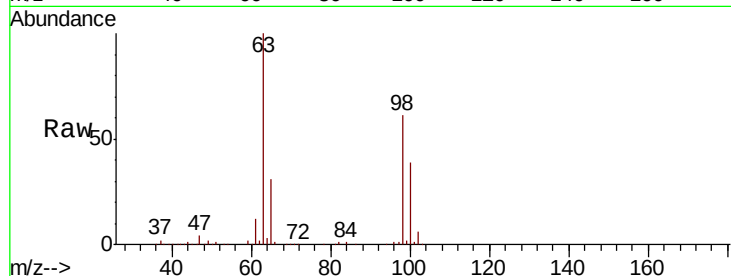
Tot Ion:101 Resp: 1410

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

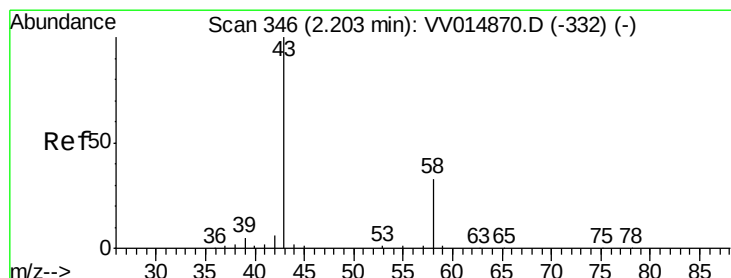
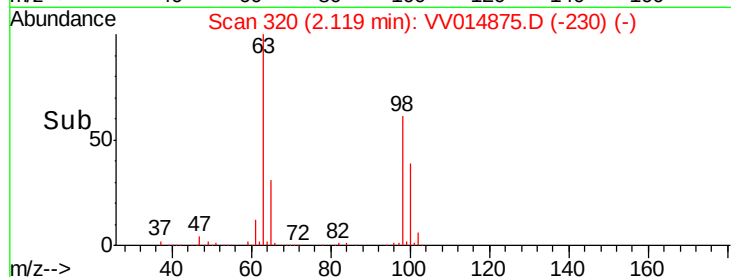
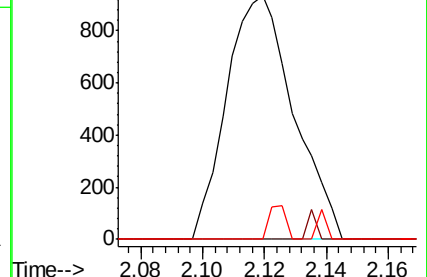
151 3.4 66.4 99.6#



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



#13

Acetone

Concen: 2.144 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.00 min

Lab File: VV014875.D

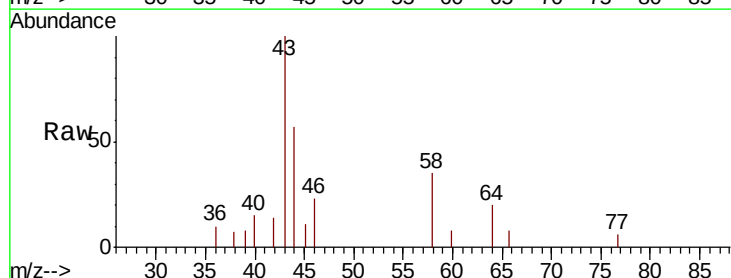
Acq: 12 Mar 2020 18:14

Tgt Ion: 43 Resp: 3336

Ion Ratio Lower Upper

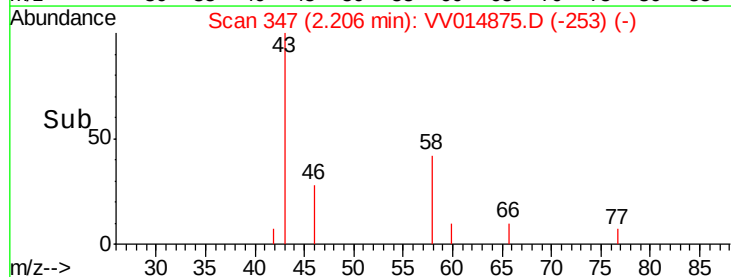
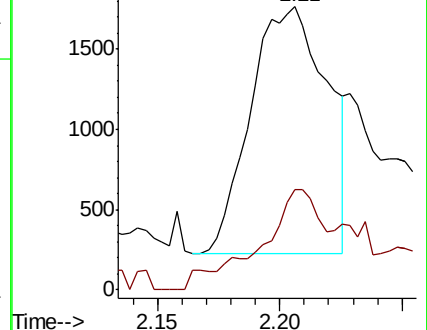
43 100

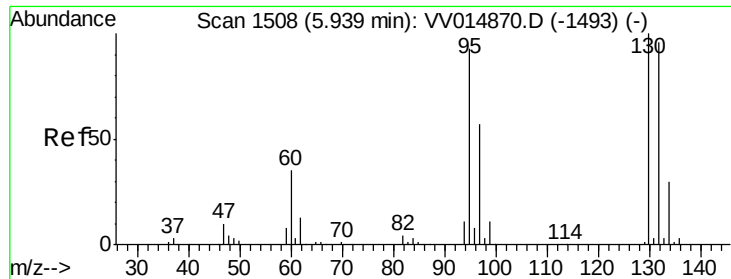
58 14.4 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

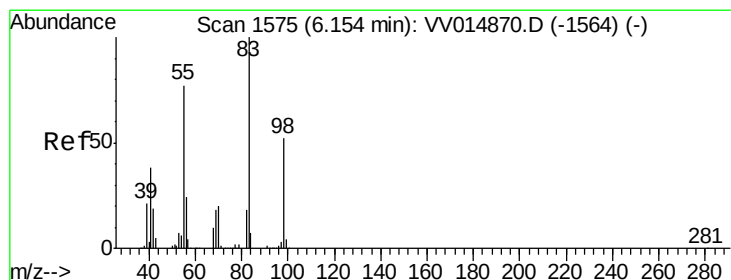
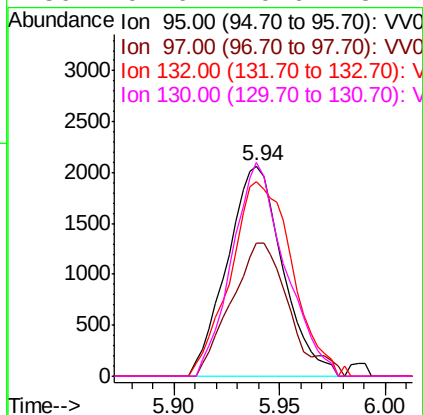
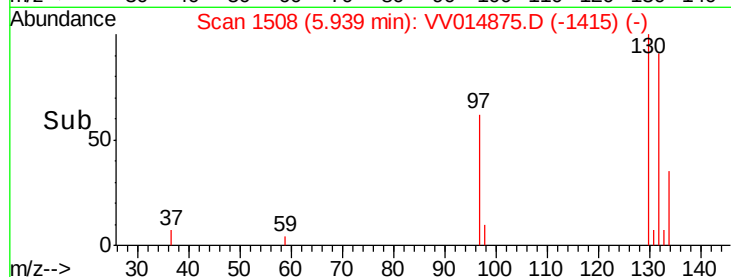
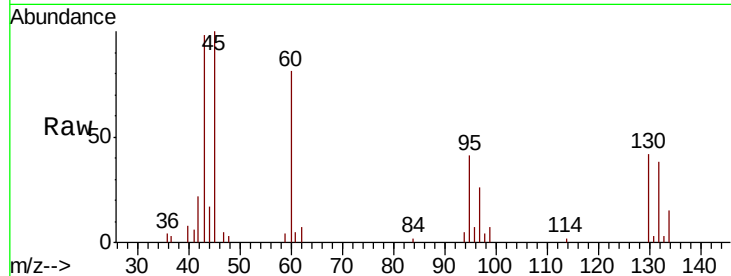




#34
 Trichloroethene
 Concen: 1.410 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV014875.D
 Acq: 12 Mar 2020 18:14

Instrument :
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Tot Ion: 95 Resp: 3763
 Ion Ratio Lower Upper
 95 100
 97 63.4 43.8 81.4
 132 92.5 65.8 122.2
 130 101.6 70.6 131.2



#35
 Methylcyclohexane
 Concen: 7.898 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV014875.D
 Acq: 12 Mar 2020 18:14

Tgt Ion: 83 Resp: 34801
 Ion Ratio Lower Upper
 83 100
 55 0.5 63.4 95.2#
 98 0.9 36.8 55.2#

