

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015205.D
 Acq On : 27 Mar 2020 11:47
 Operator : SY/MD
 Sample : L1976-05RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:39:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 28 01:31:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	655797	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	636558	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	267811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149790	42.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.14%
7) Chloroethane-d5	1.58	69	145483	41.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.04%
11) 1,1-Dichloroethene-d2	2.12	63	233353	29.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.16%#
21) 2-Butanone-d5	3.94	46	221834	63.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	63.32%
24) Chloroform-d	4.38	84	289384	37.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.06%
26) 1,2-Dichloroethane-d4	5.06	65	194466	38.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.40%
32) Benzene-d6	5.08	84	560757	42.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.66%
36) 1,2-Dichloropropane-d6	6.10	67	187221	39.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.28%
41) Toluene-d8	7.34	98	510743	43.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.08%
43) trans-1,3-Dichloropropene-	7.64	79	95358	37.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.14%
47) 2-Hexanone-d5	8.12	63	171727	62.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	62.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	270104	33.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	67.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	196360	39.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.54%#

Target Compounds

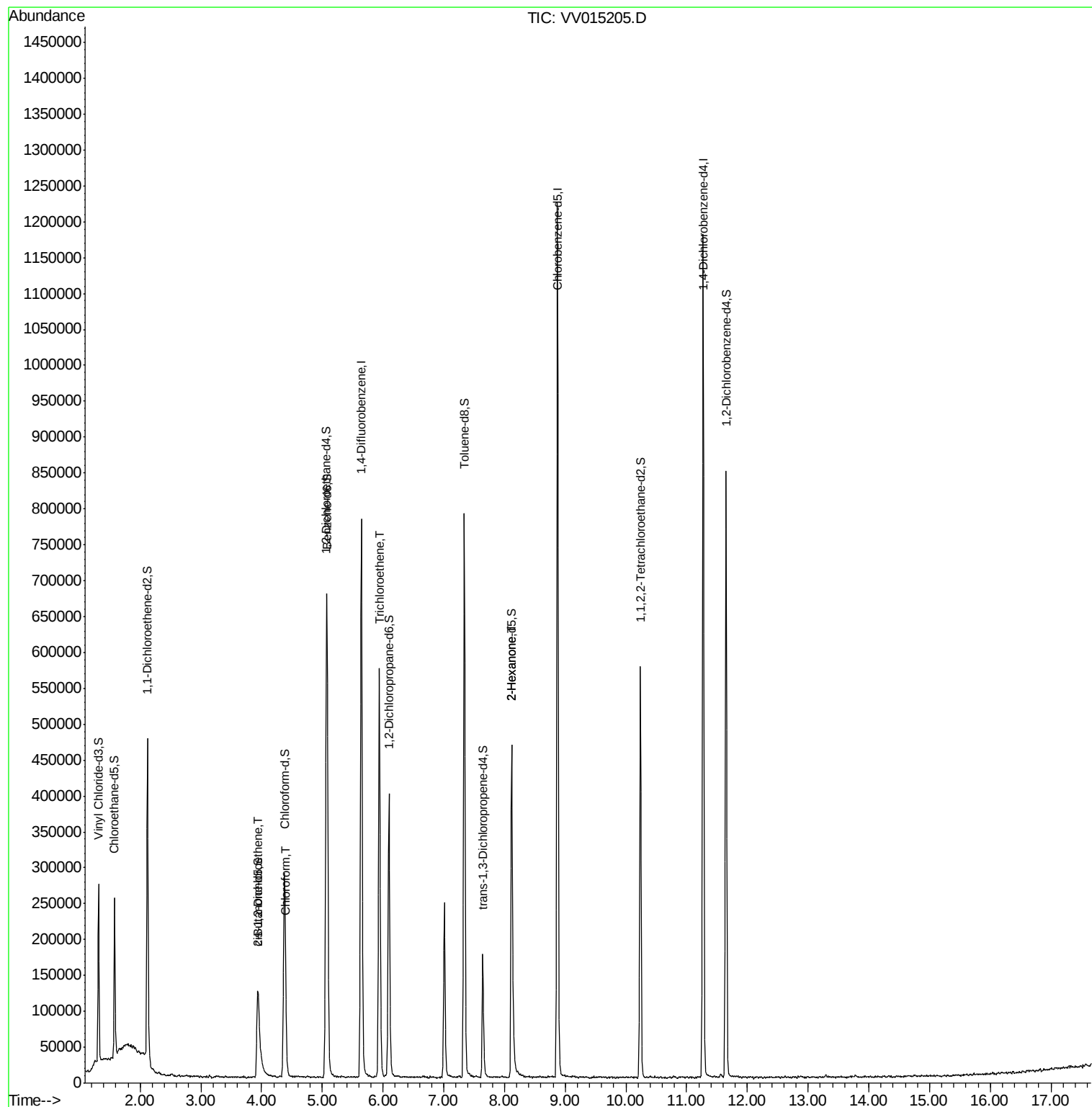
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	14364	2.805 ug/L #	94
25) Chloroform	4.41	83	10479	1.198 ug/L	97
34) Trichloroethene	5.94	95	199675	40.446 ug/L	98
48) 2-Hexanone	8.12	43	20010	3.468 ug/L #	88

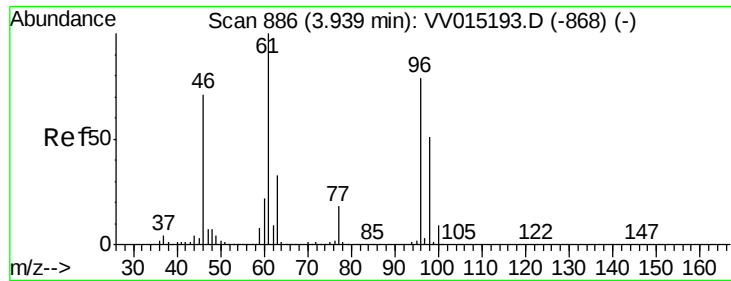
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Mar 28 01:31:46 2020
Response via : Initial Calibration

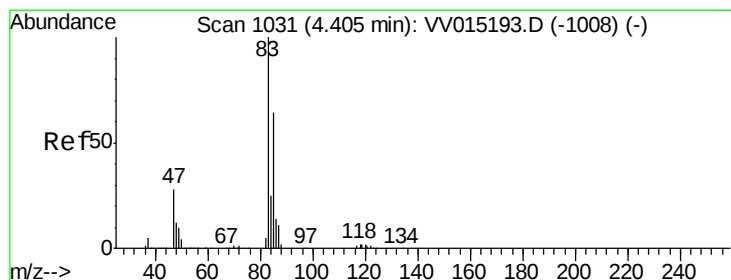
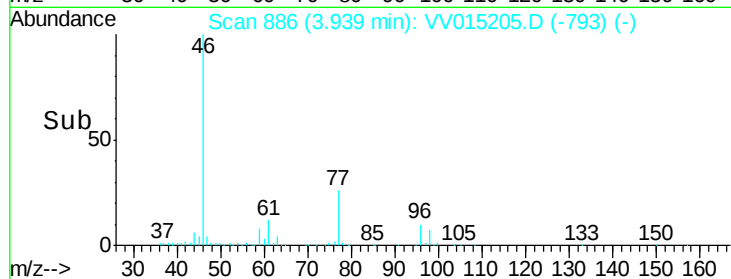
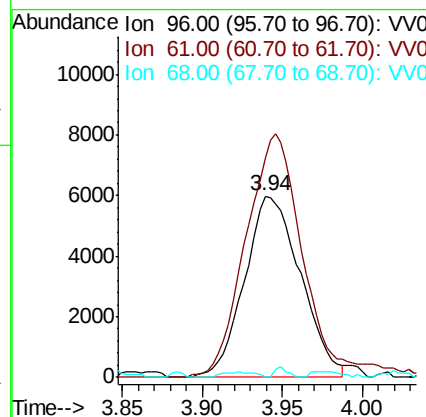
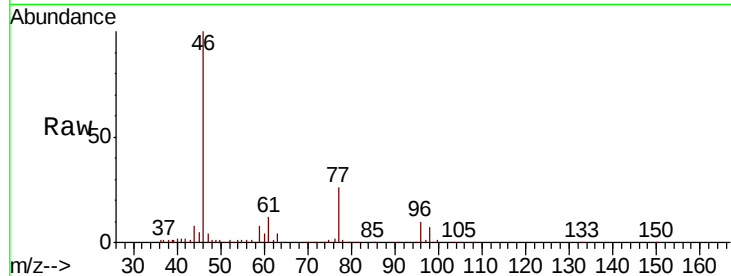




#20
 cis-1,2-Dichloroethene
 Concen: 2.805 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV015205.D
 Acq: 27 Mar 2020 11:47

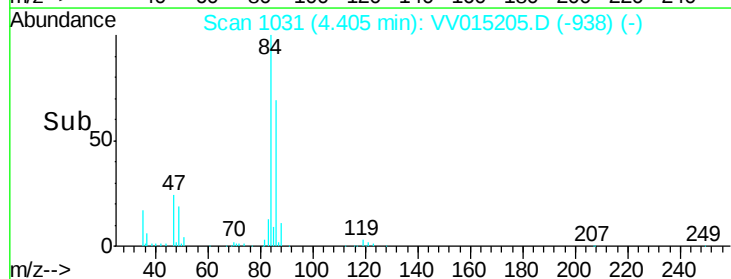
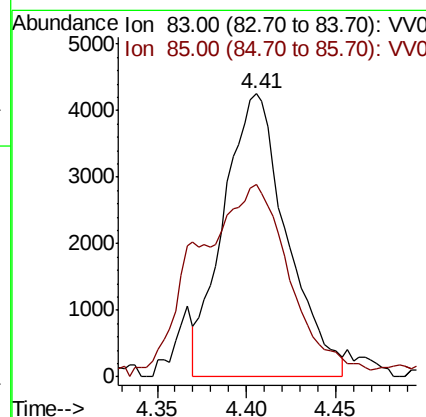
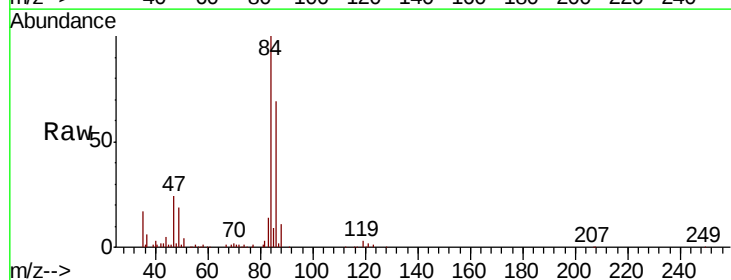
Instrument :
 MSVOA_V
 ClientSampled :

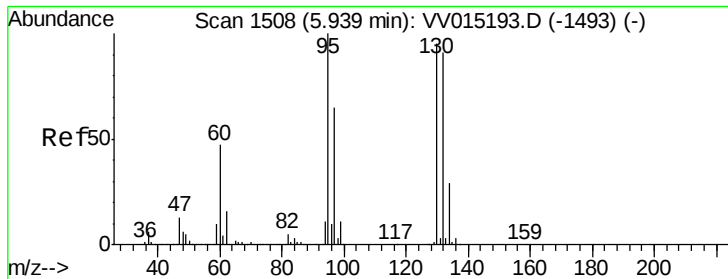
Tot Ion: 96 Resp: 14364
 Ion Ratio Lower Upper
 96 100
 61 121.4 90.2 167.4
 68 0.0 0.1 0.3#



#25
 Chloroform
 Concen: 1.198 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VV015205.D
 Acq: 27 Mar 2020 11:47

Tgt Ion: 83 Resp: 10479
 Ion Ratio Lower Upper
 83 100
 85 68.1 46.2 85.8





#34

Trichloroethene

Concen: 40.446 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV015205.D

Acq: 27 Mar 2020 11:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 199675

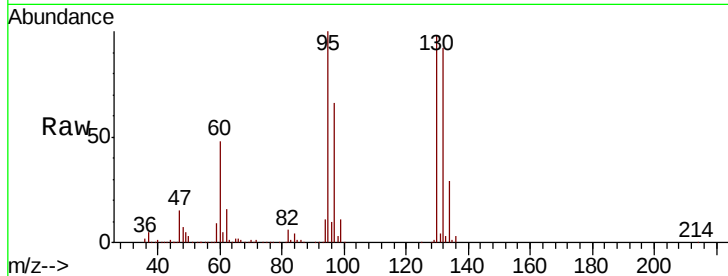
Ion Ratio Lower Upper

95 100

97 66.2 44.8 83.2

132 91.7 63.2 117.4

130 97.6 66.8 124.0

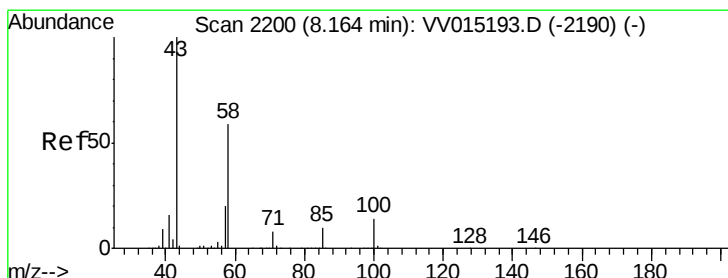
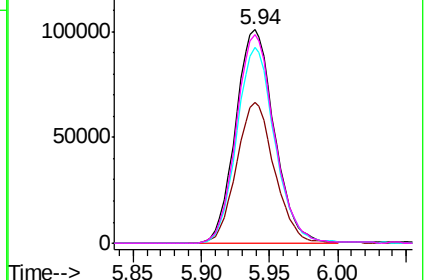
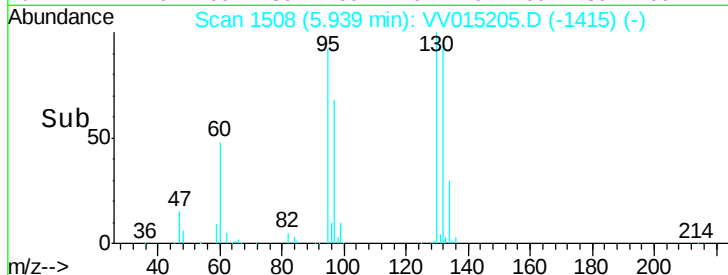


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#48

2-Hexanone

Concen: 3.468 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV015205.D

Acq: 27 Mar 2020 11:47

Tgt Ion: 43 Resp: 20010

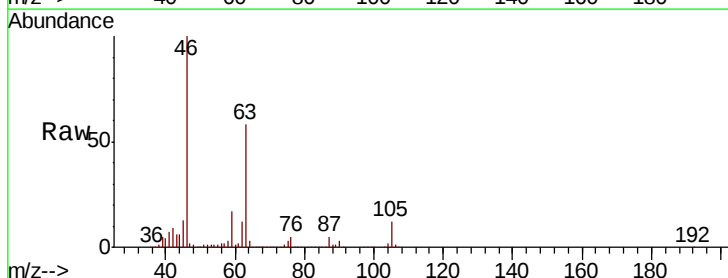
Ion Ratio Lower Upper

43 100

58 49.7 44.3 66.5

57 22.9 15.4 23.0

100 0.2 10.4 15.6#



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

