

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015188.D
 Acq On : 27 Mar 2020 00:38
 Operator : SY/MD
 Sample : L1976-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 03:41:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	574010	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	546543	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	229910	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149349	48.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.98%
7) Chloroethane-d5	1.58	69	147237	47.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.84%
11) 1,1-Dichloroethene-d2	2.12	63	226675	32.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.56%
21) 2-Butanone-d5	3.94	46	263849	86.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.04%
24) Chloroform-d	4.38	84	302613	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.06	65	211491	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.94%
32) Benzene-d6	5.08	84	597367	53.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.28%
36) 1,2-Dichloropropane-d6	6.09	67	200190	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.74%
41) Toluene-d8	7.34	98	544459	53.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.88%
43) trans-1,3-Dichloropropene-	7.64	79	72724	32.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.86%
47) 2-Hexanone-d5	8.12	63	198942	83.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	303006	44.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	203050	47.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

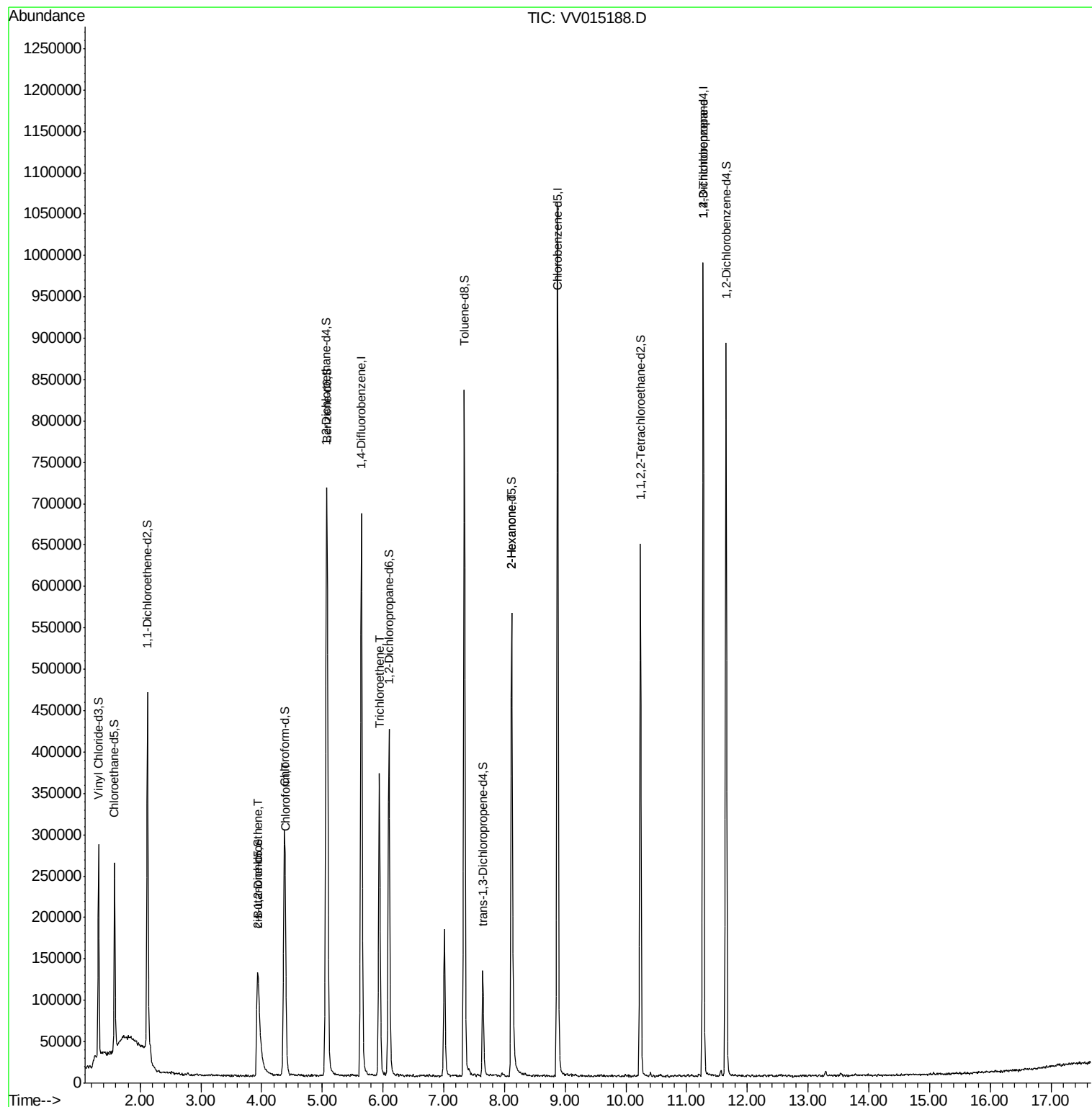
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	6922	1.544 ug/L #	92
25) Chloroform	4.40	83	10979	1.434 ug/L	97
34) Trichloroethene	5.94	95	125491	29.606 ug/L	99
48) 2-Hexanone	8.12	43	26791	5.408 ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	33130	5.995 ug/L	92

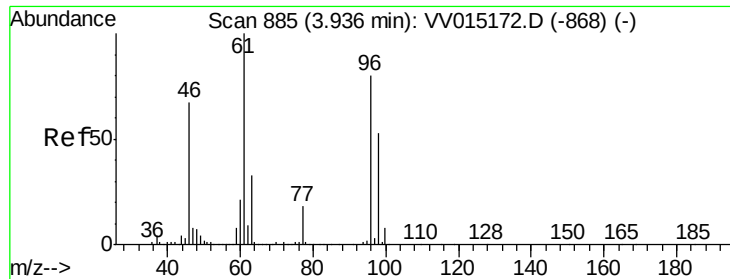
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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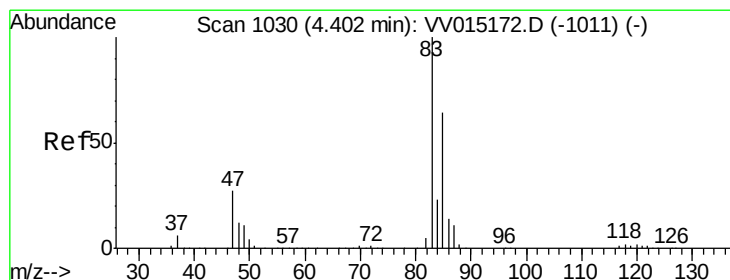
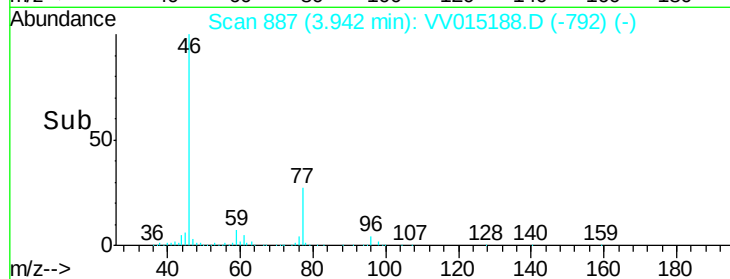
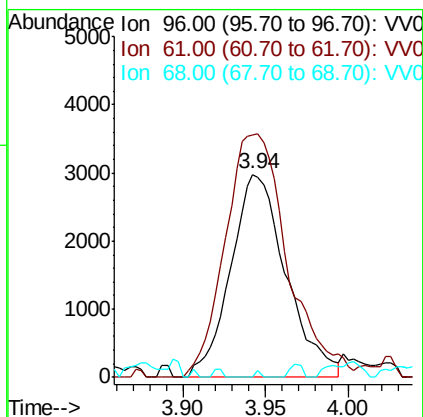
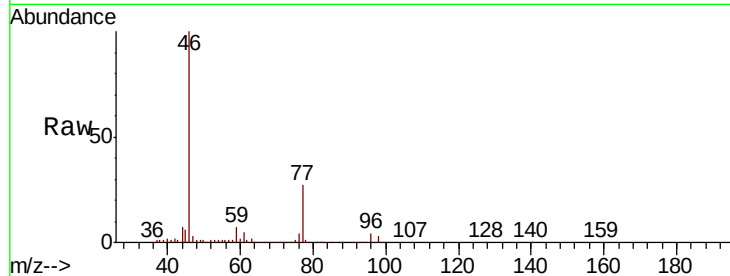




#20
 cis-1,2-Dichloroethene
 Concen: 1.544 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015188.D
 Acq: 27 Mar 2020 00:38

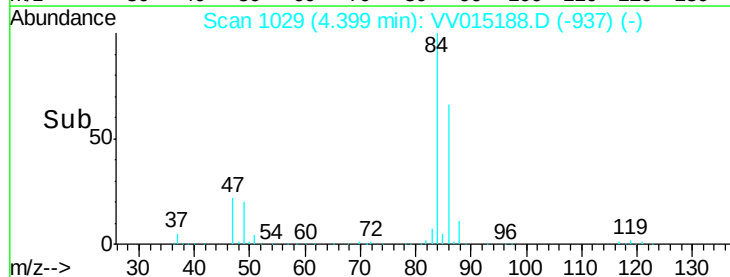
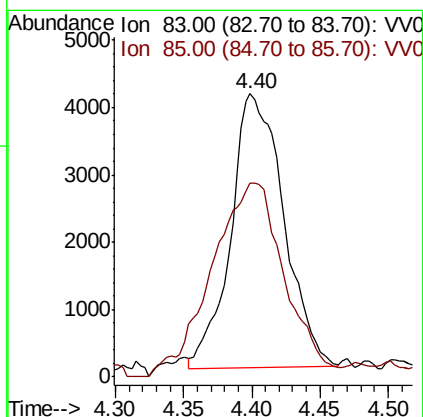
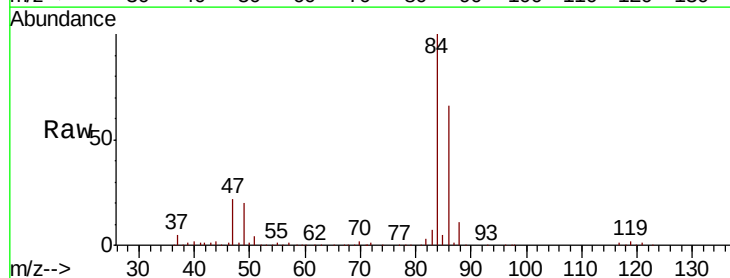
Instrument :
 MSVOA_V
 ClientSampleId :

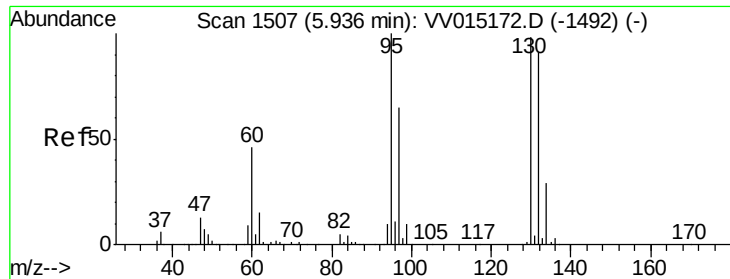
Tot Ion: 96 Resp: 6922
 Ion Ratio Lower Upper
 96 100
 61 119.5 90.2 167.4
 68 0.0 0.1 0.3#



#25
 Chloroform
 Concen: 1.434 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV015188.D
 Acq: 27 Mar 2020 00:38

Tgt Ion: 83 Resp: 10979
 Ion Ratio Lower Upper
 83 100
 85 68.4 46.2 85.8





#34

Trichloroethene

Concen: 29.606 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015188.D

Acq: 27 Mar 2020 00:38

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 125491

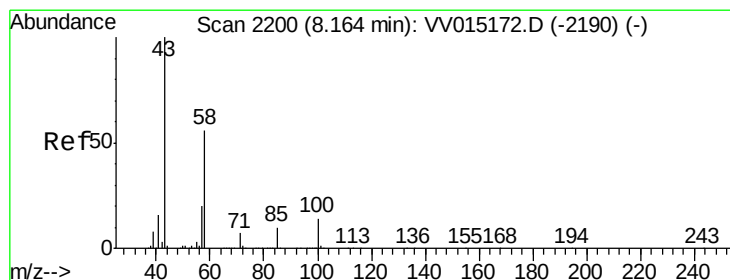
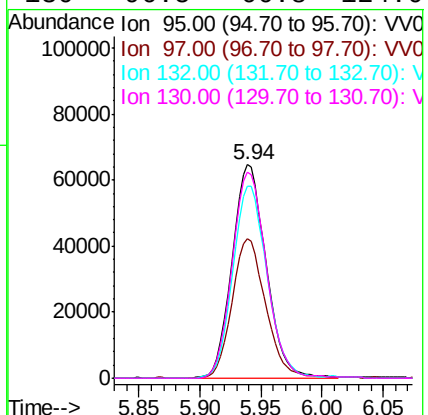
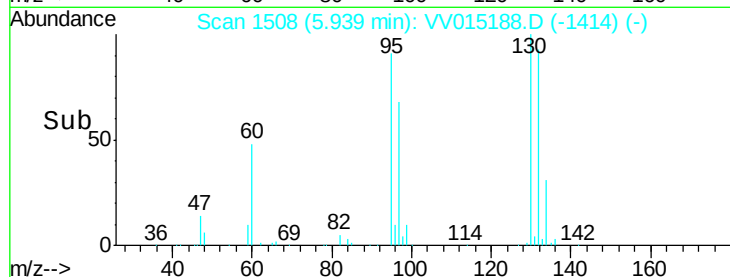
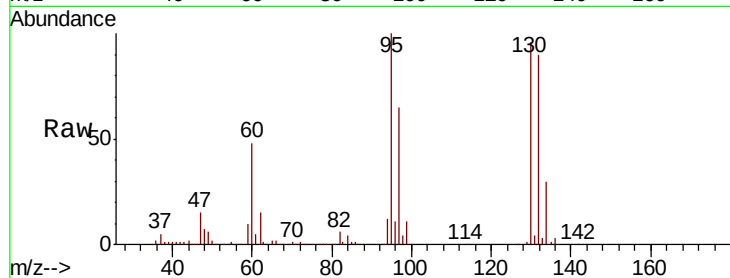
Ion Ratio Lower Upper

95 100

97 65.5 44.8 83.2

132 90.1 63.2 117.4

130 96.5 66.8 124.0



#48

2-Hexanone

Concen: 5.408 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV015188.D

Acq: 27 Mar 2020 00:38

Tgt Ion: 43 Resp: 26791

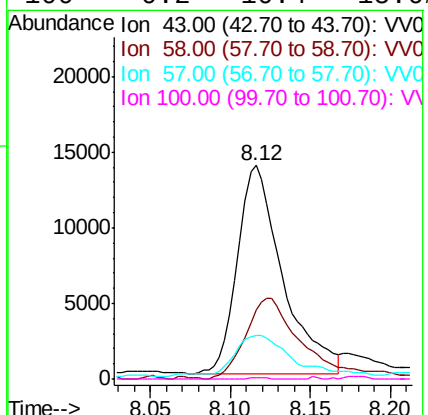
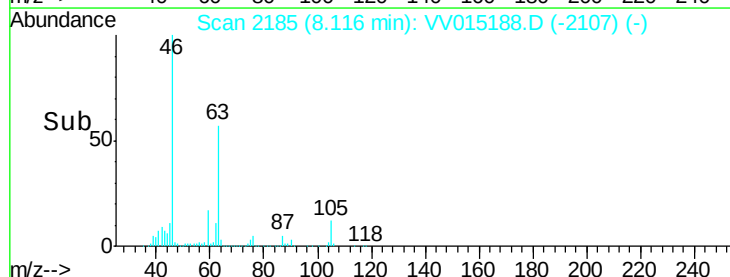
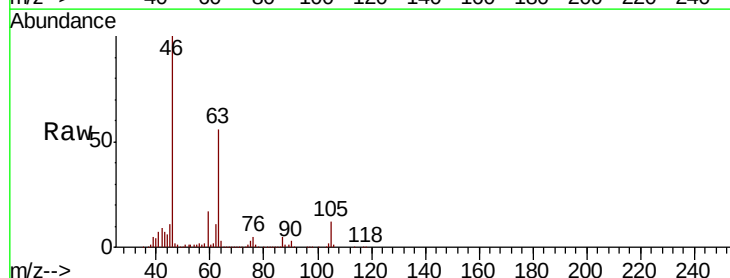
Ion Ratio Lower Upper

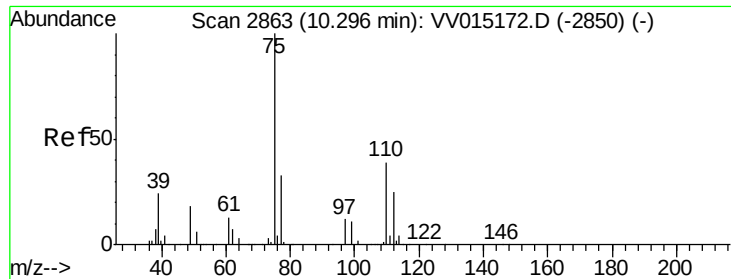
43 100

58 48.0 44.3 66.5

57 19.8 15.4 23.0

100 0.2 10.4 15.6#





#59

1,2,3-Trichloropropane

Concen: 5.995 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV015188.D

Acq: 27 Mar 2020 00:38

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 33130

Ion Ratio Lower Upper

75 100

77 36.5 25.5 38.3

