

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110719\
 Data File : VU035673.D
 Acq On : 07 Nov 2019 20:31
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

Quant Time: Nov 08 07:31:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 06:13:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	696174	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	679999	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	207690	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	273183	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.18%
7) Chloroethane-d5	1.93	69	231408	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.06%
11) 1,1-Dichloroethene-d2	2.59	63	327041	37.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.80%
21) 2-Butanone-d5	4.69	46	347046	105.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.66%
24) Chloroform-d	5.12	84	432648	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.75	65	273466	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
32) Benzene-d6	5.77	84	936837	52.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.70%
36) 1,2-Dichloropropane-d6	6.74	67	299953	52.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.36%
41) Toluene-d8	7.93	98	848657	50.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.52%
43) trans-1,3-Dichloropropene-	8.21	79	131337	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.20%
47) 2-Hexanone-d5	8.68	63	225717	102.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.46%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	399890	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
64) 1,2-Dichlorobenzene-d4	12.22	152	231050	55.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.32%

Target Compounds

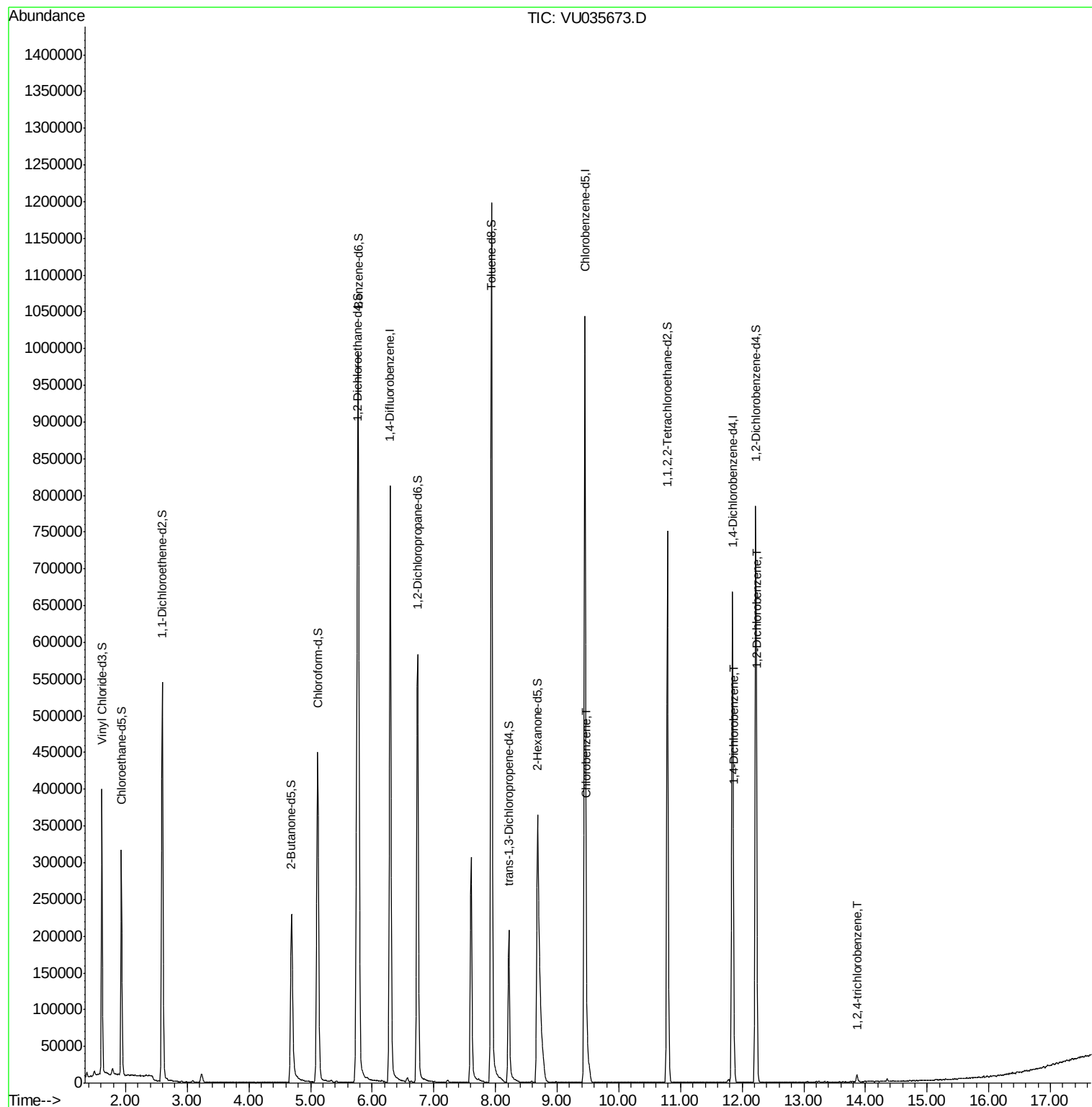
					Ovalue
51) Chlorobenzene	9.48	112	14554	1.088 ug/L	99
63) 1,4-Dichlorobenzene	11.87	146	18970	2.850 ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	24785	3.716 ug/L	95
68) 1,2,4-trichlorobenzene	13.86	180	3965	1.564 ug/L	94

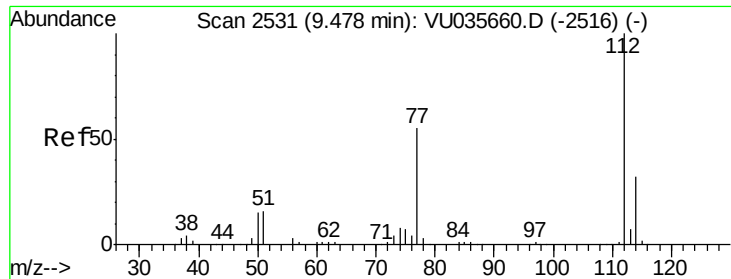
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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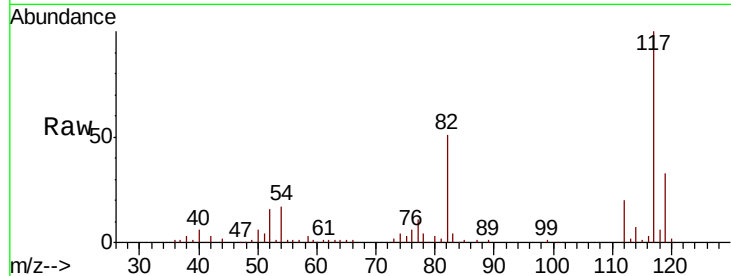




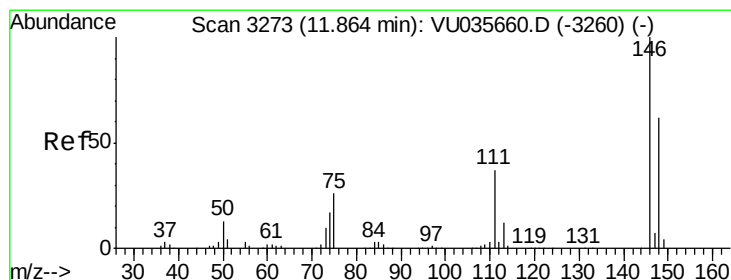
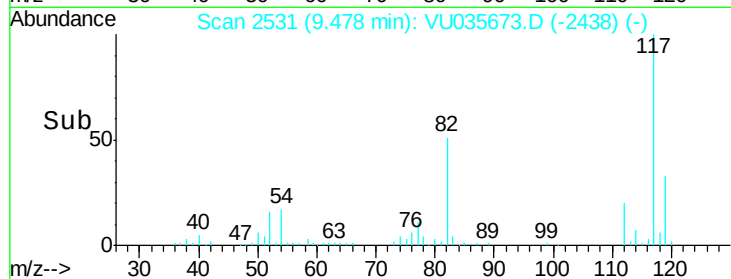
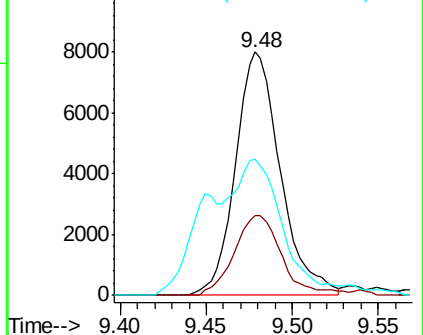
#51
Chlorobenzene
Concen: 1.088 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU035673.D
Acq: 07 Nov 2019 20:31

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Tot Ion:112 Resp: 14554
Ion Ratio Lower Upper
112 100
114 32.7 22.7 42.3
77 56.0 45.9 68.9

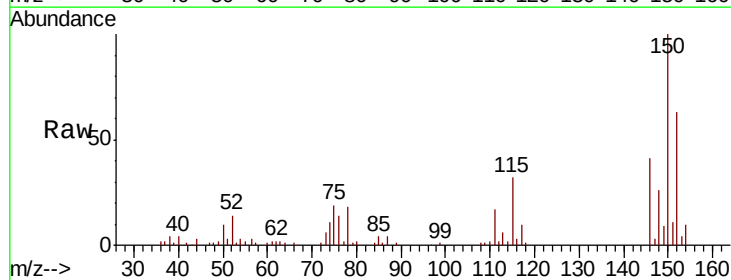


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

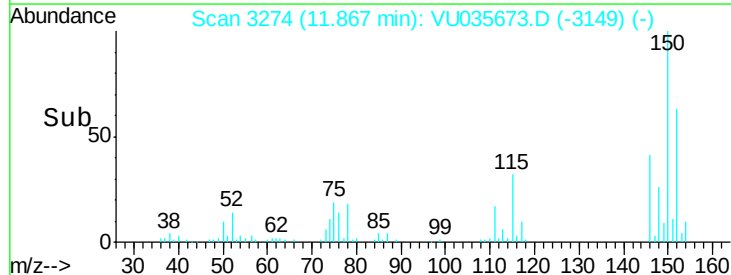
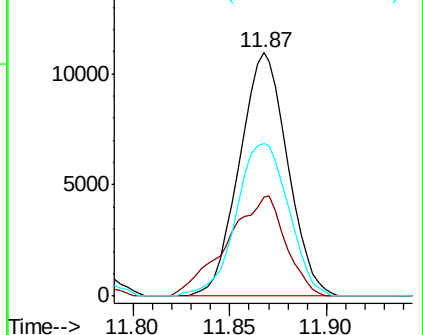


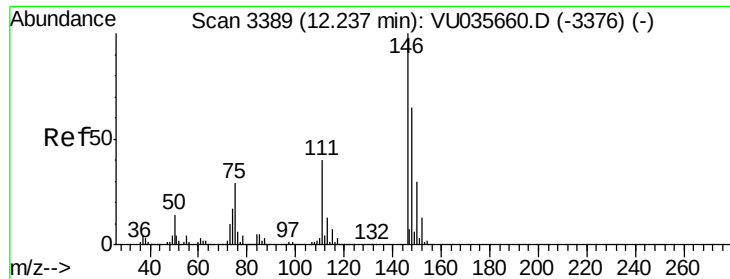
#63
1,4-Dichlorobenzene
Concen: 2.850 ug/L
RT: 11.87 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VU035673.D
Acq: 07 Nov 2019 20:31

Tgt Ion:146 Resp: 18970
Ion Ratio Lower Upper
146 100
111 40.9 26.5 49.1
148 62.8 44.4 82.5



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

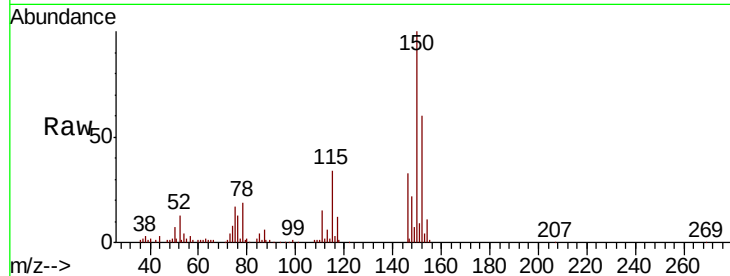




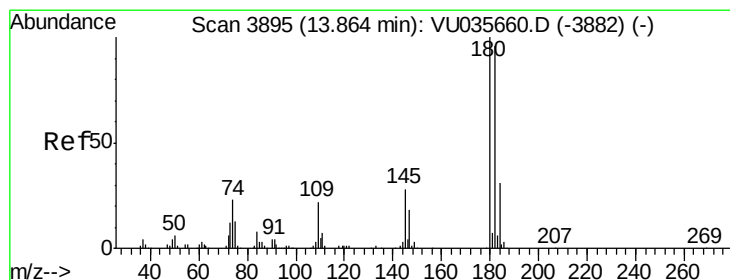
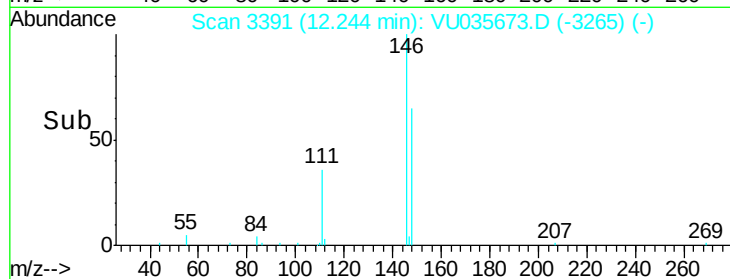
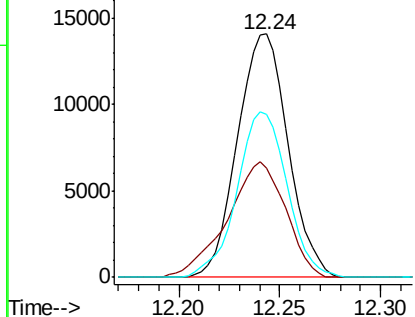
#65
 1,2-Dichlorobenzene
 Concen: 3.716 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.01 min
 Lab File: VU035673.D
 Acq: 07 Nov 2019 20:31

Instrument :
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 VIBLK40

Tot Ion:146 Resp: 24785
 Ion Ratio Lower Upper
 146 100
 111 44.9 32.4 48.6
 148 67.1 51.8 77.6

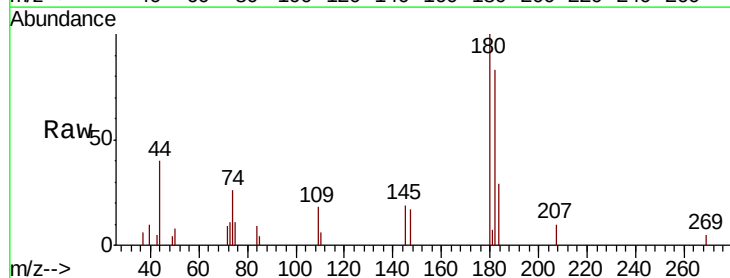


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 1.564 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.00 min
 Lab File: VU035673.D
 Acq: 07 Nov 2019 20:31

Tgt Ion:180 Resp: 3965
 Ion Ratio Lower Upper
 180 100
 182 90.7 76.6 115.0
 145 22.6 21.9 32.9



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

