

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015344.D
 Acq On : 01 Apr 2020 21:03
 Operator : SY/MD
 Sample : L2003-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 03:30:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 03:22:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	720859	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	684567	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	311601	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	176843	27.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.72%#
7) Chloroethane-d5	1.58	69	172552	31.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.50%#
11) 1,1-Dichloroethene-d2	2.03	63	280	0.02	ug/L	-0.09
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	3.93	46	302011	87.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.91%
24) Chloroform-d	4.38	84	388588	36.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.84%
26) 1,2-Dichloroethane-d4	5.06	65	251947	37.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.80%
32) Benzene-d6	5.08	84	789770	37.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.92%
36) 1,2-Dichloropropane-d6	6.09	67	243747	39.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.42%
41) Toluene-d8	7.34	98	752250	37.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.62%#
43) trans-1,3-Dichloropropene-	7.64	79	115137	33.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.04%
47) 2-Hexanone-d5	8.12	63	229410	80.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	364009	41.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	294827	41.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.18%

Target Compounds

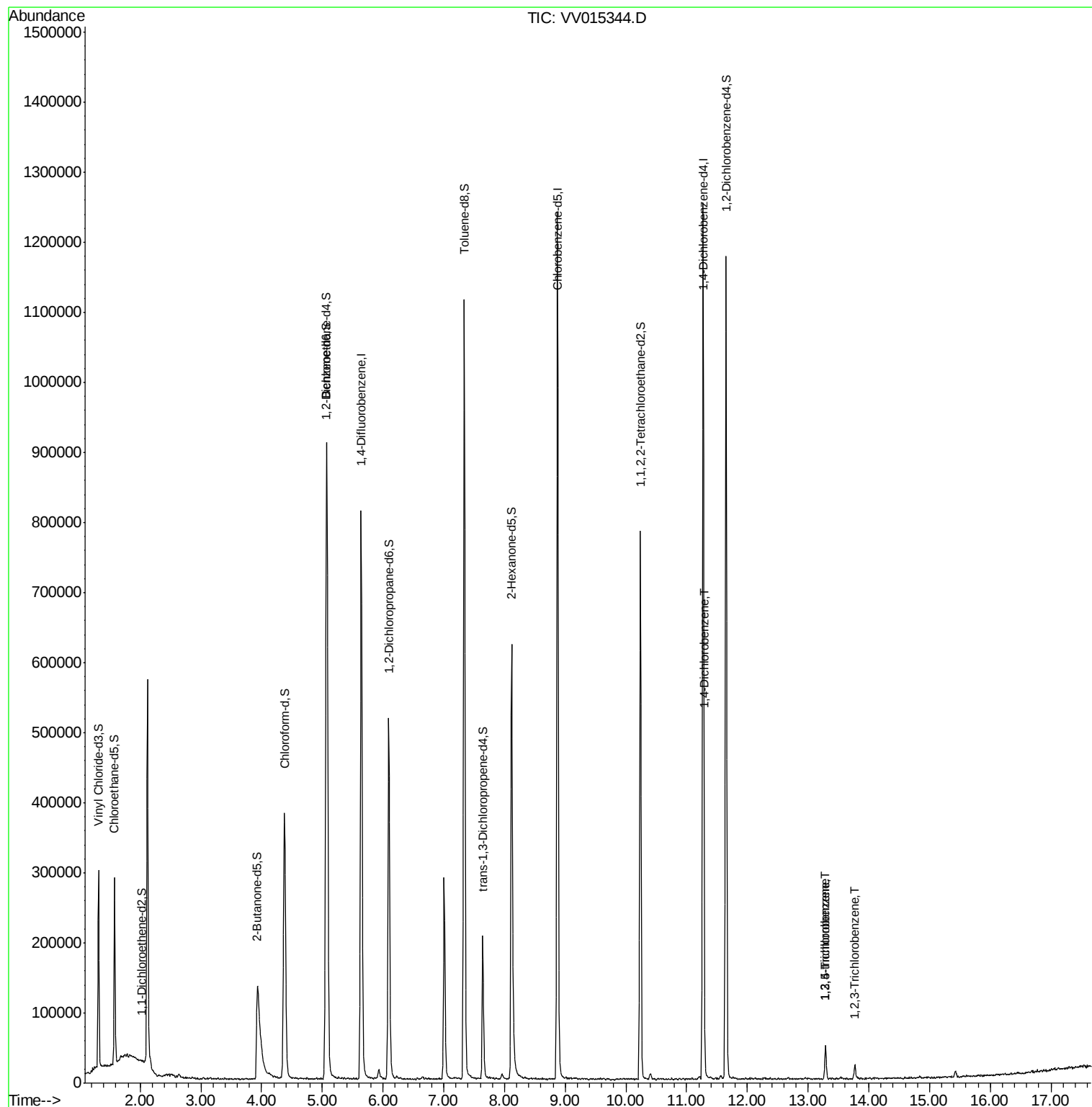
					Ovalue
63) 1,4-Dichlorobenzene	11.30	146	6542	0.615 ug/L	87
67) 1,3,5-Trichlorobenzene	13.29	180	13757	1.979 ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	13757	2.166 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	5966	0.912 ug/L	96

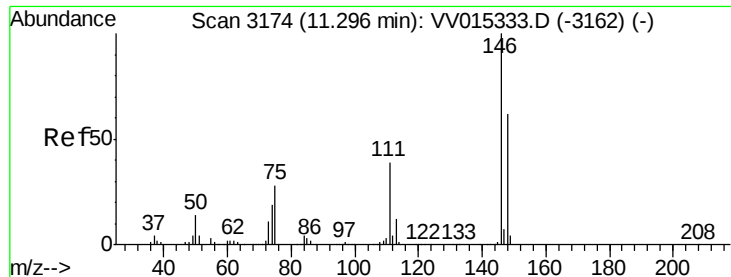
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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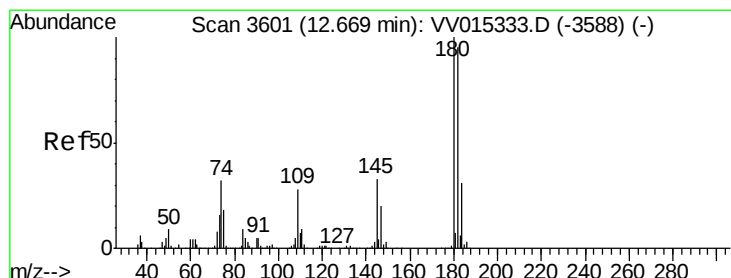
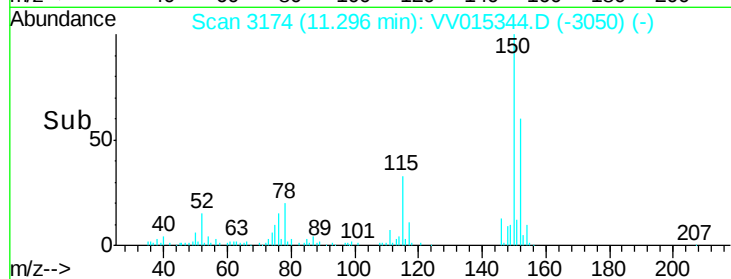
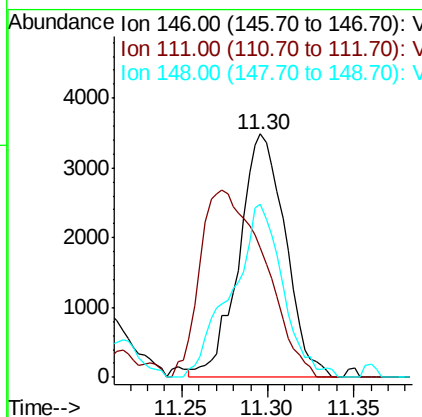
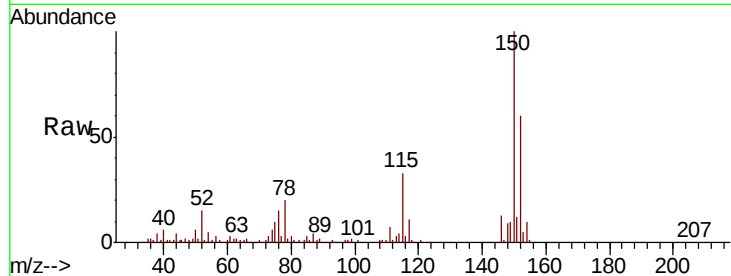




#63
 1,4-Dichlorobenzene
 Concen: 0.615 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015344.D
 Acq: 01 Apr 2020 21:03

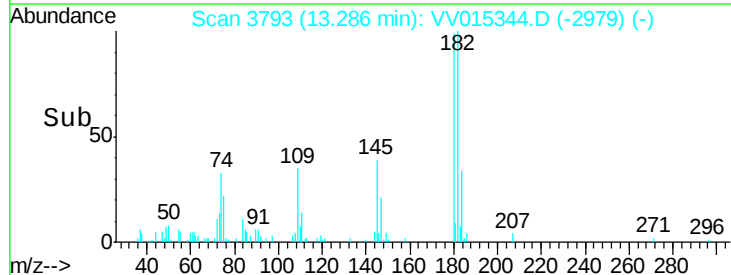
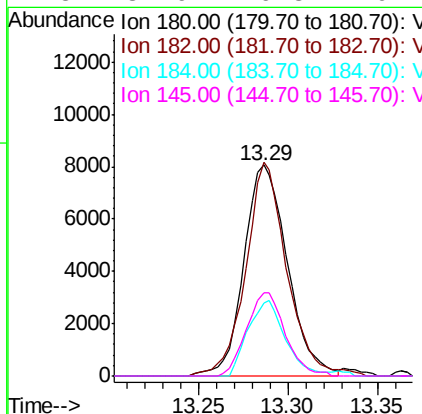
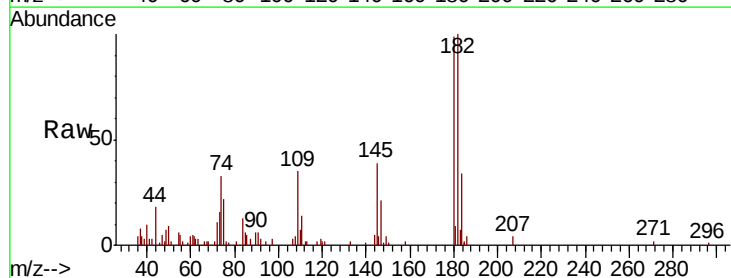
Instrument :
 MSVOA_V
 ClientSampleId :

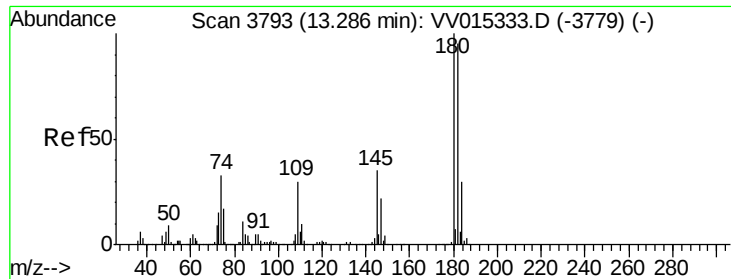
Tot Ion:146 Resp: 6542
 Ion Ratio Lower Upper
 146 100
 111 53.2 29.3 54.5
 148 71.2 44.7 82.9



#67
 1,3,5-Trichlorobenzene
 Concen: 1.979 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV015344.D
 Acq: 01 Apr 2020 21:03

Tgt Ion:180 Resp: 13757
 Ion Ratio Lower Upper
 180 100
 182 95.9 74.7 112.1
 184 30.7 23.7 35.5
 145 34.9 26.8 40.2

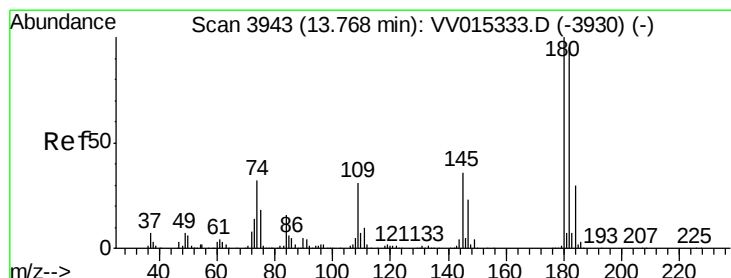
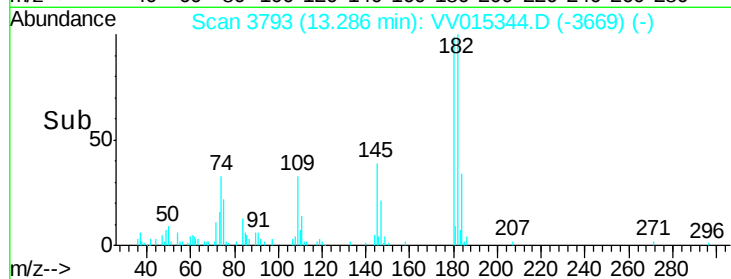
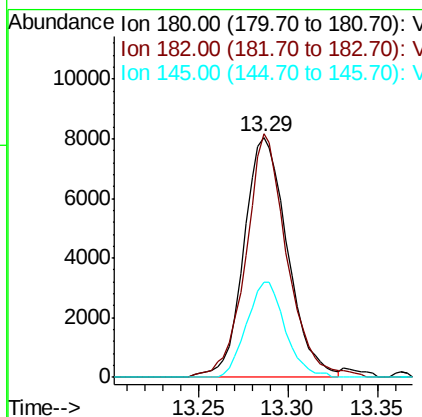
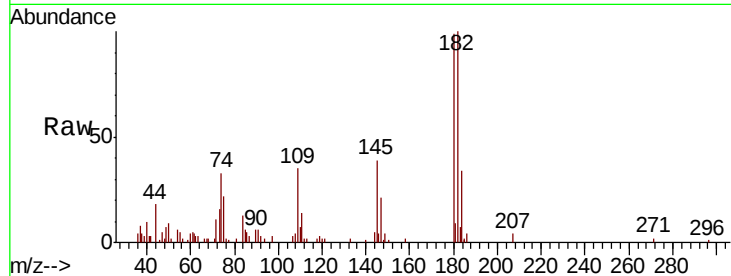




#68
 1,2,4-trichlorobenzene
 Concen: 2.166 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015344.D
 Acq: 01 Apr 2020 21:03

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.8
145	34.9	27.7	41.5



#70
 1,2,3-Trichlorobenzene
 Concen: 0.912 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015344.D
 Acq: 01 Apr 2020 21:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	76.1	114.1
145	37.7	28.2	42.4

