

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019742.D
 Acq On : 19 Dec 2020 17:01
 Operator : SY/MD
 Sample : VIBLK66
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK66

Quant Time: Dec 21 03:41:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	695830	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	648153	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	307199	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	196350	39.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.70%
7) Chloroethane-d5	1.57	69	170611	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.70%
11) 1,1-Dichloroethene-d2	2.11	63	287201	31.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.02%
21) 2-Butanone-d5	3.89	46	347688	128.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.20%
24) Chloroform-d	4.35	84	398330	44.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.04	65	280204	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
32) Benzene-d6	5.05	84	772491	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.07	67	258603	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.52%
41) Toluene-d8	7.32	98	655366	42.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.22%
43) trans-1,3-Dichloropropene-	7.63	79	120118	39.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.00%
47) 2-Hexanone-d5	8.09	63	222381	104.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.64%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	333208	45.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.98%
64) 1,2-Dichlorobenzene-d4	11.63	152	250536	43.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.26%

Target Compounds

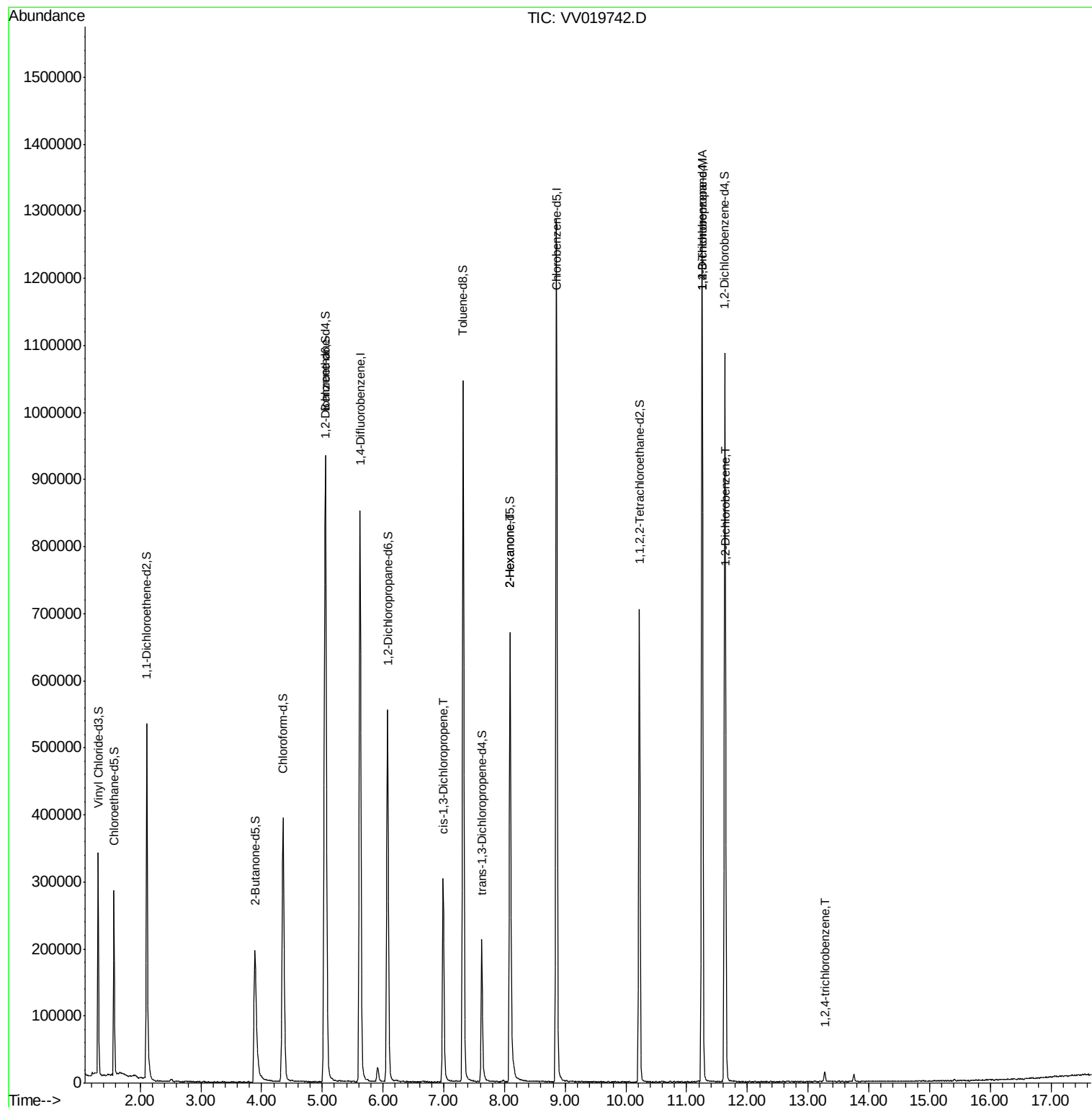
					Ovalue
39) cis-1,3-Dichloropropene	6.99	75	7654	0.932 ug/L #	60
48) 2-Hexanone	8.09	43	29462	5.440 ug/L #	71
59) 1,2,3-Trichloropropane	11.25	75	42736	6.945 ug/L	95
65) 1,2-Dichlorobenzene	11.65	146	6708	0.720 ug/L	88
68) 1,2,4-trichlorobenzene	13.27	180	3954	0.635 ug/L	94

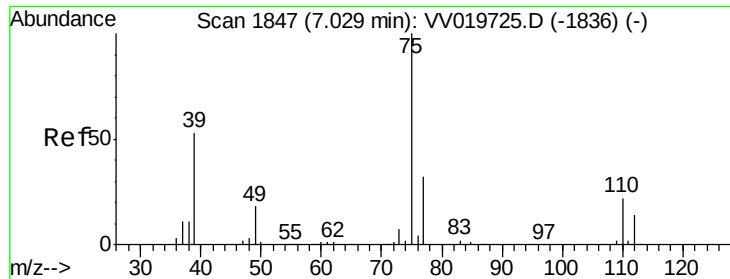
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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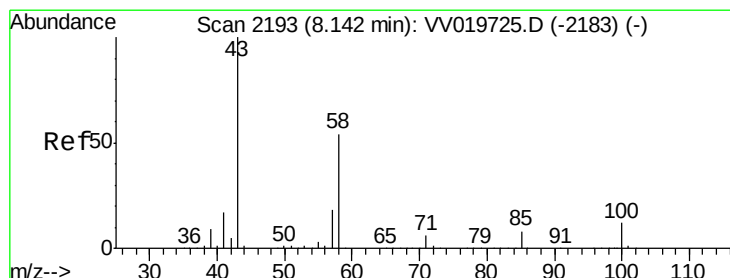
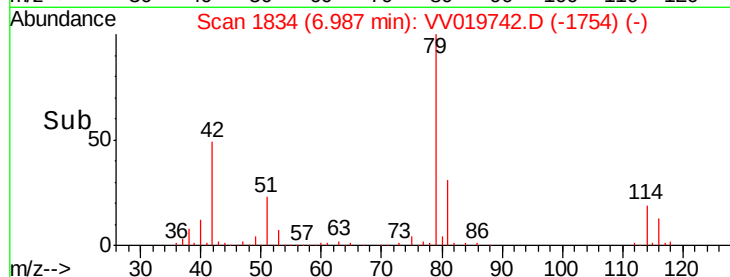
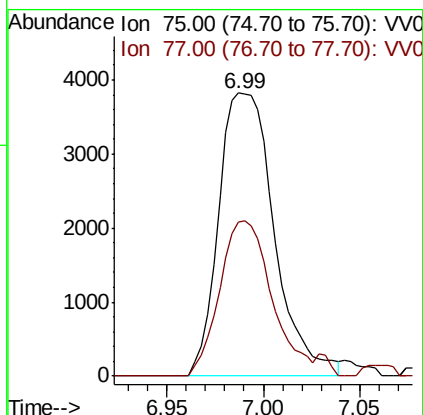
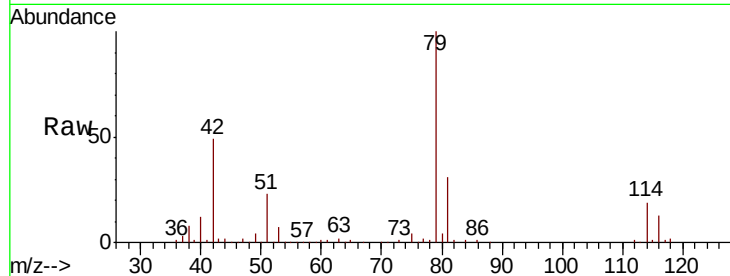


#39

cis-1,3-Dichloropropene
 Concen: 0.932 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019742.D
 Acq: 19 Dec 2020 17:01

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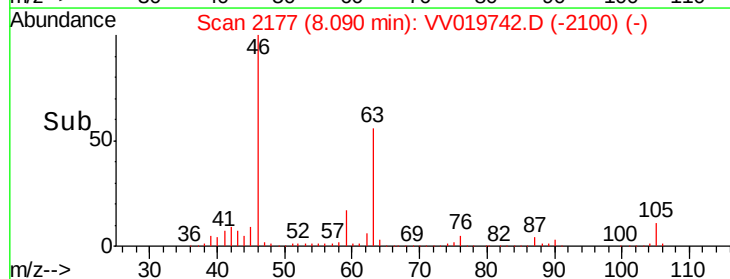
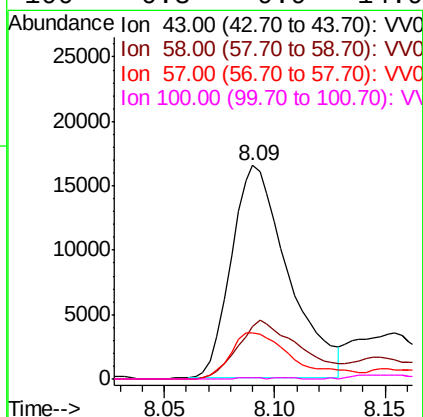
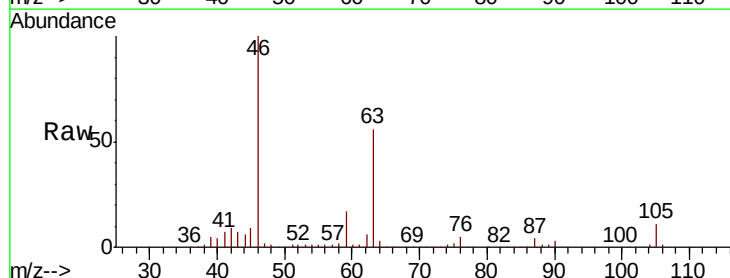
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 Ion Ratio Lower Upper
 75 100
 77 54.5 22.4 41.6#

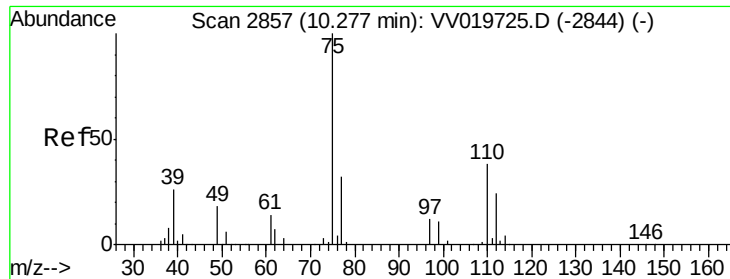


#48

2-Hexanone
 Concen: 5.440 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019742.D
 Acq: 19 Dec 2020 17:01

Tgt Ion: 43 Resp: 29462
 Ion Ratio Lower Upper
 43 100
 58 30.1 44.4 66.6#
 57 24.2 15.7 23.5#
 100 0.3 9.9 14.9#

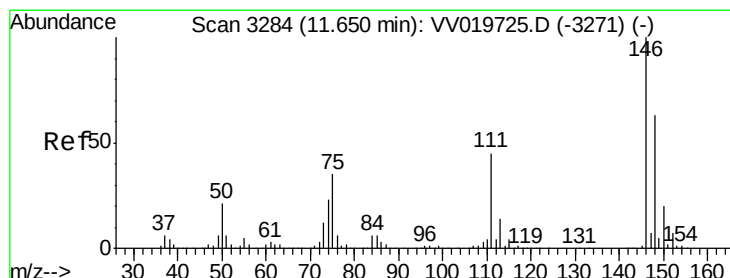
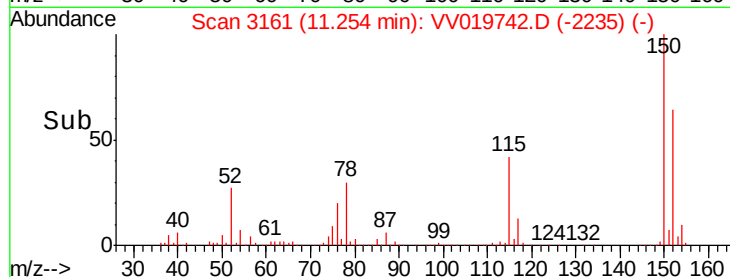
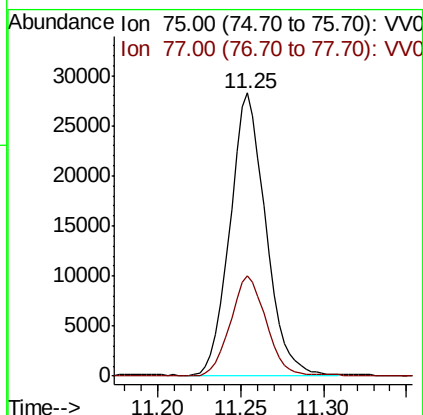
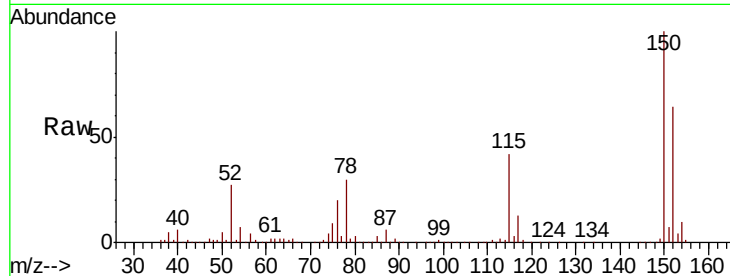




#59
 1,2,3-Trichloropropane
 Concen: 6.945 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019742.D
 Acq: 19 Dec 2020 17:01

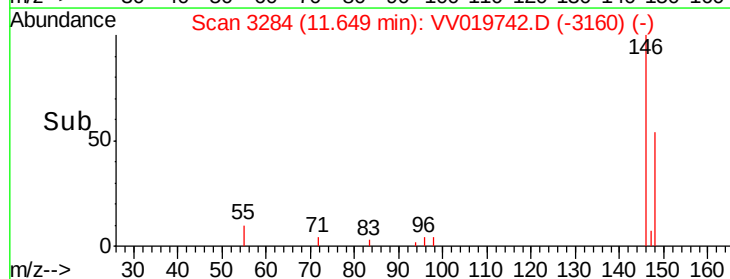
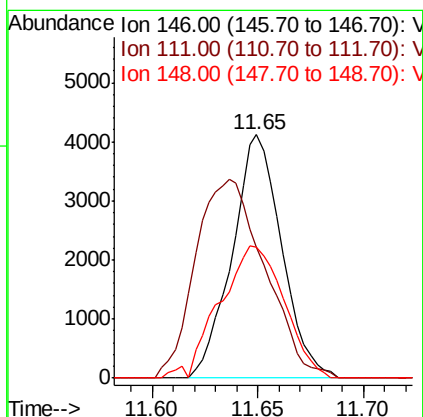
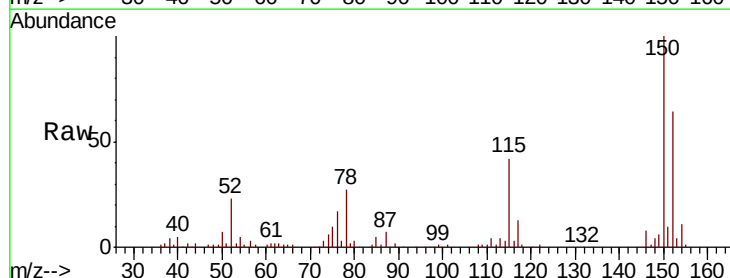
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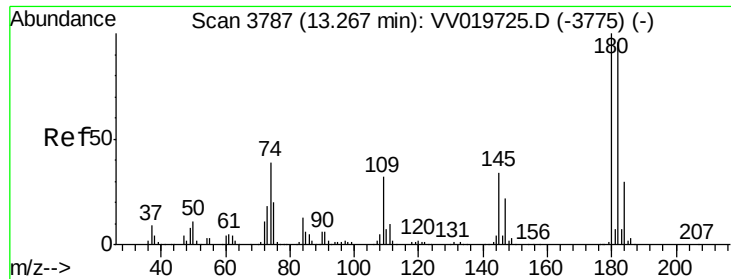
Tot Ion: 75 Resp: 42736
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.8 38.8



#65
 1,2-Dichlorobenzene
 Concen: 0.720 ug/L
 RT: 11.65 min Scan# 3284
 Delta R.T. -0.00 min
 Lab File: VV019742.D
 Acq: 19 Dec 2020 17:01

Tgt Ion: 146 Resp: 6708
 Ion Ratio Lower Upper
 146 100
 111 53.9 36.6 55.0
 148 53.9 50.7 76.1





#68
 1,2,4-trichlorobenzene
 Concen: 0.635 ug/L
 RT: 13.27 min Scan# 3788
 Delta R.T. 0.00 min
 Lab File: VV019742.D
 Acq: 19 Dec 2020 17:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK66

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.1	76.5	114.7
145	35.3	27.0	40.6

