

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015206.D
 Acq On : 27 Mar 2020 12:11
 Operator : SY/MD
 Sample : L1976-14RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 28 01:39:41 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	666948	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	635502	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	270052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152157	42.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.04%
7) Chloroethane-d5	1.58	69	143877	39.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.76%
11) 1,1-Dichloroethene-d2	2.12	63	235334	28.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.68%#
21) 2-Butanone-d5	3.94	46	217277	60.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.98%
24) Chloroform-d	4.38	84	285974	36.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.92%
26) 1,2-Dichloroethane-d4	5.06	65	194247	37.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.04%
32) Benzene-d6	5.08	84	554051	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
36) 1,2-Dichloropropane-d6	6.10	67	181445	38.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.96%
41) Toluene-d8	7.34	98	509384	43.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.64	79	92899	36.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.34%
47) 2-Hexanone-d5	8.12	63	171898	62.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	62.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	268957	33.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	67.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	195466	38.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.54%#

Target Compounds

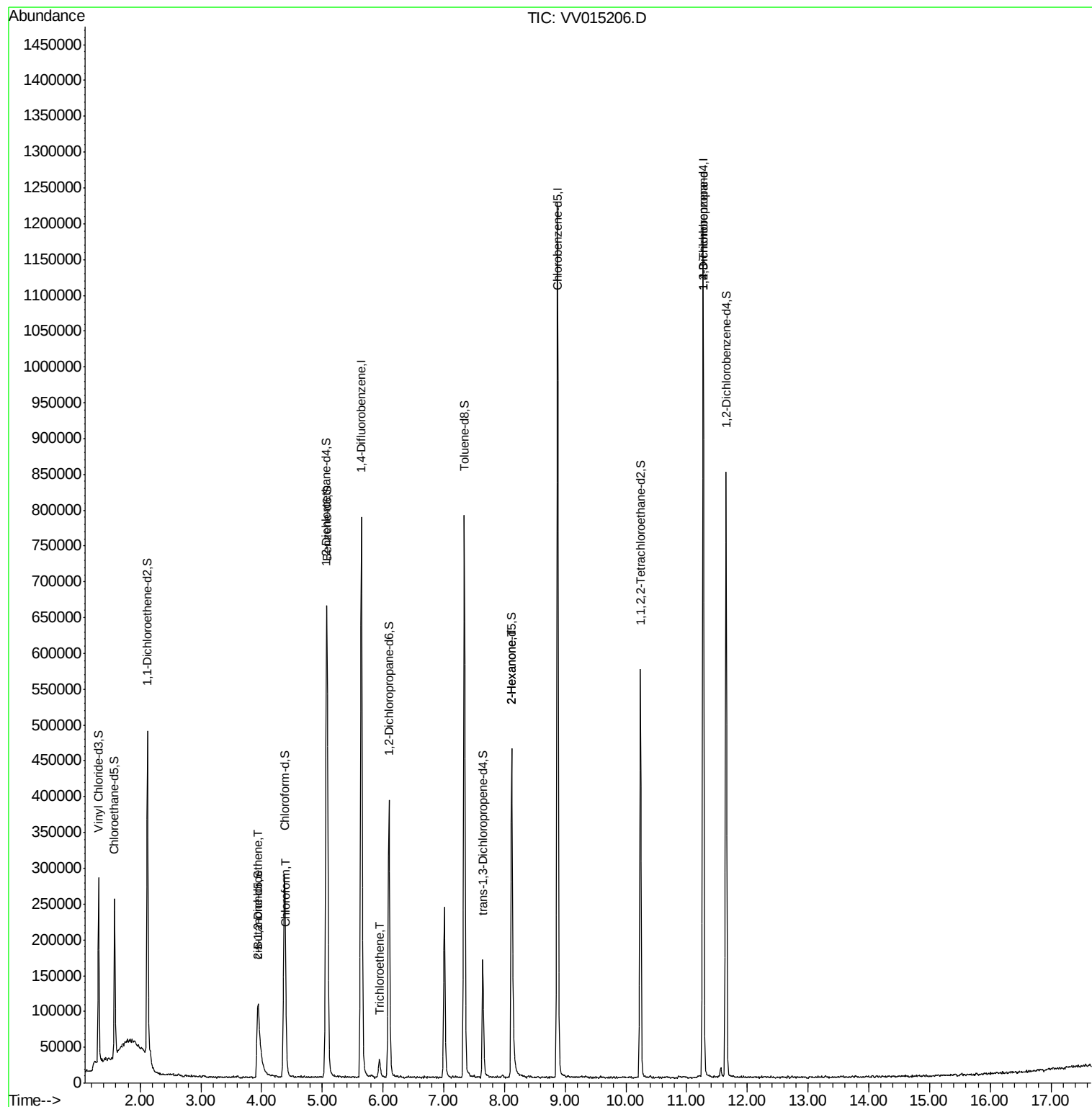
					Ovalue
20) cis-1,2-Dichloroethene	3.94	96	7449	1.430 ug/L #	97
25) Chloroform	4.41	83	9977	1.122 ug/L	92
34) Trichloroethene	5.94	95	7234	1.468 ug/L	92
48) 2-Hexanone	8.12	43	20467	3.553 ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	38799	6.038 ug/L	90

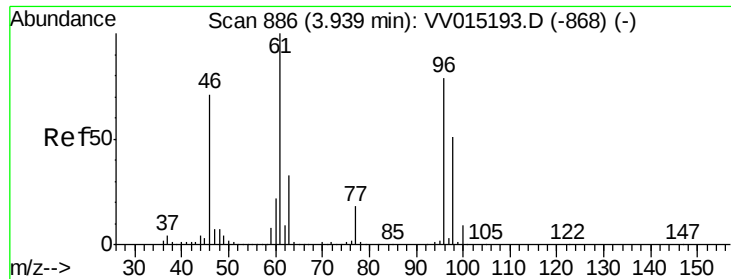
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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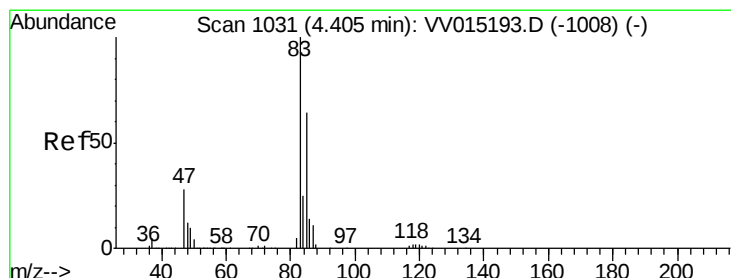
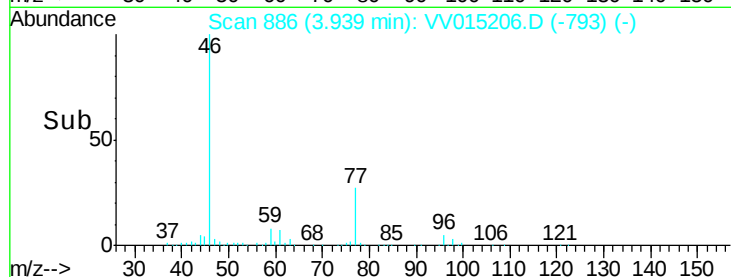
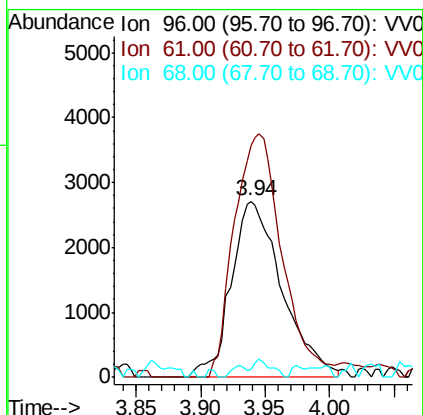
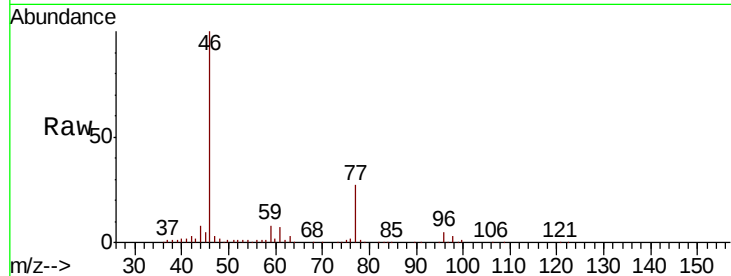




#20
 cis-1,2-Dichloroethene
 Concen: 1.430 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV015206.D
 Acq: 27 Mar 2020 12:11

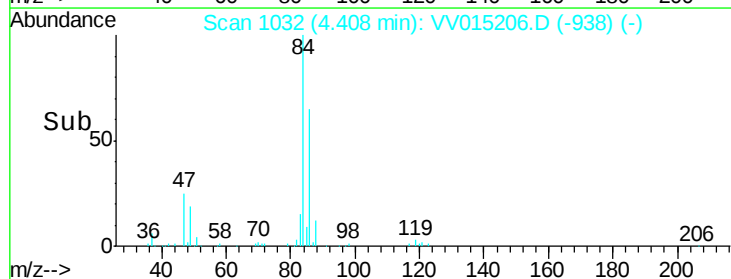
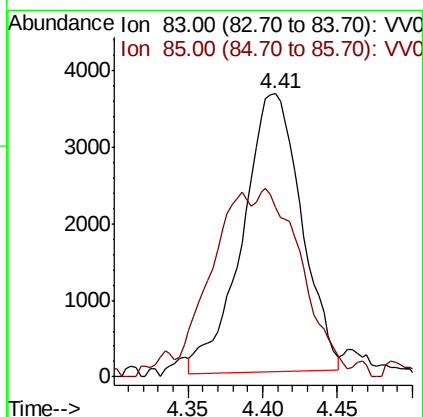
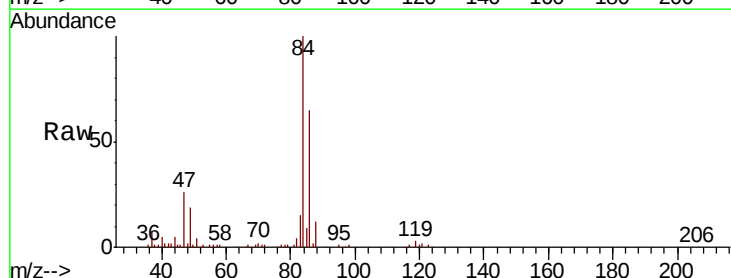
Instrument :
 MSVOA_V
 ClientSampled :

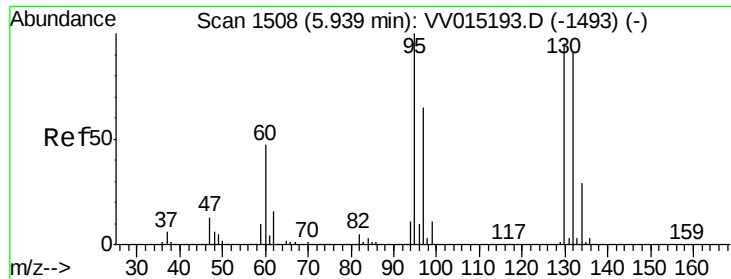
Tot Ion: 96 Resp: 7449
 Ion Ratio Lower Upper
 96 100
 61 131.7 90.2 167.4
 68 4.6 0.1 0.3#



#25
 Chloroform
 Concen: 1.122 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: VV015206.D
 Acq: 27 Mar 2020 12:11

Tgt Ion: 83 Resp: 9977
 Ion Ratio Lower Upper
 83 100
 85 59.8 46.2 85.8



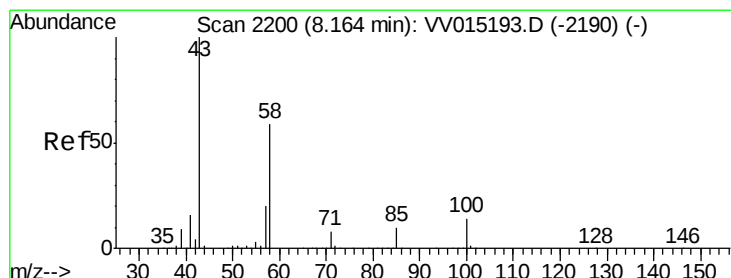
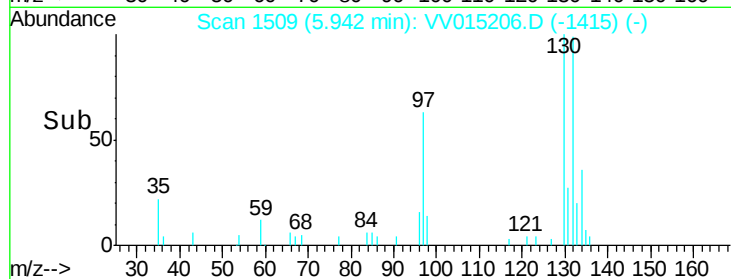
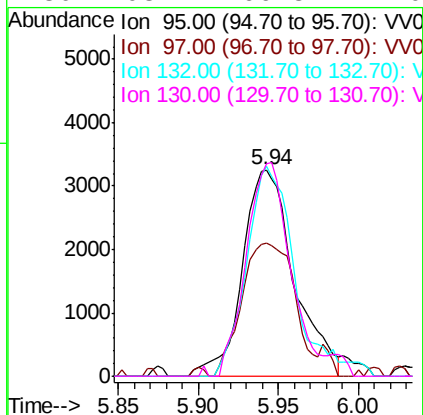
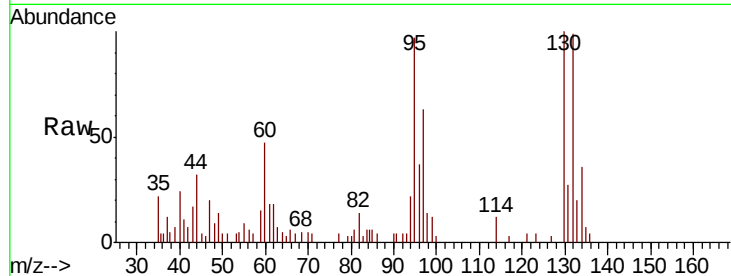


#34
 Trichloroethene
 Concen: 1.468 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VV015206.D
 Acq: 27 Mar 2020 12:11

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 7234

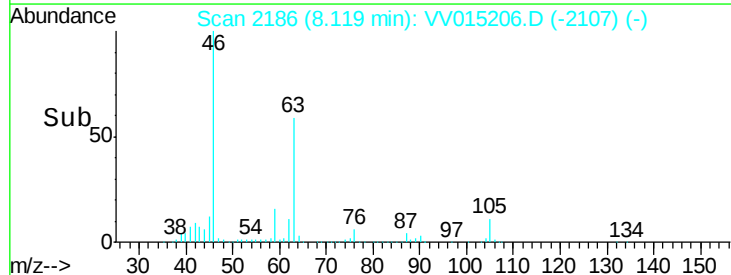
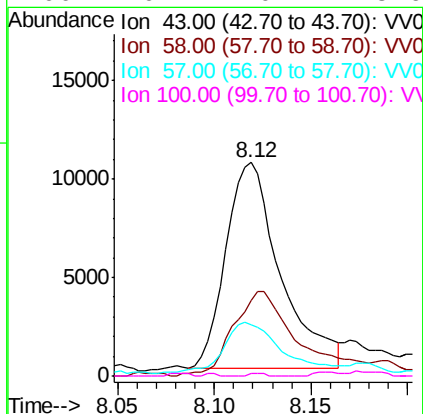
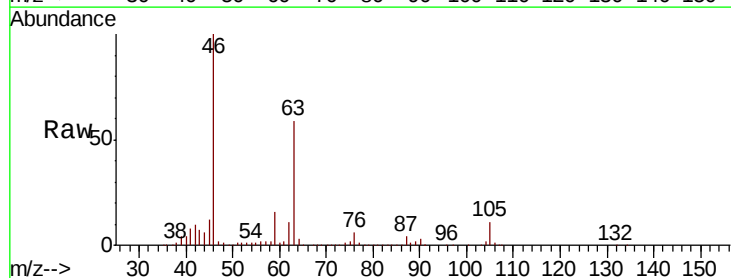
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.8	83.2
132	101.8	63.2	117.4
130	103.1	66.8	124.0

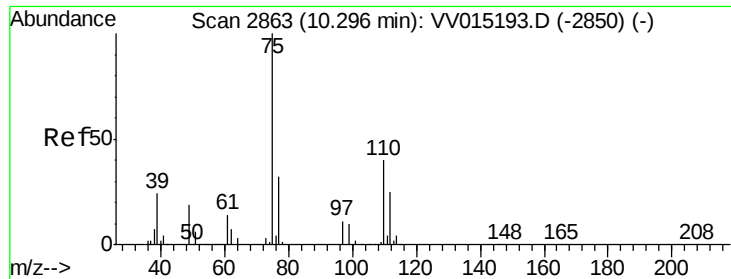


#48
 2-Hexanone
 Concen: 3.553 ug/L
 RT: 8.12 min Scan# 2186
 Delta R.T. -0.05 min
 Lab File: VV015206.D
 Acq: 27 Mar 2020 12:11

Tgt Ion: 43 Resp: 20467

Ion	Ratio	Lower	Upper
43	100		
58	49.3	44.3	66.5
57	25.4	15.4	23.0#
100	0.4	10.4	15.6#





#59

1,2,3-Trichloropropane

Concen: 6.038 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV015206.D

Acq: 27 Mar 2020 12:11

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 38799

Ion Ratio Lower Upper

75 100

77 37.3 25.5 38.3

